MANUAL DE ANALISIS DE PISTA
PERFORMANCE HANDBOOK

Link Conexión Aérea, S.A. de C.V./TAR México

Base de Operación

Aeropuerto Internacional de Querétaro

MOTORES AE3007A1P

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DIRECCIÓN DE AVIACIÓN
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CONTROL AND BULLETIN LIST

Revision Control

REVISION	REVISION DATE	ADDING DATE	NAME
ORIGINAL	28 OCTUBRE 2015	28 OCTUBRE 2015	E.A.
REVISION 1	12 DE ABRIL 2016	12 DE ABRIL 2016	ABH
REVISION 2	26 DE MAYO 2016	26 DE MAYO 2016	ABH
REVISION 3	SEPTIEMBRE 2016	SEPTIEMBRE 2016	ABH
REVISION 4	OCTUBRE 2016	OCTUBRE 2016	ABH
REVISION 5	ENERO 2016	ENERO 2016	ABH
REVISION 6	MARZO 2017	MARZO 2017	ABH
REVISION 7	JUNIO 2017	JUNIO 2017	ABH
REVISION 8	OCTUBRE 2017	OCTUBRE 2017	ABH
REVISION 9	ABRIL 2018	ABRIL 2018	ABH
REVISION 10	MAYO 2018	MAYO 2018	ABH
REVISION 11	MAYO 2019	MAYO 2019	ABH
REVISION 12	MARZO 2020	MARZO 2020	ABH
REVISION 13	JULIO 2020	JULIO 2020	ABH

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REVISION 11	MAYO 2019	MAYO 2019	ABH
REVISION 12	MARZO 2020	MARZO 2020	ABH
REVISION 13	JULIO 2020	JULIO 2020	ABH

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Bulletin List

BULLETIN	DATE	ADDING DATE	NAME

Descripción de Cambios Realizados

Revisión: 13
Fecha: JULIO 2020

El Manual de Análisis de Pista ha sido editado para mantener actualizada la información contenida en el mismo. Un breve resumen de los cambios que sufrieron las hojas alteradas en ésta revisión, es indicado en la relación que se muestra a continuación:

Pagina	Descripción de los Cambios Realizados
3	*Lista de Enmiendas*
6	*Descripción de Cambio*
8-9	*Lista de Paginas Efectivas*
114-119	*Actualización GDL*
124-127	*Actualización LAP*
162-163	*Actualización MEX*
192-193	*Actualización PQM*
212-213	*Actualización QRO*
254-257	*Actualización TIJ*

Tabla de Contenidos

Revision Control 2
Bulletin List 4
Tabla de Contenidos....6
Lista de Paginas Efectivas 7
1.0 GENERAL....9
TEMPERATURE CONVERSION....10
1.2 AIRCRAFT PERFORMANCE DATA COMPUTE SERVER SYSTEM....11
2.0 TAKEOFF 13
TAKEOFF PATH 13
STANDARD ENGINE FAILURE TAKEOFF PATH....13
SPECIAL ENGINE FAILURE TAKEOFF PATH & PROCEDURES....13
RUNWAY CONDITIONS....14
RUNWAY CONTAMINANTS....14
CONTAMINATION LEVELS....15
GROUND VEHICLE RUNWAY FRICTION READINGS 15
TAKEOFF ON WET, SLIPPERY, OR CONTAMINATED RUNWAYS....15
RUNWAY NAMING CONVENTIONS....16
TAKEOFF RUNWAY ANALYSIS REPORT 17
TAKEOFF REPORT LAYOUT 17
RULES FOR READING THE TAKEOFF REPORT....20
TAKEOFF RUNWAY ANALYSIS CHARTS....20
TAKEOFF CHART LAYOUT 21
TAKEOFF CHARTS MRTW DETERMINATION 23
RULES FOR READING TAKEOFF CHARTS 23
MAX V1 25
4.0 LANDING....26
4.1 LANDING PERFORMANCE 26
RUNWAY NAMING CONVENTIONS....26
LANDING REPORT LAYOUT 27
MAXIMUM LANDING WEIGHT – FIELD LENGTH LIMIT - DISPATCH....29
LANDING DISTANCE - INFLIGHT USE ONLY....29
MAXIMUM LANDING WEIGHT - CLIMB LIMITS 29
MAXIMUM QUICK TURNAROUND WEIGHT....29
Runway Analisys 33
Landing Data 284

Lista De Páginas Efectivas

PAG.	FECHA	No DE REVISION	PAG.	FECHA	No DE REVISION	PAG.	FECHA	No DE REVISION
1	OCT19	08	52	MAY19	1	103	MAY19	11
2	FEB 15	03	53	MAY19	1	104	MAY19	11
3	JUL20	13	54	MAY19	1	105	MAY19	11
4	OCT19	08	55	MAY19	1	106	MAY19	11
5	OCT19	08	56	MAY19	1	107	MAY19	11
6	JUL20	13	57	MAY19	1	108	MAY19	11
7	OCT19	08	58	MAY19	1	109	MAY19	11
8	JUL20	13	59	MAY19	1	110	MAY19	11
9	JUL20	13	60	MAY19	1	111	MAY19	11
10	MAR20	12	61	MAY19	1	112	MAY19	11
11	FEB 15	03	62	MAY19	1	113	MAY19	11
12	OCT19	08	63	MAY19	1	114	JUL20	13
13	OCT19	08	64	MAY19	1	115	JUL20	13
14	OCT19	08	65	MAY19	1	116	JUL20	13
15	OCT19	08	66	MAY19	1	117	JUL20	13
16	OCT19	08	67	MAY19	1	118	JUL20	13
17	OCT19	08	68	MAY19	1	119	JUL20	13
18	OCT19	08	69	MAY19	1	120	MAY19	11
19	OCT19	08	70	MAY19	1	121	MAY19	11
20	OCT19	08	71	MAY19	1	122	MAY19	11
21	OCT19	08	72	MAY19	1	123	MAY19	11
22	OCT19	08	73	MAY19	1	124	JUL20	13
23	OCT19	08	74	MAY19	1	125	JUL20	13
24	OCT19	08	75	MAY19	1	126	JUL13	13
25	OCT19	08	76	MAY19	1	127	JUL20	13
26	OCT19	08	77	MAY19	1	128	MAY19	11
27	OCT19	08	78	MAY19	1	129	MAY19	11
28	OCT19	08	79	MAY19	1	130	MAY19	11
29	OCT19	08	80	MAY19	1	131	MAY19	11
30	OCT19	08	81	MAY19	1	132	MAY19	11
31	OCT19	08	82	MAY19	1	133	MAY19	11
32	OCT19	08	83	MAY19	1	134	MAY19	11
33	OCT19	08	84	MAY19	1	135	MAY19	11
34	MAY19	11	85	MAY19	1	136	MAY19	11
35	MAY19	11	86	MAY19	1	137	MAY19	11
36	MAY19	11	87	MAY19	1	138	MAY19	11
37	MAY19	11	88	MAY19	1	139	MAY19	11
38	MAY19	11	89	MAY19	1	140	MAY19	11
39	MAY19	11	90	MAY19	1	141	MAY19	11
40	MAY19	11	91	MAY19	1	142	MAY19	11
41	MAY19	11	92	MAY19	1	143	MAY19	11
42	MAY19	11	93	MAY19	1	144	MAY19	11
43	MAY19	11	94	MAY19	1	141	MAY19	11
44	MAY19	11	95	MAY19	1	142	MAY19	11
45	MAY19	11	96	MAY19	1	143	MAY19	11
46	MAY19	11	97	MAY19	1	144	MAY19	11
47	MAY19	11	98	MAY19	1	145	MAY19	11
48	MAY19	11	99	MAY19	1	146	MAY19	11
49	MAY19	11	100	MAY19	1	147	MAY19	11
50	MAY19	1	101	MAY19	1	148	MAY19	11
51	MAY19	1	102	MAY19	1	149	MAY19	11

150	MAY19	11	204	MAY19	11	258	MAR20	12
151	MAY19	11	205	MAY19	11	259	MAR20	12
152	MAY19	11	206	MAY19	11	260	MAR20	12
153	MAY19	11	207	MAY19	11	261	MAR20	12
154	MAY19	11	208	MAR20	12	262	MAR20	12
155	MAY19	11	209	MAR20	12	263	MAR20	12
156	MAY19	11	210	MAY19	11	264	MAR20	12
157	MAY19	11	211	MAY19	11	265	MAR20	12
158	MAY19	11	212	JUL20	13	266	MAY19	11
159	MAY19	11	213	JUL20	13	267	MAY19	11
160	MAY19	11	214	MAR20	12	268	MAR20	12
161	MAY19	11	215	MAR20	12	269	MAR20	12
162	JUL20	13	216	MAY19	11	270	MAR20	12
163	JUL20	13	217	MAY19	11	271	MAR20	12
164	MAY19	11	218	MAY19	11	272	MAY19	11
165	MAY19	11	219	MAY19	11	273	MAY19	11
166	MAY19	11	220	MAY19	11	274	MAY19	11
167	MAY19	11	221	MAY19	11	275	MAY19	11
168	MAY19	11	222	MAY19	11	276	MAY19	11
169	MAY19	11	223	MAY19	11	277	MAY19	11
170	MAR20	12	224	MAY19	11	278	MAY19	11
171	MAR20	12	225	MAY19	11	279	MAY19	11
172	MAR20	12	226	MAY19	11	280	MAR20	12
173	MAR20	12	227	MAY19	11	281	MAR20	12
174	MAR20	12	228	MAY19	11	282	MAR20	12
175	MAR20	12	229	MAY19	11	283	MAR20	12
176	MAY19	11	230	MAY19	11	284	MAY19	11
177	MAY19	11	231	MAY19	11	285	MAY19	11
178	MAY19	11	232	MAY19	11	286	MAR20	12
179	MAY19	11	233	MAY19	11	287	MAR20	12
180	MAY19	11	234	MAY19	11	288	MAR20	12
181	MAY19	11	235	MAY19	11	289	MAR20	12
182	MAY19	11	236	MAY19	11	290	MAY19	11
183	MAY19	11	237	MAY19	11	291	MAY19	11
184	MAY19	11	238	MAY19	11	292	MAY19	11
185	MAY19	11	239	MAY19	11	293	MAY19	11
186	MAY19	11	240	MAY19	11	294	MAY19	11
187	MAY19	11	241	MAY19	11	295	MAY19	11
188	MAY19	11	242	MAY19	11	296	MAY19	11
189	MAY19	11	243	MAY19	11	297	MAY19	11
190	MAY19	11	244	MAY19	11	298	MAY19	11
191	MAY19	11	245	MAY19	11	299	MAY19	11
192	JUL20	13	246	MAY19	11	300	MAY19	11
193	JUL20	13	247	MAY19	11	301	MAY19	11
194	MAY19	11	248	MAY19	11	302	MAY19	11
195	MAY19	11	249	MAY19	11	303	MAY19	11
196	MAY19	11	250	MAY19	11	304	MAY19	11
197	MAY19	11	251	MAY19	11	305	MAY19	11
198	MAY19	11	252	MAY19	11	306	MAY19	11
199	MAY19	11	253	MAY19	11	307	MAY19	11
200	MAY19	11	254	JUL20	13	308	MAY19	11
201	MAY19	11	255	JUL20	13	309	MAY19	11
202	MAY19	11	256	JUL20	13	310	MAY19	11
203	MAY19	11	257	JUL20	13	311	MAY19	11

1.0 GENERAL

1.1 CONVERSION TABLES

TEMPERATURE CONVERSION

°C	°F		°C	°F		°C	°F
-40	-40		-8	18		24	75
-39	-38		-7	19		25	77
-38	-36		-6	21		26	79
-37	-35		-5	23		27	81
-36	-33		-4	25		28	82
-35	-31		-3	27		29	84
-34	-29		-2	28		30	86
-33	-27		-1	30		31	88
-32	-26		0	32		32	90
-31	-24		1	34		33	91
-30	-22		2	36		34	93
-29	-20		3	37		35	95
-28	-18		4	39		36	97
-27	-17		5	41		37	99
-26	-15		6	43		38	100
-25	-13		7	45		39	102
-24	-11		8	46		40	104
-23	-9		9	48		41	106
-22	-8		10	50		42	108
-21	-6		11	52		43	109
-20	-4		12	54		44	111
-19	-2		13	55		45	113
-18	0		14	57		46	115
-17	1		15	59		47	117
-16	3		16	61		48	118
-15	5		17	63		49	120
-14	7		18	64		50	122
-13	9		19	66		51	124
-12	10		20	68		52	126
-11	12		21	70		53	127
-10	14		22	72		54	129
-9	16		23	73		55	131

WIND COMPONENT

WIND (KTS)	ANGLE BETWEEN WIND DIRECTION AND HEADING (LEFT OR RIGHT)																								
	HEADWIND COMPONENT								TAILWIND COMPONENT												CROSSWIND COMPONENT						
	10	20	30	40	50	60	70	80	100	110	120	130	140	150	160	170	10	20	30	40	50	60	70	80
5	5	5	4	4	3	3	2	1	1	2	3	3	4	4	5	5	1	2	3	3	4	4	5	5
10	10	9	9	8	6	5	3	2	2	3	5	6	8	9	9	10	2	3	5	6	8	9	9	10
15	15	14	13	11	10	8	5	3	3	5	8	10	11	13	14	15	3	5	8	10	11	13	14	15
20	20	19	17	15	13	10	7	3	3	7	10	13	15	17	19	20	3	7	10	13	15	17	19	20
25	25	23	22	19	16	13	9	4	4	9	13	16	19	22	23	25	4	9	13	16	19	22	23	25
30	29	28	26	23	19	15	10	5	5	10	15	19	23	26	28	29	5	10	15	19	23	26	28	29
35	34	33	30	27	22	18	12	6	6	12	18	22	27	30	33	34	6	12	18	22	27	30	33	34
40	39	38	35	31	26	20	14	7	7	14	20	26	31	35	38	39	7	14	20	26	31	35	38	39
45	44	42	39	34	29	23	15	8	8	15	23	29	34	39	42	44	8	15	23	29	34	39	42	44
50	49	47	43	38	32	25	17	9	9	17	25	32	38	43	47	49	9	17	25	32	38	43	47	49
55	54	52	48	42	35	28	19	9	9	19	28	35	42	48	52	54	9	19	28	35	42	48	52	59
60	59	56	52	46	39	30	21	10	10	21	30	39	46	52	56	59	10	21	30	39	46	52	56	59
65	64	61	56	50	42	33	22	11	11	22	33	42	50	56	61	64	11	22	33	42	50	56	61	64
70	69	66	61	54	45	35	24	12	12	24	35	45	54	61	66	69	12	24	35	45	54	61	66	69

1.2 AIRCRAFT PERFORMANCE DATA COMPUTE SERVER SYSTEM

The AeroData Aircraft Performance Data Compute Server System (Compute Server System) is an advanced clientserver computer system designed for providing comprehensive real-time aircraft performance data to ensure compliance with takeoff, enroute, and landing regulations.

The heart of the system is the Compute Server. A Compute Server takes requests from computer network client programs for aircraft performance data. Once the requested data is calculated, it is returned to the client software for display to the user. Client software packages for the Compute Server System include the Flight Planning Client for dispatch performance data, the Takeoff and Landing Performance Report Client for flight crew performance data, the Takeoff Charts Client for generating paper runway analysis charts, and the ACARS Client for onboard performance data.

Two or more Compute Servers are installed for redundancy and speed. Since the Compute Server System fulfills all requests for aircraft performance data, all performance data output is consistent. Additionally, all performance data is simultaneously updated when aeronautical data changes occur. This eliminates paper performance manuals and the overhead associated with the maintenance of these manuals.

The most important advantage of the Compute Server System is that all performance calculations are computed realtime using the fewest possible conservatisms and generalizations. As a result, the highest possible performance values are provided to the airline.

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2.0 TAKEOFF

2.1 GENERAL

TAKEOFF PATH

NO turns shall be commenced below 1,000' above field elevation (AFE) when takeoff weather is less than 1,000' ceiling and 3 sm visibility unless a Special Departure Procedure prescribes otherwise or the assigned instrument departure procedure specifically requires a turn before reaching 1,000' AGL.

Flap Retraction Altitude (FRA) for all takeoffs is 1,000' AFE unless a Special Procedure prescribes otherwise.

STANDARD ENGINE FAILURE TAKEOFF PATH

The following path will be flown whenever an engine failure occurs during takeoff and no Special Procedure exists:

	Weather Conditions	
ENGINE FAILURE ALTITUDE	**IMC**	**VMC**
Below 1,000' AFE.	Climb straight ahead to 1,000' AFE, then commence turn to NAVAID or heading as listed on runway analysis page using maximum bank angle appropriate for aircraft speed. If NAVAID is listed, hold on the inbound radial using a direct entry and standard holding procedures. If heading is listed, fly heading until a minimum safe altitude is attained. Radar vectors may be accepted when available after reaching 1,000'.	Climb straight ahead to 1,000' AFE. Return to land visually or complete IMC procedure.
1,000' or more AFE.	Commence turn to NAVAID or heading as listed on runway analysis page using maximum bank angle appropriate for aircraft speed. If NAVAID is listed, hold on the inbound radial using a direct entry and standard holding procedures. If heading is listed, fly heading until a minimum safe altitude is attained. Radar vectors may be accepted when available.	Return to land visually or complete IMC procedure.

This path will allow the aircraft to safely attain an altitude and position where radar vectors can be provided, or a minimum enroute or approach altitude. This path is an extension of the Captain's emergency authority and must be stated as such to ATC as soon as practical.

SPECIAL ENGINE FAILURE TAKEOFF PATH & PROCEDURES

Special Procedures for takeoff are provided when Standard Engine Failure Takeoff Procedures cannot be used due to obstacle requirements. Special Procedures are designed to only provide procedures and information that differ from Standard Procedures. For takeoff there are two types of Special Procedures:

Simple-Special: The Simple-Special Procedure differs from Standard Procedures in that a turn to a NAVAID or heading is required before reaching 1,000'. FRA remains at 1,000' AFE unless otherwise specified in the FLAP RETRACT box. Simple-Special Procedures are mandatory in IMC. They are also mandatory in VMC until reaching 1,000' AFE. The turn to the NAVAID or heading is to be made at the highest bank angle appropriate for aircraft speed. In IMC, if radar vectors are not available, comply with the special procedure until 3,000' AFE at which time you may proceed on course (as applicable). Simple-Special Procedures, when required, are provided on the top of each page of takeoff runway analysis. Below is a sample Simple-Special Procedure and legend:

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
V2		14.0 VOR	4600’	LT VOR	5100’	STD
1	2	3	4	5	6	7
8						

1. Engine failure climb speed - only listed if different than the standard engine failure profile.
2. Engine failure initial heading or course - only listed if different than runway alignment. A turn to the specified heading or course shall be commenced at 50' AFE or at engine failure above 50' AFE.
3. Engine failure turn point - listed in feet MSL for an altitude turn point and DME or radial for geographic turn points.
4. Alternate turn point - Alternate turning fix (if available) for redundancy and/or convenience.
5. Turn direction and NAVAID or heading - LT = left turn; RT = right turn; DT = direct (turn to NAVAID or heading in direction of shortest distance); H = heading.
6. Flap retraction altitude - FRA (feet MSL).
7. Holding procedures at NAVAID - STD = right turns & 1 minute legs. Unless otherwise noted, hold on the inbound radial using a direct entry. This may not necessarily be a published holding pattern.
8. Remarks.

Complex-Special: The Complex-Special Procedure is issued when an engine failure procedure is too complex to fit in the Simple-Special table and/or other considerations must be taken into account. Often, allengine procedures are also specified in order to ensure that the aircraft will remain in the obstacle protected area until reaching a safe engine failure altitude. FRA remains at 1,000' AFE unless otherwise specified in the procedure.

Complex-Special Procedures may be specifically designed for a published instrument departure procedure. In these cases, the name of the applicable instrument departure procedure will be indicated on the ComplexSpecial and the Complex-Special is only valid for the instrument departure procedure specified. ComplexSpecial Procedures are mandatory under IMC and VMC.

RUNWAY CONDITIONS

Wet Runway - A runway that has a shiny appearance due to a thin layer of water less than 1/8" or 3mm covering 100% of the runway surface. If there are dry spots showing on a drying runway with no standing water, the runway is not considered to be wet.

Contaminated Runway - A runway where more than 25% of the runway length, within the width being used, is covered by standing water or slush more than 1/8" or 3mm deep, or that has an accumulation of snow or ice. A runway may also be considered contaminated with less than 25% coverage if the contaminant is located prior to the midpoint of the runway.

Compacted Snow Runway - A runway is considered to be contaminated by compacted snow when covered by snow which has been compacted into a solid mass which resists further compression and will hold together or break into lumps if picked up.

Slippery Runway - A runway surface condition where braking action is expected to be very low, due to the presence of ice.

RUNWAY CONTAMINANTS

Standing Water – Accumulated water on the runway surface caused by heavy rainfall or by poor drainage.

Slush - Snow mixed with water.

Dry Snow - Snow that cannot be easily compacted by hand.

Wet Snow - Snow that is easily compacted by hand.

CONTAMINATION LEVELS

	Contaminant			
	Water	**Slush**	**Wet Snow**	**Dry Snow**
Level 1	Heavy rain with up to 1/8" or 3mm flooding.	≤1/8" or ≤3mm	≤1/4" or ≤6mm	≤1" or ≤25mm
Level 2	>1/8" to ≤1/4" or 3mm to 6mm	>1/8" to ≤1/4" or 3mm to 6mm	>1/4" to ≤1/2" or 7mm to 13mm	>1" to ≤2" or 26mm to 51mm
Level 3	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED	NOT AUTHORIZED

GROUND VEHICLE RUNWAY FRICTION READINGS

At certain airports, ground vehicle friction readings are provided by ATIS and/or the control tower when slippery runway conditions are thought to exist. These readings are derived from devices that attempt to measure the runway coefficient of friction (□□□or mu). Unfortunately, the measurements made by these devices do not directly correlate to the □ that would be experienced by an aircraft, although they do provide indications of airplane/runway braking action that may be used for planning purposes.

Reported measurements are also a function of the device itself. The readings from these devices are given by ATIS and/or the control tower and typically are given with the type of measuring device used. Please note that the readings may be given as whole numbers (i.e., .47 would be given as 47). In addition, Runway Condition Readings (RCR) are normally associated with military and Canadian airports. The following table can be used to correlate ground vehicle friction readings to an airplane/runway braking action level.

Ground-vehicle Friction Correlation for Compacted Snow- and Ice-Covered Runways

	Ground-vehicle friction readings (□)						
Braking Action Level	Surface friction tester (SAAB)	Runway Friction Tester	BV-11 skid-dometer	Mu-Meter	Tapley meter	Bow-monk meter	Runway condition readings (RCR)
Excellent	≥ .53	≥ .50	≥ .58	≥ .50	≥.53	≥ .51	≥ 17
Good	.37 - .50	.35 - .47	.41 - .54	.35 - .47	.38 - .50	.37 - .48	12 -16
Fair	.28 - .34	.26 - .33	.31 - .37	.26 - .33	.28 - .35	.27 - .34	9 - 11
Poor	≤ .25	≤ .24	≤ .27	≤ .24	≤ .26	≤ .25	≤ 8

TAKEOFF ON WET, SLIPPERY, OR CONTAMINATED RUNWAYS

The takeoff data provided for non-dry runways serves to maintain a margin of safety equivalent to a dry runway by taking into consideration performance characteristics associated with non-dry runway conditions. Therefore, the more accurate the assessment of runway conditions, the greater the margin of safety maintained. Runway condition information can normally be obtained from ATC, Flight Service and/or station personnel. When accurate information is not available, an assessment of the runway condition must be made by the crew. However, due to a lack of the proper means, making an accurate assessment of the runway condition is often impossible. Even if a runway condition assessment is inaccurate, using takeoff data for that runway condition still offers an increased margin of safety over using dry runway data.

Takeoff Runway Analysis provides maximum takeoff weights and maximum V_1s for wet, slippery, and contaminated runways. This data preserves accelerate-go and accelerate-stop distances for the appropriate runway conditions. Wet maximum takeoff weights are based on the braking capability of the actual runway being analyzed. This is reflected in that a runway with no friction treatment (i.e. grooving) will show significant weight penalty when comparing wet versus

dry, while a runway with good friction characteristics will show little or no penalty. Comparing the difference between dry and non-dry takeoff weights for each available runway will indicate the best runway for takeoff.

RUNWAY NAMING CONVENTIONS

INTERSECTION RUNWAYS

Intersection runways are designated by "/" between the runway and the intersecting taxiway or runway.

26L/A Designates runway 26L at the intersection of taxiway "A".

INTERSECTION DEPARTURE

Intersection performance data may be used for an intersection departure of longer length or a full length departure. Engine failure procedures remain the same.

SHORTENED RUNWAYS

Shortened runways are designated using the following code: "26L-E2000F"

26L Indicates the base runway
– Indicates that the runway has been shortened
E Indicates the end of the runway which has been shortened (possible values are N, NE, E, SE, S SW, W, NW)
2000 Indicates the shortened distance
F Indicates the units for the shortened distance where "F" = feet and "M" = meters. The shortened distance unit shown will correspond to that given by the applicable shortened runway NOTAM.

ARRESTING GEAR CABLE RUNWAYS

Runways equipped with an arresting gear cable(s) are designated by using "CBL". Distance beyond a cable from the liftoff end will be considered as clearway. The following naming conventions represent cable runway designations.

22L-NECBL Runway 22L with cable on Northeast (brake release) end of runway deployed. Takeoff run is initiated at cable. Effective runway length is the distance from the cable to the liftoff end of the runway.

22L-SWCBL Runway 22L with cable on Southwest (lift-off) end of runway deployed. Takeoff run is initiated at the brake release end of runway. Effective runway length is the distance from the brake release end of the runway to the cable.

22L-CBL-CBL Runway 22L with cable on Northeast (brake release) and Southwest (lift-off) ends of the runway deployed. Takeoff run is initiated at cable. Effective runway length is the distance between cables.

22L/B10-CBL Runway 22L intersection B10 with cable on Southwest (lift-off) end of runway deployed. Takeoff run is initiated at intersection B10. Effective runway length is the distance from B10 to the cable.

22L-1000F-CBL Runway 22L with 1000F ("M" if meters) NOTAM on Northeast (brake release) end of runway and cable on lift-off end of the runway deployed. Takeoff run is initiated at break release end minus 1000F. Effective runway length is the distance from 22L minus 1000F to the cable.

22L-CBL-1000F Runway 22L with cable on Northeast (brake release) end of runway deployed and 1000F ("M" if meters) NOTAM on lift-off end of the runway. Takeoff run is initiated at cable. Effective runway length is the distance from the cable to the lift-off end of the runway minus 1000F due to NOTAM.

2.2 TAKEOFF PERFORMANCE

TAKEOFF RUNWAY ANALYSIS REPORT

The Takeoff Runway Analysis Report (Takeoff Report) is prepared for each flight based on the environmental conditions, runway conditions, and aircraft configuration anticipated by the dispatcher at the time of departure. The Takeoff Report provides takeoff data for the planned conditions as well as a range of data surrounding planned conditions. The Takeoff Report includes takeoff data for all of the runways designated for inclusion by the airline. Runways are listed in numerical order. Shortened runways are listed following the associated full length runway, if applicable.

MEL and CDL penalties that are planned by the dispatcher are transferred to the Takeoff Report and are included in takeoff weight calculations. Included penalties are always indicated in the Takeoff Report.

TAKEOFF REPORT LAYOUT

```
TAKEOFF AND LANDING REPORT LCT 123 SCF-PHX 20OCT13
TLR-1 SEQ-50287573 21OCT13 0658Z
A/C 321  EMB-145LR AE-3007A1P

/// TAKEOFF DATA ///

APT  PRWY        POAT PWIND  PQNH  PMRTW FLP O2 V1 VR V2 PTOW MFPTW
SCF  17          34.0 000M00 29.90 5070  9   Y  41 41 51 4800 4950
```

The header contains the parameters that were used by the dispatcher for planning the flight. At the top is the flight number and local departure date. The TLR-# identifier is provided for matching flight release and Takeoff Report versions. SEQ-# is a unique identifier given to each Takeoff Report. Following the SEQ-# number is the UTC date and time that the Takeoff Report was created. Next is the aircraft tail number and the associated engine/airframe combination designation.

All weight data is displayed as weight / 10.

APT – Airport IATA identifier.
PRWY – Planned runway. The runway that was used by the dispatcher for planning the flight.
POAT – Planned outside temperature.
PQNH – Planned QNH (Altimeter setting). The entire Takeoff Report is based on this QNH. The Takeoff Report is valid when the actual QNH is no less than 0.10" below PQNH. For example, if the dispatcher planned for a QNH of 29.82, then the report is valid if the actual QNH is no lower than 29.72. If the actual QNH falls below 29.72, then a new Takeoff Report must be generated or a radio revision may be accepted. A new Takeoff Report is never required when the actual QNH exceeds the planned QNH, but additional uplift capability may be gained by using an actual QNH that is higher than PQNH.
PWIND – Planned wind direction / speed.
PMRTW – Planned maximum runway takeoff weight. **FLP**
– Takeoff flap setting associated with PMRTW.
O2 – Optimum V_2 indicator for PMRTW. "Y" = Yes, PMRTW is based on the use of Optimum V_2; "N" = No, PMRTW is based on the use of Minimum V_2.
V1, VR, V_2 – The takeoff speeds associated with the planned conditions based on the lower of the PMRTW or the MFPTW. Add 100 to each number shown that is less than 80.
PTOW – Planned takeoff weight.
MFPTW – Maximum flight plan takeoff weight. This is the maximum takeoff weight for which the flight plan is valid when considering all flight planning limits except MRTW. These limits include the structural MTOW, METW, MLDW + planned

fuel burn off, fuel capacity limited takeoff weight, structural MTXW - taxi fuel, and, if required, takeoff alternate METW. MRTW for actual conditions can exceed PMRTW, but the final MTOW can never exceed MFPTW.

```
RMKS ANTI-ICE ON
```

RMKS – Non-standard airplane configuration and runway condition listing. Listed configuration changes are applied to the entire report unless specified otherwise in a section title. For example, if the RMKS indicates that anti-skid is inoperative, the entire Takeoff Report is calculated with the anti-skid inoperative. If the RMKS indicates a wet runway and a section title includes the words “DRY RUNWAY”, the section is still based on a dry runway. Generally, but not without exception, inoperative components will apply to the entire report, while pilot selectable options are overridden by the section title.

```
---- --- ------ ----- ------- --- --- --- --- --- ---------------
RWY  OAT WIND   QNH   MRTW    FLP V1  VR  V2  PWR CNFG/CONDITION
```

This area is for last minute revisions to takeoff data. It can be used in cases where the takeoff report does not contain data for the current conditions or when fine-tuning of the MRTW is required to obtain maximum payload capability. The dispatcher can quickly make a single point calculation for exact conditions that can be relayed to the flight crew.

Typical scenarios for its use are last minute MEL/CDL items that were not included in the original report, actual OAT exceeding the scale on the report, OAT in decimal degrees, headwind/tailwind adjustments calculated to provide exact numbers, and any other additional refinement.

```
------------------- ALT T/O-1 - DRY RWY - A/I OFF -------------------
           03             17             21             35
           8249 FT        10000 FT       8249 FT        10000 FT
           SPECIAL        LT H130        SPECIAL        SPECIAL
  OAT N1   FLAP 9         FLAP 9         FLAP 9         FLAP 9
   40 88.4 4154 O 22      4768 O 33      4615 O 31      4771 O 33
   38 88.1 4193 O 23      4840 O 34      4658 O 31      4843 O 34
   36 87.9 4216 O 23      4870 O 35      4684 O 32      4873 O 35
 / 34 87.7 4224 O 23    / 4883 O 35    / 4694 O 32    / 4887 O 35
   32 87.5 4232 O 23      4883 O 35      4702 O 32      4888 O 35
HW/10KT      52   1        34   1        64   1        33   1 TW/10KT
-142   -3     -102   -2     -215   -6     -103   -2
```

A takeoff data section is identified by the title line, which describes the base conditions and airplane configuration for which the data was calculated. The conditions and configuration listed override any listed in the RMKS section. The next few lines of data indicate the runway, runway length, abbreviated engine failure procedure, and flap setting. See the description of PRWY above for runway naming conventions. See the Takeoff Path section earlier in the Performance Handbook for a description of engine failure procedures. The line of takeoff data consists of temperature, power setting, MRTW (maximum runway takeoff weight), limit code, and Max V_1. Add 100 to Max V_1 if the number shown is less than 80. For example, 30 equals a Max V_1 of 130 knots. Dashes in place of an MRTW or MRTW adjustment indicate that takeoff is not allowed for the specific condition.

The “/” symbol is used to indicate a reference temperature. In a Normal section, the “/” is shown at POAT.

Abbreviated engine failure procedure - (LT, RT, OR DT NAVAID or Heading) or (SPECIAL). **RT** – Right Turn
LT – Left Turn
DT – Direct (turn to NAVAID or heading in direction of shortest distance)
H – Heading (i.e. RT H180°)
SPECIAL – Special engine failure procedures are listed at the bottom of the report.

Limit codes are as follows:
A – Maximum AFM Chart Weight
B – Brakes
C – Climb
D – Dry Runway Weight Check (Wet MRTW cannot exceed dry MRTW)
F – Field
O – Obstacle **T** – Tires
V – V_{mcg}

Following the base takeoff data is adjustments data. Adjustments are used to modify base takeoff data for non-standard configurations or conditions. Adjustment data may contain adjustment values for power setting, MRTW, and Max V_1, as required.

Adjustment abbreviations:
HW – Headwind
TW – Tailwind
AI ON – Anti-ice ON

```
--------- T/O - SLUSH/SNOW - A/I ON 10C AND BELOW - OAT -4C ---------
  N1  86.3  03             17             21             35
LEVEL 1     F22 4288O09    F09 4885F21    F09 4348F03    F09 4887F19
LEVEL 2     F22 4050F11    F09 4538F24    F22 4088F06    F09 4515F23
------- T/O - COMPACTED SNOW - A/I ON 10C AND BELOW - OAT -4C -------
F09 4562D30    F09 5070A37    F09 4981F24    F09 5070A37
```

The Single section display is typically used for presenting contaminated runway data. The data presented is for a single OAT and no wind component. The OAT is displayed in the title of the section and the data is valid for all temperatures equal to or colder than this value. Data in this section is only valid for calm or headwind conditions. As such, data for tailwind conditions must be obtained from Dispatch. The power setting for the section is displayed in the upper left corner. For contaminated runways, the ice protection system corrections may be automatically applied depending on the OAT, as noted in the section title. Since the data is calculated only for one temperature, the flap setting is displayed before the corresponding MRTW. The flap setting is preceded with the “F” symbol. For a description of the levels of contamination, see the front of the takeoff section.

```
------------- SPECIAL ENG FAIL TAKEOFF PROCEDURES --------------
RWY CLB VIA       REACHING   OR         TURN      FRA   HOLD
03                RWY END               LT H145   2510
21                D9.3 PXR   1650       LT H130   2510
35                                                 2510
SEE SCOTTSDALE SCF COMPLEX SPECIAL PROCEDURES
```

The special engine failure procedures section is included whenever at least one runway in the takeoff report has a special engine failure procedure. A special engine failure procedure is indicated by the word SPECIAL just below the runway designation in the first section of data in the takeoff report. See the Special Engine Failure Takeoff Path & Procedures section for a full description of special engine failure procedures.

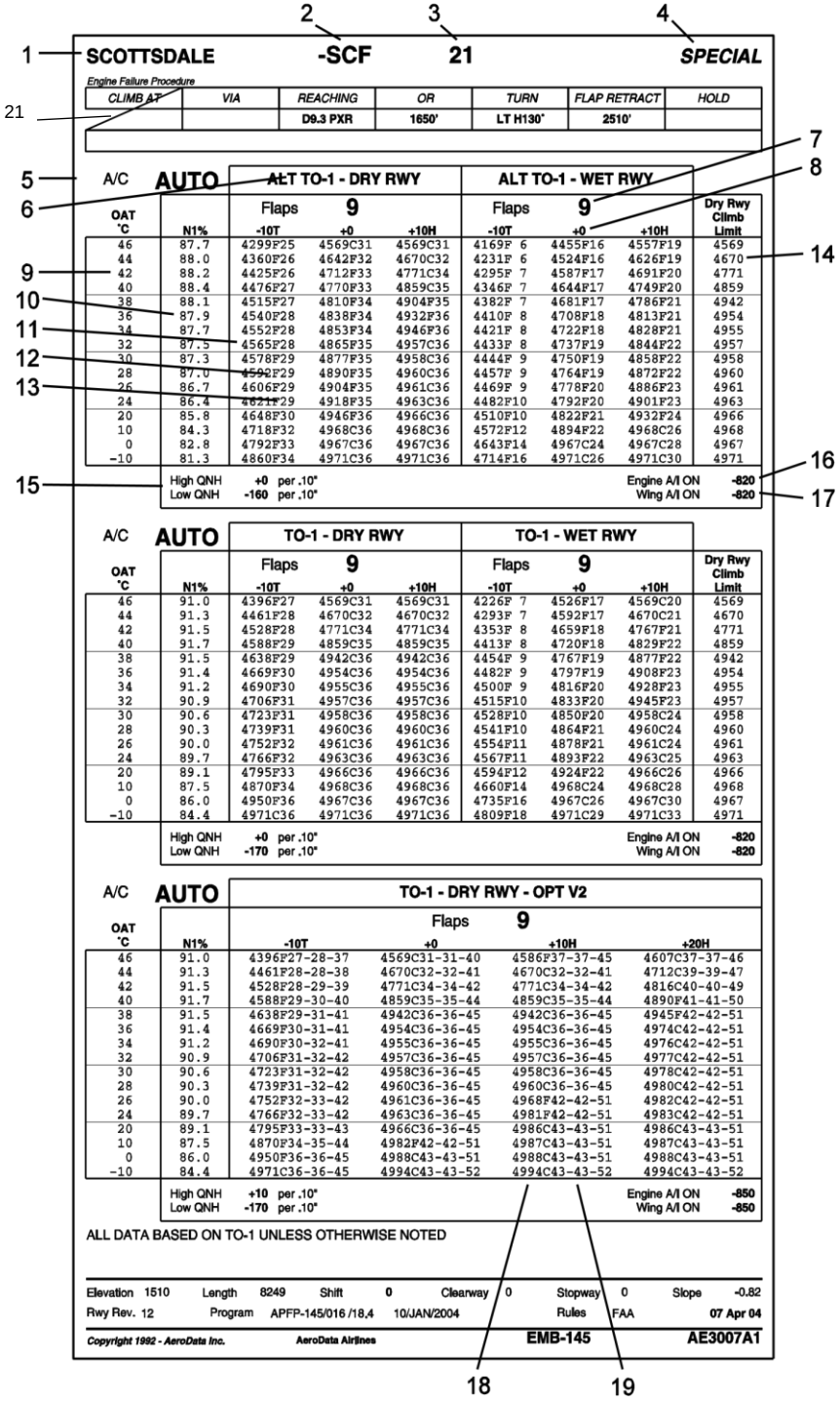
RULES FOR READING THE TAKEOFF REPORT

1. Interpolation is allowed between temperatures. Extrapolation is not allowed.
2. Interpolation is allowed between winds. Tailwind adjustments are always required. Headwind adjustments are optional.
3. If the surface temperature is colder than the lowest temperature shown in the applicable table, use the lowest temperature shown.
4. When adjustments are required, all adjustment values shown must be applied.

TAKEOFF RUNWAY ANALYSIS CHARTS

Takeoff Runway Analysis Charts (Takeoff Charts) are provided as a backup system in cases where a Takeoff Report is not available. Takeoff Charts are generated for various environmental conditions and aircraft configurations. Each chart contains takeoff data for one runway. In general, the front side of the Takeoff Chart contains takeoff data for normal conditions, while the backside contains data for non-normal conditions. The data is presented and read similarly to the Takeoff Report with the exception of adjustments. Columns of tailwind, no wind, and headwind are provided for data look-up and interpolation. Adjustments to data are provided as actual values, whereas the Takeoff Report provides adjustments in the same scale as the takeoff weights. Lastly, QNH corrections are provided for non-standard pressure conditions.

TAKEOFF CHART LAYOUT



SCOTTSDALE -SCF 21 *SPECIAL*

A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	DRY - GEAR EXTENDED Flaps 9 -10T	+0	+10H
46	4396F27	4569C31	4569C31	4385F27	4564C31	4564C31	3664C13	3664C13	3664C13
44	4461F28	4670C32	4670C32	4451F27	4665C32	4665C32	3740C15	3740C15	3740C15
42	4528F28	4771C34	4771C34	4518F28	4767C33	4767C33	3815C16	3815C16	3815C16
40	4588F29	4859C35	4859C35	4577F29	4856C35	4856C35	3886C17	3886C17	3886C17
38	4638F29	4942C36	4942C36	4629F29	4936F36	4938C36	3950C18	3950C18	3950C18
36	4669F30	4954C36	4954C36	4659F30	4951C36	4951C36	3997C19	3997C19	3997C19
34	4690F30	4955C36	4955C36	4682F30	4952C36	4952C36	4026C19	4026C19	4026C19
32	4706F31	4957C36	4957C36	4697F31	4953C36	4953C36	4028C19	4028C19	4028C19
30	4723F31	4958C36	4958C36	4713F31	4954C36	4954C36	4030C19	4030C19	4030C19
28	4739F31	4960C36	4960C36	4728F31	4955C36	4955C36	4033C19	4033C19	4033C19
26	4752F32	4961C36	4961C36	4743F31	4957C36	4957C36	4035C20	4035C20	4035C20
24	4766F32	4963C36	4963C36	4756F32	4959C36	4959C36	4038C20	4038C20	4038C20
20	4795F33	4966C36	4966C36	4785F32	4962C36	4962C36	4043C20	4043C20	4043C20
10	4870F34	4968C36	4968C36	4836F34	4900C35	4900C35	4053C20	4053C20	4053C20
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -130 per .10"		
	Engine A/I ON Wing A/I ON			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	WET - GEAR EXTENDED Flaps 9 -10T	+0	+10H
46	4226F 7	4526F17	4569C20	4220F 7	4519F17	4564C20	3664C 7	3664C13	3664C13
44	4293F 7	4592F17	4670C21	4285F 7	4584F17	4665C20	3740C 7	3740C15	3740C15
42	4353F 8	4659F18	4767F21	4347F 8	4652F18	4759F21	3815C 8	3815C16	3815C16
40	4413F 8	4720F18	4829F22	4407F 8	4712F18	4820F21	3886C 8	3886C17	3886C17
38	4454F 9	4767F19	4877F22	4448F 9	4759F19	4869F22	3950C 9	3950C18	3950C18
36	4482F 9	4797F19	4908F23	4476F 9	4789F19	4900F22	3997C 9	3997C19	3997C19
34	4500F 9	4816F20	4928F23	4494F 9	4810F20	4922F23	4026C 9	4026C19	4026C19
32	4515F10	4833F20	4945F23	4509F10	4826F20	4938F23	4028C10	4028C19	4028C19
30	4528F10	4850F20	4958C24	4523F10	4842F20	4954C24	4030C10	4030C19	4030C19
28	4541F10	4864F21	4960C24	4535F10	4857F21	4955C24	4033C10	4033C19	4033C19
26	4554F11	4878F21	4961C24	4548F11	4871F21	4957C24	4035C11	4035C20	4035C20
24	4567F11	4893F22	4963C25	4560F11	4886F21	4959C25	4038C11	4038C20	4038C20
20	4594F12	4924F22	4966C26	4588F12	4916F22	4962C25	4043C12	4043C20	4043C20
10	4660F14	4968C24	4968C28	4625F14	4900C24	4900C27	4053C14	4053C20	4053C20
	High QNH +0 per .10" Low QNH -160 per .10"			High QNH +0 per .10" Low QNH -160 per .10"			High QNH +0 per .10" Low QNH -130 per .10"		
	Engine A/I ON Wing A/I ON			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps 9 -10T	+0	+10H
28			4253F97	3388F91	3905F 1	4014F 5	2759F97	3606F 5	3694F 9
26			4319F98	3424F91	3919F 1	4028F 5	3047F97	3618F 6	3705F 9
24			4334F98	3474F92	3934F 2	4041F 5	3110F97	3631F 6	3717F 9
22			4344F99	3497F92	3948F 2	4056F 6	3206F97	3640F 6	3729F10
20			4356F99	3525F92	3965F 3	4074F 6	3263F97	3651F 7	3739F10
18		3427F98	4368F99	3550F92	3976F 3	4084F 6	3414F97	3660F 7	3752F10
16		3771F98	4382F 0	3596F92	3989F 3	4097F 7	3423F97	3671F 7	3764F11
14		4080F98	4394F 0	3632F93	4000F 4	4108F 7	3430F97	3680F 8	3774F11
12		4301F98	4404F 1	3633F93	4008F 4	4117F 7	3439F97	3688F 8	3782F12
10		4320F98	4414F 1	3643F93	4018F 4	4130F 8	3444F98	3700F 9	3789F12
0		4387F 0	4474F 3	3733F95	4091F 6	4205F10	3495F 0	3761F10	3857F14
-10		4454F 2	4552F 6	3814F97	4164F 8	4289F12	3546F 1	3818F13	3915F16
-20		4521F 4	4623F 8	3886F99	4227F10	4289F12	3594F 3	3882F15	3947F18
-30		4589F 6	4697F10	3956F 1	4276D12	4289F12	3647F 6	3942F17	3947F18
	High QNH +60 per .10" Low QNH -2620 per .10"			High QNH +0 per .10" Low QNH -80 per .10"			High QNH +40 per .10" Low QNH -60 per .10"		
	Engine A/I ON -990 Wing A/I ON -990			Engine A/I ON -560 Wing A/I ON -560			Engine A/I ON -610 Wing A/I ON -610		

20

Elevation 1510 Length 8249 Shift 0 Clearway 0 Stopway 0 Slope -0.82
Rwy Rev. 12 Program APFP-145/016 /18.4 10/JAN/2004 Rules FAA 07 Apr 04

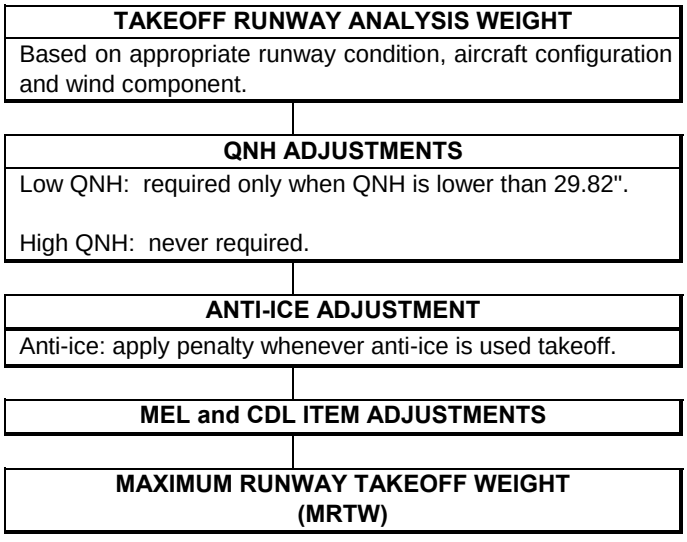
Copyright 1992 - AeroData Inc. AeroData Airlines EMB-145 AE3007A1

1. City / airport name.
2. Airport IATA identifier.
3. Runway designation.
4. Engine failure procedure - (LT, RT, or DT NAVAID or Heading) or (SPECIAL)
   RT = Right Turn
   LT = Left Turn

DT = Direct (turn to NAVAID or heading in direction of shortest distance) H = Heading (i.e. RT H180) 5. Bleed/Pack configuration.

6. Runway condition and aircraft configuration.
7. Flap setting.
8. Wind (knots) columns
   T = Tailwind
   H = Headwind
   Tailwind adjustments are always required. Headwind adjustments are never required, but may be used when necessary.
9. Outside air temperature (OAT).
10. Takeoff N1%.
11. Maximum runway takeoff weight (MRTW) in 10 lbs.
12. Limit code for the weight shown.
    C = Climb B = Brakes
    ^ = Obstacle T = Tires
    F = Field V = V_{mcg}
    A = Maximum AFM Chart Weight
    D = Dry Runway Weight Check (Wet MRTW cannot exceed dry MRTW)
13. Maximum V_1 for the associated conditions. Add 100 if the number shown is less than 80.
14. Climb limit weight in 10 lbs. for the dry runway flap setting.
15. QNH deviation adjustments.
16. Anti-ice ON adjustment.
17. Engine and Wing anti-ice ON adjustment. Not used for EMB145.
18. Optimum V_2 MRTW in 10 lb. Only provided if weight is at least 100 lb. greater than the corresponding Minimum V_2 weight.
19. Optimum V_2 maximum takeoff speeds (V_1, V_R, V_2). Add 100 to each number.
20. Contaminated runway tables.
21. Special Procedures for Airports

TAKEOFF CHARTS MRTW DETERMINATION



RULES FOR READING TAKEOFF CHARTS

1. Interpolation is allowed between adjacent temperatures. Extrapolation is not allowed.
2. Interpolation is allowed between winds. Tailwind adjustments are always required. Headwind adjustments are optional.

3. If the surface temperature is colder than lowest temperature shown in the applicable table, use the lowest temperature shown.

QNH Corrections

Takeoff Charts are based on standard day pressure conditions, therefore, QNH corrections are made from 29.92". QNH corrections to Takeoff Chart weights are only required when QNH is lower than 29.82", since weight corrections between 29.82" and 29.92" are negligible. For example, if QNH is 29.72", a .20" correction is required. QNH corrections above 29.92" are not required, but may be used if additional weight capability is needed. Interpolation is allowed when necessary.

2.3 TAKEOFF SPEEDS

MAX V1

Takeoff runway analysis utilizes the benefits of clearway, stopway, wind, runway slope, and reduced V_1s for brake energy, all of which may alter the actual V_1 used for takeoff. Instead of making adjustments to quick reference V_1s to account for the above conditions, takeoff runway analysis pages provide a maximum V_1 (MAX V_1). MAX V_1 is the highest V_1 allowed for takeoff for the applicable conditions. When an aircraft is near, but not at, maximum takeoff weight, MAX V_1 ensures that the V_1 used for takeoff does not exceed that required to stop the airplane in the event of an aborted takeoff. MAX V_1 will reduce V_1 from V_R to increase the field limit weight, decrease V_1 to equal V_{MBE}, and most importantly provide a reduced V_1 when a range of V_1s is available. The MAX V_1 will always provide a reduced V_1 whenever there is excess runway available and a reduction in V_1 will not decrease the maximum allowable takeoff weight. This is normally the case when the takeoff is second segment climb limited. When operating on other than dry runways or with inoperative systems that effect takeoff performance, V_1 may need to be reduced to account for degraded takeoff performance. Using this method, instead of making V_1 adjustments in the flight deck, the crew need only ensure that the V_1 for takeoff does not exceed MAX V_1.

When the V_1 determined for takeoff exceeds MAX V_1, V_1 will be set equal to MAX V_1. DO NOT reduce V_R. V_R and V_2 remain unchanged.

4.0 LANDING

4.1 LANDING PERFORMANCE

Landing data is provided in two formats. The Landing Runway Analysis Report (Landing Report) provides specific aircraft landing performance for the destination airport. Additional general landing tables are provided for situations when the Landing Report is not available or, if available, does not account for temporary conditions such as NOTAMs.

RUNWAY NAMING CONVENTIONS

SHORTENED RUNWAYS
Shortened runways are designated using the following code: "26L-E2000F"

26L Indicates the base runway
– Indicates that the runway has been shortened
E Indicates the end of the runway which has been shortened (possible values are N, NE, E, SE, S SW, W, NW)
2000 Indicates the shortened distance
F Indicates the units for the shortened distance where "F" = feet and "M" = meters. The shortened distance unit shown will correspond to that given by the applicable shortened runway NOTAM.

LAND AND HOLD SHORT OPERATIONS (LAHSO) RUNWAYS
LAHSO Runways are designated by using "/" between the landing runway designation and the hold short runway intersection or nearest aligned runway designation. The following naming conventions represent LAHSO runway designations.

09R/S Landing runway 09R hold short intersection S.
14R/09R Landing runway 14R hold short runway 09R(27L).

ARRESTING GEAR CABLE RUNWAYS
Runways equipped with an arresting gear cable(s) are designated by using "CBL". The following naming conventions represent cable runway designations.

22L-NECBL Runway 22L with cable on Northeast (approach) end of runway deployed. Effective runway length is the distance from the cable to the roll-out end of the runway.
22L-SWCBL Runway 22L with cable on Southwest (roll-out) end of runway deployed. Effective runway length is the distance from the approach end of the runway to the cable.
22L-CBL-CBL Runway 22L with cable on Northeast (approach) and Southwest (roll-out) ends of the runway deployed. Effective runway length is the distance between cables.
22L-1000F-CBL Runway 22L with 1000F ("M" if meters) NOTAM on Northeast (approach) end of runway and cable on roll-out end of the runway deployed. Effective runway length is the distance from 22L minus 1000F to the cable.
22L-CBL-1000F Runway 22L with cable on Northeast (approach) end of runway deployed and 1000F ("M" if meters) NOTAM on roll-out end of the runway. Effective runway length is the distance from the cable to the roll-out end of the runway minus 1000F due to NOTAM.

LANDING REPORT LAYOUT

The Landing Report is an extension of the Takeoff Report. As such, this section describes the differences between the Takeoff Report and the Landing Report. Refer to the Takeoff Report Layout section for supplemental documentation.

```
/// LANDING DATA ///

APT  PRWY         POAT PWIND  PQNH  PMRLW FLP PLDW
PHX  08           0.0  000M00 29.92 4800  45  4400
RMKS ANTI-ICE ON
     WET RUNWAY

-------- ---- ------ ----- ------- --- ----- --- --------------------
RWY      OAT  WIND   QNH   MRLW    FLP VREF  PWR CONFIG/CONDITION
```

PMRLW – Planned maximum runway landing weight.
PLDW – Planned landing weight.

There are two types of data sections that may appear on a Landing Report. The Normal section type provides reference maximum landing weights and power settings based on outside air temperature. The Distance section type provides landing distance information based on aircraft weight.

```
--------------- DRY RWY - A/I OFF - NO ICE ACCRETION ----------------
FLAP 22 / FLAP 45
            07L             07R             08              25L
  OAT       10300 FT        7800 FT         10591 FT        7800 FT
   04       4800A/4800A     4800A/4800A     4800A/4800A     4800A/4800A
   02       4800A/4800A     4800A/4800A     4800A/4800A     4800A/4800A
 / 00       4800A/4800A     4800A/4800A     4800A/4800A     4800A/4800A
  -02       4800A/4800A     4800A/4800A     4800A/4800A     4800A/4800A
  -04       4800A/4800A     4800A/4800A     4800A/4800A     4800A/4800A
HW/10KT          0/    0         0/    0         0/    0         0/    0
TW/10KT          0/    0       -70/    0         0/    0       -70/    0
EAI              0/    0         0/    0         0/    0         0/    0 ICING
-458/ -458     -458/ -458      -458/ -458      -458/ -458
```

A landing data section is identified by the title line, which describes the base conditions and airplane configuration for which the data was calculated. The conditions and configuration listed override any listed in the RMKS section. The next few lines of data indicate the runway, runway length, and flap setting. See the description of PRWY in the Takeoff Report Layout section for runway naming conventions.

In the Normal section, a line of landing data consists of temperature, power setting, MRLW (maximum runway landing weight), and limit code. Dashes in place of an MRLW or MRLW adjustment indicate that landing data is not available for the specified condition. The "/" symbol is used to indicate a POAT within the temperature scale.
Limit codes are as follows:
A – Maximum AFM Chart Weight
B – Brakes
C – Climb

F – Field
T – Tires

Following the base landing data is adjustments data. Adjustments are used to modify base landing data for nonstandard configurations or conditions. Adjustment data may contain adjustment values for power setting, MRLW, and Vref, as required. Wind adjustments are in terms of weight per 10 knots of wind. Adjustments are cumulative.

Adjustment abbreviations:

HW – Headwind
TW – Tailwind
EAI – Engine Anti-ice
ICING – Ice Accretion

```
---------------------- FACTORED LANDING DISTANCE ----------------------
         FLAP 22            FLAP 45
  LDW    DRY       WET      DRY       WET
  4500   6484      7457     4926      5665
  4450   6420      7383     4884      5616
/ 4400   6355      7309     4842      5568
  4350   6293      7237     4799      5519
  4300   6231      7166     4757      5471
HW/KT     -30       -35      -24       -28
TW/KT      97       112       78        90

------------------- DEMONSTRATED LANDING DISTANCE -------------------
         FLAP 22            FLAP 45
  LDW    DRY       WET      DRY       WET
  4500   3891      4474     2956      3399
  4450   3852      4430     2930      3370
/ 4400   3813      4385     2905      3341
  4350   3776      4342     2880      3312
  4300   3739      4299     2854      3283
HW/KT     -18       -21      -15       -17
TW/KT      58        67       47        54
END TAKEOFF AND LANDING REPORT LCT 123 SCF-PHX 20OCT13
```

The Distance section display is used for presenting landing distances based on aircraft weight. The data presented is for a range of landing weights (LDW) above and below the planned landing weight (PLDW). Dashes in place of a distance or distance adjustment indicate that landing data is not available for the specified condition. The "/" symbol is used to indicate a PLDW within the weight scale. Landing distance data is based on crossing the beginning of the available landing distance at 50' at Vref with the flaps in the specified landing configuration. Distance data includes both the air and ground distances from a height of 50 feet. Below the weight scale are adjustments for factors that affect landing distance. Wind adjustments are in terms of distance per knot of wind. Adjustments are cumulative.

GENERAL LANDING TABLES

MAXIMUM LANDING WEIGHT – FIELD LENGTH LIMIT - DISPATCH

The Field Length Limit tables are used to determine the maximum landing weight allowed for dispatch based on an available landing distance. To determine the maximum field length limit landing weight, first correct available landing distance for any non-normal conditions as indicated. Next, correct available landing distance for any headwind or tailwind condition as indicated. Lastly, enter the main table with the correct landing distance available and airport pressure altitude to read the maximum field length limit landing weight.

Required landing distance for a given weight may also be obtained by following the above instructions in reverse order.

LANDING DISTANCE - INFLIGHT USE ONLY

The Landing Distance tables are provided for inflight determination of landing distances. These tables are not to be used to determine dispatch field length requirements. Landing distance is the horizontal distance necessary to land and come to a complete stop from a point 50 feet above the landing surface at Vref on a level runway at ISA temperature. Data is presented for weights above structural landing in case of emergency/return to land situations. Enter the chart with pressure altitude of the field and predicted gross weight of the aircraft at the time of landing to find the actual landing distance. For any non-normal conditions, make the appropriate adjustment using the Adjustments table. The table may also be entered in reverse to determine the amount of weight allowed for a given runway.

MAXIMUM LANDING WEIGHT - CLIMB LIMITS

The Climb Limit tables are used to determine the maximum landing weight, which is the lesser of either landing climb or approach climb limit weights. For accurate computational purposes, some of these weights may exceed structural limits. These weights are based on aircraft performance and do not reflect structural limitations. However, the maximum structural landing weight remains the limiting factor. Enter the chart with pressure altitude of the field and OAT to find the maximum landing weight. Follow the notes on the bottom for adjustments.

MAXIMUM QUICK TURNAROUND WEIGHT

Maximum quick turnaround weights are presented for use when Brake Temperature Indicators are inoperative. Refer to MEL for applicability.

ATTN: THIS PAGE IS ONLY HERE TO CREATE THE TABLE OF CONTENTS
THE REAL APP PAGES ARE IN THE APENDIXX.DOC FILE

TAKEOFF DATA

LANDING DATA

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RUNWAY ANALISYS

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1016'		**RT H140**	**1016'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	3669F12	3940F18	4020F20	2743F99	3820F 6	3917F 9	4725
46	87.7	3727F12	4010F19	4092F21		3882F 6	3982F10	4844
44	87.6	3765F13	4052F20	4134F22		3920F 7	4023F10	4901
42	87.4	3779F13	4067F20	4149F22		3936F 7	4038F10	4947
40	87.1	3793F13	4079F20	4164F22		3951F 8	4054F11	4959
38	86.8	3803F14	4089F21	4174F22	2695F 2	3963F 8	4065F11	4961
36	86.6	3814F14	4099F21	4184F22	2900F 1	3974F 8	4076F12	4962
34	86.3	3825F14	4109F21	4195F23	3068F 1	3986F 8	4087F12	4964
32	86.0	3836F14	4119F21	4205F23	3230F 1	3998F 9	4099F12	4966
30	85.7	3848F15	4130F21	4216F23	3361F 0	4010F 9	4111F13	4968
20	84.3	3906F16	4183F22	4272F24	3762F 0	4070F11	4170F14	4976
10	82.8	3965F18	4237F23	4328F25	3818F 2	4129F13	4231F16	4973
0	81.3	4028F19	4296F24	4390F26	3877F 4	4192F14	4299F18	4984
-10	79.8	4082F20	4352F25	4449F27	3937F 5	4255F16	4366F20	4988
-20	78.3	4134F21	4412F27	4512F28	4000F 7	4322F18	4437F22	4985
-30	76.7	4186F22	4473F28	4574F29	4063F 9	4391F20	4509F24	4983

High QNH **+70** per .10" Engine A/I ON **-380**
Low QNH **-140** per .10" Wing A/I ON **-380**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 22 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	3918^ 9	4024^11	4059^12	3802F95	4024D 5	4059D 8	4175
46	90.9	4016^ 9	4123^12	4159^13	3755F96	4123D 5	4159D 9	4283
44	90.8	4105^ 9	4215^14	4251^14	3713F96	4215^ 6	4251D 9	4378
42	90.5	4193^10	4306^15	4343^15	3672F97	4304^ 6	4343D 9	4471
40	90.2	4273^ 9	4391^16	4428^16	3618F98	4388^ 6	4428D 9	4562
38	89.9	4348F 9	4474^17	4514^17	3568F98	4470^ 6	4514D 9	4650
36	89.7	4388F 9	4557^17	4598^18	3522F99	4529F 6	4597^ 9	4738
34	89.4	4415F 9	4599^18	4641^18	3514F99	4520F 6	4640^ 9	4779
32	89.1	4428F 9	4602^18	4644^19	3546F 0	4545F 7	4643^10	4785
30	88.8	4440F10	4602^18	4644^19	3579F 0	4570F 7	4644^10	4786
20	87.3	4471^11	4603^18	4646^19	3740F 1	4601^ 9	4646D12	4792
10	85.8	4459^13	4589^18	4634^18	3897F 2	4589D11	4634D14	4786
0	84.2	4460^15	4591^18	4637^18	4060F 3	4591D13	4637D16	4795
-10	82.7	4451^16	4584^18	4631^18	4096F 5	4584D15	4631D18	4797
-20	81.1	4437^16	4572^18	4621^18	4257F 7	4572D17	4621D18	4793
-30	79.5	4419^15	4559^17	4609^18	4417F 8	4559D17	4609D18	4789

High QNH **+80** per .10" Engine A/I ON **-800**
Low QNH **-160** per .10" Wing A/I ON **-800**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
48	90.8	3918^ 9-10-17	4024^11-11-19	4059^12-12-19	4093^12-12-19
46	90.9	4016^ 9-11-18	4123^12-12-20	4159^13-13-20	4194^13-13-21
44	90.8	4105^ 9-12-20	4215^14-14-21	4251^14-14-21	4288^15-15-22
42	90.5	4193^10-13-21	4306^15-15-22	4343^15-15-22	4380^16-16-23
40	90.2	4273^ 9-14-21	4391^16-16-23	4428^16-16-23	4468^17-17-24
38	89.9	4348F 9-15-22	4474^17-17-24	4514^17-17-24	4554^18-18-25
36	89.7	4388F 9-15-23	4557^17-17-25	4598^18-18-25	4638^19-19-26
34	89.4	4415F 9-15-23	4599^18-18-25	4641^18-18-26	4682^19-19-26
32	89.1	4428F 9-16-23	4602^18-18-25	4644^19-19-26	4685^19-19-26
30	88.8	4440F10-16-23	4602^18-18-25	4644^19-19-26	4685^19-19-26
20	87.3	4471^11-16-24	4603^18-18-25	4646^19-19-26	4689^19-19-26
10	85.8	4459^13-16-24	4589^18-18-25	4634^18-18-25	4678^19-19-26
0	84.2	4460^15-16-24	4591^18-18-25	4637^18-18-25	4682^19-19-26
-10	82.7	4451^16-16-23	4584^18-18-25	4631^18-18-25	4679^19-19-26
-20	81.1	4437^16-16-23	4572^18-18-25	4621^18-18-25	4670^19-19-26
-30	79.5	4419^15-15-23	4559^17-17-25	4609D18-18-25	4660^19-19-26

High QNH **+80** per .10" Engine A/I ON **-800**
Low QNH **-160** per .10" Wing A/I ON **-800**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	16	Length	5577	Shift	**0**	Clearway	329	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**25 Oct 16**

Copyright 1992 - AeroData Inc. **TAR Mexico** **EMB-145** **AE3007A1P**

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **22**

OAT °C	-10T	+0	+10H
48	3918^ 9	4024^11	4059^12
46	4016^ 9	4123^12	4159^13
44	4105^ 9	4215^14	4251^14
42	4193^10	4306^15	4343^15
40	4273^ 9	4391^16	4428^16
38	4348F 9	4474^17	4514^17
36	4388F 9	4557^17	4598^18
34	4415F 9	4599^18	4641^18
32	4428F 9	4602^18	4644^19
30	4440F10	4602^18	4644^19
20	4471^11	4603^18	4646^19
10	4459^13	4589^18	4634^18
0	4460^15	4591^18	4637^18
-10	4451^16	4584^18	4631^18

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-800**
Wing A/I ON **-800**

DRY - EAI VLV INOP OPEN

Flaps **22**

OAT °C	-10T	+0	+10H
48	3912^ 8	4018^11	4052^12
46	4009^ 9	4117^12	4152^13
44	4097^ 9	4208^13	4244^14
42	4184^ 9	4299^15	4335^15
40	4266^ 9	4384^16	4422^16
38	4336F 9	4467^16	4507^17
36	4377F 9	4540^17	4580^18
34	4403F 9	4569^18	4610^18
32	4416F 9	4592^18	4634^18
30	4429F10	4596^18	4638^18
20	4465^11	4596^18	4639^18
10	4388^14	4514^17	4558^18
0	4387^15	4513^17	4558^18
-10	4386^15	4516^17	4562^18

High QNH **+60** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-40**
Wing A/I ON **-40**

Flaps

-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

Flaps **22**

OAT °C	-10T	+0	+10H
48	3802F95	4024D 5	4059D 8
46	3755F96	4123D 5	4159D 9
44	3713F96	4215^ 6	4251D 9
42	3672F97	4304^ 6	4343D 9
40	3618F98	4388^ 6	4428D 9
38	3568F98	4470^ 6	4514D 9
36	3522F99	4529F 6	4597^ 9
34	3514F99	4520F 6	4640^ 9
32	3546F 0	4545F 7	4643^10
30	3579F 0	4570F 7	4644^10
20	3740F 1	4601^ 9	4646D12
10	3897F 2	4589D11	4634D14
0	4060F 3	4591D13	4637D16
-10	4096F 5	4584D15	4631D18

High QNH **+60** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-800**
Wing A/I ON **-800**

WET - EAI VLV INOP OPEN

Flaps **22**

OAT °C	-10T	+0	+10H
48	3792F95	4018D 5	4052D 8
46	3748F96	4117D 5	4152D 9
44	3703F96	4207^ 5	4244D 9
42	3662F97	4297^ 6	4335D 9
40	3613F98	4381^ 6	4422D 9
38	3566F98	4463^ 6	4507D 9
36	3517F99	4520F 6	4579^ 9
34	3510F99	4514F 6	4609^ 9
32	3542F99	4536F 6	4632^10
30	3575F 0	4561F 7	4638^10
20	3734F 1	4594^ 8	4639D12
10	3891F 2	4514D11	4558D14
0	4050F 3	4513D13	4558D17
-10	4085F 5	4516D15	4562D18

High QNH **+60** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-40**
Wing A/I ON **-40**

Flaps

-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

Flaps

OAT °C	-10T	+0	+10H
28			
26			
24			
22			
20			
18			
16			
14			
12			
10			
0			
-10			
-20			
-30			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28		3030F94	3429F95
26		3102F94	3446F96
24		3159F94	3461F96
22		3187F94	3475F96
20		3217F94	3488F97
18		3247F94	3501F97
16		3276F94	
14		3307F95	
12		3339F95	3545F98
10		3370F95	3557F98
0		3492F96	3652F 0
-10		3568F98	3743F 1
-20		3655F 0	3850F 3
-30		3750F 1	3974F 4

High QNH **+80** per .10"
Low QNH **-430** per .10"

Engine A/I ON **-270**
Wing A/I ON **-270**

LEVEL 3 CONTAM

Flaps

-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	16	Length	5577	Shift	**0**	Clearway	329	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**25 Oct 16**

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TAR Mexico **EMB-145** **AE3007A1P**

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1016'		**DT H103**	**1016'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4538^30	4637^31	4670^32
46	87.7	4651^31	4751^33	4784^33
44	87.6	4730^32	4833^34	4868^35
42	87.4	4780^33	4884^35	4919^35
40	87.1	4786^33	4891^35	4926^36
38	86.8	4787^33	4893^35	4928^36
36	86.6	4788^33	4894^35	4929^36
34	86.3	4789^33	4895^35	4931^36
32	86.0	4789^33	4896^35	4932^36
30	85.7	4790^33	4898^35	4933^36
20	84.3	4791^33	4902^35	4939^36
10	82.8	4780^33	4894^35	4932^36
0	81.3	4781^33	4899^35	4938^36
-10	79.8	4775^33	4896^35	4937^36
-20	78.3	4763^33	4888^35	4931^36
-30	76.7	4748^33	4878^35	4922^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4538D29	4637D31	4670D32	4725
4651D29	4751D33	4784D34	4844
4730D30	4833D34	4868D35	4901
4780D30	4884D35	4919D36	4947
4786D30	4891D35	4926D36	4959
4787D31	4893D35	4928D36	4961
4788D31	4894D35	4929D36	4962
4789D31	4895D35	4931D36	4964
4789D32	4896D35	4932D36	4966
4790D32	4898D35	4933D36	4968
4791D33	4902D35	4939D36	4976
4780D33	4894D35	4932D36	4973
4781D33	4899D35	4938D36	4984
4775D33	4896D35	4937D36	4988
4763D33	4888D35	4931D36	4985
4748D33	4878D35	4922D36	4983

High QNH **+0** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-850** — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4552^30	4650^32	4682^32
46	90.9	4666^31	4764^33	4797^34
44	90.8	4771^33	4871^35	4905^35
42	90.5	4874^34	4976^36	5011^37
40	90.2	4968^36	5071A37	5071A37
38	89.9	5058^37	5071A37	5071A37
36	89.7	5071A37	5071A37	5071A37
34	89.4	5071A37	5071A37	5071A37
32	89.1	5071A37	5071A37	5071A37
30	88.8	5071A36	5071A36	5071A36
20	87.3	5071A36	5071A36	5071A36
10	85.8	5071A36	5071A36	5071A36
0	84.2	5071A36	5071A36	5071A36
-10	82.7	5071A36	5071A36	5071A36
-20	81.1	5071A36	5071A36	5071A36
-30	79.5	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4552D30	4650D32	4682D32	4726
4666D31	4764D33	4797D34	4846
4771D32	4871D35	4905D35	4951
4874D32	4976D36	5011D37	5055
4968D32	5071A37	5071A37	5071
5058^32	5071A37	5071A37	5071
5071A32	5071A37	5071A37	5071
5071A33	5071A37	5071A37	5071
5071A33	5071A37	5071A37	5071
5071A34	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Low QNH **-170** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4552^30-30-39	4650^32-32-41	4682^32-32-41	4715^33-33-42
46	90.9	4666^31-31-41	4764^33-33-42	4797^34-34-43	4831^34-34-43
44	90.8	4771^33-33-42	4871^35-35-44	4905^35-35-44	4938^36-36-45
42	90.5	4874^34-34-44	4976^36-36-45	5011^37-37-46	5044^37-37-46
40	90.2	4968^36-36-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
38	89.9	5058^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Low QNH **-170** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	16	Length	10827	Shift	**0**	Clearway	328	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**23 Aug 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP — Flaps **9**

OAT °C	-10T	+0	+10H
48	4552^30	4650^32	4682^32
46	4666^31	4764^33	4797^34
44	4771^33	4871^35	4905^35
42	4874^34	4976^36	5011^37
40	4968^36	5071A37	5071A37
38	5058^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A36	5071A36	5071A36
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN — Flaps **9**

OAT °C	-10T	+0	+10H
48	4544^30	4642^31	4675^32
46	4658^31	4757^33	4790^34
44	4762^33	4862^34	4896^35
42	4864^34	4966^36	5000^36
40	4960^35	5064^37	5071A37
38	5050^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - 1 FLP CHNL INOP — Flaps **9**

OAT °C	-10T	+0	+10H
48	4552D30	4650D32	4682D32
46	4666D31	4764D33	4797D34
44	4771D32	4871D35	4905D35
42	4874D32	4976D36	5011D37
40	4968D32	5071A37	5071A37
38	5058^32	5071A37	5071A37
36	5071A32	5071A37	5071A37
34	5071A33	5071A37	5071A37
32	5071A33	5071A37	5071A37
30	5071A34	5071A36	5071A36
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN — Flaps **9**

OAT °C	-10T	+0	+10H
48	4544D30	4642D32	4675D32
46	4658D31	4757D33	4790D34
44	4762D32	4862D35	4896D35
42	4864D32	4966D36	5000D37
40	4960D32	5064D37	5071A37
38	5050^32	5071A37	5071A37
36	5071A32	5071A37	5071A37
34	5071A33	5071A37	5071A37
32	5071A33	5071A37	5071A37
30	5071A34	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 1 CONTAM — Flaps **9**

OAT °C	-10T	+0	+10H
28	4804F10	5071A20	5071A23
26	4817F10	5071A20	5071A24
24	4830F11	5071A21	5071A24
22	4843F11	5071A21	5071A25
20	4856F11	5071A21	5071A25
18	4869F12	5071A22	5071A26
16	4881F12	5071A22	5071A26
14	4893F13	5071A23	5071A27
12	4906F13	5071A23	5071A27
10	4918F13	5071A24	5071A28
0	4988F15	5071A26	5071A30
-10	5060F17	5071A29	5071A33
-20	5071A20	5071A32	5071A36
-30	5071A23	5071A35	5071A36

High QNH **+0** per .10"
Low QNH **-60** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 2 CONTAM — Flaps **9**

OAT °C	-10T	+0	+10H
28	4492F14	4721F23	4797F26
26	4503F14	4732F23	4810F26
24	4514F15	4744F24	4822F26
22	4525F15	4756F24	4835F27
20	4536F15	4767F24	4847F27
18	4546F16	4779F25	4860F28
16	4557F16	4788F25	4873F28
14	4568F16	4803F25	4885F28
12	4578F17	4812F26	4898F29
10	4589F17	4824F26	4910F29
0	4650F19	4892F28	4981F31
-10	4704F21	4957F30	5050F33
-20	4762F23	5025F32	5071A35
-30	4818F25	5071A34	5071A36

High QNH **+0** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-560**
Wing A/I ON **-560**

LEVEL 3 CONTAM — Flaps

OAT °C	-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 16 Length 10827 Shift **0** Clearway 328 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **23 Aug 18**

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ACAPULCO **-ACA** **24** ***DT H242***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1016'		**DT H242**	**1016'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	3704F13	3890^17	3941^18	3209F98	3854F 7	3940^10	4725
46	87.7	3763F13	3967^19	4019^20	2930F 0	3916F 7	4014F11	4844
44	87.6	3800F14	4011^19	4063^20	2825F 1	3955F 8	4055F11	4901
42	87.4	3814F14	4024^19	4078^20	2957F 1	3971F 8	4071F11	4947
40	87.1	3829F14	4038^20	4091^21	3078F 1	3986F 8	4086F12	4959
38	86.8	3839F14	4045^20	4099^21	3231F 0	3998F 9	4095^12	4961
36	86.6	3850F15	4052^20	4106^21	3357F 0	4009F 9	4104^12	4962
34	86.3	3861F15	4060^20	4113^21	3475F 0	4021F 9	4113^13	4964
32	86.0	3873F15	4068^20	4121^21	3579F 0	4033F10	4121D13	4966
30	85.7	3884F16	4075^20	4129^21	3690F 0	4044F10	4129D13	4968
20	84.3	3943F17	4115^21	4170^22	3797F 1	4103F12	4170D15	4976
10	82.8	3992^19	4150^22	4205^23	3851F 3	4150D13	4205D17	4973
0	81.3	4034^19	4192^22	4248^24	3912F 4	4192D15	4248D19	4984
-10	79.8	4070^20	4229^23	4287^24	3973F 6	4229D17	4287D21	4988
-20	78.3	4103^21	4265^24	4324^25	4036F 8	4265D20	4324D23	4985
-30	76.7	4136^21	4300^24	4359^26	4097F10	4300D22	4359D25	4983

High QNH **+60** per .10" Engine A/I ON **-510**
Low QNH **-140** per .10" Wing A/I ON **-510**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 22 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	3802^ 8	3921^10	3962^10	3755^96	3921D 6	3962D10	4175
46	90.9	3890^ 9	4014^11	4055^11	3836^96	4014D 7	4055D10	4283
44	90.8	3971^10	4099^12	4142^12	3805F97	4099D 7	4142D10	4378
42	90.5	4046^11	4177^13	4221^13	3768F98	4177D 7	4221D11	4471
40	90.2	4106^12	4246^14	4292^14	3717F98	4246D 7	4292D11	4562
38	89.9	4161^12	4311^14	4360^15	3668F99	4311D 8	4360D11	4650
36	89.7	4215^12	4375^15	4426^16	3620F99	4371^ 8	4426D11	4738
34	89.4	4244^12	4410^15	4461^16	3613F 0	4404^ 8	4461D11	4779
32	89.1	4254^12	4417^15	4469^16	3644F 0	4414^ 8	4469D12	4785
30	88.8	4262^12	4423^16	4475^16	3676F 0	4422^ 8	4475D12	4786
20	87.3	4297^14	4454^16	4504^17	3833F 1	4454D10	4504D14	4792
10	85.8	4322^14	4475^16	4523^17	3987F 3	4475D12	4523D16	4786
0	84.2	4357^15	4506^17	4555^17	4145F 4	4506D14	4555D18	4795
-10	82.7	4383^15	4528^17	4579^18	4179F 6	4528D16	4579D18	4797
-20	81.1	4405^15	4545^17	4601^18	4333F 7	4545D18	4601D18	4793
-30	79.5	4419^15	4559^17	4609^18	4419D 9	4559D17	4609D18	4789

High QNH **+80** per .10" Engine A/I ON **-640**
Low QNH **-150** per .10" Wing A/I ON **-640**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
48	90.8	3802^ 8- 8-16	3921^10-10-17	3962^10-10-18	4004^11-11-18
46	90.9	3890^ 9- 9-17	4014^11-11-18	4055^11-11-19	4099^12-12-19
44	90.8	3971^10-10-18	4099^12-12-19	4142^12-12-20	4186^13-13-20
42	90.5	4046^11-11-19	4177^13-13-20	4221^13-13-21	4266^14-14-21
40	90.2	4106^12-12-20	4246^14-14-21	4292^14-14-22	4339^15-15-22
38	89.9	4161^12-12-20	4311^14-14-22	4360^15-15-22	4407^16-16-23
36	89.7	4215^12-13-21	4375^15-15-23	4426^16-16-23	4475^16-16-24
34	89.4	4244^12-13-21	4410^15-15-23	4461^16-16-24	4511^17-17-24
32	89.1	4254^12-13-21	4417^15-15-23	4469^16-16-24	4518^17-17-24
30	88.8	4262^12-13-22	4423^16-16-23	4475^16-16-24	4525^17-17-24
20	87.3	4297^14-14-22	4454^16-16-23	4504^17-17-24	4554^17-17-25
10	85.8	4322^14-14-22	4475^16-16-24	4523^17-17-24	4574^18-18-25
0	84.2	4357^15-15-22	4506^17-17-24	4555^17-17-25	4606^18-18-25
-10	82.7	4383^15-15-23	4528^17-17-24	4579^18-18-25	4631^18-18-25
-20	81.1	4405^15-15-23	4545^17-17-24	4601^18-18-25	4653^19-19-26
-30	79.5	4419^15-15-23	4559^17-17-25	4609^18-18-25	4660^19-19-26

High QNH **+80** per .10" Engine A/I ON **-640**
Low QNH **-150** per .10" Wing A/I ON **-640**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 16 Length 5577 Shift **0** Clearway 329 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **08 Jun 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3802^ 8	3921^10	3962^10	3795^ 8	3915^10	3956^10			
46	3890^ 9	4014^11	4055^11	3882^ 9	4007^11	4048^11			
44	3971^10	4099^12	4142^12	3962^10	4089^12	4133^12			
42	4046^11	4177^13	4221^13	4029^11	4164^13	4209^13			
40	4106^12	4246^14	4292^14	4097^12	4239^13	4285^14			
38	4161^12	4311^14	4360^15	4153^11	4303^14	4352^15			
36	4215^12	4375^15	4426^16	4205^11	4367^15	4419^16			
34	4244^12	4410^15	4461^16	4235^11	4401^15	4452^16			
32	4254^12	4417^15	4469^16	4245^12	4409^15	4460^16			
30	4262^12	4423^16	4475^16	4254^12	4416^15	4468^16			
20	4297^14	4454^16	4504^17	4288^14	4447^16	4496^17			
10	4322^14	4475^16	4523^17	4273^14	4421^16	4469^16			
0	4357^15	4506^17	4555^17	4299^14	4442^16	4476^16			
-10	4383^15	4528^17	4579^18	4323^14	4465^16	4514^17			
	High QNH +80 per .10" Low QNH -150 per .10"			High QNH +80 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -640 Wing A/I ON -640			Engine A/I ON -70 Wing A/I ON -70			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3755^96	3921D 6	3962D10	3749^96	3915D 6	3956D 9			
46	3836^96	4014D 7	4055D10	3829^96	4007D 6	4048D10			
44	3805F97	4099D 7	4142D10	3795F97	4089D 7	4133D10			
42	3768F98	4177D 7	4221D11	3752F98	4164D 7	4209D10			
40	3717F98	4246D 7	4292D11	3711F98	4239D 7	4285D11			
38	3668F99	4311D 8	4360D11	3663F99	4303D 7	4352D11			
36	3620F99	4371^ 8	4426D11	3615F99	4363^ 7	4419D11			
34	3613F 0	4404^ 8	4461D11	3608F 0	4395^ 8	4452D11			
32	3644F 0	4414^ 8	4469D12	3639F 0	4406^ 8	4460D11			
30	3676F 0	4422^ 8	4475D12	3671F 0	4416^ 8	4468D12			
20	3833F 1	4454D10	4504D14	3828F 1	4447D10	4496D14			
10	3987F 3	4475D12	4523D16	3976F 3	4421D12	4469D16			
0	4145F 4	4506D14	4555D18	4134F 4	4442D14	4476D18			
-10	4179F 6	4528D16	4579D18	4167F 6	4465D16	4514D18			
	High QNH +80 per .10" Low QNH -150 per .10"			High QNH +80 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -640 Wing A/I ON -640			Engine A/I ON -70 Wing A/I ON -70			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28					3205F94	3459F96			
26					3233F94	3472F96			
24					3262F94	3472F96			
22					3287F94	3499F97			
20					3315F95	3514F97			
18					3345F95	3528F97			
16					3375F95	3541F98			
14					3405F95	3555F98			
12					3433F95	3573F98			
10					3454F96	3590F99			
0					3525F97	3685F 1			
-10					3602F99	3789F 2			
-20					3694F 0	3898F 4			
-30					3793F 2	4028F 5			
	High QNH per .10" Low QNH per .10"			High QNH +80 per .10" Low QNH -100 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON Wing A/I ON			Engine A/I ON -270 Wing A/I ON -270			Engine A/I ON Wing A/I ON		

Elevation	16	Length	5577	Shift	**0**	Clearway	329	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**08 Jun 18**

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ACAPULCO **-ACA** **28** ***SPECIAL***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		500'		**LT H250**	**1016'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4401^27	4544^30	4592^31	4401D28	4544D30	4592D31	4725
46	87.7	4505^29	4651^31	4701^32	4505D29	4651D32	4701D32	4844
44	87.6	4557^29	4705^32	4756^33	4557D30	4705D32	4756D33	4901
42	87.4	4578^30	4728^32	4780^33	4578D30	4728D33	4780D34	4947
40	87.1	4593^30	4743^32	4794^33	4593D30	4743D33	4794D34	4959
38	86.8	4596^30	4746^33	4798^33	4596D30	4746D33	4798D34	4961
36	86.6	4600^30	4750^33	4802^33	4600D31	4750D33	4802D34	4962
34	86.3	4603^30	4755^33	4806^34	4603D31	4755D33	4806D34	4964
32	86.0	4608^30	4759^33	4811^34	4608D31	4759D33	4811D34	4966
30	85.7	4612^30	4763^33	4815^34	4612D31	4763D33	4815D34	4968
20	84.3	4633^31	4785^33	4837^34	4633D31	4785D34	4837D34	4976
10	82.8	4645^31	4797^33	4850^34	4645D31	4797D34	4850D35	4973
0	81.3	4667^31	4820^34	4874^35	4667D32	4820D34	4874D35	4984
-10	79.8	4682^31	4838^34	4892^35	4682D32	4838D34	4892D35	4988
-20	78.3	4693^32	4850^34	4904^35	4693D32	4850D35	4904D35	4985
-30	76.7	4703^32	4861^34	4915^35	4703D32	4861D35	4915D36	4983

High QNH **+30** per .10" Engine A/I ON **-750**
Low QNH **-170** per .10" Wing A/I ON **-750**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4424^28	4564^30	4613^31	4424D28	4564D31	4613D31	4726
46	90.9	4530^29	4673^32	4723^32	4530D30	4673D32	4723D33	4846
44	90.8	4624^30	4771^33	4822^34	4624D31	4771D33	4822D34	4951
42	90.5	4712^32	4863^34	4915^35	4712D32	4863D35	4915D35	5055
40	90.2	4793^33	4947^35	5000^36	4793D33	4947D36	5000D37	5071
38	89.9	4867^34	5024^36	5071A37	4867D33	5024D37	5071A37	5071
36	89.7	4940^34	5071A37	5071A37	4940D33	5071A37	5071A37	5071
34	89.4	4976^35	5071A37	5071A37	4976D33	5071A37	5071A37	5071
32	89.1	4984^35	5071A37	5071A37	4984D34	5071A37	5071A37	5071
30	88.8	4988^35	5071A36	5071A36	4988D34	5071A36	5071A36	5071
20	87.3	5011^35	5071A36	5071A36	5011D36	5071A36	5071A36	5071
10	85.8	5022^36	5071A36	5071A36	5022D36	5071A36	5071A36	5071
0	84.2	5048^36	5071A36	5071A36	5048D36	5071A36	5071A36	5071
-10	82.7	5066^36	5071A36	5071A36	5066D36	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4424^28-28-37	4564^30-30-39	4613^31-31-40	4661^32-32-41
46	90.9	4530^29-29-39	4673^32-32-41	4723^32-32-42	4772^33-33-42
44	90.8	4624^30-30-40	4771^33-33-42	4822^34-34-43	4873^35-35-44
42	90.5	4712^32-32-42	4863^34-34-44	4915^35-35-45	4967^36-36-45
40	90.2	4793^33-33-43	4947^35-35-45	5000^36-36-46	5053^37-37-47
38	89.9	4867^34-34-44	5024^36-36-46	5071A37-37-47	5071A37-37-47
36	89.7	4940^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	4976^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	4984^35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	4988^35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	5011^35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5022^36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5048^36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5066^36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 16 Length 10827 Shift **0** Clearway 328 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **08 Jun 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4424^28	4564^30	4613^31	4417^27	4557^30	4605^31			
46	4530^29	4673^32	4723^32	4522^29	4666^31	4715^32			
44	4624^30	4771^33	4822^34	4614^30	4762^33	4813^34			
42	4712^32	4863^34	4915^35	4701^31	4851^34	4903^35			
40	4793^33	4947^35	5000^36	4785^32	4939^35	4992^36			
38	4867^34	5024^36	5071A37	4859^33	5017^36	5071A37			
36	4940^34	5071A37	5071A37	4932^34	5071A37	5071A37			
34	4976^35	5071A37	5071A37	4965^35	5071A37	5071A37			
32	4984^35	5071A37	5071A37	4973^35	5071A37	5071A37			
30	4988^35	5071A36	5071A36	4981^35	5071A37	5071A37			
20	5011^35	5071A36	5071A36	5004^35	5071A36	5071A36			
10	5022^36	5071A36	5071A36	4967^35	5071A37	5071A37			
0	5048^36	5071A36	5071A36	4973^35	5071A37	5071A37			
-10	5066^36	5071A36	5071A36	4988^35	5071A37	5071A37			
	High QNH +0 per .10"			High QNH +0 per .10"			High QNH per .10"		
	Low QNH -170 per .10"			Low QNH -170 per .10"			Low QNH per .10"		
	Engine A/I ON +0			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON +0			Wing A/I ON +0			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4424D28	4564D31	4613D31	4417D28	4557D30	4605D31			
46	4530D30	4673D32	4723D33	4522D29	4666D32	4715D33			
44	4624D31	4771D33	4822D34	4614D31	4762D33	4813D34			
42	4712D32	4863D35	4915D35	4701D32	4851D34	4903D35			
40	4793D33	4947D36	5000D37	4785D33	4939D36	4992D36			
38	4867D33	5024D37	5071A37	4859D33	5017D37	5071A37			
36	4940D33	5071A37	5071A37	4932D33	5071A37	5071A37			
34	4976D33	5071A37	5071A37	4965D33	5071A37	5071A37			
32	4984D34	5071A37	5071A37	4973D34	5071A37	5071A37			
30	4988D34	5071A36	5071A36	4981D34	5071A37	5071A37			
20	5011D36	5071A36	5071A36	5004D36	5071A36	5071A36			
10	5022D36	5071A36	5071A36	4967D36	5071A37	5071A37			
0	5048D36	5071A36	5071A36	4973D36	5071A37	5071A37			
-10	5066D36	5071A36	5071A36	4988D36	5071A37	5071A37			
	High QNH +0 per .10"			High QNH +0 per .10"			High QNH per .10"		
	Low QNH -170 per .10"			Low QNH -170 per .10"			Low QNH per .10"		
	Engine A/I ON +0			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON +0			Wing A/I ON +0			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4776^10	4976^20	5045^23	4492F14	4721F23	4797F26			
26	4784^10	4984^21	5053^24	4503F14	4732F23	4810F26			
24	4791^11	4991^21	5061^24	4514F15	4744F24	4822F26			
22	4798^11	4999^21	5068^25	4525F15	4756F24	4835F27			
20	4804^12	5007^22	5071A25	4536F15	4767F24	4847F27			
18	4811^12	5014^22	5071A26	4546F16	4779F25	4860F28			
16	4818^13	5021^23	5071A26	4557F16	4788F25	4873F28			
14	4823^13	5027^23	5071A27	4568F16	4803F25	4885F28			
12	4828^13	5032^24	5071A27	4578F17	4812F26	4898F29			
10	4832^14	5036^24	5071A28	4589F17	4824F26	4910F29			
0	4871^16	5071A26	5071A30	4650F19	4892F28	4972^31			
-10	4905^18	5071A29	5071A33	4704F21	4942^30	5024^33			
-20	4933^21	5071A32	5071A36	4762F23	4990^32	5071A35			
-30	4961^23	5071A35	5071A36	4800^25	5042^34	5071A36			
	High QNH +0 per .10"			High QNH +90 per .10"			High QNH per .10"		
	Low QNH -100 per .10"			Low QNH -90 per .10"			Low QNH per .10"		
	Engine A/I ON -650			Engine A/I ON -630			Engine A/I ON		
	Wing A/I ON -650			Wing A/I ON -630			Wing A/I ON		

Elevation	16	Length	10827	Shift	**0**	Clearway	328	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**08 Jun 18**

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AGUASCALIENTES -AGU 17 *DT H176*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7112'		DT H176	7112'	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	89.0	4055^23	4137^24	4164^25
34	89.2	4132^24	4215^25	4243^26
32	89.5	4210^25	4294^26	4322^27
30	89.7	4289^26	4374^28	4403^28
28	89.8	4371^27	4457^29	4485^29
26	89.9	4453^28	4539^30	4568^31
24	90.0	4516F29	4620^31	4650^32
22	90.2	4562F30	4669^32	4698^32
20	90.3	4578F30	4672^32	4702^32
18	90.0	4585^30	4674^32	4704^32
16	89.7	4585^30	4675^32	4705^32
10	88.8	4585^30	4677^32	4708^32
0	87.2	4579^30	4674^32	4705^32
-10	85.6	4566^30	4663^32	4695^32
-20	84.0	4558^30	4659^32	4692^32
-30	82.3	4542^30	4645^31	4680^32

ALT TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4048^13	4137D22	4164D25	4219
4124^13	4215D23	4243D26	4298
4183F13	4294D23	4322D26	4376
4238F14	4374D23	4403D27	4457
4296F14	4456^24	4485D27	4541
4353F15	4537^24	4568D27	4626
4408F15	4617^24	4650^28	4709
4450F16	4665^25	4698^28	4755
4466F16	4669^25	4702D29	4762
4480F17	4671^26	4704D29	4763
4493F17	4673^26	4705D30	4765
4534F18	4677^28	4708D31	4768
4572^20	4674D30	4705D33	4771
4562^22	4663D32	4695D32	4762
4558D25	4659D32	4692D32	4764
4542D28	4645D32	4680D32	4757

High QNH **+100** per .10" Engine A/I ON **-4120**
Low QNH **-170** per .10" Wing A/I ON **-4120**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	93.9	4066^23	4147^24	4174^25
34	93.8	4145^24	4226^26	4254^26
32	93.8	4222^25	4305^27	4333^27
30	93.8	4303^26	4386^28	4414^28
28	93.7	4385^28	4469^29	4497^30
26	93.7	4466^29	4552^30	4580^31
24	93.6	4548^30	4635^31	4664^32
22	93.6	4597^31	4685^32	4714^33
20	93.5	4603^31	4690^32	4719^33
18	93.2	4604^31	4692^32	4721^33
16	93.0	4605^31	4693^32	4722^33
10	92.1	4604^31	4693^32	4724^33
0	90.4	4598^31	4691^32	4721^33
-10	88.8	4584^30	4679^32	4711^33
-20	87.1	4577^30	4675^32	4708^32
-30	85.3	4560^30	4662^32	4696^32

TO - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4060^14	4147D24	4174D25	4220
4137^15	4226D24	4254D26	4300
4214^15	4305D25	4333D27	4378
4292^15	4386D25	4414D28	4459
4363F16	4469D26	4497D29	4543
4421F16	4551^26	4580D29	4627
4482F17	4633^26	4664D30	4712
4530F17	4683^27	4714D30	4758
4566F18	4690^28	4719D31	4764
4582F19	4692D29	4721D32	4766
4593^19	4693D29	4722D32	4767
4594^20	4693D30	4724D33	4770
4592^23	4691D32	4721D33	4772
4583^25	4679D32	4711D33	4764
4577D28	4675D32	4708D33	4766
4560D30	4662D32	4696D32	4759

High QNH **+100** per .10" Engine A/I ON **-4150**
Low QNH **-170** per .10" Wing A/I ON **-4150**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
36	93.9	4066^23-23-32	4147^24-24-33	4174^25-25-34	4202^25-25-34
34	93.8	4145^24-24-33	4226^26-26-35	4254^26-26-35	4281^27-27-35
32	93.8	4222^25-25-34	4305^27-27-36	4333^27-27-36	4361^28-28-37
30	93.8	4303^26-26-36	4386^28-28-37	4414^28-28-37	4442^29-29-38
28	93.7	4385^28-28-37	4469^29-29-38	4497^30-30-39	4525^30-30-39
26	93.7	4466^29-29-38	4552^30-30-39	4580^31-31-40	4609^31-31-40
24	93.6	4548^30-30-39	4635^31-31-41	4664^32-32-41	4693^32-32-41
22	93.6	4597^31-31-40	4685^32-32-41	4714^33-33-42	4743^33-33-42
20	93.5	4603^31-31-40	4690^32-32-41	4719^33-33-42	4749^33-33-42
18	93.2	4604^31-31-40	4692^32-32-41	4721^33-33-42	4751^33-33-42
16	93.0	4605^31-31-40	4693^32-32-41	4722^33-33-42	4752^33-33-42
10	92.1	4604^31-31-40	4693^32-32-41	4724^33-33-42	4754^33-33-42
0	90.4	4598^31-31-40	4691^32-32-41	4721^33-33-42	4752^33-33-42
-10	88.8	4584^30-30-40	4679^32-32-41	4711^33-33-42	4743^33-33-42
-20	87.1	4577^30-30-40	4675^32-32-41	4708^32-32-42	4741^33-33-42
-30	85.3	4560^30-30-40	4662^32-32-41	4696D32-32-42	4730^33-33-42

High QNH **+100** per .10" Engine A/I ON **-4150**
Low QNH **-170** per .10" Wing A/I ON **-4150**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6112 Length 9862 Shift **0** Clearway 0 Stopway 0 Slope -0.03
Rwy Rev. Program Rules FAA **27 Sep 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4066^23	4147^24	4174^25
34	4145^24	4226^26	4254^26
32	4222^25	4305^27	4333^27
30	4303^26	4386^28	4414^28
28	4385^28	4469^29	4497^30
26	4466^29	4552^30	4580^31
24	4548^30	4635^31	4664^32
22	4597^31	4685^32	4714^33
20	4603^31	4690^32	4719^33
18	4604^31	4692^32	4721^33
16	4605^31	4693^32	4722^33
10	4604^31	4693^32	4724^33
0	4598^31	4691^32	4721^33
-10	4584^30	4679^32	4711^33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4150**
Wing A/I ON **-4150**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4060^23	4141^24	4168^25
34	4138^24	4220^25	4248^26
32	4217^25	4300^27	4327^27
30	4297^26	4380^28	4408^28
28	4378^27	4462^29	4491^29
26	4456^29	4541^30	4569^31
24	4518^29	4605^31	4634^32
22	4578^30	4666^32	4695^32
20	4597^31	4684^32	4713^33
18	4598^31	4686^32	4715^33
16	4599^31	4687^32	4716^33
10	4188^25	4276^26	4304^27
0	4529^30	4622^31	4653^32
-10	4517^29	4612^31	4644^32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4060^14	4147D24	4174D25
34	4137^15	4226D24	4254D26
32	4214^15	4305D25	4333D27
30	4292^15	4386D25	4414D28
28	4363F16	4469D26	4497D29
26	4421F16	4551^26	4580D29
24	4482F17	4633^26	4664D30
22	4530F17	4683^27	4714D30
20	4566F18	4690^28	4719D31
18	4582F19	4692D29	4721D32
16	4593^19	4693D29	4722D32
10	4594^20	4693D30	4724D33
0	4592^23	4691D32	4721D33
-10	4583^25	4679D32	4711D33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4150**
Wing A/I ON **-4150**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4053^14	4141D24	4168D25
34	4131^14	4220D24	4248D26
32	4208^15	4300D25	4327D27
30	4287^15	4380D25	4408D28
28	4353F16	4462D25	4491D29
26	4411F16	4540^26	4569D29
24	4464F17	4603^26	4634D30
22	4509F17	4664^27	4695D30
20	4557F18	4684^28	4713D31
18	4571F18	4686D28	4715D32
16	4586F19	4687D29	4716D32
10	4188D22	4276D26	4304D27
0	4525^23	4622D31	4653D32
-10	4517D25	4612D31	4644D32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3825F95	4045F 4	4122F 7
26	3884F96	4105F 5	4184F 8
24	3943F96	4167F 5	4246F 8
22	3987F97	4214F 6	4293F 8
20	4012F97	4244F 6	4324F 9
18	4024F97	4257F 7	4338F 9
16	4034F98	4270F 7	4352F10
14	4046F98	4280F 7	4365F10
12	4056F98	4295F 8	4378F11
10	4068F99	4306F 8	4391F11
0	4122F 1	4368F10	4455F13
-10	4180F 3	4433F12	4520F15
-20	4240F 5	4502F14	4589F17
-30	4302F 7	4568F16	4652^20

High QNH **+110** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1960**
Wing A/I ON **-1960**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3536F 0	3727F 9	3790F11
26	3595F 0	3790F 9	3854F12
24	3657F 1	3855F 9	3921F12
22	3706F 1	3910F10	3976F13
20	3740F 2	3948F11	4015F14
18	3752F 2	3960F11	4028F14
16	3762F 3	3971F11	4040F14
14	3772F 3	3981F12	4050F15
12	3783F 3	3992F12	4059F15
10	3793F 4	4002F12	4073F15
0	3843F 5	4054F14	4126F17
-10	3896F 7	4107F16	4186F19
-20	3946F 9	4166F18	4249F21
-30	3994F11	4226F20	4312F23

High QNH **+110** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1860**
Wing A/I ON **-1860**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	Flaps +0	Flaps +10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 6112 Length 9862 Shift **0** Clearway 0 Stopway 0 Slope -0.03
Rwy Rev. Program Rules FAA **27 Sep 17**

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AGUASCALIENTES -AGU 35 *DT H356*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7112'		DT H356	7112'	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	89.0	4054^23	4136^24	4164^25
34	89.2	4132^24	4215^25	4243^26
32	89.5	4209^25	4293^26	4321^27
30	89.7	4289^26	4374^28	4402^28
28	89.8	4370^27	4456^29	4484^29
26	89.9	4449F28	4538^30	4567^31
24	90.0	4508F29	4620^31	4649^32
22	90.2	4554F30	4668^32	4697^32
20	90.3	4569F30	4671^32	4701^32
18	90.0	4581F30	4673^32	4703^32
16	89.7	4584^30	4674^32	4704^32
10	88.8	4585^30	4676^32	4707^32
0	87.2	4579^30	4673^32	4704^32
-10	85.6	4565^30	4662^32	4694^32
-20	84.0	4558^30	4658^32	4692^32
-30	82.3	4541^30	4645^31	4679^32

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
36	89.0	4047^13	4136D22	4164D25	4219
34	89.2	4121F13	4215D23	4243D26	4298
32	89.5	4177F13	4293D23	4321D26	4376
30	89.7	4232F14	4374D23	4402D27	4457
28	89.8	4289F14	4455^24	4484D27	4541
26	89.9	4346F15	4536^24	4567D27	4626
24	90.0	4401F15	4616^24	4649^28	4709
22	90.2	4443F16	4664^25	4697^28	4755
20	90.3	4460F16	4669^25	4701D29	4762
18	90.0	4473F17	4670^26	4703D29	4763
16	89.7	4487F17	4672^26	4704D30	4765
10	88.8	4525F18	4676^28	4707D31	4768
0	87.2	4571^20	4673D30	4704D33	4771
-10	85.6	4561^23	4662D32	4694D32	4762
-20	84.0	4558D25	4658D32	4692D32	4764
-30	82.3	4541D28	4645D32	4679D32	4757

High QNH **+100** per .10" Engine A/I ON **-4120**
Low QNH **-170** per .10" Wing A/I ON **-4120**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	93.9	4065^23	4147^24	4174^25
34	93.8	4144^24	4226^26	4253^26
32	93.8	4222^25	4305^27	4333^27
30	93.8	4302^26	4386^28	4414^28
28	93.7	4384^28	4468^29	4497^30
26	93.7	4466^29	4551^30	4580^31
24	93.6	4548^30	4634^31	4663^32
22	93.6	4597^31	4684^32	4713^33
20	93.5	4602^31	4690^32	4719^33
18	93.2	4604^31	4691^32	4721^33
16	93.0	4604^31	4692^32	4722^33
10	92.1	4604^31	4693^32	4723^33
0	90.4	4597^31	4690^32	4721^33
-10	88.8	4583^30	4679^32	4711^33
-20	87.1	4576^30	4675^32	4708^32
-30	85.3	4559^30	4661^32	4695^32

TO - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
36	93.9	4059^14	4147D24	4174D25	4220
34	93.8	4136^15	4226D24	4253D26	4300
32	93.8	4213^15	4305D25	4333D27	4378
30	93.8	4292^15	4386D25	4414D28	4459
28	93.7	4356F16	4468D26	4497D29	4543
26	93.7	4415F16	4550^26	4580D29	4627
24	93.6	4475F17	4632^26	4663D30	4712
22	93.6	4523F17	4682^27	4713D30	4758
20	93.5	4559F18	4689^28	4719D31	4764
18	93.2	4575F19	4691D29	4721D32	4766
16	93.0	4589F19	4692D29	4722D32	4767
10	92.1	4594^20	4693D30	4723D33	4770
0	90.4	4591^23	4690D32	4721D33	4772
-10	88.8	4582^25	4679D32	4711D33	4764
-20	87.1	4576D28	4675D32	4708D33	4766
-30	85.3	4559D30	4661D32	4695D32	4759

High QNH **+100** per .10" Engine A/I ON **-4150**
Low QNH **-170** per .10" Wing A/I ON **-4150**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
36	93.9	4065^23-23-32	4147^24-24-33	4174^25-25-34	4201^25-25-34
34	93.8	4144^24-24-33	4226^26-26-35	4253^26-26-35	4281^27-27-35
32	93.8	4222^25-25-34	4305^27-27-36	4333^27-27-36	4360^28-28-37
30	93.8	4302^26-26-36	4386^28-28-37	4414^28-28-37	4442^29-29-38
28	93.7	4384^28-28-37	4468^29-29-38	4497^30-30-39	4525^30-30-39
26	93.7	4466^29-29-38	4551^30-30-39	4580^31-31-40	4608^31-31-40
24	93.6	4548^30-30-39	4634^31-31-41	4663^32-32-41	4692^32-32-41
22	93.6	4597^31-31-40	4684^32-32-41	4713^33-33-42	4742^33-33-42
20	93.5	4602^31-31-40	4690^32-32-41	4719^33-33-42	4748^33-33-42
18	93.2	4604^31-31-40	4691^32-32-41	4721^33-33-42	4750^33-33-42
16	93.0	4604^31-31-40	4692^32-32-41	4722^33-33-42	4752^33-33-42
10	92.1	4604^31-31-40	4693^32-32-41	4723^33-33-42	4753^33-33-42
0	90.4	4597^31-31-40	4690^32-32-41	4721^33-33-42	4752^33-33-42
-10	88.8	4583^30-30-40	4679^32-32-41	4711^33-33-42	4742^33-33-42
-20	87.1	4576^30-30-40	4675^32-32-41	4708^32-32-42	4741^33-33-42
-30	85.3	4559^30-30-40	4661^32-32-41	4695^32-32-42	4729^33-33-42

High QNH **+100** per .10" Engine A/I ON **-4150**
Low QNH **-170** per .10" Wing A/I ON **-4150**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6112 Length 9862 Shift **0** Clearway 0 Stopway 0 Slope +0.03
Rwy Rev. Program Rules FAA **27 Sep 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	4065^23	4147^24	4174^25
34	4144^24	4226^26	4253^26
32	4222^25	4305^27	4333^27
30	4302^26	4386^28	4414^28
28	4384^28	4468^29	4497^30
26	4466^29	4551^30	4580^31
24	4548^30	4634^31	4663^32
22	4597^31	4684^32	4713^33
20	4602^31	4690^32	4719^33
18	4604^31	4691^32	4721^33
16	4604^31	4692^32	4722^33
10	4604^31	4693^32	4723^33
0	4597^31	4690^32	4721^33
-10	4583^30	4679^32	4711^33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4150**
Wing A/I ON **-4150**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4059^23	4140^24	4168^25
34	4138^24	4220^25	4247^26
32	4216^25	4299^27	4327^27
30	4296^26	4380^28	4408^28
28	4377^27	4462^29	4490^29
26	4455^29	4540^30	4569^31
24	4518^29	4604^31	4633^31
22	4577^30	4665^32	4694^32
20	4596^31	4684^32	4712^33
18	4597^31	4685^32	4714^33
16	4598^31	4686^32	4716^33
10	4187^25	4275^26	4304^27
0	4528^30	4621^31	4652^32
-10	4517^29	4611^31	4643^32

High QNH **+90** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	4059^14	4147D24	4174D25
34	4136^15	4226D24	4253D26
32	4213^15	4305D25	4333D27
30	4292^15	4386D25	4414D28
28	4356F16	4468D26	4497D29
26	4415F16	4550^26	4580D29
24	4475F17	4632^26	4663D30
22	4523F17	4682^27	4713D30
20	4559F18	4689^28	4719D31
18	4575F19	4691D29	4721D32
16	4589F19	4692D29	4722D32
10	4594^20	4693D30	4723D33
0	4591^23	4690D32	4721D33
-10	4582^25	4679D32	4711D33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4150**
Wing A/I ON **-4150**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4053^14	4140D24	4168D25
34	4130^14	4220D24	4247D26
32	4207^15	4299D25	4327D27
30	4286^15	4380D25	4408D28
28	4347F16	4462D25	4490D29
26	4405F16	4540^26	4569D29
24	4457F17	4603^26	4633D30
22	4505F17	4663^27	4694D30
20	4550F18	4683^28	4712D31
18	4565F18	4685D28	4714D32
16	4580F19	4686D29	4716D32
10	4187D23	4275D26	4304D27
0	4524^23	4621D31	4652D32
-10	4517D25	4611D31	4643D32

High QNH **+90** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3819F96	4040F 4	4117F 7
26	3878F96	4100F 5	4178F 8
24	3937F96	4162F 5	4241F 8
22	3980F97	4209F 6	4288F 9
20	4006F97	4239F 6	4320F 9
18	4019F98	4252F 7	4333F10
16	4029F98	4264F 7	4346F10
14	4041F98	4275F 7	4359F10
12	4051F99	4290F 8	4373F11
10	4063F99	4301F 8	4386F11
0	4117F 1	4363F10	4450F13
-10	4175F 3	4427F12	4514F15
-20	4235F 5	4496F14	4584F18
-30	4296F 7	4562F17	4651^20

High QNH **+110** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1950**
Wing A/I ON **-1950**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3533F 0	3723F 9	3786F11
26	3592F 1	3787F 9	3850F12
24	3653F 1	3853F 9	3917F12
22	3703F 2	3906F10	3972F13
20	3736F 2	3944F11	4011F14
18	3749F 3	3956F11	4024F14
16	3759F 3	3966F12	4035F14
14	3769F 3	3977F12	4046F15
12	3780F 4	3988F12	4058F15
10	3791F 4	3998F13	4069F15
0	3840F 6	4049F14	4123F17
-10	3891F 7	4103F16	4182F19
-20	3942F 9	4162F18	4245F21
-30	3991F11	4222F20	4308F23

High QNH **+100** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1840**
Wing A/I ON **-1840**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 6112 Length 9862 Shift **0** Clearway 0 Stopway 0 Slope +0.03
Rwy Rev. Program Rules FAA **27 Sep 17**

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BAHIAS DE HUATULCO -HUX 07 *RT H090*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1464'		RT H090	1464'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.5	4465^29	4562^30	4595^31
46	87.8	4574^30	4673^32	4706^32
44	87.8	4671^32	4772^33	4805^34
42	87.7	4751^33	4852^34	4886^35
40	87.6	4781^33	4884^35	4918^35
38	87.3	4793^33	4897^35	4932^36
36	87.0	4794^33	4899^35	4933^36
34	86.7	4794^33	4900^35	4935^36
32	86.4	4795^33	4901^35	4936^36
30	86.2	4795^33	4902^35	4937^36
20	84.8	4797^33	4906^35	4942^36
10	83.3	4786^33	4899^35	4936^36
0	81.8	4786^33	4902^35	4940^36
-10	80.3	4780^33	4899^35	4939^36
-20	78.7	4768^33	4891^35	4933^36
-30	77.2	4754^33	4881^35	4925^36

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4463^22	4562D30	4595D31	4642
4571^22	4673D32	4706D33	4757
4667^23	4772D33	4805D34	4848
4744^23	4852D33	4886D35	4938
4775^23	4884D34	4918D36	4957
4787^24	4897D34	4932D36	4960
4788^24	4899D34	4933D36	4962
4789^24	4900D35	4935D36	4964
4791^25	4901D35	4936D36	4966
4792^25	4902D35	4937D36	4968
4796^28	4906D35	4942D36	4976
4786D30	4899D35	4936D36	4971
4786D32	4902D35	4940D36	4981
4780D33	4899D35	4939D36	4985
4768D33	4891D35	4933D36	4983
4754D33	4881D35	4925D36	4980

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **-840** — Wing A/I ON **-840**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.7	4478^29	4574^31	4606^31
46	90.9	4588^30	4685^32	4717^33
44	91.0	4692^32	4791^34	4824^34
42	90.9	4796^33	4896^35	4929^36
40	90.8	4891^35	4992^36	5026^37
38	90.5	4983^36	5071A37	5071A37
36	90.2	5071A37	5071A37	5071A37
34	89.9	5071A37	5071A37	5071A37
32	89.6	5071A37	5071A37	5071A37
30	89.4	5071A37	5071A37	5071A37
20	87.8	5071A37	5071A37	5071A37
10	86.3	5071A37	5071A37	5071A37
0	84.8	5071A37	5071A37	5071A37
-10	83.2	5071A37	5071A37	5071A37
-20	81.6	5071A37	5071A37	5071A37
-30	80.0	5071A37	5071A37	5071A37

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4478D24	4574D31	4606D31	4643
4587^24	4685D32	4717D33	4758
4689^25	4791D34	4824D34	4864
4791^25	4896D35	4929D36	4968
4885^25	4992D36	5026D37	5069
4975^25	5071A36	5071A37	5071
5062^25	5071A36	5071A37	5071
5071A26	5071A37	5071A37	5071
5071A26	5071A37	5071A37	5071
5071A27	5071A37	5071A37	5071
5071A29	5071A37	5071A37	5071
5071A31	5071A37	5071A37	5071
5071A34	5071A37	5071A37	5071
5071A36	5071A37	5071A37	5071
5071A37	5071A37	5071A37	5071
5071A37	5071A37	5071A37	5071

High QNH **+0** per .10" — Low QNH **-180** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.7	4478^29-29-38	4574^31-31-40	4606^31-31-40	4639^32-32-41
46	90.9	4588^30-30-40	4685^32-32-41	4717^33-33-42	4750^33-33-42
44	91.0	4692^32-32-41	4791^34-34-43	4824^34-34-43	4857^35-35-44
42	90.9	4796^33-33-43	4896^35-35-44	4929^36-36-45	4963^36-36-45
40	90.8	4891^35-35-44	4992^36-36-46	5026^37-37-46	5060^37-37-47
38	90.5	4983^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	90.2	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.9	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.6	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	89.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	86.3	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.2	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	81.6	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.0	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" — Low QNH **-180** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 464 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope -0.37
Rwy Rev. Program Rules FAA **01 Aug 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4478^29	4574^31	4606^31
46	4588^30	4685^32	4717^33
44	4692^32	4791^34	4824^34
42	4796^33	4896^35	4929^36
40	4891^35	4992^36	5026^37
38	4983^36	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A37	5071A37	5071A37
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4470^29	4567^30	4599^31
46	4580^30	4677^32	4710^33
44	4684^32	4783^33	4815^34
42	4787^33	4888^35	4921^35
40	4884^34	4985^36	5019^37
38	4975^36	5071A37	5071A37
36	5055^37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A37	5071A37	5071A37
10	5054^37	5071A37	5071A37
0	5051^37	5071A37	5071A37
-10	5056^37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4478D24	4574D31	4606D31
46	4587^24	4685D32	4717D33
44	4689^25	4791D34	4824D34
42	4791^25	4896D35	4929D36
40	4885^25	4992D36	5026D37
38	4975^25	5071A36	5071A37
36	5062^25	5071A36	5071A37
34	5071A26	5071A37	5071A37
32	5071A26	5071A37	5071A37
30	5071A27	5071A37	5071A37
20	5071A29	5071A37	5071A37
10	5071A31	5071A37	5071A37
0	5071A34	5071A37	5071A37
-10	5071A36	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4470D24	4567D31	4599D31
46	4579^24	4677D32	4710D33
44	4681^25	4783D34	4815D34
42	4782^25	4888D35	4921D36
40	4877^25	4985D36	5019D37
38	4966^25	5071A36	5071A37
36	5045^25	5071A36	5071A37
34	5071A25	5071A37	5071A37
32	5071A26	5071A37	5071A37
30	5071A26	5071A37	5071A37
20	5071A29	5071A37	5071A37
10	5052^31	5071A37	5071A37
0	5051D33	5071A37	5071A37
-10	5056D36	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4586F 3	4853F13	4944F16
26	4599F 4	4866F14	4958F17
24	4611F 4	4879F14	4972F17
22	4621F 4	4893F14	4986F17
20	4635F 5	4906F15	5000F18
18	4647F 5	4920F15	5015F18
16	4659F 5	4931F15	5029F19
14	4670F 6	4944F16	5042F19
12	4679F 6	4957F16	5055F20
10	4691F 7	4969F17	5068F20
0	4759F 9	5045F19	5071A22
-10	4824F11	5071A21	5071A25
-20	4892F13	5071A24	5071A28
-30	4958F15	5071A27	5071A31

High QNH **+0** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-500**
Wing A/I ON **-500**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4251F 8	4487F17	4567F20
26	4262F 8	4497F18	4579F21
24	4273F 9	4510F18	4592F21
22	4284F 9	4521F18	4604F22
20	4295F 9	4533F19	4616F22
18	4305F10	4545F19	4628F22
16	4316F10	4556F20	4641F23
14	4326F10	4567F20	4652F23
12	4336F11	4578F20	4664F23
10	4346F11	4589F21	4675F24
0	4404F13	4654F23	4745F26
-10	4462F15	4719F25	4813F28
-20	4516F17	4783F27	4882F30
-30	4573F19	4854F29	4956F32

High QNH **+80** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-500**
Wing A/I ON **-500**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	464	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.37
Rwy Rev.		Program						Rules	FAA		**01 Aug 17**

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BAHIAS DE HUATULCO -HUX 25 *DT H255*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1464'		**DT H255**	**1464'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.5	4409^28	4554^30	4586^31
46	87.8	4497^29	4647^31	4697^32
44	87.8	4561^30	4716^32	4769^33
42	87.7	4606^30	4763^33	4817^34
40	87.6	4636^31	4793^33	4848^34
38	87.3	4645^31	4803^34	4857^34
36	87.0	4653^31	4811^34	4866^35
34	86.7	4662^31	4820^34	4874^35
32	86.4	4671^31	4829^34	4883^35
30	86.2	4680^31	4838^34	4892^35
20	84.8	4724^32	4882^35	4933^36
10	83.3	4760^33	4889^35	4927^36
0	81.8	4776^33	4892^35	4931^36
-10	80.3	4770^33	4890^35	4930^36
-20	78.7	4758^33	4882^35	4924^35
-30	77.2	4744^32	4872^35	4916^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4409D23	4554D30	4586D31	4642
4492^23	4647D32	4697D32	4757
4554^24	4716D33	4769D34	4848
4596^24	4763D33	4817D35	4938
4627^24	4793D34	4848D35	4957
4637^25	4803D34	4857D35	4960
4648^25	4811D34	4866D36	4962
4658^25	4820D35	4874D36	4964
4669^26	4829D35	4883D36	4966
4680D26	4838D35	4892D36	4968
4724D28	4882D35	4933D36	4976
4760D30	4889D35	4927D36	4971
4776D33	4892D35	4931D36	4981
4770D33	4890D35	4930D36	4985
4758D33	4882D35	4924D36	4983
4744D33	4872D35	4916D35	4980

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **-830** — Wing A/I ON **-830**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.7	4465^29	4566^30	4598^31
46	90.9	4557^30	4677^32	4710^33
44	91.0	4642^31	4782^33	4815^34
42	90.9	4723^32	4877^35	4921^35
40	90.8	4793^33	4952^36	5007^36
38	90.5	4858^34	5020^36	5071A37
36	90.2	4914^34	5071A37	5071A37
34	89.9	4958^35	5071A37	5071A37
32	89.6	4978^35	5071A37	5071A37
30	89.4	4985^35	5071A37	5071A37
20	87.8	5033^36	5071A37	5071A37
10	86.3	5071A37	5071A37	5071A37
0	84.8	5071A37	5071A37	5071A37
-10	83.2	5071A37	5071A37	5071A37
-20	81.6	5071A37	5071A37	5071A37
-30	80.0	5071A37	5071A37	5071A37

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4465D24	4566D31	4598D31	4643
4553^25	4677D32	4710D33	4758
4633^25	4782D34	4815D34	4864
4708^26	4877D35	4921D36	4968
4774^26	4952D36	5007D37	5069
4834^27	5020D36	5071A37	5071
4887^27	5071A36	5071A37	5071
4932^27	5071A37	5071A37	5071
4953^27	5071A37	5071A37	5071
4962^27	5071A37	5071A37	5071
5018^29	5071A37	5071A37	5071
5071A31	5071A37	5071A37	5071
5071A34	5071A37	5071A37	5071
5071A36	5071A37	5071A37	5071
5071A37	5071A37	5071A37	5071
5071A37	5071A37	5071A37	5071

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.7	4465^29-29-38	4566^30-30-39	4598^31-31-40	4631^32-32-40
46	90.9	4557^30-30-39	4677^32-32-41	4710^33-33-42	4742^33-33-42
44	91.0	4642^31-31-41	4782^33-33-43	4815^34-34-43	4849^35-35-44
42	90.9	4723^32-32-42	4877^35-35-44	4921^35-35-45	4954^36-36-45
40	90.8	4793^33-33-43	4952^36-36-45	5007^36-36-46	5052^37-37-47
38	90.5	4858^34-34-44	5020^36-36-46	5071A37-37-47	5071A37-37-47
36	90.2	4914^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.9	4958^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.6	4978^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	89.4	4985^35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.8	5033^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	86.3	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.2	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	81.6	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.0	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 464 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.37
Rwy Rev. Program Rules FAA **01 Aug 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4465^29	4566^30	4598^31	4456^28	4559^30	4591^31			
46	4557^30	4677^32	4710^33	4547^30	4669^32	4702^32			
44	4642^31	4782^33	4815^34	4631^31	4774^33	4807^34			
42	4723^32	4877^35	4921^35	4707^32	4862^34	4912^35			
40	4793^33	4952^36	5007^36	4784^33	4942^35	4997^36			
38	4858^34	5020^36	5071A37	4843^33	5005^36	5062^37			
36	4914^34	5071A37	5071A37	4902^34	5071A37	5071A37			
34	4958^35	5071A37	5071A37	4941^35	5071A37	5071A37			
32	4978^35	5071A37	5071A37	4959^35	5071A37	5071A37			
30	4985^35	5071A37	5071A37	4977^35	5071A37	5071A37			
20	5033^36	5071A37	5071A37	5024^36	5071A37	5071A37			
10	5071A37	5071A37	5071A37	5025^36	5071A37	5071A37			
0	5071A37	5071A37	5071A37	5041^36	5071A37	5071A37			
-10	5071A37	5071A37	5071A37	5045^36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4465D24	4566D31	4598D31	4456D24	4559D30	4591D31			
46	4553^25	4677D32	4710D33	4544^25	4669D32	4702D33			
44	4633^25	4782D34	4815D34	4622^25	4774D33	4807D34			
42	4708^26	4877D35	4921D36	4693^26	4862D35	4912D35			
40	4774^26	4952D36	5007D37	4765^26	4942D36	4997D37			
38	4834^27	5020D36	5071A37	4820^26	5005D36	5062D37			
36	4887^27	5071A36	5071A37	4877^26	5071A36	5071A37			
34	4932^27	5071A37	5071A37	4916^27	5071A37	5071A37			
32	4953^27	5071A37	5071A37	4936^27	5071A37	5071A37			
30	4962^27	5071A37	5071A37	4954^27	5071A37	5071A37			
20	5018^29	5071A37	5071A37	5009^29	5071A37	5071A37			
10	5071A31	5071A37	5071A37	5025D31	5071A37	5071A37			
0	5071A34	5071A37	5071A37	5041D34	5071A37	5071A37			
-10	5071A36	5071A37	5071A37	5045D36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4508F 6	4756^15	4826^19	4196F10	4420F19	4501F22			
26	4520F 6	4767^16	4837^19	4208F10	4432F19	4513F22			
24	4532F 6	4777^16	4848^19	4217F10	4442F20	4525F22			
22	4544F 7	4789^17	4860^20	4227F11	4453F20	4537F23			
20	4556F 7	4800^17	4871^20	4238F11	4465F20	4549F23			
18	4567F 7	4812^17	4883^21	4249F11	4476F21	4562F24			
16	4578F 8	4822^18	4894^21	4259F12	4489F21	4574F24			
14	4589F 8	4832^18	4904^22	4269F12	4500F21	4587F24			
12	4600F 9	4841^19	4912^22	4278F12	4510F22	4598F25			
10	4610F 9	4850^19	4920^22	4288F13	4521F22	4609F25			
0	4677F11	4911^21	4980^25	4341F15	4587F24	4679F27			
-10	4742F13	4968^23	5042^27	4395F17	4651F26	4748F29			
-20	4801^15	5021^26	5071A29	4448F19	4718F28	4817^31			
-30	4858^17	5071A28	5071A32	4501F21	4787F30	4889^33			
	High QNH +0 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -90 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -540 Wing A/I ON -540			Engine A/I ON -480 Wing A/I ON -480			Engine A/I ON Wing A/I ON		

Elevation 464 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.37

Rwy Rev. Program Rules FAA **01 Aug 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1034'		**DT H165**	**1034'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4336^26	4507^29	4558^30	4279^14	4507D24	4558D27	4722
46	87.7	4418^27	4598^30	4651^31	4356F14	4593^24	4651D27	4841
44	87.6	4467^28	4651^31	4706^32	4401F15	4643^25	4706D28	4899
42	87.4	4483^28	4668^31	4722^32	4419F15	4662^25	4722D28	4947
40	87.1	4499^28	4684^31	4737^32	4436F16	4678^25	4737D29	4959
38	86.9	4507^28	4692^32	4746^33	4448F16	4688^26	4746D29	4961
36	86.6	4517^29	4700^32	4754^33	4460F16	4699^26	4754D29	4962
34	86.3	4527^29	4709^32	4763^33	4468^17	4709^26	4763D30	4964
32	86.0	4536^29	4718^32	4771^33	4479^17	4718D27	4771D30	4966
30	85.7	4546^29	4726^32	4780^33	4491^17	4726D27	4780D30	4968
20	84.3	4595^30	4771^33	4823^34	4548^19	4771D29	4823D32	4976
10	82.8	4641^31	4810^34	4860^34	4603^21	4810D31	4860D34	4973
0	81.3	4689^31	4857^34	4904^35	4665^23	4857D33	4904D36	4984
-10	79.8	4735^32	4896^35	4937^36	4721^25	4896D35	4937D36	4988
-20	78.3	4763^33	4888^35	4930^36	4762^27	4888D35	4930D36	4985
-30	76.7	4748^33	4878^35	4922^35	4748D30	4878D35	4922D36	4983

High QNH **+10** per .10" Engine A/I ON **-850**
Low QNH **-160** per .10" Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4408^27	4563^30	4608^31	4338^15	4563D25	4608D29	4723
46	90.9	4495^28	4659^31	4707^32	4417^16	4653^26	4707D29	4842
44	90.8	4576^30	4746^32	4797^33	4491^16	4734^26	4797D30	4948
42	90.5	4650^30	4828^34	4879^34	4559^17	4810^27	4879D30	5051
40	90.2	4703^31	4890^34	4945^35	4611F17	4868^27	4945^30	5071
38	90.0	4751^32	4947^35	5004^36	4652F17	4921^27	5000^30	5071
36	89.7	4797^32	5001^36	5061^37	4696F17	4971^27	5054^31	5071
34	89.4	4829F32	5032^36	5071A37	4724F18	5003^28	5071A31	5071
32	89.1	4841F33	5043^36	5071A37	4738F18	5016^28	5071A31	5071
30	88.8	4848^33	5054^36	5071A37	4752F18	5029^28	5071A32	5071
20	87.3	4901^34	5071A36	5071A36	4821F20	5071A30	5071A34	5071
10	85.8	4951^35	5071A36	5071A36	4883^22	5071A33	5071A36	5071
0	84.2	5009^35	5071A36	5071A36	4950^24	5071A35	5071A36	5071
-10	82.7	5062^36	5071A36	5071A36	5016^26	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A28	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A31	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4408^27-27-37	4563^30-30-39	4608^31-31-40	4649^32-32-41
46	90.9	4495^28-28-38	4659^31-31-41	4707^32-32-42	4750^33-33-42
44	90.8	4576^30-30-40	4746^32-32-42	4797^33-33-43	4842^34-34-43
42	90.5	4650^30-30-41	4828^34-34-43	4879^34-34-44	4926^35-35-45
40	90.2	4703^31-31-41	4890^34-34-44	4945^35-35-45	4996^36-36-46
38	90.0	4751^32-32-42	4947^35-35-45	5004^36-36-46	5058^37-37-47
36	89.7	4797^32-32-43	5001^36-36-46	5061^37-37-47	5071A37-37-47
34	89.4	4829F32-32-43	5032^36-36-46	5071A37-37-47	5071A37-37-47
32	89.1	4841F33-33-43	5043^36-36-46	5071A37-37-47	5071A37-37-47
30	88.8	4848^33-33-44	5054^36-36-47	5071A37-37-47	5071A37-37-47
20	87.3	4901^34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	4951^35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5009^35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5062^36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	34	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.01
Rwy Rev.		Program						Rules	FAA		**04 Apr 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4408^27	4563^30	4608^31
46	4495^28	4659^31	4707^32
44	4576^30	4746^32	4797^33
42	4650^30	4828^34	4879^34
40	4703^31	4890^34	4945^35
38	4751^32	4947^35	5004^36
36	4797^32	5001^36	5061^37
34	4829F32	5032^36	5071A37
32	4841F33	5043^36	5071A37
30	4848^33	5054^36	5071A37
20	4901^34	5071A36	5071A36
10	4951^35	5071A36	5071A36
0	5009^35	5071A36	5071A36
-10	5062^36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4398^27	4555^30	4600^31
46	4485^28	4649^31	4697^32
44	4560^29	4733^32	4784^33
42	4626^30	4807^33	4860^34
40	4691^31	4879^34	4934^35
38	4740^31	4936^35	4994^36
36	4790F32	4990^35	5051^36
34	4816F32	5021^36	5071A37
32	4828F32	5032^36	5071A37
30	4841F33	5043^36	5071A37
20	4891^34	5071A36	5071A36
10	4911^34	5071A37	5071A37
0	4956^35	5071A37	5071A37
-10	5004^36	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4338^15	4563D25	4608D29
46	4417^16	4653^26	4707D29
44	4491^16	4734^26	4797D30
42	4559^17	4810^27	4879D30
40	4611F17	4868^27	4945^30
38	4652F17	4921^27	5000^30
36	4696F17	4971^27	5054^31
34	4724F18	5003^28	5071A31
32	4738F18	5016^28	5071A31
30	4752F18	5029^28	5071A32
20	4821F20	5071A30	5071A34
10	4883^22	5071A33	5071A36
0	4950^24	5071A35	5071A36
-10	5016^26	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4330^15	4555D25	4600D29
46	4409^16	4644^26	4697D29
44	4479^16	4721^26	4784D29
42	4540^17	4790^27	4860D30
40	4601F17	4858^27	4934D30
38	4642F17	4910^27	4990^30
36	4686F17	4962^27	5045^30
34	4715F18	4993^27	5071A31
32	4729F18	5006^28	5071A31
30	4743F18	5020^28	5071A32
20	4812F20	5071A30	5071A34
10	4846^22	5071A32	5071A36
0	4904^24	5071A35	5071A37
-10	4966^26	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		4466F 6	4558F 9
26		4479F 7	4571F10
24	2649F 4	4491F 7	4583F10
22	2781F 3	4503F 7	4596F11
20	2940F 3	4515F 8	4609F11
18	3073F 3	4525F 8	4621F11
16	3214F 3	4537F 8	4634F12
14	3351F 2	4549F 9	4646F12
12	3486F 2	4562F 9	4659F13
10	3619F 2	4574F10	4670F13
0	4277F 2	4643F12	4744F15
-10	4423F 3	4710F14	4816F17
-20	4483F 5	4782F16	4891F19
-30	4545F 8	4855F18	4962^22

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-450**
Wing A/I ON **-450**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3739F 1	4173F 9	4306F12
26	3752F 1	4188F 9	4321F12
24	3764F 1	4204F10	4337F12
22	3777F 2	4220F10	4352F13
20	3789F 2	4235F10	4368F13
18	3801F 2	4250F10	4384F13
16	3814F 3	4265F11	4399F14
14	3825F 3	4279F11	4414F14
12	3843F 3	4294F11	4430F14
10	3859F 4	4311F12	4447F15
0	3939F 5	4397F13	4530F16
-10	4025F 7	4476F15	4603^18
-20	4136F 8	4538^17	4608^18
-30	4225F10	4546^17	4597^18

High QNH **+70** per .10"
Low QNH **-120** per .10"

Engine A/I ON **-550**
Wing A/I ON **-550**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	34	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.01
Rwy Rev.		Program						Rules	FAA		**04 Apr 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1034'		**DT H345**	**1034'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4361F26	4529^29	4572^30
46	87.7	4438F27	4624^31	4667^31
44	87.6	4485F28	4677^31	4722^32
42	87.4	4501F28	4695^32	4740^32
40	87.1	4516F29	4710^32	4755^33
38	86.9	4527F29	4718^32	4762^33
36	86.6	4538F29	4725^32	4769^33
34	86.3	4549F29	4733^32	4777^33
32	86.0	4561F29	4741^32	4787^33
30	85.7	4572F29	4748^33	4797^33
20	84.3	4632F31	4789^33	4848^34
10	82.8	4683^31	4834^34	4895^35
0	81.3	4728^32	4886^35	4938^36
-10	79.8	4766^33	4896^35	4937^36
-20	78.3	4763^33	4888^35	4931^36
-30	76.7	4749^33	4878^35	4922^36

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4286F14	4524^24	4572D27	4722
4358F14	4612^24	4667D27	4841
4403F15	4665^25	4722D28	4899
4421F15	4682^25	4740D28	4947
4438F16	4698^25	4755D29	4959
4450F16	4708^26	4762D29	4961
4462F16	4717^26	4769D29	4962
4474F17	4727^26	4777D30	4964
4487F17	4736^27	4787D30	4966
4500F17	4746^27	4797D30	4968
4566F19	4789D29	4848D32	4976
4631F21	4834D31	4895D34	4973
4696^23	4886D33	4938D36	4984
4747^25	4896D35	4937D36	4988
4763^27	4888D35	4931D36	4985
4749D30	4878D35	4922D36	4983

High QNH **+10** per .10" — Engine A/I ON **-850**
Low QNH **-160** per .10" — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4448^28	4579^30	4636^31
46	90.9	4541F29	4673^32	4729^33
44	90.8	4617F30	4764^33	4815^34
42	90.5	4688F31	4848^34	4894^35
40	90.2	4730F32	4916^35	4961^35
38	90.0	4768F32	4977^35	5024^36
36	89.7	4806F32	5037^36	5071A37
34	89.4	4832F33	5071A37	5071A37
32	89.1	4844F33	5071A37	5071A37
30	88.8	4856F33	5071A37	5071A37
20	87.3	4918F34	5071A36	5071A36
10	85.8	4981F35	5071A36	5071A36
0	84.2	5051F36	5071A36	5071A36
-10	82.7	5071A36	5071A36	5071A36
-20	81.1	5071A36	5071A36	5071A36
-30	79.5	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4358F15	4577^25	4636D28	4723
4432F16	4664^26	4729D29	4842
4502F16	4748^26	4815D30	4948
4567F17	4826^27	4894D30	5051
4611F17	4888^27	4955^30	5071
4655F17	4946^27	5015^30	5071
4698F17	5002^27	5071A30	5071
4727F18	5035^27	5071A31	5071
4741F18	5047^28	5071A31	5071
4754F18	5059^28	5071A32	5071
4823F20	5071A30	5071A34	5071
4892F22	5071A33	5071A36	5071
4967F24	5071A35	5071A36	5071
5045F26	5071A36	5071A36	5071
5071A28	5071A36	5071A36	5071
5071A31	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4448^28-28-38	4579^30-30-40	4636^31-31-41	4694^32-32-41
46	90.9	4541F29-29-39	4673^32-32-41	4729^33-33-42	4788^34-34-43
44	90.8	4617F30-30-40	4764^33-33-42	4815^34-34-43	4875^35-35-44
42	90.5	4688F31-31-41	4848^34-34-44	4894^35-35-44	4955^36-36-45
40	90.2	4730F32-32-42	4916^35-35-45	4961^35-35-45	5016^36-36-46
38	90.0	4768F32-32-42	4977^35-35-45	5024^36-36-46	5071A37-37-47
36	89.7	4806F32-32-43	5037^36-36-46	5071A37-37-47	5071A37-37-47
34	89.4	4832F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	4844F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	4856F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.3	4918F34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	4981F35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5051F36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	34	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.01
Rwy Rev.		Program						Rules	FAA		**04 Apr 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4448^28	4579^30	4636^31	4439^28	4570^30	4627^31			
46	4541F29	4673^32	4729^33	4531F29	4665^31	4718^32			
44	4617F30	4764^33	4815^34	4598F30	4753^33	4800^33			
42	4688F31	4848^34	4894^35	4657F31	4829^34	4873^34			
40	4730F32	4916^35	4961^35	4716F31	4906^35	4951^35			
38	4768F32	4977^35	5024^36	4755F32	4967^35	5015^36			
36	4806F32	5037^36	5071A37	4793F32	5026^36	5071A37			
34	4832F33	5071A37	5071A37	4818F32	5060^36	5071A37			
32	4844F33	5071A37	5071A37	4831F33	5071A37	5071A37			
30	4856F33	5071A37	5071A37	4844F33	5071A37	5071A37			
20	4918F34	5071A36	5071A36	4905F34	5071A36	5071A36			
10	4981F35	5071A36	5071A36	4945F35	5071A37	5071A37			
0	5051F36	5071A36	5071A36	5005F36	5071A37	5071A37			
-10	5071A36	5071A36	5071A36	5047^36	5071A37	5071A37			
	High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4358F15	4577^25	4636D28	4349F15	4569^25	4627D28			
46	4432F16	4664^26	4729D29	4423F16	4655^26	4718D29			
44	4502F16	4748^26	4815D30	4489F16	4736^26	4800D29			
42	4567F17	4826^27	4894D30	4546F17	4808^26	4873D30			
40	4611F17	4888^27	4955^30	4603F17	4879^27	4946^30			
38	4655F17	4946^27	5015^30	4645F17	4937^27	5006^30			
36	4698F17	5002^27	5071A30	4688F17	4992^27	5064^30			
34	4727F18	5035^27	5071A31	4717F18	5025^27	5071A31			
32	4741F18	5047^28	5071A31	4731F18	5037^28	5071A31			
30	4754F18	5059^28	5071A32	4745F18	5045^28	5071A32			
20	4823F20	5071A30	5071A34	4814F20	5071A30	5071A34			
10	4892F22	5071A33	5071A36	4858F22	5071A32	5071A36			
0	4967F24	5071A35	5071A36	4928F24	5071A35	5071A37			
-10	5045F26	5071A36	5071A36	4999F26	5071A37	5071A37			
	High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4468F 6	4560F 9	3741F 1	4174F 9	4309F12			
26		4480F 7	4573F10	3754F 1	4190F 9	4324F12			
24		4493F 7	4586F10	3766F 1	4206F 9	4339F12			
22	2740F 3	4505F 7	4598F11	3779F 2	4221F10	4355F12			
20	2902F 3	4517F 8	4611F11	3791F 2	4238F10	4370F13			
18	3050F 3	4529F 8	4624F11	3803F 2	4250F10	4386F13			
16	3192F 3	4539F 8	4636F12	3816F 3	4266F11	4401F13			
14	3331F 3	4552F 9	4648F12	3829F 3	4280F11	4416F14			
12	3475F 2	4564F 9	4659F12	3844F 3	4296F11	4432F14			
10	3589F 2	4576F10	4672F13	3861F 4	4313F12	4449F15			
0	4265F 2	4645F12	4746F15	3941F 5	4398F13	4532F16			
-10	4426F 3	4712F14	4818F17	4028F 6	4478F15	4602^18			
-20	4486F 5	4784F16	4893F19	4141F 8	4538^17	4609^18			
-30	4546F 7	4857F18	4969F22	4227F10	4542^17	4598^18			
	High QNH **+90** per .10" Low QNH **-100** per .10"			High QNH **+90** per .10" Low QNH **-110** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-450** Wing A/I ON **-450**			Engine A/I ON **-530** Wing A/I ON **-530**			Engine A/I ON Wing A/I ON		

Elevation	34	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.01
Rwy Rev.		Program						Rules	FAA		**04 Apr 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1022'		**DT H125**	**1022'**	

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	4538^30	4637^31	4670^32	4501F19	4637D29	4670D32	4724
46	87.7	4650^31	4750^33	4784^33	4576F19	4750D29	4784D32	4843
44	87.6	4712F32	4833^34	4868^35	4626F20	4833^29	4868D33	4901
42	87.4	4729F32	4884^35	4919^36	4642F20	4882^30	4919D33	4947
40	87.1	4745F33	4891^35	4926^36	4659F20	4890^30	4926D33	4959
38	86.8	4756F33	4893^35	4928^36	4672F21	4893^30	4928D34	4961
36	86.6	4768F33	4895^35	4930^36	4685F21	4895^31	4930D34	4962
34	86.3	4779F33	4896^35	4931^36	4698F21	4896D31	4931D35	4964
32	86.0	4790^33	4897^35	4933^36	4711F22	4897D32	4933D35	4966
30	85.7	4790^33	4898^35	4934^36	4724F22	4898D32	4934D35	4968
20	84.3	4791^33	4903^35	4939^36	4785^24	4903D34	4939D36	4976
10	82.8	4780^33	4894^35	4933^36	4778^26	4894D35	4933D36	4973
0	81.3	4782^33	4899^35	4939^36	4782D28	4899D35	4939D36	4984
-10	79.8	4775^33	4896^35	4937^36	4775D31	4896D35	4937D36	4988
-20	78.3	4764^33	4889^35	4931^36	4764D33	4889D35	4931D36	4985
-30	76.7	4749^33	4879^35	4923^35	4749D33	4879D35	4923D36	4983

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-170** per .10" — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	4551^30	4649^32	4682^32	4544^20	4649D31	4682D32	4725
46	90.9	4665^31	4754^33	4797^34	4656^21	4754D31	4797D34	4844
44	90.8	4770^33	4870^35	4904^35	4731F21	4870D32	4904D35	4950
42	90.5	4873^34	4976^36	5010^37	4801F22	4976D32	5010D35	5054
40	90.2	4967^36	5071A37	5071A37	4848F22	5069^32	5071A35	5071
38	89.9	5013F36	5071A37	5071A37	4892F22	5071A32	5071A36	5071
36	89.7	5053F36	5071A37	5071A37	4935F22	5071A33	5071A36	5071
34	89.4	5071A37	5071A37	5071A37	4962F23	5071A33	5071A37	5071
32	89.1	5071A37	5071A37	5071A37	4977F23	5071A34	5071A37	5071
30	88.8	5071A36	5071A36	5071A36	4992F23	5071A34	5071A36	5071
20	87.3	5071A36	5071A36	5071A36	5066F25	5071A36	5071A36	5071
10	85.8	5071A36	5071A36	5071A36	5071A27	5071A36	5071A36	5071
0	84.2	5071A36	5071A36	5071A36	5071A30	5071A36	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5071A32	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A35	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-210** per .10" — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4551^30-30-39	4649^32-32-41	4682^32-32-41	4714^33-33-42
46	90.9	4665^31-31-41	4754^33-33-42	4797^34-34-43	4830^34-34-43
44	90.8	4770^33-33-42	4870^35-35-44	4904^35-35-44	4937^36-36-45
42	90.5	4873^34-34-44	4976^36-36-45	5010^37-37-46	5043^37-37-46
40	90.2	4967^36-36-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
38	89.9	5013F36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	5053F36-36-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-210** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	22	Length	9186	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.04
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4551^30	4649^32	4682^32	4543^30	4641^31	4674^32			
46	4665^31	4754^33	4797^34	4657^31	4756^33	4789^34			
44	4770^33	4870^35	4904^35	4761^33	4862^34	4896^35			
42	4873^34	4976^36	5010^37	4864^34	4966^36	5000^36			
40	4967^36	5071A37	5071A37	4957F35	5062^37	5071A37			
38	5013F36	5071A37	5071A37	4999F36	5071A37	5071A37			
36	5053F36	5071A37	5071A37	5039F36	5071A37	5071A37			
34	5071A37	5071A37	5071A37	5066F36	5071A37	5071A37			
32	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37			
30	5071A36	5071A36	5071A36	5071A37	5071A37	5071A37			
20	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36			
10	5071A36	5071A36	5071A36	5071A37	5071A37	5071A37			
0	5071A36	5071A36	5071A36	5071A37	5071A37	5071A37			
-10	5071A36	5071A36	5071A36	5071A37	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -210 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4544^20	4649D31	4682D32	4536^20	4641D31	4674D32			
46	4656^21	4754D31	4797D34	4647F21	4756D31	4789D34			
44	4731F21	4870D32	4904D35	4717F21	4862D31	4896D35			
42	4801F22	4976D32	5010D35	4777F21	4966^31	5000D35			
40	4848F22	5069^32	5071A35	4837F22	5061^32	5071A35			
38	4892F22	5071A32	5071A36	4881F22	5071A32	5071A36			
36	4935F22	5071A33	5071A36	4924F22	5071A33	5071A36			
34	4962F23	5071A33	5071A37	4951F22	5071A33	5071A37			
32	4977F23	5071A34	5071A37	4966F23	5071A33	5071A37			
30	4992F23	5071A34	5071A36	4981F23	5071A34	5071A37			
20	5066F25	5071A36	5071A36	5056F25	5071A36	5071A36			
10	5071A27	5071A36	5071A36	5071A27	5071A37	5071A37			
0	5071A30	5071A36	5071A36	5071A29	5071A37	5071A37			
-10	5071A32	5071A36	5071A36	5071A32	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -210 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4402F 1	4684F11	4776F14	4077F 4	4393F13	4507F16			
26	4437F 1	4697F11	4789F15	4093F 5	4406F13	4521F16			
24	4447F 2	4708F12	4803F15	4109F 5	4420F14	4537F16			
22	4458F 2	4721F12	4816F15	4125F 5	4434F14	4551F17			
20	4470F 3	4734F12	4830F16	4141F 5	4447F14	4565^17			
18	4481F 3	4747F13	4843F16	4154F 6	4459F15	4578^17			
16	4491F 3	4760F13	4856F17	4165F 6	4471F15	4594^18			
14	4501F 4	4772F14	4870F17	4175F 6	4486F15	4614F18			
12	4513F 4	4785F14	4880F17	4190F 7	4498^16	4618^18			
10	4523F 4	4797F15	4893F18	4201F 7	4510^16	4618^18			
0	4588F 6	4870F17	4971F20	4269F 9	4572^18	4622^18			
-10	4649F 8	4940F19	5047F22	4331F10	4569^17	4619^18			
-20	4712F10	5015F21	5071A24	4363^12	4559^17	4610^18			
-30	4775F13	5071A23	5071A27	4388^15	4547^17	4599^18			
	High QNH +0 per .10" Low QNH -110 per .10"			High QNH +80 per .10" Low QNH -110 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -480 Wing A/I ON -480			Engine A/I ON -740 Wing A/I ON -740			Engine A/I ON Wing A/I ON		

Elevation 22 Length 9186 Shift **0** Clearway 0 Stopway 0 Slope -0.04

Rwy Rev. Program Rules FAA **31 Aug 16**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1022'		**DT H125**	**1022'**	

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	4537^30	4636^31	4669^32	4537D30	4636D31	4669D32	4724
46	87.7	4650^31	4750^33	4783^33	4650D31	4750D33	4783D34	4843
44	87.6	4730^32	4833^34	4868^35	4730D32	4833D34	4868D35	4901
42	87.4	4779^33	4884^35	4919^35	4779D33	4884D35	4919D36	4947
40	87.1	4786^33	4891^35	4926^36	4786D33	4891D35	4926D36	4959
38	86.8	4788^33	4893^35	4928^36	4788D33	4893D35	4928D36	4961
36	86.6	4788^33	4894^35	4930^36	4788D33	4894D35	4930D36	4962
34	86.3	4789^33	4896^35	4931^36	4789D33	4896D35	4931D36	4964
32	86.0	4789^33	4897^35	4932^36	4789D33	4897D35	4932D36	4966
30	85.7	4790^33	4898^35	4934^36	4790D33	4898D35	4934D36	4968
20	84.3	4791^33	4902^35	4939^36	4791D33	4902D35	4939D36	4976
10	82.8	4780^33	4894^35	4933^36	4780D33	4894D35	4933D36	4973
0	81.3	4782^33	4899^35	4939^36	4782D33	4899D35	4939D36	4984
-10	79.8	4775^33	4896^35	4937^36	4775D33	4896D35	4937D36	4988
-20	78.3	4763^33	4888^35	4931^36	4763D33	4888D35	4931D36	4985
-30	76.7	4748^33	4878^35	4922^35	4748D33	4878D35	4922D36	4983

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-170** per .10" — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	4551^30	4649^32	4681^32	4551D30	4649D32	4681D32	4725
46	90.9	4665^31	4764^33	4797^34	4665D32	4764D33	4797D34	4844
44	90.8	4770^33	4870^35	4904^35	4770D33	4870D35	4904D35	4950
42	90.5	4873^34	4975^36	5010^37	4873D34	4975D36	5010D37	5054
40	90.2	4967^36	5070^37	5071A37	4967D35	5070D37	5071A37	5071
38	89.9	5057^37	5071A37	5071A37	5057D35	5071A37	5071A37	5071
36	89.7	5071A37	5071A37	5071A37	5071A36	5071A37	5071A37	5071
34	89.4	5071A37	5071A37	5071A37	5071A36	5071A37	5071A37	5071
32	89.1	5071A37	5071A37	5071A37	5071A36	5071A37	5071A37	5071
30	88.8	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
20	87.3	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
10	85.8	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
0	84.2	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4551^30-30-39	4649^32-32-41	4681^32-32-41	4714^33-33-42
46	90.9	4665^31-31-41	4764^33-33-42	4797^34-34-43	4830^34-34-43
44	90.8	4770^33-33-42	4870^35-35-44	4904^35-35-44	4937^36-36-45
42	90.5	4873^34-34-44	4975^36-36-45	5010^37-37-46	5043^37-37-46
40	90.2	4967^36-36-45	5070^37-37-47	5071A37-37-47	5071A37-37-47
38	89.9	5057^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	22	Length	11483	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.02
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4551^30	4649^32	4681^32
46	4665^31	4764^33	4797^34
44	4770^33	4870^35	4904^35
42	4873^34	4975^36	5010^37
40	4967^36	5070^37	5071A37
38	5057^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A36	5071A36	5071A36
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4543^30	4641^31	4674^32
46	4657^31	4756^33	4789^34
44	4761^33	4861^34	4895^35
42	4863^34	4966^36	4999^36
40	4959^35	5062^37	5071A37
38	5049^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4551D30	4649D32	4681D32
46	4665D32	4764D33	4797D34
44	4770D33	4870D35	4904D35
42	4873D34	4975D36	5010D37
40	4967D35	5070D37	5071A37
38	5057D35	5071A37	5071A37
36	5071A36	5071A37	5071A37
34	5071A36	5071A37	5071A37
32	5071A36	5071A37	5071A37
30	5071A36	5071A36	5071A36
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4543D30	4641D32	4674D32
46	4657D31	4756D33	4789D34
44	4761D33	4861D35	4895D35
42	4863D34	4966D36	4999D37
40	4959D35	5062D37	5071A37
38	5049D35	5071A37	5071A37
36	5071A35	5071A37	5071A37
34	5071A36	5071A37	5071A37
32	5071A36	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	4924F12	5071A23	5071A26
26	4937F13	5071A23	5071A27
24	4950F13	5071A24	5071A27
22	4963F14	5071A24	5071A28
20	4974F14	5071A25	5071A28
18	4984^14	5071A25	5071A29
16	4996^15	5071A26	5071A29
14	5006^15	5071A26	5071A30
12	5016^16	5071A27	5071A30
10	5025^16	5071A27	5071A31
0	5071A18	5071A30	5071A33
-10	5071A21	5071A32	5071A36
-20	5071A23	5071A35	5071A36
-30	5071A26	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **+0** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	4609F16	4848F25	4925F28
26	4620F16	4861F25	4937F28
24	4632F17	4873F26	4950F28
22	4643F17	4884F26	4963F29
20	4654F18	4897F26	4973^29
18	4666F18	4908F27	4985^30
16	4677F18	4921F27	4997^30
14	4689F19	4931F27	5008^30
12	4699F19	4943F28	5020^31
10	4710F19	4955F28	5031^31
0	4773F21	5019^30	5071A33
-10	4833F23	5071A32	5071A36
-20	4894F25	5071A35	5071A36
-30	4951F27	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-540**
Wing A/I ON **-540**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	Flaps +0	Flaps +10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	22	Length	11483	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.02
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1022'		**DT H305**	**1022'**	

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	4537^30	4636^31	4669^32	4537D30	4636D31	4669D32	4724
46	87.7	4649^31	4749^33	4783^33	4649D31	4749D33	4783D34	4843
44	87.6	4729^32	4832^34	4867^35	4729D32	4832D34	4867D35	4901
42	87.4	4779^33	4883^35	4918^35	4779D33	4883D35	4918D36	4947
40	87.1	4786^33	4891^35	4925^36	4786D33	4891D35	4925D36	4959
38	86.8	4787^33	4893^35	4928^36	4787D33	4893D35	4928D36	4961
36	86.6	4788^33	4894^35	4929^36	4788D33	4894D35	4929D36	4962
34	86.3	4788^33	4895^35	4930^36	4788D33	4895D35	4930D36	4964
32	86.0	4789^33	4896^35	4932^36	4789D33	4896D35	4932D36	4966
30	85.7	4789^33	4897^35	4933^36	4789D33	4897D35	4933D36	4968
20	84.3	4791^33	4902^35	4939^36	4791D33	4902D35	4939D36	4976
10	82.8	4780^33	4893^35	4932^36	4780D33	4893D35	4932D36	4973
0	81.3	4781^33	4898^35	4938^36	4781D33	4898D35	4938D36	4984
-10	79.8	4775^33	4896^35	4937^36	4775D33	4896D35	4937D36	4988
-20	78.3	4763^33	4888^35	4930^36	4763D33	4888D35	4930D36	4985
-30	76.7	4748^33	4878^35	4922^35	4748D33	4878D35	4922D36	4983

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-170** per .10" — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	4550^30	4648^32	4681^32	4550D30	4648D32	4681D32	4725
46	90.9	4664^31	4763^33	4796^34	4664D32	4763D33	4796D34	4844
44	90.8	4769^33	4869^35	4903^35	4769D33	4869D35	4903D35	4950
42	90.5	4873^34	4975^36	5009^37	4873D34	4975D36	5009D37	5054
40	90.2	4967^36	5070^37	5071A37	4967D35	5070D37	5071A37	5071
38	89.9	5057^37	5071A37	5071A37	5057D35	5071A37	5071A37	5071
36	89.7	5071A37	5071A37	5071A37	5071A36	5071A37	5071A37	5071
34	89.4	5071A37	5071A37	5071A37	5071A36	5071A37	5071A37	5071
32	89.1	5071A37	5071A37	5071A37	5071A36	5071A37	5071A37	5071
30	88.8	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
20	87.3	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
10	85.8	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
0	84.2	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4550^30-30-39	4648^32-32-41	4681^32-32-41	4714^33-33-42
46	90.9	4664^31-31-41	4763^33-33-42	4796^34-34-43	4830^34-34-43
44	90.8	4769^33-33-42	4869^35-35-44	4903^35-35-44	4937^36-36-45
42	90.5	4873^34-34-44	4975^36-36-45	5009^37-37-46	5043^37-37-46
40	90.2	4967^36-36-45	5070^37-37-47	5071A37-37-47	5071A37-37-47
38	89.9	5057^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	22	Length	11483	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.02
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4550^30	4648^32	4681^32
46	4664^31	4763^33	4796^34
44	4769^33	4869^35	4903^35
42	4873^34	4975^36	5009^37
40	4967^36	5070^37	5071A37
38	5057^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A36	5071A36	5071A36
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4543^30	4641^31	4673^32
46	4656^31	4755^33	4788^34
44	4761^33	4861^34	4895^35
42	4863^34	4965^36	4999^36
40	4959^35	5062^37	5071A37
38	5049^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4550D30	4648D32	4681D32
46	4664D32	4763D33	4796D34
44	4769D33	4869D35	4903D35
42	4873D34	4975D36	5009D37
40	4967D35	5070D37	5071A37
38	5057D35	5071A37	5071A37
36	5071A36	5071A37	5071A37
34	5071A36	5071A37	5071A37
32	5071A36	5071A37	5071A37
30	5071A36	5071A36	5071A36
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4543D30	4641D32	4673D32
46	4656D31	4755D33	4788D34
44	4761D33	4861D35	4895D35
42	4863D34	4965D36	4999D37
40	4959D35	5062D37	5071A37
38	5049D35	5071A37	5071A37
36	5071A35	5071A37	5071A37
34	5071A36	5071A37	5071A37
32	5071A36	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4919F13	5071A23	5071A26
26	4932F13	5071A23	5071A27
24	4945F13	5071A24	5071A27
22	4958F14	5071A24	5071A28
20	4969F14	5071A25	5071A28
18	4982F14	5071A25	5071A29
16	4996F15	5071A26	5071A29
14	5010F15	5071A26	5071A30
12	5022F16	5071A27	5071A30
10	5035F16	5071A27	5071A31
0	5071A18	5071A30	5071A34
-10	5071A21	5071A33	5071A36
-20	5071A23	5071A35	5071A36
-30	5071A26	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **+0** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4605F16	4843F25	4920F28
26	4616F17	4856F25	4933F28
24	4628F17	4868F26	4946F28
22	4639F17	4880F26	4958F29
20	4650F18	4892F26	4971F29
18	4662F18	4904F27	4983F30
16	4672F18	4917F27	4996F30
14	4684F19	4927F27	5009F30
12	4695F19	4938F28	5021F31
10	4704F19	4950F28	5034F31
0	4768F21	5017F30	5071A33
-10	4829F23	5071A32	5071A36
-20	4889F25	5071A35	5071A36
-30	4946F27	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-540**
Wing A/I ON **-540**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 22 Length 11483 Shift **0** Clearway 0 Stopway 0 Slope +0.02
Rwy Rev. Program Rules FAA **31 Aug 16**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1022'		**DT H305**	**1022'**	

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	4536^30	4636^31	4669^32	4492F19	4636D29	4669D32	4724
46	87.7	4649^31	4749^33	4783^33	4567F19	4749D29	4783D32	4843
44	87.6	4700F32	4832^34	4867^35	4615F20	4832^29	4867D33	4901
42	87.4	4717F32	4883^35	4918^35	4633F20	4882^29	4918D33	4947
40	87.1	4733F32	4890^35	4925^36	4650F20	4889^30	4925D33	4959
38	86.8	4744F33	4892^35	4927^36	4663F21	4891^30	4927D34	4961
36	86.6	4755F33	4893^35	4929^36	4675F21	4893^31	4929D34	4962
34	86.3	4767F33	4895^35	4930^36	4688F21	4895D31	4930D35	4964
32	86.0	4779F33	4896^35	4931^36	4701F22	4896D32	4931D35	4966
30	85.7	4789^33	4897^35	4933^36	4715F22	4897D32	4933D35	4968
20	84.3	4790^33	4901^35	4938^36	4783F24	4901D34	4938D36	4976
10	82.8	4780^33	4893^35	4932^36	4776^26	4893D35	4932D36	4973
0	81.3	4781^33	4898^35	4938^36	4781D28	4898D35	4938D36	4984
-10	79.8	4774^33	4895^35	4936^36	4774D31	4895D35	4936D36	4988
-20	78.3	4763^33	4888^35	4930^36	4763D33	4888D35	4930D36	4985
-30	76.7	4748^33	4878^35	4922^35	4748D33	4878D35	4922D36	4983

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-170** per .10" — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	4550^30	4648^32	4681^32	4542^20	4648D31	4681D32	4725
46	90.9	4664^31	4763^33	4796^34	4648F21	4763D31	4796D34	4844
44	90.8	4769^33	4869^35	4903^35	4722F21	4869D32	4903D35	4950
42	90.5	4873^34	4975^36	5009^37	4791F22	4975D32	5009D35	5054
40	90.2	4959F35	5069^37	5071A37	4839F22	5067^32	5071A35	5071
38	89.9	5000F36	5071A37	5071A37	4883F22	5071A32	5071A36	5071
36	89.7	5040F36	5071A37	5071A37	4926F22	5071A33	5071A36	5071
34	89.4	5067F36	5071A37	5071A37	4955F23	5071A33	5071A37	5071
32	89.1	5071A37	5071A37	5071A37	4967F23	5071A34	5071A37	5071
30	88.8	5071A36	5071A36	5071A36	4982F23	5071A34	5071A36	5071
20	87.3	5071A36	5071A36	5071A36	5056F25	5071A36	5071A36	5071
10	85.8	5071A36	5071A36	5071A36	5071A27	5071A36	5071A36	5071
0	84.2	5071A36	5071A36	5071A36	5071A30	5071A36	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5071A32	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A35	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-180** per .10" — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4550^30-30-39	4648^32-32-41	4681^32-32-41	4713^33-33-42
46	90.9	4664^31-31-41	4763^33-33-42	4796^34-34-43	4830^34-34-43
44	90.8	4769^33-33-42	4869^35-35-44	4903^35-35-44	4936^36-36-45
42	90.5	4873^34-34-44	4975^36-36-45	5009^37-37-46	5042^37-37-46
40	90.2	4959F35-35-45	5069^37-37-47	5071A37-37-47	5071A37-37-47
38	89.9	5000F36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	5040F36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	5067F36-36-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-180** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	22	Length	9186	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.04
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4550^30	4648^32	4681^32
46	4664^31	4763^33	4796^34
44	4769^33	4869^35	4903^35
42	4873^34	4975^36	5009^37
40	4959F35	5069^37	5071A37
38	5000F36	5071A37	5071A37
36	5040F36	5071A37	5071A37
34	5067F36	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A36	5071A36	5071A36
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4542^30	4641^31	4673^32
46	4656^31	4755^33	4788^34
44	4760^33	4861^34	4895^35
42	4863^34	4965^36	4999^36
40	4945F35	5061^37	5071A37
38	4986F36	5071A37	5071A37
36	5026F36	5071A37	5071A37
34	5053F36	5071A37	5071A37
32	5066F36	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps

OAT °C	-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4542^20	4648D31	4681D32
46	4648F21	4763D31	4796D34
44	4722F21	4869D32	4903D35
42	4791F22	4975D32	5009D35
40	4839F22	5067^32	5071A35
38	4883F22	5071A32	5071A36
36	4926F22	5071A33	5071A36
34	4955F23	5071A33	5071A37
32	4967F23	5071A34	5071A37
30	4982F23	5071A34	5071A36
20	5056F25	5071A36	5071A36
10	5071A27	5071A36	5071A36
0	5071A30	5071A36	5071A36
-10	5071A32	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4536^20	4641D31	4673D32
46	4638F21	4755D31	4788D34
44	4708F21	4861D31	4895D35
42	4768F22	4965^31	4999D35
40	4828F22	5060^32	5071A35
38	4872F22	5071A32	5071A36
36	4915F22	5071A33	5071A36
34	4944F22	5071A33	5071A37
32	4959F23	5071A33	5071A37
30	4971F23	5071A34	5071A37
20	5046F25	5071A36	5071A36
10	5071A27	5071A37	5071A37
0	5071A29	5071A37	5071A37
-10	5071A32	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps

OAT °C	-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	4417F 1	4675F11	4768F15
26	4428F 2	4686F12	4781F15
24	4439F 2	4699F12	4794F15
22	4450F 2	4712F12	4808F16
20	4462F 3	4725F13	4821F16
18	4472F 3	4738F13	4834F16
16	4483F 4	4751F14	4847F17
14	4494F 4	4764F14	4861F17
12	4505F 4	4776F14	4873F18
10	4515F 5	4788F15	4886F18
0	4579F 7	4861F17	4962F20
-10	4640F 9	4931F19	5038F22
-20	4703F11	5005F21	5071A25
-30	4766F13	5071A23	5071A27

High QNH **+0** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-480**
Wing A/I ON **-480**

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28	4064F 5	4383F13	4497F16
26	4082F 5	4397F14	4510F16
24	4097F 5	4412F14	4529F17
22	4113F 5	4425F14	4543F17
20	4130F 6	4438F15	4559F17
18	4145F 6	4450F15	4576F18
16	4157F 6	4462F15	4591F18
14	4169F 7	4477F16	4596F18
12	4182F 7	4491F16	4601F18
10	4193F 7	4504^16	4606F18
0	4260F 9	4573^18	4621^18
-10	4322F11	4568^17	4618^18
-20	4361^13	4558^17	4609^18
-30	4388^15	4547^17	4599^18

High QNH **+80** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-760**
Wing A/I ON **-760**

LEVEL 3 CONTAM

Flaps

OAT °C	-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	22	Length	9186	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.04
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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TAR Mexico **EMB-145** **AE3007A1P**

CEDROS **-Z056** **06** ***SPECIAL***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
V2		**RWY END**		**LT H310**	**6500'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	88.8	3261^ 6	3415^ 9	3465^10	3254^97	3415D 7	3465D10	4247
36	89.1	3311^ 7	3468^10	3519^11	3300^98	3468D 7	3519D10	4331
34	89.4	3358^ 7	3520^11	3571^12	3346^98	3520D 7	3571D10	4409
32	89.7	3403^ 8	3568^12	3622^13	3389^99	3568D 8	3622D11	4486
30	89.9	3449^ 9	3618^12	3672^14	3433^99	3618D 8	3672D11	4567
28	89.9	3498^10	3671^13	3727^14	3480^99	3671D 9	3727D12	4654
26	89.9	3545^10	3724^14	3780^15	3527^ 0	3724D 9	3780D12	4741
24	90.0	3584^11	3765^15	3822^16	3564^ 0	3765D10	3822D13	4817
22	90.0	3605^11	3788^15	3845^16	3585^ 1	3788D10	3845D13	4828
20	90.0	3616^11	3797^15	3854^16	3596^ 1	3797D10	3854D14	4830
18	89.7	3625^12	3806^15	3863^17	3606^ 1	3806D11	3863D14	4832
10	88.5	3661^12	3840^16	3898^17	3647^ 3	3840D12	3898D15	4837
0	86.9	3702^13	3879^17	3937^18	3695^ 4	3879D14	3937D17	4838
-10	85.3	3743^14	3922^18	3979^19	3743D 6	3922D16	3979D19	4833
-20	83.7	3785^15	3964^19	4022^20	3785D 8	3964D18	4022D21	4832
-30	82.0	3825^16	4006^19	4063^20	3825D10	4006D20	4063D22	4826

High QNH **+90** per .10" Engine A/I ON **-1560**
Low QNH **-130** per .10" Wing A/I ON **-1560**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	93.8	3311^ 7	3461^10	3509^11	3295^98	3461D 8	3509D11	4248
36	93.8	3362^ 8	3515^11	3564^12	3343^99	3515D 8	3564D11	4332
34	93.8	3411^ 9	3568^12	3618^13	3390^99	3568D 9	3618D12	4411
32	93.8	3459^ 9	3618^13	3669^14	3434^ 0	3618D 9	3669D12	4489
30	93.7	3507^10	3668^14	3720^15	3479^ 0	3668D10	3720D13	4570
28	93.7	3559^11	3723^14	3776^15	3527^ 0	3723D10	3776D13	4656
26	93.7	3610^12	3777^15	3832^16	3575^ 1	3777D10	3832D14	4742
24	93.6	3655^12	3825^16	3880^17	3617^ 1	3825D11	3880D14	4820
22	93.4	3690^13	3858^16	3913^18	3648^ 2	3858D12	3913D15	4831
20	93.2	3706^13	3874^17	3929^18	3666^ 2	3874D12	3929D15	4833
18	92.9	3715^13	3883^17	3937^18	3676^ 3	3883D13	3937D16	4834
10	91.7	3748^14	3917^18	3972^19	3718^ 4	3917D14	3972D17	4839
0	90.1	3785^15	3955^18	4009^19	3765^ 6	3955D16	4009D19	4839
-10	88.4	3826^16	3996^19	4050^20	3817^ 8	3996D18	4050D21	4834
-20	86.7	3868^17	4039^20	4091^21	3868D10	4039D20	4091D22	4833
-30	85.0	3909^17	4078^21	4130^22	3909D12	4078D22	4130D23	4828

High QNH **+90** per .10" Engine A/I ON **-1690**
Low QNH **-130** per .10" Wing A/I ON **-1690**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
38	93.8	3311^ 7- 7-19	3461^10-10-22	3509^11-11-23	3556^12-12-24
36	93.8	3362^ 8- 8-20	3515^11-11-23	3564^12-12-24	3612^13-13-25
34	93.8	3411^ 9- 9-21	3568^12-12-24	3618^13-13-25	3667^14-14-25
32	93.8	3459^ 9- 9-22	3618^13-13-25	3669^14-14-26	3719^15-15-26
30	93.7	3507^10-10-23	3668^14-14-26	3720^15-15-26	3771^16-16-27
28	93.7	3559^11-11-24	3723^14-14-26	3776^15-15-27	3828^17-17-28
26	93.7	3610^12-12-25	3777^15-15-27	3832^16-16-28	3885^17-17-29
24	93.6	3655^12-12-25	3825^16-16-28	3880^17-17-29	3934^18-18-30
22	93.4	3690^13-13-26	3858^16-16-29	3913^18-18-30	3966^19-19-30
20	93.2	3706^13-13-26	3874^17-17-29	3929^18-18-30	3982^19-19-31
18	92.9	3715^13-13-26	3883^17-17-29	3937^18-18-30	3990^19-19-31
10	91.7	3748^14-14-27	3917^18-18-30	3972^19-19-31	4024^20-20-31
0	90.1	3785^15-15-27	3955^18-18-30	4009^19-19-31	4060^20-20-32
-10	88.4	3826^16-16-28	3996^19-19-31	4050^20-20-32	4101^21-21-33
-20	86.7	3868^17-17-29	4039^20-20-32	4091^21-21-32	4140^22-22-33
-30	85.0	3909^17-17-30	4078^21-21-32	4130^22-22-33	4177^23-23-34

High QNH **+90** per .10" Engine A/I ON **-1690**
Low QNH **-130** per .10" Wing A/I ON **-1690**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 5500 Length 6561 Shift **0** Clearway 0 Stopway 0 Slope +1.17
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
38	3311^ 7	3461^10	3509^11	3303^ 7	3453^10	3502^11			
36	3362^ 8	3515^11	3564^12	3354^ 8	3508^11	3556^12			
34	3411^ 9	3568^12	3618^13	3403^ 8	3560^12	3610^13			
32	3459^ 9	3618^13	3669^14	3450^ 9	3610^13	3661^14			
30	3507^10	3668^14	3720^15	3498^10	3660^13	3712^14			
28	3559^11	3723^14	3776^15	3550^11	3715^14	3769^15			
26	3610^12	3777^15	3832^16	3601^11	3769^15	3824^16			
24	3655^12	3825^16	3880^17	3641^12	3810^16	3865^17			
22	3690^13	3858^16	3913^18	3671^13	3839^16	3893^17			
20	3706^13	3874^17	3929^18	3699^13	3867^17	3921^18			
18	3715^13	3883^17	3937^18	3707^13	3875^17	3930^18			
10	3748^14	3917^18	3972^19	3594^12	3746^16	3792^16			
0	3785^15	3955^18	4009^19	3743^14	3910^18	3963^19			
-10	3826^16	3996^19	4050^20	3807^16	3976^19	4028^20			
	High QNH **+90** per .10" Low QNH **-130** per .10"			High QNH **+90** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1690** Wing A/I ON **-1690**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
38	3295^98	3461D 8	3509D11	3288^98	3453D 8	3502D11			
36	3343^99	3515D 8	3564D11	3337^99	3508D 8	3556D11			
34	3390^99	3568D 9	3618D12	3383^99	3560D 9	3610D12			
32	3434^ 0	3618D 9	3669D12	3428^99	3610D 9	3661D12			
30	3479^ 0	3668D10	3720D13	3472^ 0	3660D 9	3712D13			
28	3527^ 0	3723D10	3776D13	3520^ 0	3715D10	3769D13			
26	3575^ 1	3777D10	3832D14	3568^ 1	3769D10	3824D13			
24	3617^ 1	3825D11	3880D14	3606^ 1	3810D11	3865D14			
22	3648^ 2	3858D12	3913D15	3633^ 2	3839D11	3893D15			
20	3666^ 2	3874D12	3929D15	3660^ 2	3867D12	3921D15			
18	3676^ 3	3883D13	3937D16	3670^ 3	3875D12	3930D16			
10	3718^ 4	3917D14	3972D17	3577^ 5	3746D15	3792D18			
0	3765^ 6	3955D16	4009D19	3727^ 6	3910D16	3963D19			
-10	3817^ 8	3996D18	4050D21	3800^ 8	3976D18	4028D21			
	High QNH **+90** per .10" Low QNH **-130** per .10"			High QNH **+90** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1690** Wing A/I ON **-1690**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		3345^90	3445^93		3039^95	3141^98			
26		3393^90	3496^93		3079^96	3188^98			
24		3435^91	3543^94		3118^96	3231^99			
22		3467^91	3578^94		3156^97	3261^99			
20		3487^92	3600^95		3184^97	3278^ 0			
18		3500^92	3614^95		3199^97	3289^ 0			
16		3513^92	3630^95		3210^98	3300^ 0			
14		3527^93	3644^96		3220^98	3311^ 1			
12		3542^93	3660^96		3230^98	3322^ 1			
10		3557^93	3675^96		3242^98	3334^ 1			
0		3626^95	3742^98		3292^ 0	3386^ 3			
-10		3705^97	3808^ 0		3349^ 2	3447^ 5			
-20	2842^92	3775^98	3870^ 2		3409^ 4	3511^ 7			
-30	3299^92	3841^ 0	3922^ 4	2986F98	3471^ 5	3576^ 8			
	High QNH **+100** per .10" Low QNH **-130** per .10"			High QNH **+90** per .10" Low QNH **-120** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1350** Wing A/I ON **-1350**			Engine A/I ON **-1300** Wing A/I ON **-1300**			Engine A/I ON Wing A/I ON		

Elevation 5500 Length 6561 Shift **0** Clearway 0 Stopway 0 Slope +1.17

Rwy Rev. Program Rules FAA **26 Oct 17**

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CEDROS **-Z056** **24** ***SPECIAL***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		RWY END		**RT H320**	**6500'**	

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	88.8	3450^10	3664^15	3736^16	3414^95	3656^ 4	3736D 8	4247
36	89.1	3502^11	3717^15	3791^17	3462^95	3708^ 5	3791D 8	4331
34	89.4	3549^12	3768^16	3843^18	3509^96	3758^ 5	3843D 8	4409
32	89.7	3597^12	3818^17	3894^18	3554^96	3806^ 6	3893^ 9	4486
30	89.9	3644^13	3868^18	3945^19	3599^96	3854^ 6	3941^ 9	4567
28	89.9	3692^14	3919^18	3997^20	3648^97	3905^ 7	3994^10	4654
26	89.9	3740^14	3969^19	4048^21	3566F98	3957^ 7	4046^10	4741
24	90.0	3778^15	4010^20	4089^21	3524F98	3998^ 7	4088^11	4817
22	90.0	3803^15	4037^20	4117^22	3588F99	4021^ 8	4113^11	4828
20	90.0	3816^16	4050^20	4130^22	3715F98	4035^ 8	4127^11	4830
18	89.7	3826^16	4062^20	4142^22	3781^99	4047^ 9	4139^12	4832
10	88.5	3869^17	4109^21	4190^23	3826^ 0	4097^10	4190D13	4837
0	86.9	3924^18	4166^22	4249^24	3881^ 2	4158^12	4249D15	4838
-10	85.3	3979^19	4226^24	4310^25	3940^ 3	4223^14	4310D17	4833
-20	83.7	4035^20	4286^25	4370^26	4001^ 5	4286D16	4370D19	4832
-30	82.0	4092^21	4347^26	4424^27	4063^ 7	4347D18	4424D21	4826

High QNH **+100** per .10" Engine A/I ON **-1130**
Low QNH **-140** per .10" Wing A/I ON **-1130**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	93.8	3533^12	3742^16	3809^18	3456^96	3706^ 5	3790^ 8	4248
36	93.8	3585^13	3797^17	3867^19	3505^96	3758^ 6	3844^ 9	4332
34	93.8	3635^13	3851^18	3923^19	3552^96	3807^ 6	3895^ 9	4411
32	93.8	3684^14	3902^19	3976^20	3597^97	3856^ 7	3945^10	4489
30	93.7	3732^15	3952^19	4027^21	3643^97	3904^ 7	3994^10	4570
28	93.7	3784^16	4007^20	4083^22	3692^98	3956^ 7	4047^11	4656
26	93.7	3836^16	4061^21	4139^22	3743^98	4009^ 8	4101^11	4742
24	93.6	3885^17	4113^22	4191^23	3733F99	4056^ 8	4149^12	4820
22	93.4	3924^18	4153^22	4232^24	3818^99	4091^ 9	4185^12	4831
20	93.2	3945^18	4176^23	4255^24	3835^99	4111^ 9	4206^13	4833
18	92.9	3956^18	4188^23	4267^24	3847^ 0	4124^10	4219^13	4834
10	91.7	3999^19	4234^24	4312^25	3894^ 1	4176^11	4273^15	4839
0	90.1	4050^20	4290^25	4362^26	3950^ 3	4240^13	4335^17	4839
-10	88.4	4104^21	4342^26	4416^27	4013^ 5	4307^15	4401^19	4834
-20	86.7	4160^22	4396^27	4472^28	4077^ 7	4373^17	4469^21	4833
-30	85.0	4216^23	4449^28	4526^29	4143^ 9	4440^20	4526D23	4828

High QNH **+100** per .10" Engine A/I ON **-1470**
Low QNH **-140** per .10" Wing A/I ON **-1470**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	+0	+10H	+20H
38	93.8	3533^12-12-23	3742^16-16-27	3809^18-18-28	3874^19-19-29
36	93.8	3585^13-13-24	3797^17-17-28	3867^19-19-29	3933^20-20-30
34	93.8	3635^13-13-25	3851^18-18-29	3923^19-19-30	3989^21-21-31
32	93.8	3684^14-14-26	3902^19-19-29	3976^20-20-31	4044^21-21-32
30	93.7	3732^15-15-27	3952^19-19-30	4027^21-21-31	4099^22-22-33
28	93.7	3784^16-16-27	4007^20-20-31	4083^22-22-32	4158^23-23-33
26	93.7	3836^16-16-28	4061^21-21-32	4139^22-22-33	4216^24-24-34
24	93.6	3885^17-17-29	4113^22-22-33	4191^23-23-34	4269^24-24-35
22	93.4	3924^18-18-30	4153^22-22-33	4232^24-24-35	4309^25-25-36
20	93.2	3945^18-18-30	4176^23-23-34	4255^24-24-35	4329^26-26-36
18	92.9	3956^18-18-30	4188^23-23-34	4267^24-24-35	4340^26-26-36
10	91.7	3999^19-19-31	4234^24-24-35	4312^25-25-36	4385^27-27-37
0	90.1	4050^20-20-32	4290^25-25-35	4362^26-26-37	4437^27-27-38
-10	88.4	4104^21-21-33	4342^26-26-36	4416^27-27-37	4491^28-28-39
-20	86.7	4160^22-22-34	4396^27-27-37	4472^28-28-38	4549^29-29-39
-30	85.0	4216^23-23-34	4449^28-28-38	4526^29-29-39	4604^30-30-40

High QNH **+100** per .10" Engine A/I ON **-1470**
Low QNH **-140** per .10" Wing A/I ON **-1470**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 5500 Length 6561 Shift **0** Clearway 0 Stopway 0 Slope -1.17
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
38	3533^12	3742^16	3809^18	3522^12	3732^16	3800^18			
36	3585^13	3797^17	3867^19	3575^13	3787^17	3857^18			
34	3635^13	3851^18	3923^19	3625^13	3840^18	3913^19			
32	3684^14	3902^19	3976^20	3674^14	3892^18	3966^20			
30	3732^15	3952^19	4027^21	3723^15	3942^19	4017^21			
28	3784^16	4007^20	4083^22	3775^15	3997^20	4073^21			
26	3836^16	4061^21	4139^22	3826^16	4051^21	4129^22			
24	3885^17	4113^22	4191^23	3869^17	4096^21	4174^23			
22	3924^18	4153^22	4232^24	3902^17	4132^22	4210^23			
20	3945^18	4176^23	4255^24	3936^18	4167^22	4246^24			
18	3956^18	4188^23	4267^24	3946^18	4178^23	4257^24			
10	3999^19	4234^24	4312^25	3873^18	4084^22	4153^24			
0	4050^20	4290^25	4362^26	4011^20	4245^24	4317^26			
-10	4104^21	4342^26	4416^27	4088^21	4321^26	4395^27			
	High QNH +100 per .10" Low QNH -140 per .10"			High QNH +90 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -1470 Wing A/I ON -1470			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
38	3456^96	3706^ 5	3790^ 8	3450^96	3698^ 5	3782^ 8			
36	3505^96	3758^ 6	3844^ 9	3498^96	3750^ 6	3836^ 9			
34	3552^96	3807^ 6	3895^ 9	3545^96	3800^ 6	3887^ 9			
32	3597^97	3856^ 7	3945^10	3591^97	3848^ 7	3937^10			
30	3643^97	3904^ 7	3994^10	3637^97	3897^ 7	3986^10			
28	3692^98	3956^ 7	4047^11	3685^97	3949^ 7	4040^11			
26	3743^98	4009^ 8	4101^11	3736^98	4001^ 8	4093^11			
24	3733F99	4056^ 8	4149^12	3711F99	4042^ 8	4135^12			
22	3818^99	4091^ 9	4185^12	3802^99	4073^ 9	4167^12			
20	3835^99	4111^ 9	4206^13	3829^99	4104^ 9	4199^13			
18	3847^ 0	4124^10	4219^13	3841^ 0	4117^10	4212^13			
10	3894^ 1	4176^11	4273^15	3762^ 1	4038^12	4128^15			
0	3950^ 3	4240^13	4335^17	3914^ 3	4202^13	4294^17			
-10	4013^ 5	4307^15	4401^19	3996^ 5	4288^15	4382^19			
	High QNH +110 per .10" Low QNH -140 per .10"			High QNH +100 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -1370 Wing A/I ON -1370			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28			3186^88		3021^90	3138^93			
26			3076^89		3072^90	3189^93			
24			2947^90		3116^91	3234^93			
22			3015^90		3148^91	3268^94			
20			3167^90		3167^91	3289^94			
18			3206^90		3180^92	3303^95			
16			3250^90		3193^92	3318^95			
14			3292^91		3207^92	3333^95			
12			3331^91		3221^93	3348^95			
10			3375^91		3235^93	3362^96			
0		3092^90	3583^93		3303^94	3438^97			
-10		3230^92	3653^94		3382^96	3530^99			
-20		3483^93	3864^96	2664^91	3468^98	3633^ 0			
-30		3747^95	4082^97	3044^90	3563^99	3744^ 2			
	High QNH +80 per .10" Low QNH -590 per .10"			High QNH +100 per .10" Low QNH -140 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON -1340 Wing A/I ON -1340			Engine A/I ON Wing A/I ON		

Elevation 5500 Length 6561 Shift **0** Clearway 0 Stopway 0 Slope -1.17

Rwy Rev. Program Rules FAA **26 Oct 17**

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CHIHUAHUA -CUU 18L *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
V2		**D1.9 CUU**	***D0.6 ICUU**	**RT H020**	**5700'**	

*SOUTH OF ICUU

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	88.5	3939F20	4156F24	4233F25	3880F 9	4138F18	4227F21	4349
38	88.8	3999F21	4217F25	4295F26	3935F10	4195F18	4287F21	4435
36	89.1	4059F22	4279F26	4358F27	3990F10	4254F19	4347F22	4520
34	89.4	4116F22	4339F27	4419F28	4044F11	4311F20	4405F22	4598
32	89.7	4169F23	4397F27	4477F29	4095F11	4366F20	4460F23	4676
30	90.0	4224F24	4455F28	4534F29	4147F12	4421F21	4516F23	4753
28	89.8	4267F24	4498F29	4580F30	4185F12	4463F21	4558F24	4831
26	89.6	4302F25	4535F29	4618F31	4220F13	4500F22	4595F24	4910
24	89.4	4325F25	4560F30	4643F31	4243F13	4525F22	4621F25	4921
22	89.2	4338F25	4573F30	4657F31	4257F13	4538F22	4636F25	4924
20	89.1	4350F26	4587F30	4671F31	4270F14	4552F23	4652F25	4926
10	87.6	4406F27	4648F31	4734F33	4334F15	4623F24	4725F27	4933
0	86.0	4456F28	4706F32	4795F34	4395F17	4691F26	4795D29	4925
-10	84.4	4514F29	4771F33	4857^35	4461F19	4766F28	4857D31	4932
-20	82.8	4573F30	4815^34	4851^35	4528F21	4815^30	4851D34	4933
-30	81.1	4631F31	4804^34	4842^34	4597F23	4804D33	4842D34	4931

High QNH **+50** per .10" Engine A/I ON **-810**
Low QNH **-150** per .10" Wing A/I ON **-810**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	93.4	4024F22	4246F26	4299^27	3944F11	4212F19	4297^22	4351
38	93.4	4083F22	4308F27	4383^28	4000F11	4271F20	4367F23	4436
36	93.4	4144F23	4371F27	4451F29	4056F12	4330F20	4426F23	4521
34	93.4	4203F24	4432F28	4513F30	4110F12	4387F21	4484F24	4600
32	93.4	4259F25	4491F29	4573F30	4161F12	4442F22	4540F24	4679
30	93.4	4316F26	4548F30	4631F31	4213F13	4497F22	4595F25	4761
28	93.3	4375F26	4612F31	4696F32	4270F13	4555F23	4656F25	4850
26	93.2	4430F27	4668F31	4753F33	4319F14	4608F23	4710F26	4928
24	93.1	4459F28	4700F32	4785F33	4347F14	4639F24	4741F27	4939
22	92.7	4485F28	4727F32	4813F34	4371F15	4665F24	4769F27	4940
20	92.4	4496F28	4740F32	4826F34	4384F15	4679F25	4784F27	4942
10	90.8	4554F29	4805F34	4892F35	4452F17	4755F26	4862F29	4951
0	89.2	4609F30	4852^34	4885^35	4513F19	4828F28	4885D32	4941
-10	87.6	4670F31	4849^34	4884^35	4585F21	4849D31	4884D34	4946
-20	85.9	4732F32	4843^34	4877^35	4659F23	4843D33	4877D35	4946
-30	84.2	4720^32	4830^34	4867^35	4716^25	4830D34	4867D35	4940

High QNH **+80** per .10" Engine A/I ON **-1910**
Low QNH **-160** per .10" Wing A/I ON **-1910**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	93.4	4024F22-22-31	4246F26-26-35	4299^27-27-36	4327^27-27-36
38	93.4	4083F22-22-32	4308F27-27-36	4383^28-28-37	4412^28-28-37
36	93.4	4144F23-23-33	4371F27-27-37	4451F29-29-38	4497^30-30-39
34	93.4	4203F24-24-34	4432F28-28-38	4513F30-30-39	4576^31-31-40
32	93.4	4259F25-25-35	4491F29-29-38	4573F30-30-40	4654^32-32-41
30	93.4	4316F26-26-36	4548F30-30-39	4631F31-31-41	4716F33-33-42
28	93.3	4375F26-26-37	4612F31-31-40	4696F32-32-41	4782F33-33-43
26	93.2	4430F27-27-38	4668F31-31-41	4753F33-33-42	4839F34-34-44
24	93.1	4459F28-28-38	4700F32-32-42	4785F33-33-43	4872F35-35-44
22	92.7	4485F28-28-38	4727F32-32-42	4813F34-34-43	4900F35-35-44
20	92.4	4496F28-28-39	4740F32-32-42	4826F34-34-43	4914F35-35-45
10	90.8	4554F29-29-39	4805F34-34-43	4892F35-35-44	4928^36-36-45
0	89.2	4609F30-30-40	4852^34-34-44	4885^35-35-44	4919^35-35-45
-10	87.6	4670F31-31-41	4849^34-34-44	4884^35-35-44	4918^35-35-45
-20	85.9	4732F32-32-42	4843^34-34-44	4877^35-35-44	4913^35-35-45
-30	84.2	4720^32-32-42	4830^34-34-43	4867^35-35-44	4904^35-35-44

High QNH **+80** per .10" Engine A/I ON **-1910**
Low QNH **-160** per .10" Wing A/I ON **-1910**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 4465 Length 8530 Shift **0** Clearway 0 Stopway 0 Slope +0.69
Rwy Rev. Program Rules FAA **04 May 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
40	4024F22	4246F26	4299^27	4012F21	4233F25	4292^27			
38	4083F22	4308F27	4383^28	4071F22	4295F26	4374F28			
36	4144F23	4371F27	4451F29	4132F23	4358F27	4438F29			
34	4203F24	4432F28	4513F30	4191F24	4419F28	4500F29			
32	4259F25	4491F29	4573F30	4247F25	4478F29	4559F30			
30	4316F26	4548F30	4631F31	4304F25	4535F30	4618F31			
28	4375F26	4612F31	4696F32	4357F26	4591F30	4674F32			
26	4430F27	4668F31	4753F33	4408F27	4646F31	4730F32			
24	4459F28	4700F32	4785F33	4445F27	4684F32	4769F33			
22	4485F28	4727F32	4813F34	4464F28	4706F32	4791F33			
20	4496F28	4740F32	4826F34	4484F28	4727F32	4814F34			
10	4554F29	4805F34	4892F35	4452F28	4610^31	4642^32			
0	4609F30	4852^34	4885^35	4561F30	4788^34	4832^34			
-10	4670F31	4849^34	4884^35	4661F31	4809^34	4843^34			
	High QNH +80 per .10"			High QNH +80 per .10"			High QNH per .10"		
	Low QNH -160 per .10"			Low QNH -180 per .10"			Low QNH per .10"		
	Engine A/I ON -1910			Engine A/I ON -150			Engine A/I ON		
	Wing A/I ON -1910			Wing A/I ON -150			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
40	3944F11	4212F19	4297^22	3935F10	4201F19	4290^22			
38	4000F11	4271F20	4367F23	3991F11	4260F20	4355F23			
36	4056F12	4330F20	4426F23	4047F11	4319F20	4415F23			
34	4110F12	4387F21	4484F24	4101F12	4376F21	4473F24			
32	4161F12	4442F22	4540F24	4151F12	4431F21	4529F24			
30	4213F13	4497F22	4595F25	4204F13	4487F22	4584F25			
28	4270F13	4555F23	4656F25	4253F13	4537F22	4637F25			
26	4319F14	4608F23	4710F26	4302F14	4589F23	4691F26			
24	4347F14	4639F24	4741F27	4336F14	4626F23	4728F26			
22	4371F15	4665F24	4769F27	4356F15	4648F24	4751F27			
20	4384F15	4679F25	4784F27	4375F15	4670F24	4773F27			
10	4452F17	4755F26	4862F29	4351F18	4609^27	4642D30			
0	4513F19	4828F28	4885D32	4472F19	4783^28	4832D32			
-10	4585F21	4849D31	4884D34	4576F21	4809D31	4843D34			
	High QNH +90 per .10"			High QNH +90 per .10"			High QNH per .10"		
	Low QNH -160 per .10"			Low QNH -170 per .10"			Low QNH per .10"		
	Engine A/I ON -1430			Engine A/I ON -150			Engine A/I ON		
	Wing A/I ON -1430			Wing A/I ON -150			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3033F97	3974F 3	4053F 6	3338F98	3596F 6	3776F 8			
26	2979F98	4023F 3	4104F 6	3394F99	3652F 7	3840F 9			
24	3040F98	4050F 4	4130F 7	3421F99	3690F 7	3875F 9			
22	3136F98	4068F 4	4150F 7	3446F 0	3715F 8	3915F10			
20	3248F98	4078F 4	4162F 8	3454F 0	3750F 8	3936F10			
18	3343F98	4090F 5	4173F 8	3465F 0	3778F 8	3956F10			
16	3449F98	4103F 5	4185F 8	3476F 0	3803F 8	3978F10			
14	3560F98	4115F 6	4198F 9	3486F 1	3821F 9	3998F11			
12	3661F98	4127F 6	4211F 9	3497F 1	3845F 9	4009F11			
10	3758F97	4139F 6	4223F 9	3508F 1	3866F 9	4014F11			
0	3950F99	4193F 8	4283F11	3559F 3	3974F10	4029F11			
-10	4003F 1	4257F10	4350F13	3621F 5	4028F11				
-20	4059F 2	4324F12	4419F16	3688F 6	4042F11				
-30	4116F 5	4391F15	4489F18	3761F 8					
	High QNH +80 per .10"			High QNH +50 per .10"			High QNH per .10"		
	Low QNH -150 per .10"			Low QNH -160 per .10"			Low QNH per .10"		
	Engine A/I ON -1190			Engine A/I ON -530			Engine A/I ON		
	Wing A/I ON -1190			Wing A/I ON -530			Wing A/I ON		

Elevation 4465 Length 8530 Shift **0** Clearway 0 Stopway 0 Slope +0.69

Rwy Rev. Program Rules FAA **04 May 18**

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CHIHUAHUA -CUU 18R *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
V2		**D1.9 CUU**	***D0.6 ICUU**	**RT H017**	**5465'**	

*SOUTH OF ICUU - VFR ONLY MAX WEIGHT 33069LBS

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	88.5	3807F17	4024F22	4098F23	3750F 6	4007F15	4096F18	4349
38	88.8	3865F18	4084F22	4158F24	3804F 7	4064F16	4152F18	4435
36	89.1	3922F19	4143F23	4219F25	3858F 7	4120F16	4211F19	4520
34	89.4	3977F20	4201F24	4279F25	3909F 8	4175F17	4267F19	4598
32	89.7	4029F20	4258F25	4335F26	3960F 8	4229F17	4321F20	4676
30	90.0	4081F21	4314F25	4392F27	4010F 8	4282F18	4375F21	4753
28	89.8	4122F22	4357F26	4436F28	4048F 9	4323F18	4417F21	4831
26	89.6	4156F22	4393F27	4471F28	4082F 9	4359F18	4453F21	4910
24	89.4	4179F23	4417F27	4496F28	4105F10	4383F19	4478F22	4921
22	89.2	4191F23	4429F27	4509F29	4117F10	4397F19	4493F22	4924
20	89.1	4203F23	4440F27	4522F29	4130F10	4411F20	4507F23	4926
10	87.6	4258F24	4499F28	4583F30	4191F12	4478F21	4575F24	4933
0	86.0	4310F25	4554F29	4641F31	4248F14	4540F23	4641D26	4925
-10	84.4	4367F26	4616F30	4705F32	4314F16	4612F25	4705D28	4932
-20	82.8	4422F27	4679F32	4770F33	4382F18	4679D27	4770D30	4933
-30	81.1	4477F28	4742F33	4836F34	4447F20	4742D29	4836D32	4931

High QNH **+50** per .10" Engine A/I ON **-800**
Low QNH **-150** per .10" Wing A/I ON **-800**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	93.4	3891F19	4107F23	4184F25	3811F 7	4077F16	4168F19	4351
38	93.4	3949F20	4167F24	4245F25	3865F 8	4132F17	4226F20	4436
36	93.4	4007F21	4228F25	4307F26	3919F 8	4190F17	4284F20	4521
34	93.4	4063F21	4288F26	4367F27	3971F 9	4245F18	4341F21	4600
32	93.4	4115F22	4345F26	4424F28	4021F 9	4299F18	4395F21	4679
30	93.4	4170F23	4402F27	4482F29	4072F10	4353F19	4450F22	4761
28	93.3	4229F24	4462F28	4544F29	4127F10	4411F19	4509F22	4850
26	93.2	4280F24	4517F29	4599F30	4175F11	4462F20	4559F23	4928
24	93.1	4309F25	4547F29	4630F31	4202F11	4491F21	4590F23	4939
22	92.7	4334F25	4573F30	4657F31	4223F12	4514F21	4615F24	4940
20	92.4	4345F25	4585F30	4669F31	4236F12	4528F21	4630F24	4942
10	90.8	4404F26	4647F31	4733F32	4300F14	4600F23	4705F26	4951
0	89.2	4455F27	4706F32	4795F33	4363F16	4670F25	4778F28	4941
-10	87.6	4513F28	4771F33	4862F35	4433F18	4747F27	4858F30	4946
-20	85.9	4572F30	4838F34	4878^35	4501F20	4827F29	4878D32	4946
-30	84.2	4630F31	4830^34	4867^35	4572F22	4830D32	4867D35	4940

High QNH **+80** per .10" Engine A/I ON **-1010**
Low QNH **-150** per .10" Wing A/I ON **-1010**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	93.4	3891F19-19-29	4107F23-23-33	4184F25-25-34	4263F26-26-35
38	93.4	3949F20-20-30	4167F24-24-34	4245F25-25-35	4325F27-27-36
36	93.4	4007F21-21-31	4228F25-25-35	4307F26-26-36	4388F28-28-37
34	93.4	4063F21-21-32	4288F26-26-35	4367F27-27-37	4448F28-28-38
32	93.4	4115F22-22-33	4345F26-26-36	4424F28-28-37	4507F29-29-39
30	93.4	4170F23-23-34	4402F27-27-37	4482F29-29-38	4564F30-30-40
28	93.3	4229F24-24-35	4462F28-28-38	4544F29-29-39	4628F31-31-40
26	93.2	4280F24-24-35	4517F29-29-39	4599F30-30-40	4684F32-32-41
24	93.1	4309F25-25-36	4547F29-29-39	4630F31-31-41	4715F32-32-42
22	92.7	4334F25-25-36	4573F30-30-40	4657F31-31-41	4743F33-33-42
20	92.4	4345F25-25-36	4585F30-30-40	4669F31-31-41	4756F33-33-42
10	90.8	4404F26-26-37	4647F31-31-41	4733F32-32-42	4823F34-34-43
0	89.2	4455F27-27-38	4706F32-32-42	4795F33-33-43	4885F35-35-44
-10	87.6	4513F28-28-39	4771F33-33-43	4862F35-35-44	4917^35-35-45
-20	85.9	4572F30-30-40	4838F34-34-44	4878^35-35-44	4913^35-35-45
-30	84.2	4630F31-31-41	4830^34-34-43	4867^35-35-44	4904^35-35-44

High QNH **+80** per .10" Engine A/I ON **-1010**
Low QNH **-150** per .10" Wing A/I ON **-1010**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 4465 Length 7940 Shift **0** Clearway 0 Stopway 0 Slope +0.71
Rwy Rev. Program Rules FAA **30 Oct 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
40	3891F19	4107F23	4184F25	3880F19	4095F23	4172F24			
38	3949F20	4167F24	4245F25	3938F20	4155F24	4232F25			
36	4007F21	4228F25	4307F26	3995F20	4216F25	4294F26			
34	4063F21	4288F26	4367F27	4051F21	4276F25	4354F27			
32	4115F22	4345F26	4424F28	4104F22	4333F26	4412F28			
30	4170F23	4402F27	4482F29	4158F23	4390F27	4470F28			
28	4229F24	4462F28	4544F29	4209F23	4442F28	4523F29			
26	4280F24	4517F29	4599F30	4260F24	4496F28	4578F30			
24	4309F25	4547F29	4630F31	4295F25	4533F29	4615F30			
22	4334F25	4573F30	4657F31	4314F25	4553F29	4636F31			
20	4345F25	4585F30	4669F31	4334F25	4574F30	4657F31			
10	4404F26	4647F31	4733F32	4301F26	4545F30	4632F31			
0	4455F27	4706F32	4795F33	4408F27	4658F31	4747F33			
-10	4513F28	4771F33	4862F35	4504F28	4762F33	4842^34			
	High QNH +80 per .10" Low QNH -150 per .10"			High QNH +80 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -1010 Wing A/I ON -1010			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
40	3811F 7	4077F16	4168F19	3803F 7	4067F16	4157F19			
38	3865F 8	4132F17	4226F20	3856F 8	4122F17	4216F20			
36	3919F 8	4190F17	4284F20	3910F 8	4180F17	4274F20			
34	3971F 9	4245F18	4341F21	3962F 9	4236F18	4331F21			
32	4021F 9	4299F18	4395F21	4013F 9	4289F18	4385F21			
30	4072F10	4353F19	4450F22	4063F10	4343F19	4440F22			
28	4127F10	4411F19	4509F22	4111F10	4394F19	4491F22			
26	4175F11	4462F20	4559F23	4159F11	4444F20	4541F23			
24	4202F11	4491F21	4590F23	4192F11	4480F20	4577F23			
22	4223F12	4514F21	4615F24	4210F11	4500F21	4599F24			
20	4236F12	4528F21	4630F24	4228F12	4518F21	4620F24			
10	4300F14	4600F23	4705F26	4204F14	4506F23	4610F26			
0	4363F16	4670F25	4778F28	4323F16	4627F25	4735F28			
-10	4433F18	4747F27	4858F30	4424F18	4738F27	4841^30			
	High QNH +90 per .10" Low QNH -150 per .10"			High QNH +90 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -930 Wing A/I ON -930			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3427F91	4018F98	4110^ 1	3162F96	3415F 4	3570F 6			
26	3418F91	4074F99	4172^ 2	3213F96	3470F 5	3607F 7			
24	3433F92	4103F99	4189^ 2	3241F96	3500F 5	3644F 7			
22	3471F92	4124F99	4193^ 3	3262F97	3527F 5	3688F 8			
20	3507F92	4138F 0	4196^ 3	3272F97	3540F 6	3715F 8			
18	3538F93	4152F 0	4198^ 3	3282F97	3554F 6	3741F 8			
16	3565F93	4156^ 0	4200^ 4	3291F98	3566F 6	3769F 8			
14	3598F93	4158^ 1	4203^ 4	3304F98	3582F 7	3796F 8			
12	3631F93	4160^ 1	4205^ 5	3314F98	3597F 7	3819F 9			
10	3668F93	4162^ 2	4207^ 5	3322F99	3622F 7	3844F 9			
0	3830F95	4159^ 4	4206^ 7	3363F 0	3764F 8	3955F10			
-10	3865F96	4165^ 6	4214^ 9	3428F 2	3884F 9	4030F11			
-20	4025^98	4168^ 8	4215D12	3487F 4	3998F11				
-30	4019^ 0	4166D11	4205D14	3550F 5					
	High QNH +80 per .10" Low QNH -170 per .10"			High QNH +90 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -2140 Wing A/I ON -2140			Engine A/I ON -120 Wing A/I ON -120			Engine A/I ON Wing A/I ON		

Elevation 4465 Length 7940 Shift **0** Clearway 0 Stopway 0 Slope +0.71

Rwy Rev. Program Rules FAA **30 Oct 18**

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CHIHUAHUA -CUU 36L *DT H003*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		5465'		**DT H003**	**5465'**	

VFR ONLY MAX WEIGHT 33069LBS

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	88.5	3967F20	4201F25	4284F26	3876F 5	4143F14	4237F17	4349
38	88.8	4026F21	4262F26	4346F27	3931F 5	4201F14	4296F17	4435
36	89.1	4085F22	4324F27	4408F28	3987F 6	4259F15	4355F18	4520
34	89.4	4141F23	4383F27	4468F29	4040F 6	4315F15	4412F18	4598
32	89.7	4196F24	4440F28	4524F30	4091F 6	4369F16	4467F19	4676
30	90.0	4250F24	4495F29	4582F30	4143F 7	4423F16	4522F20	4753
28	89.8	4294F25	4540F29	4628F31	4182F 7	4465F17	4563F20	4831
26	89.6	4326F25	4577F30	4666F31	4217F 8	4501F17	4600F20	4910
24	89.4	4350F26	4603F30	4692F32	4241F 8	4527F18	4626F21	4921
22	89.2	4364F26	4617F31	4706F32	4254F 8	4542F18	4642F21	4924
20	89.1	4378F26	4631F31	4721F32	4267F 9	4556F18	4657F22	4926
10	87.6	4436F27	4696F32	4789F33	4329F11	4627F20	4732F23	4933
0	86.0	4490F28	4759F33	4854F35	4391F12	4697F22	4805F25	4925
-10	84.4	4552F29	4829F34	4874^35	4459F14	4774F24	4871^27	4932
-20	82.8	4616F30	4833^34	4868^35	4530F16	4829^26	4868^30	4933
-30	81.1	4679F32	4822^34	4859^35	4599F18	4822D29	4859D32	4931

High QNH **+50** per .10" Engine A/I ON **-840**
Low QNH **-150** per .10" Wing A/I ON **-840**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	93.4	4054F22	4284^26	4312^27	3933F 6	4210F15	4308F18	4351
38	93.4	4114F23	4355F27	4398^28	3988F 6	4268F16	4366F19	4436
36	93.4	4173F24	4417F28	4481^29	4043F 7	4326F16	4425F19	4521
34	93.4	4231F25	4476F29	4561^30	4097F 7	4382F17	4483F20	4600
32	93.4	4287F25	4534F30	4622F31	4149F 8	4436F17	4538F20	4679
30	93.4	4343F26	4592F31	4681F32	4201F 8	4491F18	4592F21	4761
28	93.3	4403F27	4655F31	4745F33	4258F 8	4550F18	4652F21	4850
26	93.2	4455F28	4711F32	4802F34	4307F 9	4600F19	4705F22	4928
24	93.1	4485F28	4744F33	4835F34	4334F 9	4630F19	4736F22	4939
22	92.7	4512F28	4772F33	4864F35	4353F10	4655F20	4762F23	4940
20	92.4	4524F29	4786F33	4878F35	4367F10	4670F20	4777F23	4942
10	90.8	4586F30	4855F34	4911^35	4435F12	4747F22	4857F25	4951
0	89.2	4646F31	4868^35	4901^35	4500F14	4821F24	4896^27	4941
-10	87.6	4711F32	4864^35	4899^35	4573F16	4860^26	4897^30	4946
-20	85.9	4751^33	4857^34	4893^35	4647F18	4856^29	4893D32	4946
-30	84.2	4736^32	4845^34	4882^35	4723F20	4845D31	4882D35	4940

High QNH **+90** per .10" Engine A/I ON **-2280**
Low QNH **-170** per .10" Wing A/I ON **-2280**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	93.4	4054F22-22-32	4284^26-26-35	4312^27-27-36	4341^27-27-36
38	93.4	4114F23-23-33	4355F27-27-36	4398^28-28-37	4426^29-29-38
36	93.4	4173F24-24-34	4417F28-28-37	4481^29-29-38	4510^30-30-39
34	93.4	4231F25-25-35	4476F29-29-38	4561^30-30-40	4590^31-31-40
32	93.4	4287F25-25-35	4534F30-30-39	4622F31-31-40	4669^32-32-41
30	93.4	4343F26-26-36	4592F31-31-40	4681F32-32-41	4755^33-33-42
28	93.3	4403F27-27-37	4655F31-31-41	4745F33-33-42	4837F34-34-44
26	93.2	4455F28-28-38	4711F32-32-42	4802F34-34-43	4895F35-35-44
24	93.1	4485F28-28-38	4744F33-33-42	4835F34-34-43	4928F36-36-45
22	92.7	4512F28-28-39	4772F33-33-43	4864F35-35-44	4936^36-36-45
20	92.4	4524F29-29-39	4786F33-33-43	4878F35-35-44	4937^36-36-45
10	90.8	4586F30-30-40	4855F34-34-44	4911^35-35-45	4943^36-36-45
0	89.2	4646F31-31-41	4868^35-35-44	4901^35-35-44	4934^36-36-45
-10	87.6	4711F32-32-42	4864^35-35-44	4899^35-35-44	4932^36-36-45
-20	85.9	4751^33-33-42	4857^34-34-44	4893^35-35-44	4928^36-36-45
-30	84.2	4736^32-32-42	4845^34-34-44	4882D35-35-44	4918^35-35-45

High QNH **+90** per .10" Engine A/I ON **-2280**
Low QNH **-170** per .10" Wing A/I ON **-2280**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 4465 Length 7940 Shift **0** Clearway 0 Stopway 0 Slope -0.71
Rwy Rev. Program Rules FAA **30 Oct 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	4054F22	4284^26	4312^27
38	4114F23	4355F27	4398^28
36	4173F24	4417F28	4481^29
34	4231F25	4476F29	4561^30
32	4287F25	4534F30	4622F31
30	4343F26	4592F31	4681F32
28	4403F27	4655F31	4745F33
26	4455F28	4711F32	4802F34
24	4485F28	4744F33	4835F34
22	4512F28	4772F33	4864F35
20	4524F29	4786F33	4878F35
10	4586F30	4855F34	4911^35
0	4646F31	4868^35	4901^35
-10	4711F32	4864^35	4899^35

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2280**
Wing A/I ON **-2280**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	4042F22	4277^26	4305^27
38	4101F23	4342F27	4391^28
36	4161F24	4404F28	4474^29
34	4219F24	4465F29	4550F30
32	4275F25	4521F30	4609F31
30	4330F26	4579F30	4668F32
28	4383F27	4634F31	4724F33
26	4433F27	4689F32	4779F33
24	4470F28	4728F32	4819F34
22	4491F28	4750F33	4842F34
20	4512F28	4773F33	4865F35
10	4489F29	4624^31	4656^32
0	4600F30	4814^34	4847^35
-10	4702F32	4824^34	4858^35

High QNH **+90** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-220**
Wing A/I ON **-220**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	3933F 6	4210F15	4308F18
38	3988F 6	4268F16	4366F19
36	4043F 7	4326F16	4425F19
34	4097F 7	4382F17	4483F20
32	4149F 8	4436F17	4538F20
30	4201F 8	4491F18	4592F21
28	4258F 8	4550F18	4652F21
26	4307F 9	4600F19	4705F22
24	4334F 9	4630F19	4736F22
22	4353F10	4655F20	4762F23
20	4367F10	4670F20	4777F23
10	4435F12	4747F22	4857F25
0	4500F14	4821F24	4896^27
-10	4573F16	4860^26	4897^30

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1260**
Wing A/I ON **-1260**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	3925F 6	4200F15	4297F18
38	3980F 6	4258F16	4356F19
36	4035F 7	4316F16	4415F19
34	4089F 7	4372F17	4473F20
32	4141F 7	4427F17	4528F20
30	4193F 8	4481F18	4582F21
28	4242F 8	4533F18	4634F21
26	4291F 9	4582F18	4687F22
24	4324F 9	4619F19	4724F22
22	4342F10	4640F19	4746F23
20	4359F10	4661F20	4768F23
10	4333F12	4618^22	4653^26
0	4457F14	4778F24	4843^27
-10	4563F16	4819^26	4857^30

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		3653F97	4028F99
26		3576F97	4079F99
24		3633F98	4104F99
22		3781F98	4124F 0
20		3886F98	4136F 0
18		4006F97	4149F 0
16		4073F98	4162F 1
14		4085F98	4176F 1
12		4097F98	4190F 1
10		4109F99	4202F 2
0		4170F 1	4264F 4
-10		4238F 3	4331F 6
-20		4304F 5	4400F 8
-30	3088F 1	4370F 7	4470F10

High QNH **+20** per .10"
Low QNH **-360** per .10"

Engine A/I ON **-1170**
Wing A/I ON **-1170**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3241F92	3532F 1	3672F 3
26	3293F92	3590F 1	3736F 4
24	3320F93	3624F 2	3774F 4
22	3342F93	3650F 2	3803F 4
20	3352F93	3669F 2	3821F 5
18	3363F94	3686F 3	3838F 5
16	3375F94	3704F 3	3855F 5
14	3386F94	3722F 3	3872F 6
12	3397F95	3740F 3	3889F 6
10	3409F95	3762F 4	3905F 6
0	3462F97	3848F 5	3986F 8
-10	3524F98	3934F 7	4068F10
-20	3596F 0	4020F 8	4148F11
-30	3672F 2	4099F10	4207^13

High QNH **+110** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-1250**
Wing A/I ON **-1250**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	4465	Length	7940	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.71
Rwy Rev.		Program						Rules	FAA		**30 Oct 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		5465'		**DT H003**	**5465'**	

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
40	88.5	4104F23	4273^26	4302^27	4006F 8	4268^17	4300^20	4349
38	88.8	4164F24	4358^27	4387^28	4063F 8	4340F17	4384^21	4435
36	89.1	4225F25	4441^29	4470^29	4119F 9	4399F18	4467^21	4520
34	89.4	4284F25	4519^30	4549^30	4174F 9	4457F19	4544^22	4598
32	89.7	4340F26	4588F31	4626^31	4227F10	4513F19	4611F22	4676
30	90.0	4397F27	4648F31	4711^33	4281F10	4568F20	4668F22	4753
28	89.8	4441F28	4694F32	4784F34	4321F11	4610F20	4713F23	4831
26	89.6	4475F28	4732F33	4822F34	4357F11	4648F20	4751F23	4910
24	89.4	4500F28	4758F33	4849F35	4382F11	4674F21	4778F24	4921
22	89.2	4513F29	4773F33	4864F35	4395F12	4690F21	4794F24	4924
20	89.1	4526F29	4788F33	4878F35	4409F12	4706F22	4810F25	4926
10	87.6	4588F30	4853^35	4886^35	4476F14	4781F23	4881^26	4933
0	86.0	4647F31	4842^34	4876^35	4540F16	4837^25	4874^29	4925
-10	84.4	4712F32	4839^34	4874^35	4610F18	4837^28	4874D31	4932
-20	82.8	4725^32	4832^34	4868^35	4684F20	4832D30	4868D34	4933
-30	81.1	4711^32	4821^34	4859^35	4705^22	4821D33	4859D35	4931

High QNH **+50** per .10" — Engine A/I ON **-2410**
Low QNH **-170** per .10" — Wing A/I ON **-2410**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
40	93.4	4197F25	4284^26	4312^27	4067F 9	4280^19	4312^22	4351
38	93.4	4258F26	4369^28	4397^28	4124F 9	4364^19	4396^22	4436
36	93.4	4320F26	4452^29	4481^29	4181F10	4446^19	4479^23	4521
34	93.4	4379F27	4531^30	4560^30	4236F10	4524^20	4557^23	4600
32	93.4	4435F28	4610^31	4639^32	4290F11	4583F20	4635^24	4679
30	93.4	4493F29	4695^32	4724^33	4343F11	4640F21	4719^24	4761
28	93.3	4556F30	4783^33	4813^34	4402F12	4701F21	4806^24	4850
26	93.2	4611F30	4854^34	4884^35	4452F12	4755F22	4862F25	4928
24	93.1	4643F31	4872^35	4902^35	4481F13	4786F22	4894F25	4939
22	92.7	4671F31	4874^35	4905^35	4504F13	4812F23	4899^26	4940
20	92.4	4683F31	4875^35	4906^35	4517F14	4828F23	4900^26	4942
10	90.8	4749F33	4879^35	4911^35	4587F15	4872^25	4908^29	4951
0	89.2	4768^33	4867^35	4901^35	4655F17	4865^28	4901D31	4941
-10	87.6	4762^33	4864^35	4898^35	4732F19	4864D30	4898D34	4946
-20	85.9	4751^33	4857^34	4893^35	4744^22	4857D33	4893D35	4946
-30	84.2	4736^32	4845^34	4882^35	4732^24	4845D34	4882D35	4940

High QNH **+90** per .10" — Engine A/I ON **-2520**
Low QNH **-180** per .10" — Wing A/I ON **-2520**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
40	93.4	4197F25-25-34	4284^26-26-35	4312^27-27-36	4340^27-27-36
38	93.4	4258F26-26-35	4369^28-28-37	4397^28-28-37	4426^29-29-38
36	93.4	4320F26-26-36	4452^29-29-38	4481^29-29-38	4510^30-30-39
34	93.4	4379F27-27-37	4531^30-30-39	4560^30-30-39	4589^31-31-40
32	93.4	4435F28-28-38	4610^31-31-40	4639^32-32-41	4669^32-32-41
30	93.4	4493F29-29-39	4695^32-32-41	4724^33-33-42	4754^33-33-42
28	93.3	4556F30-30-39	4783^33-33-43	4813^34-34-43	4843^35-35-44
26	93.2	4611F30-30-40	4854^34-34-44	4884^35-35-44	4914^35-35-45
24	93.1	4643F31-31-41	4872^35-35-44	4902^35-35-44	4933^36-36-45
22	92.7	4671F31-31-41	4874^35-35-44	4905^35-35-44	4936^36-36-45
20	92.4	4683F31-31-41	4875^35-35-44	4906^35-35-45	4937^36-36-45
10	90.8	4749F33-33-42	4879^35-35-44	4911^35-35-45	4943^36-36-45
0	89.2	4768^33-33-43	4867^35-35-44	4901^35-35-44	4934^36-36-45
-10	87.6	4762^33-33-42	4864^35-35-44	4898^35-35-44	4932^36-36-45
-20	85.9	4751^33-33-42	4857^34-34-44	4893^35-35-44	4927^36-36-45
-30	84.2	4736^32-32-42	4845^34-34-44	4882^35-35-44	4918^35-35-45

High QNH **+90** per .10" — Engine A/I ON **-2520**
Low QNH **-180** per .10" — Wing A/I ON **-2520**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 4465 Length 8530 Shift **0** Clearway 0 Stopway 0 Slope -0.69
Rwy Rev. Program Rules FAA **04 May 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
40	4197F25	4284^26	4312^27	4184F25	4277^26	4305^27			
38	4258F26	4369^28	4397^28	4245F25	4362^28	4390^28			
36	4320F26	4452^29	4481^29	4307F26	4445^29	4474^29			
34	4379F27	4531^30	4560^30	4367F27	4524^30	4553^30			
32	4435F28	4610^31	4639^32	4422F28	4603^31	4632^31			
30	4493F29	4695^32	4724^33	4480F29	4687^32	4717^33			
28	4556F30	4783^33	4813^34	4534F29	4773^33	4803^34			
26	4611F30	4854^34	4884^35	4589F30	4838^34	4869^35			
24	4643F31	4872^35	4902^35	4627F31	4856^34	4886^35			
22	4671F31	4874^35	4905^35	4649F31	4867^35	4898^35			
20	4683F31	4875^35	4906^35	4671F31	4870^35	4900^35			
10	4749F33	4879^35	4911^35	4529^30	4624^31	4655^32			
0	4768^33	4867^35	4901^35	4715^32	4814^34	4847^35			
-10	4762^33	4864^35	4898^35	4722^32	4823^34	4857^35			
	High QNH **+90** per .10" Low QNH **-180** per .10"			High QNH **+90** per .10" Low QNH **-180** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-2520** Wing A/I ON **-2520**			Engine A/I ON **-230** Wing A/I ON **-230**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
40	4067F 9	4280^19	4312^22	4058F 9	4273^18	4305^22			
38	4124F 9	4364^19	4396^22	4115F 9	4357^19	4389^22			
36	4181F10	4446^19	4479^23	4172F10	4439^19	4472^23			
34	4236F10	4524^20	4557^23	4228F10	4517^20	4550^23			
32	4290F11	4583F20	4635^24	4281F11	4573F20	4628^23			
30	4343F11	4640F21	4719^24	4335F11	4630F21	4712^24			
28	4402F12	4701F21	4806^24	4385F12	4683F21	4789F24			
26	4452F12	4755F22	4862F25	4436F12	4736F22	4843F25			
24	4481F13	4786F22	4894F25	4471F13	4774F22	4880^25			
22	4504F13	4812F23	4899^26	4490F13	4796F23	4891^26			
20	4517F14	4828F23	4900^26	4509F14	4818F23	4894^26			
10	4587F15	4872^25	4908^29	4486F16	4623^26	4655D30			
0	4655F17	4865^28	4901D31	4611F17	4812^28	4847D31			
-10	4732F19	4864D30	4898D34	4711^20	4823D31	4857D34			
	High QNH **+90** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-180** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-2460** Wing A/I ON **-2460**			Engine A/I ON **-210** Wing A/I ON **-210**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4086F99	4172F 2	3424F95	3718F 4	3827F 6			
26		4136F99	4223F 2	3481F95	3782F 4	3891F 7			
24		4161F99	4250F 3	3511F96	3817F 4	3926F 7			
22		4181F 0	4267F 3	3534F96	3844F 5	3953F 7			
20		4195F 0	4280F 3	3546F96	3859F 5	3970F 8			
18		4206F 1	4293F 4	3558F97	3873F 5	3986F 8			
16		4221F 1	4306F 4	3571F97	3888F 6	4002F 8			
14		4235F 1	4319F 4	3583F97	3903F 6	4018F 9			
12		4248F 2	4332F 5	3595F98	3916F 6	4035F 9			
10		4259F 2	4343F 5	3607F98	3931F 7	4048F 9			
0	2870F99	4315F 4	4404F 7	3668F 0	3999F 8	4118F11			
-10	3105F 0	4381F 6	4473F 9	3738F 1	4076F10	4189^13			
-20	3805F 0	4448F 8	4542F11	3812F 3	4141^12	4224^14			
-30	4243F 0	4517F10	4617F14	3877F 5	4170^13	4212^14			
	High QNH **+90** per .10" Low QNH **-150** per .10"			High QNH **+80** per .10" Low QNH **-190** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1290** Wing A/I ON **-1290**			Engine A/I ON **-540** Wing A/I ON **-1410**			Engine A/I ON Wing A/I ON		

Elevation 4465 Length 8530 Shift **0** Clearway 0 Stopway 0 Slope -0.69

Rwy Rev. Program Rules FAA **04 May 18**

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CIUDAD DEL CARMEN -CME 13 *DT H138*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1010'		DT H138	1010'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4078F21	4326F26	4414F27
46	87.7	4151F22	4402F27	4491F28
44	87.6	4195F23	4448F27	4537F29
42	87.3	4209F23	4463F28	4554F29
40	87.1	4223F23	4479F28	4570F29
38	86.8	4233F23	4490F28	4580F30
36	86.6	4243F23	4501F28	4591F30
34	86.3	4253F24	4513F28	4603F30
32	86.0	4264F24	4525F29	4616F30
30	85.7	4274F24	4537F29	4628F30
20	84.3	4329F25	4596F30	4690F32
10	82.8	4383F26	4658F31	4751F33
0	81.3	4443F27	4723F32	4808^34
-10	79.8	4498F28	4785F33	4847^34
-20	78.3	4558F29	4826^34	4884^35
-30	76.7	4619F30	4861^34	4922^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4014F 7	4301F17	4403F20	4726
4083F 8	4373F18	4476F21	4846
4125F 8	4417F18	4521F21	4902
4140F 9	4434F19	4538F22	4947
4155F 9	4450F19	4555F22	4959
4166F 9	4463F19	4568F22	4961
4177F10	4475F20	4581F23	4962
4188F10	4488F20	4594F23	4964
4200F10	4501F20	4608F23	4966
4212F11	4515F21	4622F24	4968
4270F12	4583F22	4690D25	4976
4331F14	4651F24	4751D27	4973
4399F16	4723D26	4808D29	4984
4464F18	4785D28	4847D31	4988
4533F20	4826D30	4884D34	4985
4602F22	4861D32	4922D36	4983

High QNH **+70** per .10" — Engine A/I ON **-580**
Low QNH **-150** per .10" — Wing A/I ON **-580**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4167F23	4421F28	4506F29
46	90.9	4243F24	4500F29	4588F30
44	90.8	4314F25	4572F29	4664F31
42	90.5	4380F26	4642F30	4735F32
40	90.2	4421F26	4683F31	4777F32
38	89.9	4459F26	4722F31	4816F33
36	89.7	4495F27	4761F31	4855F33
34	89.4	4519F27	4786F32	4880F33
32	89.1	4531F27	4799F32	4893F34
30	88.8	4542F27	4811F32	4904F34
20	87.3	4599F28	4875F33	4972F35
10	85.8	4655F29	4938F34	5039F36
0	84.2	4718F30	5009F35	5071A36
-10	82.7	4779F32	5071A36	5071A36
-20	81.1	4842F33	5071A36	5071A36
-30	79.5	4904F34	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4076F 9	4374F19	4479F22	4727
4146F 9	4448F19	4555F22	4847
4212F10	4517F20	4624F23	4952
4273F10	4582F20	4690F23	5056
4318F10	4624F20	4734F24	5071
4360F10	4666F21	4776F24	5071
4402F11	4708F21	4817F24	5071
4430F11	4736F21	4846F24	5071
4442F11	4750F21	4860F25	5071
4455F12	4764F22	4875F25	5071
4516F13	4836F24	4947F27	5071
4578F15	4907F25	5023F29	5071
4649F17	4986F27	5071A31	5071
4717F19	5066F29	5071A33	5071
4789F21	5071A32	5071A36	5071
4863F23	5071A34	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **-410**
Low QNH **-160** per .10" — Wing A/I ON **-410**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4167F23-23-34	4421F28-28-37	4506F29-29-39	4572^30-30-40
46	90.9	4243F24-24-35	4500F29-29-39	4588F30-30-40	4668^31-31-41
44	90.8	4314F25-25-36	4572F29-29-40	4664F31-31-41	4755F33-33-42
42	90.5	4380F26-26-37	4642F30-30-41	4735F32-32-42	4827F34-34-43
40	90.2	4421F26-26-37	4683F31-31-41	4777F32-32-43	4872F34-34-44
38	89.9	4459F26-26-38	4722F31-31-42	4816F33-33-43	4913F34-34-45
36	89.7	4495F27-27-38	4761F31-31-42	4855F33-33-44	4952F35-35-45
34	89.4	4519F27-27-39	4786F32-32-43	4880F33-33-44	4977F35-35-45
32	89.1	4531F27-27-39	4799F32-32-43	4893F34-34-44	4990F35-35-46
30	88.8	4542F27-27-39	4811F32-32-43	4904F34-34-44	5004F35-35-46
20	87.3	4599F28-28-40	4875F33-33-44	4972F35-35-45	5071A36-36-47
10	85.8	4655F29-29-41	4938F34-34-45	5039F36-36-46	5071A36-36-47
0	84.2	4718F30-30-42	5009F35-35-46	5071A36-36-47	5071A36-36-47
-10	82.7	4779F32-32-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	4842F33-33-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	4904F34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **-410**
Low QNH **-160** per .10" — Wing A/I ON **-410**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	10	Length	7218	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**28 Oct 15**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4167F23	4421F28	4506F29
46	4243F24	4500F29	4588F30
44	4314F25	4572F29	4664F31
42	4380F26	4642F30	4735F32
40	4421F26	4683F31	4777F32
38	4459F26	4722F31	4816F33
36	4495F27	4761F31	4855F33
34	4519F27	4786F32	4880F33
32	4531F27	4799F32	4893F34
30	4542F27	4811F32	4904F34
20	4599F28	4875F33	4972F35
10	4655F29	4938F34	5039F36
0	4718F30	5009F35	5071A36
-10	4779F32	5071A36	5071A36

High QNH **+0** per .10" Low QNH **-160** per .10"

Engine A/I ON **-410** Wing A/I ON **-410**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4157F23	4410F27	4495F29
46	4232F24	4488F28	4576F30
44	4298F24	4554F29	4646F31
42	4353F25	4612F30	4705F31
40	4409F26	4671F31	4764F32
38	4447F26	4709F31	4803F32
36	4485F27	4748F31	4842F33
34	4508F27	4774F32	4868F33
32	4519F27	4786F32	4881F33
30	4530F27	4799F32	4894F34
20	4588F28	4863F33	4960F35
10	4620F29	4903F34	5002F36
0	4676F30	4967F35	5066F37
-10	4735F31	5031F36	5071A37

High QNH **+90** per .10" Low QNH **-160** per .10"

Engine A/I ON **-60** Wing A/I ON **-60**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10" Low QNH per .10"

Engine A/I ON Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4076F 9	4374F19	4479F22
46	4146F 9	4448F19	4555F22
44	4212F10	4517F20	4624F23
42	4273F10	4582F20	4690F23
40	4318F10	4624F20	4734F24
38	4360F10	4666F21	4776F24
36	4402F11	4708F21	4817F24
34	4430F11	4736F21	4846F24
32	4442F11	4750F21	4860F25
30	4455F12	4764F22	4875F25
20	4516F13	4836F24	4947F27
10	4578F15	4907F25	5023F29
0	4649F17	4986F27	5071A31
-10	4717F19	5066F29	5071A33

High QNH **+20** per .10" Low QNH **-160** per .10"

Engine A/I ON **-430** Wing A/I ON **-430**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4068F 9	4366F19	4470F22
46	4138F 9	4439F19	4546F22
44	4200F 9	4503F20	4611F23
42	4255F10	4560F20	4666F23
40	4309F10	4614F20	4724F23
38	4352F10	4656F20	4765F24
36	4394F11	4699F21	4807F24
34	4422F11	4727F21	4836F24
32	4434F11	4741F21	4850F25
30	4447F12	4755F22	4865F25
20	4508F13	4826F23	4939F27
10	4545F15	4874F25	4988F28
0	4609F17	4947F27	5064F31
-10	4676F19	5022F29	5071A33

High QNH **+100** per .10" Low QNH **-150** per .10"

Engine A/I ON **-60** Wing A/I ON **-60**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10" Low QNH per .10"

Engine A/I ON Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3987F 0	4294F 2
26		4020F 0	4325F 3
24		4051F 0	4351F 3
22		4077F 1	4377F 3
20		4106F 1	4407F 3
18		4139F 1	4437F 4
16		4168F 1	4465F 4
14		4201F 2	4495F 4
12	3188F95	4234F 2	4523F 5
10	3223F95	4263F 2	4553F 5
0	3418F97	4425F 4	4605^ 7
-10	3478F98	4468F 6	4607^ 9
-20	3668F 0	4547^ 8	4606^12
-30	3854F 1	4542^10	4602^14

High QNH **+80** per .10" Low QNH **-80** per .10"

Engine A/I ON **-560** Wing A/I ON **-560**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3784F 4	3965F 6
26		3804F 4	3988F 6
24	3450F96	3822F 4	4008F 7
22	3462F96	3840F 4	4034F 7
20	3468F96	3858F 5	4058F 7
18	3477F97	3877F 5	4083F 7
16	3486F97	3897F 5	4112F 8
14	3497F97	3918F 6	4141F 8
12	3510F97	3940F 6	4160F 8
10	3522F98	3963F 6	4179F 8
0	3588F99	4089F 7	4269F10
-10	3658F 1	4206F 9	4355F12
-20	3740F 2	4294F10	4443F13
-30	3828F 4	4379F12	4531F15

High QNH **+110** per .10" Low QNH **-140** per .10"

Engine A/I ON **-500** Wing A/I ON **-500**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10" Low QNH per .10"

Engine A/I ON Wing A/I ON

Elevation	10	Length	7218	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**28 Oct 15**

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CIUDAD DEL CARMEN -CME 31 *DT H318*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1010'		DT H318	1010'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4078F21	4326F26	4414F27
46	87.7	4151F22	4402F27	4491F28
44	87.6	4195F23	4448F27	4537F29
42	87.3	4209F23	4463F28	4554F29
40	87.1	4223F23	4479F28	4570F29
38	86.8	4233F23	4490F28	4580F30
36	86.6	4243F23	4501F28	4591F30
34	86.3	4253F24	4513F28	4603F30
32	86.0	4264F24	4525F29	4616F30
30	85.7	4274F24	4537F29	4628F30
20	84.3	4329F25	4596F30	4690F32
10	82.8	4383F26	4658F31	4751F33
0	81.3	4443F27	4723F32	4808^34
-10	79.8	4498F28	4785F33	4853^34
-20	78.3	4558F29	4834^34	4895^35
-30	76.7	4619F30	4875^35	4922^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4014F 7	4301F17	4403F20	4726
4083F 8	4373F18	4476F21	4846
4125F 8	4417F18	4521F21	4902
4140F 9	4434F19	4538F22	4947
4155F 9	4450F19	4555F22	4959
4166F 9	4463F19	4568F22	4961
4177F10	4475F20	4581F23	4962
4188F10	4488F20	4594F23	4964
4200F10	4501F20	4608F23	4966
4212F11	4515F21	4622F24	4968
4270F12	4583F22	4690D25	4976
4331F14	4651F24	4751D27	4973
4399F16	4723D26	4808D29	4984
4464F18	4785D28	4853D31	4988
4533F20	4834D30	4895D33	4985
4602F22	4875D32	4922D36	4983

High QNH **+20** per .10" — Engine A/I ON **-690**
Low QNH **-150** per .10" — Wing A/I ON **-690**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4167F23	4421F28	4506F29
46	90.9	4243F24	4500F29	4588F30
44	90.8	4314F25	4572F29	4664F31
42	90.5	4380F26	4642F30	4735F32
40	90.2	4421F26	4683F31	4777F32
38	89.9	4459F26	4722F31	4816F33
36	89.7	4495F27	4761F31	4855F33
34	89.4	4519F27	4786F32	4880F33
32	89.1	4531F27	4799F32	4893F34
30	88.8	4542F27	4811F32	4904F34
20	87.3	4599F28	4875F33	4972F35
10	85.8	4655F29	4938F34	5039F36
0	84.2	4718F30	5009F35	5071A36
-10	82.7	4779F32	5071A36	5071A36
-20	81.1	4842F33	5071A36	5071A36
-30	79.5	4904F34	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4076F 9	4374F19	4479F22	4727
4146F 9	4448F19	4555F22	4847
4212F10	4517F20	4624F23	4952
4273F10	4582F20	4690F23	5056
4318F10	4624F20	4734F24	5071
4360F10	4666F21	4776F24	5071
4402F11	4708F21	4817F24	5071
4430F11	4736F21	4846F24	5071
4442F11	4750F21	4860F25	5071
4455F12	4764F22	4875F25	5071
4516F13	4836F24	4947F27	5071
4578F15	4907F25	5023F29	5071
4649F17	4986F27	5071A31	5071
4717F19	5066F29	5071A33	5071
4789F21	5071A32	5071A36	5071
4863F23	5071A34	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **-410**
Low QNH **-160** per .10" — Wing A/I ON **-410**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4167F23-23-34	4421F28-28-37	4506F29-29-39	4566^30-30-39
46	90.9	4243F24-24-35	4500F29-29-39	4588F30-30-40	4659^31-31-41
44	90.8	4314F25-25-36	4572F29-29-40	4664F31-31-41	4744^32-32-42
42	90.5	4380F26-26-37	4642F30-30-41	4735F32-32-42	4823^33-33-43
40	90.2	4421F26-26-37	4683F31-31-41	4777F32-32-43	4872F34-34-44
38	89.9	4459F26-26-38	4722F31-31-42	4816F33-33-43	4913F34-34-45
36	89.7	4495F27-27-38	4761F31-31-42	4855F33-33-44	4952F35-35-45
34	89.4	4519F27-27-39	4786F32-32-43	4880F33-33-44	4977F35-35-45
32	89.1	4531F27-27-39	4799F32-32-43	4893F34-34-44	4990F35-35-46
30	88.8	4542F27-27-39	4811F32-32-43	4904F34-34-44	5004F35-35-46
20	87.3	4599F28-28-40	4875F33-33-44	4972F35-35-45	5071A36-36-47
10	85.8	4655F29-29-41	4938F34-34-45	5039F36-36-46	5071A36-36-47
0	84.2	4718F30-30-42	5009F35-35-46	5071A36-36-47	5071A36-36-47
-10	82.7	4779F32-32-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	4842F33-33-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	4904F34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **-410**
Low QNH **-160** per .10" — Wing A/I ON **-410**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	10	Length	7218	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**28 Oct 15**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4167F23	4421F28	4506F29
46	4243F24	4500F29	4588F30
44	4314F25	4572F29	4664F31
42	4380F26	4642F30	4735F32
40	4421F26	4683F31	4777F32
38	4459F26	4722F31	4816F33
36	4495F27	4761F31	4855F33
34	4519F27	4786F32	4880F33
32	4531F27	4799F32	4893F34
30	4542F27	4811F32	4904F34
20	4599F28	4875F33	4972F35
10	4655F29	4938F34	5039F36
0	4718F30	5009F35	5071A36
-10	4779F32	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-410**
Wing A/I ON **-410**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4157F23	4410F27	4495F29
46	4232F24	4488F28	4576F30
44	4298F24	4554F29	4646F31
42	4353F25	4612F30	4705F31
40	4409F26	4671F31	4764F32
38	4447F26	4709F31	4803F32
36	4485F27	4748F31	4842F33
34	4508F27	4774F32	4868F33
32	4519F27	4786F32	4881F33
30	4530F27	4799F32	4894F34
20	4588F28	4863F33	4960F35
10	4620F29	4903F34	5002F36
0	4676F30	4967F35	5066F37
-10	4735F31	5031F36	5071A37

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-60**
Wing A/I ON **-60**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4076F 9	4374F19	4479F22
46	4146F 9	4448F19	4555F22
44	4212F10	4517F20	4624F23
42	4273F10	4582F20	4690F23
40	4318F10	4624F20	4734F24
38	4360F10	4666F21	4776F24
36	4402F11	4708F21	4817F24
34	4430F11	4736F21	4846F24
32	4442F11	4750F21	4860F25
30	4455F12	4764F22	4875F25
20	4516F13	4836F24	4947F27
10	4578F15	4907F25	5023F29
0	4649F17	4986F27	5071A31
-10	4717F19	5066F29	5071A33

High QNH **+20** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-430**
Wing A/I ON **-430**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4068F 9	4366F19	4470F22
46	4138F 9	4439F19	4546F22
44	4200F 9	4503F20	4611F23
42	4255F10	4560F20	4666F23
40	4309F10	4614F20	4724F23
38	4352F10	4656F20	4765F24
36	4394F11	4699F21	4807F24
34	4422F11	4727F21	4836F24
32	4434F11	4741F21	4850F25
30	4447F12	4755F22	4865F25
20	4508F13	4826F23	4939F27
10	4545F15	4874F25	4988F28
0	4609F17	4947F27	5064F31
-10	4676F19	5022F29	5071A33

High QNH **+100** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-60**
Wing A/I ON **-60**

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3987F 0	4294F 2
26		4020F 0	4325F 3
24		4051F 0	4351F 3
22		4077F 1	4377F 3
20		4106F 1	4407F 3
18		4139F 1	4437F 4
16		4168F 1	4465F 4
14		4201F 2	4495F 4
12	3188F95	4234F 2	4523F 5
10	3223F95	4263F 2	4553F 5
0	3418F97	4425F 4	4605^ 7
-10	3478F98	4468F 6	4607^ 9
-20	3668F 0	4547^ 8	4606^12
-30	3854F 1	4542^10	4602^14

High QNH **+80** per .10"
Low QNH **-80** per .10"

Engine A/I ON **-560**
Wing A/I ON **-560**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3784F 4	3965F 6
26		3804F 4	3988F 6
24	3450F96	3822F 4	4008F 7
22	3462F96	3840F 4	4034F 7
20	3468F96	3858F 5	4058F 7
18	3477F97	3877F 5	4083F 7
16	3486F97	3897F 5	4112F 8
14	3497F97	3918F 6	4141F 8
12	3510F97	3940F 6	4160F 8
10	3522F98	3963F 6	4179F 8
0	3588F99	4089F 7	4269F10
-10	3658F 1	4206F 9	4355F12
-20	3740F 2	4294F10	4443F13
-30	3828F 4	4379F12	4531F15

High QNH **+110** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-500**
Wing A/I ON **-500**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 10 Length 7218 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **28 Oct 15**

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CIUDAD JUAREZ -CJS 03 *RT H120*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		4904'		**RT H120**	**4904'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	88.3	4121F23	4275^26	4305^27	4041F11	4273^20	4305D23	4355
40	88.5	4184F24	4362^27	4392^28	4098F11	4359^20	4392^24	4444
38	88.7	4246F25	4449^29	4478^29	4156F12	4433F21	4477^24	4530
36	89.0	4308F26	4532^30	4563^30	4214F12	4495F21	4561^24	4617
34	89.2	4367F27	4608F31	4642^32	4270F13	4552F22	4638^25	4697
32	89.5	4423F27	4666F32	4720^33	4323F13	4608F22	4707F25	4777
30	89.7	4476F28	4722F32	4795^34	4373F14	4662F23	4762F26	4841
28	89.5	4506F29	4754F33	4840F34	4399F14	4691F23	4792F26	4878
26	89.2	4521F29	4770F33	4857F35	4416F15	4709F24	4810F27	4914
24	88.9	4533F29	4785F33	4872F35	4431F15	4725F24	4827F27	4921
22	88.7	4545F29	4797F34	4883F35	4444F15	4739F24	4842F27	4923
20	88.4	4557F29	4810F34	4896F35	4458F16	4754F25	4857F28	4925
10	86.9	4619F31	4872^35	4907^35	4525F17	4828F27	4904^30	4932
0	85.4	4675F32	4860^35	4895^35	4590F19	4858^29	4895D32	4923
-10	83.8	4737F33	4860^35	4896^35	4660F21	4860D31	4896D35	4929
-20	82.2	4742^33	4853^35	4891^35	4733F23	4853D34	4891D35	4929

High QNH **+0** per .10" Engine A/I ON **-1740**
Low QNH **-160** per .10" Wing A/I ON **-1740**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	92.9	4200^25	4286^26	4315^27	4106F12	4286^22	4315D25	4356
40	93.0	4278F26	4375^28	4403^28	4167F13	4372^22	4403D25	4445
38	93.1	4341F27	4461^29	4490^29	4225F13	4457^23	4490D26	4531
36	93.1	4403F28	4545^30	4574^31	4282F14	4540^23	4574^26	4618
34	93.1	4465F28	4625^31	4655^32	4339F14	4619^23	4654^27	4699
32	93.0	4525F29	4705^32	4735^33	4394F15	4690F24	4733^27	4780
30	92.9	4585F30	4791^34	4822^34	4450F15	4749F24	4818^27	4864
28	92.8	4645F31	4877^35	4908^35	4506F16	4807F25	4903^28	4954
26	92.7	4693F31	4918^35	4950^36	4548F16	4853F25	4945^28	4989
24	92.4	4706F32	4920^35	4952^36	4562F17	4868F26	4947^29	4994
22	92.1	4718F32	4921^35	4953^36	4576F17	4884F26	4949^29	4996
20	91.8	4731F32	4923^35	4954^36	4591F17	4899F27	4951^30	4997
10	90.2	4794F33	4927^35	4960^36	4661F19	4923^29	4960D32	5005
0	88.6	4812^34	4914^35	4948^36	4731F21	4914D31	4948D35	4997
-10	87.0	4808^33	4913^35	4948^36	4799^23	4913D34	4948D36	5002
-20	85.3	4798^33	4906^35	4942^36	4793^26	4906D35	4942D36	5001

High QNH **+80** per .10" Engine A/I ON **-2070**
Low QNH **-170** per .10" Wing A/I ON **-2070**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	92.9	4200^25-25-34	4286^26-26-35	4315^27-27-36	4345^27-27-36
40	93.0	4278F26-26-35	4375^28-28-37	4403^28-28-37	4433^29-29-38
38	93.1	4341F27-27-36	4461^29-29-38	4490^29-29-38	4519^30-30-39
36	93.1	4403F28-28-37	4545^30-30-39	4574^31-31-40	4604^31-31-40
34	93.1	4465F28-28-38	4625^31-31-40	4655^32-32-41	4685^32-32-41
32	93.0	4525F29-29-39	4705^32-32-42	4735^33-33-42	4766^33-33-42
30	92.9	4585F30-30-40	4791^34-34-43	4822^34-34-43	4853^35-35-44
28	92.8	4645F31-31-41	4877^35-35-44	4908^35-35-45	4940^36-36-45
26	92.7	4693F31-31-41	4918^35-35-45	4950^36-36-45	4981^36-36-46
24	92.4	4706F32-32-42	4920^35-35-45	4952^36-36-45	4983^36-36-46
22	92.1	4718F32-32-42	4921^35-35-45	4953^36-36-45	4984^36-36-46
20	91.8	4731F32-32-42	4923^35-35-45	4954^36-36-45	4986^36-36-46
10	90.2	4794F33-33-43	4927^35-35-45	4960^36-36-45	4992^36-36-46
0	88.6	4812^34-34-43	4914^35-35-45	4948^36-36-45	4981^36-36-46
-10	87.0	4808^33-33-43	4913^35-35-45	4948^36-36-45	4983^36-36-46
-20	85.3	4798^33-33-43	4906^35-35-45	4942D36-36-45	4978^36-36-46

High QNH **+80** per .10" Engine A/I ON **-2070**
Low QNH **-170** per .10" Wing A/I ON **-2070**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 3904 Length 8858 Shift **0** Clearway 0 Stopway 0 Slope -0.03
Rwy Rev. Program Rules FAA **13 Mar 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
42	4200^25	4286^26	4315^27
40	4278F26	4375^28	4403^28
38	4341F27	4461^29	4490^29
36	4403F28	4545^30	4574^31
34	4465F28	4625^31	4655^32
32	4525F29	4705^32	4735^33
30	4585F30	4791^34	4822^34
28	4645F31	4877^35	4908^35
26	4693F31	4918^35	4950^36
24	4706F32	4920^35	4952^36
22	4718F32	4921^35	4953^36
20	4731F32	4923^35	4954^36
10	4794F33	4927^35	4960^36
0	4812^34	4914^35	4948^36

High QNH **+80** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2070**
Wing A/I ON **-2070**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
42	4192^25	4280^26	4308^27
40	4265F26	4367^28	4396^28
38	4328F27	4453^29	4483^29
36	4390F27	4538^30	4567^31
34	4452F28	4618^31	4648^32
32	4512F29	4698^32	4728^33
30	4572F30	4779^33	4810^34
28	4618F30	4854^35	4886^35
26	4664F31	4908^35	4940^36
24	4693F31	4914^35	4946^36
22	4706F32	4916^35	4947^36
20	4718F32	4917^35	4949^36
10	4619^31	4717^33	4749^33
0	4769^33	4870^35	4904^35

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-340**
Wing A/I ON **-340**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
42	4106F12	4286^22	4315D25
40	4167F13	4372^22	4403D25
38	4225F13	4457^23	4490D26
36	4282F14	4540^23	4574^26
34	4339F14	4619^23	4654^27
32	4394F15	4690F24	4733^27
30	4450F15	4749F24	4818^27
28	4506F16	4807F25	4903^28
26	4548F16	4853F25	4945^28
24	4562F17	4868F26	4947^29
22	4576F17	4884F26	4949^29
20	4591F17	4899F27	4951^30
10	4661F19	4923^29	4960D32
0	4731F21	4914D31	4948D35

High QNH **+80** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2030**
Wing A/I ON **-2030**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
42	4097F12	4279^22	4308D25
40	4157F13	4365^22	4396D25
38	4215F13	4450^22	4483D26
36	4273F14	4533^23	4567^26
34	4330F14	4612^23	4647^27
32	4385F15	4679F24	4725^27
30	4440F15	4738F24	4806^27
28	4483F16	4783F25	4881^28
26	4525F16	4828F25	4931F28
24	4553F16	4858F26	4941^29
22	4567F17	4874F26	4943^29
20	4581F17	4889F26	4945^30
10	4575F19	4717D30	4749D33
0	4686F21	4870D31	4904D35

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-340**
Wing A/I ON **-340**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3034F98	4193F 4	4274F 7
26	3040F99	4234F 4	4316F 7
24	3145F99	4246F 4	4328F 7
22	3260F99	4259F 5	4341F 8
20	3364F98	4271F 5	4354F 8
18	3461F98	4283F 5	4367F 9
16	3573F98	4296F 6	4381F 9
14	3686F98	4309F 6	4394F 9
12	3799F98	4321F 7	4407F10
10	3921F98	4332F 7	4420F10
0	4140F99	4390F 9	4481F12
-10	4198F 1	4458F11	4551F14
-20	4257F 3	4527F13	4623F16
-30	4314F 5	4595F15	4696F19

High QNH **+90** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-1050**
Wing A/I ON **-1050**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3579F99	3865F 7	3965F10
26	3628F99	3920F 8	4020F10
24	3638F 0	3933F 8	4033F11
22	3652F 0	3947F 8	4045F11
20	3664F 0	3960F 9	4064F11
18	3676F 0	3970F 9	4084F12
16	3690F 1	3990F 9	4102F12
14	3702F 1	4004F 9	4120F12
12	3712F 1	4017F10	4141F12
10	3727F 2	4031F10	4161F13
0	3790F 3	4102F12	4260F14
-10	3860F 5	4203F13	4273^14
-20	3923F 7	4228^14	4269^14
-30	3984F 8	4216^13	4258^14

High QNH **+80** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-660**
Wing A/I ON **-660**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 3904 Length 8858 Shift **0** Clearway 0 Stopway 0 Slope -0.03
Rwy Rev. Program Rules FAA **13 Mar 19**

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CIUDAD JUAREZ -CJS 15 *LT H090*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		4904'		**LT H090**	**4904'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	88.3	3303F 6	3534F12	3613F13		3513F 1	3603F 4	4355
40	88.5	3352F 7	3585F12	3669F14		3562F 1	3654F 4	4444
38	88.7	3400F 8	3636F13	3719F15		3610F 2	3703F 5	4530
36	89.0	3448F 9	3686F14	3771F15		3659F 2	3753F 5	4617
34	89.2	3494F 9	3735F14	3821F16		3706F 3	3801F 6	4697
32	89.5	3536F10	3781F15	3868F17		3750F 3	3846F 6	4777
30	89.7	3576F10	3825F16	3913F17		3792F 3	3890F 7	4841
28	89.5	3603F11	3850F16	3938F18		3815F 4	3913F 7	4878
26	89.2	3616F11	3864F16	3953F18		3830F 4	3929F 7	4914
24	88.9	3627F11	3877F17	3966F18		3844F 4	3943F 8	4921
22	88.7	3637F12	3888F17	3977F19		3856F 5	3956F 8	4923
20	88.4	3647F12	3899F17	3989F19		3867F 5	3968F 8	4925
10	86.9	3696F13	3956F18	4048F20		3930F 7	4032F10	4932
0	85.4	3744F14	4012F19	4097F21	3373F 0	3990F 9	4090F12	4923
-10	83.8	3798F15	4067F20	4154F22	3424F 2	4055F10	4154D14	4929
-20	82.2	3853F16	4123F21	4212F23	3811F 2	4119F12	4212D16	4929

High QNH **+60** per .10" Engine A/I ON **-410**
Low QNH **-130** per .10" Wing A/I ON **-410**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 22 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
42	92.9	3607^ 4	3700^ 7	3731^ 8	3559F90	3700^ 0	3731D 3	3830
40	93.0	3682^ 4	3776^ 8	3807^ 9	3597F90	3775^ 0	3807D 3	3909
38	93.1	3750^ 4	3852^ 9	3883^10	3569F91	3849^ 0	3883D 4	3987
36	93.1	3810^ 5	3925^10	3957^11	3540F92	3922^ 1	3957D 4	4065
34	93.1	3869^ 5	3996^11	4028^11	3511F93	3992^ 1	4028D 4	4139
32	93.0	3926^ 6	4066^12	4099^12	3483F93	4061^ 1	4098^ 5	4213
30	92.9	3986F 6	4143^13	4176^13	3456F94	4125^ 2	4175^ 5	4291
28	92.8	4042F 7	4221^14	4255^14	3415F95	4189^ 2	4253^ 5	4376
26	92.7	4086F 7	4257^14	4292^15	3420F95	4230^ 3	4290^ 6	4408
24	92.4	4098F 7	4259^14	4293^15	3455F95	4239^ 3	4292^ 6	4413
22	92.1	4106^ 8	4259^14	4294^15	3490F96	4250^ 3	4293^ 7	4415
20	91.8	4117^ 8	4260^14	4295^15	3524F96	4256^ 4	4294^ 7	4416
10	90.2	4153^10	4262^14	4297^15	3693F97	4260^ 6	4297D 9	4423
0	88.6	4140^12	4249^14	4286^15	3861F98	4249D 8	4286D11	4415
-10	87.0	4135^12	4247^14	4285^14	3879F 0	4247D10	4285D13	4420
-20	85.3	4124^12	4240^14	4279^14	4054F 1	4240D12	4279D15	4420

High QNH **+80** per .10" Engine A/I ON **-1900**
Low QNH **-150** per .10" Wing A/I ON **-1900**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
42	92.9	3607^ 4- 6-13	3700^ 7- 7-14	3731^ 8- 8-15	3761^ 8- 8-15
40	93.0	3682^ 4- 7-14	3776^ 8- 8-15	3807^ 9- 9-16	3838^ 9- 9-16
38	93.1	3750^ 4- 8-15	3852^ 9- 9-16	3883^10-10-17	3914^10-10-17
36	93.1	3810^ 5- 8-16	3925^10-10-17	3957^11-11-18	3989^11-11-18
34	93.1	3869^ 5- 9-17	3996^11-11-18	4028^11-11-19	4061^12-12-19
32	93.0	3926^ 6-10-17	4066^12-12-19	4099^12-12-19	4132^13-13-20
30	92.9	3986F 6-10-18	4143^13-13-20	4176^13-13-20	4209^14-14-21
28	92.8	4042F 7-11-19	4221^14-14-21	4255^14-14-21	4288^15-15-22
26	92.7	4086F 7-12-19	4257^14-14-21	4292^15-15-22	4326^15-15-22
24	92.4	4098F 7-12-19	4259^14-14-21	4293^15-15-22	4327^15-15-22
22	92.1	4106^ 8-12-20	4259^14-14-21	4294^15-15-22	4328^15-15-22
20	91.8	4117^ 8-12-20	4260^14-14-21	4295^15-15-22	4330^15-15-22
10	90.2	4153^10-13-20	4262^14-14-21	4297^15-15-22	4333^15-15-22
0	88.6	4140^12-12-20	4249^14-14-21	4286^15-15-22	4322^15-15-22
-10	87.0	4135^12-12-20	4247^14-14-21	4285^14-14-22	4323^15-15-22
-20	85.3	4124^12-12-20	4240^14-14-21	4279^14-14-22	4318^15-15-22

High QNH **+80** per .10" Engine A/I ON **-1900**
Low QNH **-150** per .10" Wing A/I ON **-1900**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 3904 Length 5610 Shift **0** Clearway 0 Stopway 0 Slope -0.11
Rwy Rev. Program Rules FAA **13 Mar 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 22 -10T	+0	+10H
42	3607^ 4	3700^ 7	3731^ 8
40	3682^ 4	3776^ 8	3807^ 9
38	3750^ 4	3852^ 9	3883^10
36	3810^ 5	3925^10	3957^11
34	3869^ 5	3996^11	4028^11
32	3926^ 6	4066^12	4099^12
30	3986F 6	4143^13	4176^13
28	4042F 7	4221^14	4255^14
26	4086F 7	4257^14	4292^15
24	4098F 7	4259^14	4293^15
22	4106^ 8	4259^14	4294^15
20	4117^ 8	4260^14	4295^15
10	4153^10	4262^14	4297^15
0	4140^12	4249^14	4286^15

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1900**
Wing A/I ON **-1900**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 22 -10T	+0	+10H
42	3602^ 3	3694^ 7	3725^ 8
40	3675^ 4	3770^ 8	3801^ 9
38	3741^ 4	3846^ 9	3877^10
36	3802^ 5	3919^10	3951^10
34	3860^ 5	3990^11	4022^11
32	3918^ 6	4060^12	4093^12
30	3976F 6	4131^13	4165^13
28	4017F 6	4198^13	4232^14
26	4060F 7	4247^14	4281^15
24	4088F 7	4253^14	4288^15
22	4098^ 8	4254^14	4289^15
20	4107^ 8	4255^14	4290^15
10	3966^10	4069^12	4104^12
0	4103^12	4211^14	4248^14

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-300**
Wing A/I ON **-300**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 22 -10T	+0	+10H
42	3559F90	3700^ 0	3731D 3
40	3597F90	3775^ 0	3807D 3
38	3569F91	3849^ 0	3883D 4
36	3540F92	3922^ 1	3957D 4
34	3511F93	3992^ 1	4028D 4
32	3483F93	4061^ 1	4098^ 5
30	3456F94	4125^ 2	4175^ 5
28	3415F95	4189^ 2	4253^ 5
26	3420F95	4230^ 3	4290^ 6
24	3455F95	4239^ 3	4292^ 6
22	3490F96	4250^ 3	4293^ 7
20	3524F96	4256^ 4	4294^ 7
10	3693F97	4260^ 6	4297D 9
0	3861F98	4249D 8	4286D11

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1880**
Wing A/I ON **-1880**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 22 -10T	+0	+10H
42	3551F90	3694^ 0	3725D 3
40	3589F90	3769^ 0	3801D 3
38	3562F91	3843^ 0	3877D 4
36	3533F92	3917^ 1	3951D 4
34	3505F92	3986^ 1	4022D 4
32	3477F93	4055^ 1	4092^ 5
30	3447F94	4117^ 2	4164^ 5
28	3408F94	4161^ 2	4227^ 5
26	3412F95	4206^ 3	4273^ 6
24	3451F95	4232^ 3	4286^ 6
22	3485F95	4243^ 3	4287^ 7
20	3519F96	4250^ 4	4289^ 7
10	3685F97	4069D 6	4104D10
0	3854F98	4211D 8	4248D11

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-300**
Wing A/I ON **-300**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps -10T	+0	+10H
28			
26			
24			
22			
20			
18			
16			
14			
12			
10			
0			
-10			
-20			
-30			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 2 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 3904 Length 5610 Shift **0** Clearway 0 Stopway 0 Slope -0.11
Rwy Rev. Program Rules FAA **13 Mar 19**

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CIUDAD JUAREZ -CJS 21 *DT H210*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		4904'		**DT H210**	**4904'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	88.3	4113F23	4275^26	4304^27	4035F11	4272^20	4304D23	4355
40	88.5	4176F24	4362^27	4392^28	4094F11	4358^20	4391^24	4444
38	88.7	4238F25	4448^29	4478^29	4150F12	4427F21	4476^24	4530
36	89.0	4300F26	4531^30	4562^30	4208F12	4488F21	4560^24	4617
34	89.2	4360F27	4599F31	4641^32	4264F13	4546F22	4638^25	4697
32	89.5	4415F27	4657F32	4720^33	4317F13	4601F22	4700F25	4777
30	89.7	4468F28	4714F32	4794^34	4367F14	4655F23	4755F26	4841
28	89.5	4498F28	4745F33	4831F34	4393F14	4684F23	4785F26	4878
26	89.2	4513F29	4761F33	4847F34	4410F15	4702F24	4803F27	4914
24	88.9	4527F29	4775F33	4862F35	4425F15	4718F24	4820F27	4921
22	88.7	4539F29	4788F33	4875F35	4438F15	4732F24	4835F27	4923
20	88.4	4549F29	4801F34	4887F35	4451F16	4747F25	4850F28	4925
10	86.9	4611F30	4866F35	4906^35	4519F18	4821F27	4904^30	4932
0	85.4	4666F31	4859^35	4894^35	4584F19	4857^29	4894D32	4923
-10	83.8	4727F32	4859^35	4895^35	4653F21	4859D31	4895D35	4929
-20	82.2	4742^33	4853^35	4890^35	4726F23	4853D34	4890D35	4929

High QNH **+0** per .10" Engine A/I ON **-1690**
Low QNH **-160** per .10" Wing A/I ON **-1690**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	92.9	4199^25	4286^26	4315^27	4100F12	4285^22	4315D25	4356
40	93.0	4270F26	4374^28	4403^28	4161F13	4372^22	4403D25	4445
38	93.1	4333F27	4460^29	4489^29	4219F13	4456^23	4489D26	4531
36	93.1	4395F27	4544^30	4574^31	4277F14	4539^23	4573^26	4618
34	93.1	4457F28	4624^31	4654^32	4333F14	4618^23	4653^27	4699
32	93.0	4517F29	4704^32	4734^33	4388F15	4683F24	4732^27	4780
30	92.9	4577F30	4790^34	4821^34	4444F15	4742F24	4817^27	4864
28	92.8	4637F31	4876^35	4908^35	4500F16	4801F25	4902^28	4954
26	92.7	4684F31	4918^35	4949^36	4542F16	4846F26	4944^28	4989
24	92.4	4697F32	4919^35	4951^36	4556F17	4862F26	4947^29	4994
22	92.1	4710F32	4921^35	4952^36	4570F17	4877F26	4948^29	4996
20	91.8	4722F32	4922^35	4954^36	4585F17	4892F27	4950^30	4997
10	90.2	4784F33	4926^35	4959^36	4655F19	4922^29	4959D32	5005
0	88.6	4811^33	4913^35	4947^36	4724F21	4913D31	4947D35	4997
-10	87.0	4808^33	4913^35	4947^36	4798^23	4913D34	4947D36	5002
-20	85.3	4797^33	4906^35	4942^36	4793^26	4906D35	4942D36	5001

High QNH **+90** per .10" Engine A/I ON **-2070**
Low QNH **-170** per .10" Wing A/I ON **-2070**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	92.9	4199^25-25-34	4286^26-26-35	4315^27-27-36	4344^27-27-36
40	93.0	4270F26-26-35	4374^28-28-37	4403^28-28-37	4432^29-29-38
38	93.1	4333F27-27-36	4460^29-29-38	4489^29-29-38	4519^30-30-39
36	93.1	4395F27-27-37	4544^30-30-39	4574^31-31-40	4604^31-31-40
34	93.1	4457F28-28-38	4624^31-31-40	4654^32-32-41	4684^32-32-41
32	93.0	4517F29-29-39	4704^32-32-42	4734^33-33-42	4765^33-33-42
30	92.9	4577F30-30-40	4790^34-34-43	4821^34-34-43	4852^35-35-44
28	92.8	4637F31-31-41	4876^35-35-44	4908^35-35-45	4939^36-36-45
26	92.7	4684F31-31-41	4918^35-35-45	4949^36-36-45	4980^36-36-46
24	92.4	4697F32-32-41	4919^35-35-45	4951^36-36-45	4982^36-36-46
22	92.1	4710F32-32-42	4921^35-35-45	4952^36-36-45	4984^36-36-46
20	91.8	4722F32-32-42	4922^35-35-45	4954^36-36-45	4985^36-36-46
10	90.2	4784F33-33-43	4926^35-35-45	4959^36-36-45	4992^36-36-46
0	88.6	4811^33-33-43	4913^35-35-45	4947^36-36-45	4981^36-36-46
-10	87.0	4808^33-33-43	4913^35-35-45	4947^36-36-45	4982^36-36-46
-20	85.3	4797^33-33-43	4906^35-35-44	4942^36-36-45	4977^36-36-46

High QNH **+90** per .10" Engine A/I ON **-2070**
Low QNH **-170** per .10" Wing A/I ON **-2070**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 3904 Length 8858 Shift **0** Clearway 0 Stopway 0 Slope +0.03
Rwy Rev. Program Rules FAA **13 Mar 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
42	4199^25	4286^26	4315^27
40	4270F26	4374^28	4403^28
38	4333F27	4460^29	4489^29
36	4395F27	4544^30	4574^31
34	4457F28	4624^31	4654^32
32	4517F29	4704^32	4734^33
30	4577F30	4790^34	4821^34
28	4637F31	4876^35	4908^35
26	4684F31	4918^35	4949^36
24	4697F32	4919^35	4951^36
22	4710F32	4921^35	4952^36
20	4722F32	4922^35	4954^36
10	4784F33	4926^35	4959^36
0	4811^33	4913^35	4947^36

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2070**
Wing A/I ON **-2070**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
42	4190F25	4279^26	4308^27
40	4257F26	4367^28	4396^28
38	4320F26	4453^29	4482^29
36	4382F27	4537^30	4567^31
34	4444F28	4617^31	4647^32
32	4504F29	4697^32	4727^33
30	4564F30	4778^33	4809^34
28	4610F30	4854^34	4886^35
26	4655F31	4905F35	4939^36
24	4685F31	4914^35	4945^36
22	4697F32	4915^35	4946^36
20	4710F32	4916^35	4948^36
10	4618^31	4716^33	4749^33
0	4768^33	4870^35	4903^35

High QNH **+80** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-340**
Wing A/I ON **-340**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
42	4100F12	4285^22	4315D25
40	4161F13	4372^22	4403D25
38	4219F13	4456^23	4489D26
36	4277F14	4539^23	4573^26
34	4333F14	4618^23	4653^27
32	4388F15	4683F24	4732^27
30	4444F15	4742F24	4817^27
28	4500F16	4801F25	4902^28
26	4542F16	4846F26	4944^28
24	4556F17	4862F26	4947^29
22	4570F17	4877F26	4948^29
20	4585F17	4892F27	4950^30
10	4655F19	4922^29	4959D32
0	4724F21	4913D31	4947D35

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2030**
Wing A/I ON **-2030**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
42	4091F12	4278^22	4308D25
40	4152F13	4364^22	4396D25
38	4210F13	4449^22	4482D26
36	4267F14	4532^23	4566^26
34	4324F14	4612^23	4646^27
32	4379F15	4672F24	4725^27
30	4435F15	4731F24	4805^27
28	4477F16	4776F25	4880^28
26	4519F16	4821F25	4924F28
24	4547F17	4852F26	4940^29
22	4561F17	4867F26	4942^29
20	4575F17	4882F26	4944^30
10	4569F19	4716D30	4749D33
0	4680F21	4870D31	4903D35

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-340**
Wing A/I ON **-340**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3099F98	4188F 4	4269F 7
26	3106F99	4228F 4	4310F 7
24	3210F99	4241F 5	4323F 8
22	3318F98	4253F 5	4336F 8
20	3425F98	4266F 5	4349F 8
18	3521F98	4278F 6	4362F 9
16	3630F98	4291F 6	4375F 9
14	3744F98	4303F 6	4388F 9
12	3871F98	4314F 7	4401F10
10	3975F98	4327F 7	4414F10
0	4133F99	4385F 9	4476F12
-10	4193F 1	4452F11	4546F14
-20	4252F 3	4521F13	4618F17
-30	4309F 5	4589F16	4691F19

High QNH **+90** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-1050**
Wing A/I ON **-1050**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3574F99	3860F 7	3960F10
26	3624F99	3916F 8	4015F10
24	3635F 0	3928F 8	4028F11
22	3645F 0	3942F 8	4046F11
20	3659F 0	3956F 9	4067F11
18	3671F 1	3970F 9	4085F12
16	3682F 1	3984F 9	4106F12
14	3697F 1	3999F10	4124F12
12	3709F 2	4012F10	4143F12
10	3719F 2	4025F10	4163F13
0	3783F 3	4104F12	4263F14
-10	3855F 5	4205F13	4273^14
-20	3919F 7	4227^14	4268^14
-30	3979F 8	4216^13	4258^14

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-580**
Wing A/I ON **-580**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	3904	Length	8858	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.03
Rwy Rev.		Program						Rules	FAA		**13 Mar 19**

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CIUDAD JUAREZ -CJS 33 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		4700'		**RT H110**	**4904'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	88.3	3287F 6	3517F11	3592F13		3499F 1	3586F 4	4355
40	88.5	3335F 7	3568F12	3646F14		3548F 1	3638F 5	4444
38	88.7	3383F 8	3618F13	3700F14		3596F 2	3689F 5	4530
36	89.0	3431F 8	3669F13	3754F15		3644F 2	3738F 5	4617
34	89.2	3478F 9	3717F14	3802F16		3691F 3	3786F 6	4697
32	89.5	3521F10	3763F15	3849F16		3735F 3	3831F 6	4777
30	89.7	3563F10	3807F15	3894F17		3777F 4	3874F 7	4841
28	89.5	3586F11	3831F16	3919F18		3800F 4	3898F 7	4878
26	89.2	3598F11	3845F16	3933F18		3815F 4	3914F 8	4914
24	88.9	3609F11	3858F16	3946F18		3829F 5	3928F 8	4921
22	88.7	3619F11	3869F16	3958F18		3841F 5	3940F 8	4923
20	88.4	3629F11	3880F17	3969F18		3853F 5	3953F 9	4925
10	86.9	3678F12	3937F18	4023F19	2692F 1	3914F 7	4014F10	4932
0	85.4	3726F13	3990F19	4072F20	3449F 0	3974F 9	4071F12	4923
-10	83.8	3779F15	4042F20	4128F22	3493F 2	4035F11	4128D14	4929
-20	82.2	3833F16	4097F21	4185F23	3796F 2	4097D13	4185D16	4929

High QNH **+50** per .10" Engine A/I ON **-410**
Low QNH **-120** per .10" Wing A/I ON **-410**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 22 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
42	92.9	3592^ 4	3698^ 7	3728^ 8	3534^90	3698D 0	3728D 3	3830
40	93.0	3655^ 4	3774^ 8	3805^ 9	3594F90	3774^ 0	3805D 4	3909
38	93.1	3716^ 5	3840^ 9	3872^ 9	3589F91	3840D 1	3872D 4	3987
36	93.1	3777^ 5	3908^10	3941^10	3559F92	3902^ 1	3941D 4	4065
34	93.1	3836^ 5	3975^11	4008^11	3532F93	3961^ 1	4008D 5	4139
32	93.0	3894^ 6	4039^11	4074^12	3509F93	4019^ 2	4074D 5	4213
30	92.9	3951^ 6	4103^12	4140^13	3481F94	4079^ 2	4140D 5	4291
28	92.8	4011^ 7	4171^13	4211^14	3443F95	4144^ 2	4211D 6	4376
26	92.7	4052^ 7	4212^13	4252^14	3449F95	4183^ 3	4252D 6	4408
24	92.4	4062^ 8	4220^14	4259^14	3483F95	4193^ 3	4259D 7	4413
22	92.1	4072^ 8	4227^14	4265^14	3517F96	4203^ 4	4265D 7	4415
20	91.8	4082^ 8	4235^14	4272^14	3551F96	4214^ 4	4272D 7	4416
10	90.2	4129^10	4260^14	4295^15	3719F97	4259^ 6	4295D 9	4423
0	88.6	4137^12	4247^14	4283^14	3882F98	4247D 8	4283D11	4415
-10	87.0	4133^12	4245^14	4282^14	3898F 0	4245D10	4282D14	4420
-20	85.3	4122^12	4238^14	4276^14	4071F 1	4238D12	4276D15	4420

High QNH **+80** per .10" Engine A/I ON **-1890**
Low QNH **-160** per .10" Wing A/I ON **-1890**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
42	92.9	3592^ 4- 6-13	3698^ 7- 7-14	3728^ 8- 8-15	3758^ 8- 8-15
40	93.0	3655^ 4- 6-13	3774^ 8- 8-15	3805^ 9- 9-16	3835^ 9- 9-16
38	93.1	3716^ 5- 7-14	3840^ 9- 9-16	3872^ 9- 9-17	3905^10-10-17
36	93.1	3777^ 5- 8-15	3908^10-10-17	3941^10-10-18	3974^11-11-18
34	93.1	3836^ 5- 9-16	3975^11-11-18	4008^11-11-18	4042^12-12-19
32	93.0	3894^ 6- 9-17	4039^11-11-19	4074^12-12-19	4109^12-12-20
30	92.9	3951^ 6-10-18	4103^12-12-20	4140^13-13-20	4175^13-13-20
28	92.8	4011^ 7-11-18	4171^13-13-20	4211^14-14-21	4247^14-14-21
26	92.7	4052^ 7-11-19	4212^13-13-21	4252^14-14-21	4288^15-15-22
24	92.4	4062^ 8-11-19	4220^14-14-21	4259^14-14-21	4295^15-15-22
22	92.1	4072^ 8-11-19	4227^14-14-21	4265^14-14-21	4302^15-15-22
20	91.8	4082^ 8-12-19	4235^14-14-21	4272^14-14-22	4308^15-15-22
10	90.2	4129^10-12-20	4260^14-14-21	4295^15-15-22	4330^15-15-22
0	88.6	4137^12-12-20	4247^14-14-21	4283^14-14-22	4319^15-15-22
-10	87.0	4133^12-12-20	4245^14-14-21	4282^14-14-22	4319^15-15-22
-20	85.3	4122^12-12-20	4238^14-14-21	4276^14-14-22	4315^15-15-22

High QNH **+80** per .10" Engine A/I ON **-1890**
Low QNH **-160** per .10" Wing A/I ON **-1890**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 3904 Length 5610 Shift **0** Clearway 0 Stopway 0 Slope +0.11
Rwy Rev. Program Rules FAA **13 Mar 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
42	3592^ 4	3698^ 7	3728^ 8	3583^ 3	3692^ 7	3722^ 8			
40	3655^ 4	3774^ 8	3805^ 9	3647^ 4	3764^ 8	3796^ 9			
38	3716^ 5	3840^ 9	3872^ 9	3707^ 4	3833^ 9	3864^ 9			
36	3777^ 5	3908^10	3941^10	3769^ 5	3901^10	3933^10			
34	3836^ 5	3975^11	4008^11	3827^ 5	3967^11	4000^11			
32	3894^ 6	4039^11	4074^12	3885^ 6	4031^11	4066^12			
30	3951^ 6	4103^12	4140^13	3942^ 6	4094^12	4132^13			
28	4011^ 7	4171^13	4211^14	3984^ 7	4140^13	4179^13			
26	4052^ 7	4212^13	4252^14	4027^ 7	4186^13	4226^14			
24	4062^ 8	4220^14	4259^14	4054^ 7	4212^13	4251^14			
22	4072^ 8	4227^14	4265^14	4063^ 8	4220^14	4258^14			
20	4082^ 8	4235^14	4272^14	4073^ 8	4227^14	4265^14			
10	4129^10	4260^14	4295^15	3964^10	4067^12	4101^12			
0	4137^12	4247^14	4283^14	4101^11	4208^14	4244^14			
	High QNH **+80** per .10" Low QNH **-160** per .10"			High QNH **+30** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1890** Wing A/I ON **-1890**			Engine A/I ON **-290** Wing A/I ON **-290**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
42	3534^90	3698D 0	3728D 3	3526^90	3692D 0	3722D 3			
40	3594F90	3774^ 0	3805D 4	3585F90	3764D 0	3796D 3			
38	3589F91	3840D 1	3872D 4	3581F91	3833D 0	3864D 4			
36	3559F92	3902^ 1	3941D 4	3552F92	3895^ 1	3933D 4			
34	3532F93	3961^ 1	4008D 5	3526F92	3954^ 1	4000D 4			
32	3509F93	4019^ 2	4074D 5	3503F93	4012^ 2	4066D 5			
30	3481F94	4079^ 2	4140D 5	3476F94	4072^ 2	4132D 5			
28	3443F95	4144^ 2	4211D 6	3435F95	4115^ 2	4179D 6			
26	3449F95	4183^ 3	4252D 6	3440F95	4160^ 3	4226D 6			
24	3483F95	4193^ 3	4259D 7	3478F95	4186^ 3	4251D 6			
22	3517F96	4203^ 4	4265D 7	3512F96	4195^ 4	4258D 7			
20	3551F96	4214^ 4	4272D 7	3545F96	4206^ 4	4265D 7			
10	3719F97	4259^ 6	4295D 9	3709F97	4067D 6	4101D10			
0	3882F98	4247D 8	4283D11	3872F98	4208D 8	4244D11			
	High QNH **+80** per .10" Low QNH **-150** per .10"			High QNH **+30** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1890** Wing A/I ON **-1890**			Engine A/I ON **-290** Wing A/I ON **-290**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28					2667F90	3054F92			
26					2666F91	3089F92			
24					2745F90	3102F92			
22					2818F90	3115F92			
20					2891F90	3129F93			
18					2982F90	3142F93			
16					3034F90	3157F93			
14					3048F91	3170F94			
12					3062F91	3186F94			
10					3075F91	3200F94			
0					3143F93	3274F96			
-10					3195F94	3353F97			
-20					3278F96	3435F99			
-30					3384F98	3525F 1			
	High QNH per .10" Low QNH per .10"			High QNH **+50** per .10" Low QNH **-220** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON Wing A/I ON			Engine A/I ON **-770** Wing A/I ON **-770**			Engine A/I ON Wing A/I ON		

Elevation 3904 Length 5610 Shift **0** Clearway 0 Stopway 0 Slope +0.11

Rwy Rev. Program Rules FAA **13 Mar 19**

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CIUDAD OBREGON -CEN 13 *DT H128*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1205'		DT H128	1205'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4139F22	4386F27	4469F29
46	87.7	4212F23	4464F28	4548F30
44	87.7	4261F24	4516F29	4601F30
42	87.5	4285F24	4542F29	4628F31
40	87.3	4305F25	4564F29	4650F31
38	87.0	4316F25	4573F30	4661F31
36	86.7	4326F25	4585F30	4673F31
34	86.5	4337F25	4596F30	4684F31
32	86.2	4347F25	4608F30	4697F32
30	85.9	4358F26	4620F30	4709F32
20	84.5	4414F27	4680F31	4771F33
10	83.0	4470F28	4739F32	4833F34
0	81.5	4532F29	4805F33	4900F35
-10	80.0	4589F30	4869F35	4933^36
-20	78.5	4648F31	4885^35	4927^36
-30	76.9	4707F32	4876^35	4919^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4077F10	4365F20	4464F23	4690
4146F10	4438F20	4537F23	4807
4192F11	4487F21	4588F24	4879
4217F11	4514F21	4615F24	4943
4237F12	4536F21	4638F24	4958
4247F12	4549F22	4651F25	4960
4259F12	4562F22	4664F25	4962
4271F13	4575F22	4677F25	4964
4283F13	4586F23	4691F26	4966
4295F13	4600F23	4705F26	4968
4357F15	4668F25	4771D28	4976
4420F17	4737F26	4833D30	4972
4489F19	4805D28	4900D31	4984
4556F21	4869D30	4933D34	4987
4624F22	4885D33	4927D36	4984
4695F24	4876D35	4919D36	4981

High QNH **+0** per .10" — Engine A/I ON **-790**
Low QNH **-160** per .10" — Wing A/I ON **-790**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4231F24	4478F29	4564F30
46	90.9	4308F25	4559F30	4646F31
44	90.8	4380F26	4636F31	4724F32
42	90.6	4447F27	4708F32	4797F33
40	90.4	4492F27	4758F32	4847F34
38	90.2	4535F28	4802F33	4894F34
36	89.9	4572F28	4841F33	4935F35
34	89.6	4600F29	4869F33	4964F35
32	89.3	4614F29	4884F33	4979F35
30	89.0	4625F29	4897F34	4990F35
20	87.5	4684F30	4962F35	5057F36
10	86.0	4741F31	5025F36	5071A37
0	84.4	4806F32	5071A37	5071A37
-10	82.9	4869F33	5071A36	5071A36
-20	81.3	4933F34	5071A37	5071A37
-30	79.7	4996F35	5071A37	5071A37

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4142F11	4441F21	4543F24	4691
4212F12	4514F21	4619F25	4809
4278F12	4586F22	4692F25	4915
4341F13	4653F23	4760F26	5018
4389F13	4701F23	4810F26	5071
4435F13	4747F23	4857F26	5071
4477F13	4789F23	4899F26	5071
4507F14	4819F24	4930F27	5071
4523F14	4836F24	4947F27	5071
4536F14	4851F24	4962F27	5071
4600F16	4924F26	5036F29	5071
4663F18	4994F28	5071A31	5071
4736F20	5071A30	5071A34	5071
4808F22	5071A32	5071A36	5071
4881F24	5071A35	5071A37	5071
4958F26	5071A37	5071A37	5071

High QNH **+0** per .10" — Engine A/I ON **-440**
Low QNH **-160** per .10" — Wing A/I ON **-440**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4231F24-24-34	4478F29-29-38	4564F30-30-39	4653F32-32-41
46	90.9	4308F25-25-36	4559F30-30-39	4646F31-31-41	4736F33-33-42
44	90.8	4380F26-26-37	4636F31-31-41	4724F32-32-42	4815F34-34-43
42	90.6	4447F27-27-38	4708F32-32-42	4797F33-33-43	4887F35-35-44
40	90.4	4492F27-27-38	4758F32-32-42	4847F34-34-44	4938F35-35-45
38	90.2	4535F28-28-39	4802F33-33-43	4894F34-34-44	4985F36-36-46
36	89.9	4572F28-28-40	4841F33-33-43	4935F35-35-45	5027F36-36-46
34	89.6	4600F29-29-40	4869F33-33-44	4964F35-35-45	5057F36-36-47
32	89.3	4614F29-29-40	4884F33-33-44	4979F35-35-45	5071A37-37-47
30	89.0	4625F29-29-40	4897F34-34-44	4990F35-35-46	5071A37-37-47
20	87.5	4684F30-30-41	4962F35-35-45	5057F36-36-47	5071A37-37-47
10	86.0	4741F31-31-42	5025F36-36-46	5071A37-37-47	5071A37-37-47
0	84.4	4806F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	82.9	4869F33-33-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.3	4933F34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	79.7	4996F35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" — Engine A/I ON **-440**
Low QNH **-160** per .10" — Wing A/I ON **-440**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	205	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.20
Rwy Rev.		Program						Rules	FAA		**01 Aug 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4231F24	4478F29	4564F30	4221F24	4467F28	4553F30			
46	4308F25	4559F30	4646F31	4296F25	4547F30	4634F31			
44	4380F26	4636F31	4724F32	4363F26	4619F30	4707F32			
42	4447F27	4708F32	4797F33	4422F27	4682F31	4770F33			
40	4492F27	4758F32	4847F34	4479F27	4745F32	4834F33			
38	4535F28	4802F33	4894F34	4519F28	4786F32	4878F34			
36	4572F28	4841F33	4935F35	4559F28	4827F33	4921F34			
34	4600F29	4869F33	4964F35	4586F28	4855F33	4950F35			
32	4614F29	4884F33	4979F35	4600F29	4870F33	4965F35			
30	4625F29	4897F34	4990F35	4613F29	4884F33	4980F35			
20	4684F30	4962F35	5057F36	4672F30	4950F35	5045F36			
10	4741F31	5025F36	5071A37	4705F31	4986F35	5071A37			
0	4806F32	5071A37	5071A37	4764F32	5048F36	5071A37			
-10	4869F33	5071A36	5071A36	4825F33	5071A37	5071A37			
	High QNH +0 per .10"			High QNH +0 per .10"			High QNH per .10"		
	Low QNH -160 per .10"			Low QNH -160 per .10"			Low QNH per .10"		
	Engine A/I ON -440			Engine A/I ON -60			Engine A/I ON		
	Wing A/I ON -440			Wing A/I ON -60			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4142F11	4441F21	4543F24	4135F11	4432F21	4533F24			
46	4212F12	4514F21	4619F25	4203F12	4505F21	4609F24			
44	4278F12	4586F22	4692F25	4267F12	4572F22	4678F25			
42	4341F13	4653F23	4760F26	4323F12	4632F22	4738F25			
40	4389F13	4701F23	4810F26	4380F13	4691F23	4799F26			
38	4435F13	4747F23	4857F26	4424F13	4734F23	4844F26			
36	4477F13	4789F23	4899F26	4468F13	4778F23	4888F26			
34	4507F14	4819F24	4930F27	4497F14	4808F23	4918F27			
32	4523F14	4836F24	4947F27	4512F14	4824F24	4934F27			
30	4536F14	4851F24	4962F27	4527F14	4841F24	4951F27			
20	4600F16	4924F26	5036F29	4592F16	4914F26	5025F29			
10	4663F18	4994F28	5071A31	4628F18	4961F28	5071A31			
0	4736F20	5071A30	5071A34	4696F20	5033F30	5071A33			
-10	4808F22	5071A32	5071A36	4767F22	5071A32	5071A36			
	High QNH +0 per .10"			High QNH +0 per .10"			High QNH per .10"		
	Low QNH -160 per .10"			Low QNH -160 per .10"			Low QNH per .10"		
	Engine A/I ON -380			Engine A/I ON -50			Engine A/I ON		
	Wing A/I ON -380			Wing A/I ON -50			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3260F95	4279F 2	4551F 4	3503F98	3883F 6	4084F 9			
26	3298F95	4307F 2	4577F 5	3515F98	3903F 6	4110F 9			
24	3336F96	4336F 2	4583^ 5	3526F98	3922F 7	4137F 9			
22	3372F96	4363F 3	4585^ 5	3538F99	3945F 7	4153F 9			
20	3405F96	4390F 3	4586^ 6	3549F99	3964F 7	4168F 9			
18	3445F96	4419F 3	4588^ 6	3560F99	3987F 8	4185F10			
16	3485F96	4448F 4	4588^ 7	3570F 0	4008F 8	4200F10			
14	3520F97	4476F 4	4585^ 7	3582F 0	4032F 8	4216F10			
12	3568F97	4504F 4	4582^ 8	3595F 0	4056F 8	4232F11			
10	3611F97	4528^ 4	4583^ 8	3607F 0	4085F 8	4246F11			
0	3845F99	4537^ 6	4594^10	3675F 2	4192F10	4336F13			
-10	3878F 1	4540^ 9	4598^13	3751F 4	4278F11	4420F14			
-20	4043F 2	4538^11	4596^15	3838F 5	4362F13	4505F16			
-30	4206F 3	4534^14	4589D18	3956F 7	4443F15	4580^18			
	High QNH +60 per .10"			High QNH +100 per .10"			High QNH per .10"		
	Low QNH -80 per .10"			Low QNH -140 per .10"			Low QNH per .10"		
	Engine A/I ON -760			Engine A/I ON -490			Engine A/I ON		
	Wing A/I ON -760			Wing A/I ON -490			Wing A/I ON		

Elevation 205 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.20

Rwy Rev. Program Rules FAA **01 Aug 17**

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CIUDAD OBREGON -CEN 31 *LT H270*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1205'		LT H270	1205'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4187F23	4440F28	4526F30
46	87.7	4261F24	4517F29	4606F31
44	87.7	4310F25	4567F30	4659F31
42	87.5	4335F25	4594F30	4686F32
40	87.3	4355F26	4616F30	4708F32
38	87.0	4366F26	4627F31	4720F32
36	86.7	4377F26	4639F31	4732F32
34	86.5	4387F26	4651F31	4744F33
32	86.2	4398F26	4664F31	4756F33
30	85.9	4409F27	4676F31	4769F33
20	84.5	4465F28	4740F32	4832F34
10	83.0	4522F29	4801F33	4879^35
0	81.5	4585F30	4868F35	4929^36
-10	80.0	4645F31	4898^35	4938^36
-20	78.5	4708F32	4890^35	4932^36
-30	76.9	4752^33	4880^35	4924^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4115F10	4406F19	4508F22	4690
4184F10	4479F20	4583F23	4807
4231F10	4528F20	4632F23	4879
4254F11	4555F21	4659F24	4943
4275F11	4578F21	4682F24	4958
4287F11	4591F21	4696F24	4960
4299F12	4602F22	4710F25	4962
4311F12	4615F22	4724F25	4964
4323F12	4629F22	4738F25	4966
4335F13	4643F23	4752F26	4968
4398F15	4714F24	4823F27	4976
4461F16	4785F26	4879D29	4972
4531F18	4861F28	4929D31	4984
4598F20	4898D30	4938D34	4987
4670F22	4890D33	4932D36	4984
4744F24	4880D35	4924D36	4981

High QNH **+0** per .10" — Low QNH **-160** per .10"
Engine A/I ON **-840** — Wing A/I ON **-840**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4281F25	4535F30	4601^31
46	90.9	4358F26	4617F31	4695^32
44	90.8	4429F27	4694F32	4784F33
42	90.6	4497F28	4766F33	4857F34
40	90.4	4544F28	4814F33	4908F35
38	90.2	4587F29	4858F34	4954F35
36	89.9	4625F29	4895F34	4992F35
34	89.6	4653F29	4924F34	5021F36
32	89.3	4667F30	4939F34	5037F36
30	89.0	4679F30	4952F35	5051F36
20	87.5	4738F31	5020F36	5071A37
10	86.0	4797F32	5071A37	5071A37
0	84.4	4863F33	5071A37	5071A37
-10	82.9	4926F34	5071A36	5071A36
-20	81.3	4992F35	5071A37	5071A37
-30	79.7	5059F36	5071A37	5071A37

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4177F11	4482F21	4578^24	4691
4249F11	4557F21	4662F24	4809
4316F12	4626F22	4735F25	4915
4380F12	4693F22	4804F25	5018
4429F13	4743F22	4854F26	5071
4475F13	4789F23	4900F26	5071
4518F13	4832F23	4943F26	5071
4549F13	4863F23	4972F26	5071
4565F14	4880F24	4990F27	5071
4577F14	4894F24	5006F27	5071
4643F16	4967F26	5071A29	5071
4706F18	5042F28	5071A31	5071
4780F19	5071A30	5071A34	5071
4853F21	5071A32	5071A36	5071
4927F23	5071A35	5071A37	5071
5004F25	5071A37	5071A37	5071

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **-270** — Wing A/I ON **-270**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4281F25-25-35	4535F30-30-39	4601^31-31-40	4658^32-32-41
46	90.9	4358F26-26-36	4617F31-31-40	4695^32-32-41	4753^33-33-42
44	90.8	4429F27-27-37	4694F32-32-41	4784F33-33-43	4842^34-34-43
42	90.6	4497F28-28-38	4766F33-33-42	4857F34-34-44	4924^35-35-45
40	90.4	4544F28-28-39	4814F33-33-43	4908F35-35-44	4991^36-36-46
38	90.2	4587F29-29-40	4858F34-34-44	4954F35-35-45	5048F37-37-46
36	89.9	4625F29-29-40	4895F34-34-44	4992F35-35-46	5071A37-37-47
34	89.6	4653F29-29-41	4924F34-34-45	5021F36-36-46	5071A37-37-47
32	89.3	4667F30-30-41	4939F34-34-45	5037F36-36-46	5071A37-37-47
30	89.0	4679F30-30-41	4952F35-35-45	5051F36-36-47	5071A37-37-47
20	87.5	4738F31-31-42	5020F36-36-46	5071A37-37-47	5071A37-37-47
10	86.0	4797F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.4	4863F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	82.9	4926F34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.3	4992F35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	79.7	5059F36-36-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **-270** — Wing A/I ON **-270**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 205 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope -0.20
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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4281F25	4535F30	4601^31	4270F25	4524F30	4592^31			
46	4358F26	4617F31	4695^32	4346F26	4605F31	4685^32			
44	4429F27	4694F32	4784F33	4414F27	4677F31	4766F33			
42	4497F28	4766F33	4857F34	4472F27	4739F32	4831F34			
40	4544F28	4814F33	4908F35	4532F28	4801F33	4895F34			
38	4587F29	4858F34	4954F35	4572F29	4842F33	4937F35			
36	4625F29	4895F34	4992F35	4612F29	4883F34	4978F35			
34	4653F29	4924F34	5021F36	4639F29	4909F34	5006F36			
32	4667F30	4939F34	5037F36	4653F29	4924F34	5022F36			
30	4679F30	4952F35	5051F36	4667F30	4940F34	5038F36			
20	4738F31	5020F36	5071A37	4727F31	5008F36	5071A37			
10	4797F32	5071A37	5071A37	4760F32	5049F36	5071A37			
0	4863F33	5071A37	5071A37	4820F33	5071A37	5071A37			
-10	4926F34	5071A36	5071A36	4880F34	5071A37	5071A37			
	High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-270** Wing A/I ON **-270**			Engine A/I ON **-60** Wing A/I ON **-60**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4177F11	4482F21	4578^24	4170F11	4473F21	4570^24			
46	4249F11	4557F21	4662F24	4241F11	4548F21	4652F24			
44	4316F12	4626F22	4735F25	4305F12	4613F21	4721F25			
42	4380F12	4693F22	4804F25	4362F12	4672F22	4783F25			
40	4429F13	4743F22	4854F26	4420F12	4732F22	4843F26			
38	4475F13	4789F23	4900F26	4464F13	4777F23	4887F26			
36	4518F13	4832F23	4943F26	4509F13	4821F23	4931F26			
34	4549F13	4863F23	4972F26	4538F13	4851F23	4960F26			
32	4565F14	4880F24	4990F27	4554F13	4868F23	4978F27			
30	4577F14	4894F24	5006F27	4569F14	4885F24	4995F27			
20	4643F16	4967F26	5071A29	4634F16	4957F26	5071A29			
10	4706F18	5042F28	5071A31	4672F17	5007F27	5071A31			
0	4780F19	5071A30	5071A34	4739F19	5071A29	5071A33			
-10	4853F21	5071A32	5071A36	4812F21	5071A32	5071A36			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-410** Wing A/I ON **-410**			Engine A/I ON **-60** Wing A/I ON **-60**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	2837F95	4197F 1	4483F 4	3535F97	3935F 5	4143F 8			
26	3041F95	4222F 2	4507F 4	3547F97	3956F 5	4159F 8			
24	3176F95	4252F 2	4535F 4	3558F97	3977F 6	4177F 8			
22	3215F95	4285F 2	4565F 5	3570F98	3998F 6	4193F 8			
20	3254F95	4310F 2	4590F 5	3580F98	4023F 6	4208F 9			
18	3290F95	4343F 3	4593^ 5	3591F98	4045F 6	4223F 9			
16	3360F96	4370F 3	4592^ 6	3602F98	4068F 7	4239F 9			
14	3401F96	4399F 3	4590^ 6	3616F99	4096F 7	4255F10			
12	3440F96	4430F 4	4587^ 7	3630F99	4124F 7	4271F10			
10	3480F97	4461F 4	4587^ 7	3643F99	4145F 7	4289F10			
0	3714F98	4542^ 6	4597^ 9	3713F 1	4231F 9	4376F12			
-10	3762F 0	4543^ 8	4601^12	3782F 2	4317F11	4460F14			
-20	3938F 1	4540^10	4598^14	3904F 4	4400F12	4536^15			
-30	4114F 3	4535^13	4595^17	4004F 6	4475^14	4580^18			
	High QNH **+60** per .10" Low QNH **-80** per .10"			High QNH **+90** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-700** Wing A/I ON **-700**			Engine A/I ON **-490** Wing A/I ON **-490**			Engine A/I ON Wing A/I ON		

Elevation 205 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope -0.20

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COLIMA -CLQ 07 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
V2		**D6.1 COL**		**RT COL**	**3800'**	**LEFT TURNS**

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
44	87.9	3904F19	4134F23	4212F24	3847F 7	4117F16	4209F19	4505
42	88.2	3965F19	4199F24	4278F25	3905F 7	4178F16	4272F19	4600
40	88.5	4025F20	4264F25	4344F26	3963F 8	4239F17	4334F20	4694
38	88.5	4084F21	4326F26	4407F27	4018F 8	4297F18	4394F21	4784
36	88.4	4130F22	4373F26	4454F28	4062F 9	4343F18	4442F21	4861
34	88.4	4162F22	4407F27	4489F28	4093F 9	4376F18	4475F21	4930
32	88.4	4183F22	4429F27	4511F29	4114F 9	4399F19	4498F22	4940
30	88.3	4193F23	4441F27	4523F29	4125F10	4412F19	4511F22	4941
28	88.0	4204F23	4453F27	4535F29	4137F10	4425F19	4524F22	4943
26	87.7	4214F23	4464F28	4547F29	4148F10	4438F20	4536F23	4944
24	87.4	4225F23	4475F28	4558F29	4160F11	4452F20	4550F23	4946
20	86.8	4247F24	4497F28	4583F30	4184F11	4478F21	4577F24	4949
10	85.3	4301F25	4555F29	4643F31	4243F13	4543F23	4643D26	4952
0	83.8	4355F26	4613F30	4703F32	4305F15	4611F25	4703D28	4947
-10	82.3	4413F27	4676F31	4754^33	4371F17	4676D26	4754D30	4953
-20	80.7	4470F28	4707^32	4764^33	4438F19	4707D29	4764D32	4951

High QNH **+20** per .10" Engine A/I ON **-430**
Low QNH **-150** per .10" Wing A/I ON **-430**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
44	91.5	3990F20	4219F25	4280^26	3909F 8	4187F17	4279^20	4505
42	91.7	4052F21	4287F26	4365^27	3968F 8	4250F18	4348F21	4601
40	91.8	4116F22	4354F26	4436F28	4026F 9	4313F18	4412F21	4696
38	91.9	4176F23	4417F27	4499F29	4082F 9	4373F19	4472F22	4785
36	92.1	4236F24	4480F28	4564F30	4138F10	4432F19	4531F22	4876
34	92.0	4291F24	4539F29	4623F30	4191F10	4487F20	4587F23	4965
32	91.9	4340F25	4591F29	4677F31	4240F11	4537F20	4639F23	5055
30	91.7	4383F25	4636F30	4722F32	4281F11	4580F21	4684F24	5071
28	91.4	4398F26	4652F30	4738F32	4298F11	4598F21	4702F24	5071
26	91.1	4410F26	4666F30	4752F32	4312F12	4613F21	4717F24	5071
24	90.8	4422F26	4679F31	4766F32	4325F12	4628F22	4732F25	5071
20	90.2	4445F26	4703F31	4791F33	4349F13	4655F22	4761F26	5071
10	88.6	4500F27	4764F32	4854F34	4413F15	4727F24	4835F27	5071
0	87.0	4555F28	4810^33	4867^34	4477F16	4797F26	4867D30	5071
-10	85.4	4617F30	4824^33	4881^34	4547F18	4823^28	4881D32	5071
-20	83.8	4663^30	4831^33	4890^34	4618F20	4831D31	4890D34	5071

High QNH **+80** per .10" Engine A/I ON **-800**
Low QNH **-160** per .10" Wing A/I ON **-800**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
44	91.5	3990F20-20-31	4219F25-25-34	4280^26-26-35	4330^27-27-36
42	91.7	4052F21-21-32	4287F26-26-35	4365^27-27-37	4416^28-28-37
40	91.8	4116F22-22-33	4354F26-26-36	4436F28-28-38	4499^29-29-39
38	91.9	4176F23-23-34	4417F27-27-37	4499F29-29-39	4580^30-30-40
36	92.1	4236F24-24-35	4480F28-28-38	4564F30-30-40	4650F31-31-41
34	92.0	4291F24-24-35	4539F29-29-39	4623F30-30-40	4710F32-32-42
32	91.9	4340F25-25-36	4591F29-29-40	4677F31-31-41	4764F32-32-42
30	91.7	4383F25-25-37	4636F30-30-41	4722F32-32-42	4810F33-33-43
28	91.4	4398F26-26-37	4652F30-30-41	4738F32-32-42	4826F33-33-43
26	91.1	4410F26-26-37	4666F30-30-41	4752F32-32-42	4841F33-33-44
24	90.8	4422F26-26-37	4679F31-31-41	4766F32-32-42	4855F34-34-44
20	90.2	4445F26-26-38	4703F31-31-42	4791F33-33-43	4881F34-34-44
10	88.6	4500F27-27-39	4764F32-32-42	4854F34-34-44	4916^35-35-45
0	87.0	4555F28-28-39	4810^33-33-43	4867^34-34-44	4924^35-35-45
-10	85.4	4617F30-30-40	4824^33-33-43	4881^34-34-44	4940^35-35-45
-20	83.8	4663^30-30-41	4831^33-33-43	4890^34-34-44	4949^35-35-45

High QNH **+80** per .10" Engine A/I ON **-800**
Low QNH **-160** per .10" Wing A/I ON **-800**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 2467 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.50
Rwy Rev. Program Rules FAA **17 May 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
44	3990F20	4170^24	4224^25
42	4052F21	4256^25	4310^26
40	4116F22	4338^26	4393^27
38	4176F23	4417F27	4475^28
36	4236F24	4480F28	4556^29
34	4291F24	4539F29	4623F30
32	4340F25	4591F29	4677F31
30	4383F25	4636F30	4722F32
28	4398F26	4652F30	4738F32
26	4410F26	4666F30	4752F32
24	4422F26	4679F31	4766F32
20	4445F26	4703F31	4791F33
10	4500F27	4749^32	4812^33
0	4555F28	4746^32	4809^33

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1230**
Wing A/I ON **-1230**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3979F20	4207F24	4269^26
4041F21	4275F25	4354^27
4104F22	4343F26	4424F28
4165F23	4405F27	4487F29
4225F23	4469F28	4552F29
4278F24	4526F29	4610F30
4325F25	4575F29	4660F31
4372F25	4624F30	4711F31
4385F25	4639F30	4725F32
4399F26	4654F30	4740F32
4411F26	4667F31	4754F32
4434F26	4692F31	4779F32
4447F27	4683^31	4738^32
4515F28	4774^33	4830^34

High QNH **+70** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-250**
Wing A/I ON **-250**

DRY

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
44	3909F 8	4169^17	4224D21
42	3968F 8	4250F18	4310^21
40	4026F 9	4313F18	4393^22
38	4082F 9	4373F19	4472F22
36	4138F10	4432F19	4531F22
34	4191F10	4487F20	4587F23
32	4240F11	4537F20	4639F23
30	4281F11	4580F21	4684F24
28	4298F11	4598F21	4702F24
26	4312F12	4613F21	4717F24
24	4325F12	4628F22	4732F25
20	4349F13	4655F22	4761F26
10	4413F15	4727F24	4810^27
0	4477F16	4746^26	4809D30

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1000**
Wing A/I ON **-1000**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3901F 8	4177F17	4269^20
3959F 8	4240F18	4337F21
4018F 9	4303F18	4401F21
4074F 9	4363F19	4462F22
4130F10	4423F19	4521F22
4181F10	4476F20	4576F23
4227F11	4523F20	4625F23
4273F11	4571F21	4674F24
4288F11	4587F21	4691F24
4303F12	4604F21	4707F24
4317F12	4619F22	4723F25
4341F13	4646F22	4752F25
4359F15	4673F24	4738^28
4437F16	4755F26	4830D29

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-60**
Wing A/I ON **-60**

WET

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3175F92	4173F99	4330D 1
26	3213F93	4200F99	4330D 2
24	3249F93	4229F99	4356^ 2
22	3287F93	4255F 0	4361^ 3
20	3323F93	4284F 0	4365^ 3
18	3361F94	4301F 0	4369^ 3
16	3394F94	4314^ 0	4373^ 4
14	3431F94	4317^ 1	4377^ 4
12	3469F94	4321^ 1	4380^ 5
10	3505F94	4322^ 2	4379^ 5
0	3688F96	4330^ 4	4380^ 7
-10	3711F98	4337^ 6	4388^10
-20	3925F99	4337^ 8	4390^12
-30	4111F 1	4334^11	4384D15

High QNH **+60** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-620**
Wing A/I ON **-620**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
3290F96	3602F 5	3748F 7
3300F96	3617F 5	3767F 7
3311F96	3633F 5	3787F 7
3322F97	3649F 5	3805F 8
3332F97	3668F 6	3826F 8
3344F97	3684F 6	3849F 8
3357F98	3702F 6	3871F 8
3367F98	3718F 6	3892F 9
3377F98	3734F 7	3915F 9
3388F99	3754F 7	3939F 9
3444F 0	3855F 8	4030F11
3506F 2	3972F10	4132F12
3572F 3	4061F11	4243F14
3650F 5	4174F13	4305F14

High QNH **+100** per .10"
Low QNH **-120** per .10"

Engine A/I ON **-360**
Wing A/I ON **-360**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 2467 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.50
Rwy Rev. Program Rules FAA **17 May 17**

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COLIMA -CLQ 25 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.8 COL	***3467'**	****RT COL**	**3467'**	**STD**

*USE ONLY IF COL DME OTS; **IF COL VOR OTS LT H230

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
44	87.9	4018F21	4259F25	4344F27	3938F 6	4213F15	4311F18	4505
42	88.2	4081F22	4324F26	4410F28	3997F 6	4275F16	4373F19	4600
40	88.5	4143F23	4389F27	4476F29	4055F 7	4336F16	4436F19	4694
38	88.5	4204F23	4452F28	4538F29	4112F 7	4396F17	4496F20	4784
36	88.4	4250F24	4499F29	4588F30	4157F 8	4443F17	4544F20	4861
34	88.4	4283F24	4533F29	4623F31	4188F 8	4476F18	4576F21	4930
32	88.4	4305F25	4557F29	4647F31	4210F 8	4500F18	4600F21	4940
30	88.3	4315F25	4569F30	4659F31	4221F 9	4513F18	4614F21	4941
28	88.0	4326F25	4581F30	4672F31	4233F 9	4526F19	4628F22	4943
26	87.7	4338F25	4594F30	4685F32	4245F 9	4540F19	4643F22	4944
24	87.4	4349F26	4606F30	4698F32	4257F10	4554F19	4657F23	4946
20	86.8	4371F26	4632F31	4725F32	4282F10	4580F20	4686F23	4949
10	85.3	4428F27	4696F32	4792F33	4343F12	4651F22	4761F25	4952
0	83.8	4483F28	4760F33	4856F34	4406F14	4723F24	4835F27	4947
-10	82.3	4545F29	4829F34	4914^35	4475F16	4801F26	4912^29	4953
-20	80.7	4605F30	4869^35	4908^35	4543F18	4867^28	4908D31	4951

High QNH **+20** per .10" — Engine A/I ON **-480**
Low QNH **-150** per .10" — Wing A/I ON **-480**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
44	91.5	4106F22	4351F27	4435F29	3996F 7	4282F17	4383F20	4505
42	91.7	4171F23	4419F28	4505F29	4056F 7	4345F17	4447F20	4601
40	91.8	4236F24	4485F29	4575F30	4116F 8	4408F18	4512F21	4696
38	91.9	4297F25	4550F30	4640F31	4173F 8	4468F18	4573F21	4785
36	92.1	4359F26	4614F30	4705F32	4230F 9	4528F19	4632F22	4876
34	92.0	4415F27	4673F31	4764F33	4284F 9	4582F19	4689F22	4965
32	91.9	4464F27	4725F32	4817F33	4334F 9	4634F19	4742F23	5055
30	91.7	4508F28	4771F32	4864F34	4377F10	4679F20	4787F23	5071
28	91.4	4523F28	4787F33	4880F34	4394F10	4697F20	4805F23	5071
26	91.1	4536F28	4801F33	4895F34	4409F10	4713F20	4822F24	5071
24	90.8	4549F28	4815F33	4910F35	4420F11	4729F21	4838F24	5071
20	90.2	4573F29	4842F33	4935F35	4447F11	4758F22	4868F25	5071
10	88.6	4633F30	4907F35	5006F36	4512F13	4833F23	4946F27	5071
0	87.0	4691F31	4973F36	5071A37	4578F15	4907F25	5023F29	5071
-10	85.4	4756F32	5047F37	5071A37	4649F17	4988F27	5071A31	5071
-20	83.8	4819F33	5045^37	5071A37	4722F19	5042^30	5071A33	5071

High QNH **+80** per .10" — Engine A/I ON **-520**
Low QNH **-160** per .10" — Wing A/I ON **-520**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	+0	+10H	+20H
44	91.5	4106F22-22-33	4351F27-27-36	4435F29-29-38	4499^30-30-39
42	91.7	4171F23-23-34	4419F28-28-37	4505F29-29-39	4592F31-31-40
40	91.8	4236F24-24-35	4485F29-29-38	4575F30-30-40	4663F32-32-41
38	91.9	4297F25-25-36	4550F30-30-39	4640F31-31-41	4730F33-33-42
36	92.1	4359F26-26-36	4614F30-30-40	4705F32-32-42	4797F34-34-43
34	92.0	4415F27-27-37	4673F31-31-41	4764F33-33-42	4859F34-34-44
32	91.9	4464F27-27-38	4725F32-32-42	4817F33-33-43	4912F35-35-45
30	91.7	4508F28-28-39	4771F32-32-43	4864F34-34-44	4959F36-36-45
28	91.4	4523F28-28-39	4787F33-33-43	4880F34-34-44	4974F36-36-45
26	91.1	4536F28-28-39	4801F33-33-43	4895F34-34-44	4990F36-36-46
24	90.8	4549F28-28-39	4815F33-33-43	4910F35-35-45	5005F36-36-46
20	90.2	4573F29-29-40	4842F33-33-44	4935F35-35-45	5034F37-37-46
10	88.6	4633F30-30-41	4907F35-35-44	5006F36-36-46	5071A37-37-47
0	87.0	4691F31-31-41	4973F36-36-45	5071A37-37-47	5071A37-37-47
-10	85.4	4756F32-32-42	5047F37-37-47	5071A37-37-47	5071A37-37-47
-20	83.8	4819F33-33-43	5045^37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+80** per .10" — Engine A/I ON **-520**
Low QNH **-160** per .10" — Wing A/I ON **-520**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 2467 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope -0.50
Rwy Rev. Program Rules FAA **17 May 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
44	4106F22	4351F27	4435F29
42	4171F23	4419F28	4505F29
40	4236F24	4485F29	4575F30
38	4297F25	4550F30	4640F31
36	4359F26	4614F30	4705F32
34	4415F27	4673F31	4764F33
32	4464F27	4725F32	4817F33
30	4508F28	4771F32	4864F34
28	4523F28	4787F33	4880F34
26	4536F28	4801F33	4895F34
24	4549F28	4815F33	4910F35
20	4573F29	4842F33	4935F35
10	4633F30	4907F35	5006F36
0	4691F31	4973F36	5071A37

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-520**
Wing A/I ON **-520**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
44	4094F22	4339F27	4423F28
42	4159F23	4407F28	4492F29
40	4224F24	4475F29	4562F30
38	4286F25	4537F29	4627F31
36	4347F26	4602F30	4692F32
34	4402F26	4659F31	4750F33
32	4448F27	4709F32	4801F33
30	4496F28	4759F32	4851F34
28	4511F28	4774F32	4867F34
26	4525F28	4789F33	4883F34
24	4538F28	4803F33	4897F34
20	4562F29	4830F33	4925F35
10	4577F29	4854F34	4950F36
0	4647F30	4930F35	5026F37

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps

OAT °C	-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
44	3996F 7	4282F17	4383F20
42	4056F 7	4345F17	4447F20
40	4116F 8	4408F18	4512F21
38	4173F 8	4468F18	4573F21
36	4230F 9	4528F19	4632F22
34	4284F 9	4582F19	4689F22
32	4334F 9	4634F19	4742F23
30	4377F10	4679F20	4787F23
28	4394F10	4697F20	4805F23
26	4409F10	4713F20	4822F24
24	4420F11	4729F21	4838F24
20	4447F11	4758F22	4868F25
10	4512F13	4833F23	4946F27
0	4578F15	4907F25	5023F29

High QNH **+100** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-530**
Wing A/I ON **-530**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
44	3988F 7	4273F16	4373F19
42	4048F 7	4336F17	4438F20
40	4108F 8	4399F17	4502F21
38	4165F 8	4459F18	4563F21
36	4222F 9	4519F18	4622F22
34	4274F 9	4573F19	4678F22
32	4322F 9	4621F19	4727F22
30	4369F10	4670F20	4777F23
28	4385F10	4687F20	4795F23
26	4400F10	4704F20	4812F24
24	4413F11	4720F21	4829F24
20	4439F11	4749F21	4859F25
10	4457F13	4779F23	4893F27
0	4537F15	4866F25	4979F28

High QNH **+100** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps

OAT °C	-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28		3950F97	4252F 0
26		3977F98	4281F 0
24		4009F98	4309F 0
22		4042F98	4339F 0
20		4070F98	4365F 1
18		4104F99	4387^ 1
16		4137F99	4389^ 1
14		4166F99	4390^ 2
12	2827F93	4199F99	4391^ 2
10	3048F93	4232F 0	4390^ 3
0	3390F94	4341^ 1	4388^ 5
-10	3424F96	4345^ 4	4394^ 7
-20	3674F98	4343^ 6	4394^10
-30	3861F99	4338^ 8	4390^12

High QNH **+60** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-630**
Wing A/I ON **-630**

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28	3357F93	3693F 2	3861F 4
26	3369F93	3710F 2	3882F 5
24	3380F94	3729F 3	3906F 5
22	3391F94	3747F 3	3929F 5
20	3403F94	3766F 3	3954F 5
18	3415F95	3785F 3	3971F 6
16	3425F95	3805F 4	3988F 6
14	3437F95	3827F 4	4004F 6
12	3449F96	3846F 4	4019F 7
10	3459F96	3867F 4	4036F 7
0	3522F98	3977F 6	4122F 9
-10	3592F99	4065F 7	4208F10
-20	3665F 1	4151F 9	4289F12
-30	3755F 2	4235F11	4350^14

High QNH **+110** per .10"
Low QNH **-130** per .10"

Engine A/I ON **-580**
Wing A/I ON **-580**

LEVEL 3 CONTAM

Flaps

OAT °C	-10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 2467 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope -0.50
Rwy Rev. Program Rules FAA **17 May 17**

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Engine Failure Procedure

CLIMB AT	*VIA*	*REACHING*	*OR*	*TURN*	*FLAP RETRACT*	*HOLD*
		1015'		**DT H057**	**1015'**	
MILITARY USE ONLY						

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4399^27	4551^30	4604^31	4399D27	4551D31	4604D32	4725
46	87.7	4489^28	4648^31	4701^32	4489D28	4648D32	4701D33	4845
44	87.6	4540^29	4700^32	4756^33	4540D28	4700D33	4756D34	4901
42	87.4	4556^29	4717^32	4773^33	4556D28	4717D33	4773D34	4947
40	87.1	4571^29	4732^32	4788^33	4571D29	4732D33	4788D34	4959
38	86.8	4578^30	4739^32	4795^33	4578D29	4739D33	4795D34	4961
36	86.6	4585^30	4747^33	4802^33	4585D29	4747D34	4802D34	4962
34	86.3	4592^30	4754^33	4810^34	4592D30	4754D34	4810D35	4964
32	86.0	4601^30	4762^33	4818^34	4601D30	4762D34	4818D35	4966
30	85.7	4609^30	4770^33	4826^34	4609D31	4770D34	4826D35	4968
20	84.3	4648^31	4809^34	4865^35	4648D32	4809D35	4865D35	4976
10	82.8	4681^31	4842^34	4898^35	4681D32	4842D35	4898D36	4973
0	81.3	4720^32	4883^35	4938^36	4720D33	4883D35	4938D36	4984
-10	79.8	4756^33	4895^35	4936^36	4756D33	4895D35	4936D36	4988
-20	78.3	4763^33	4888^35	4930^36	4763D33	4888D35	4930D36	4985
-30	76.7	4748^33	4878^35	4922^35	4748D33	4878D35	4922D36	4983

High QNH **+10** per .10" Engine A/I ON **-850**
Low QNH **-170** per .10" Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4450^28	4599^31	4650^32	4450D29	4599D32	4650D32	4726
46	90.9	4545^29	4698^32	4751^33	4545D29	4698D33	4751D34	4846
44	90.8	4632^31	4789^33	4843^34	4632D30	4789D34	4843D35	4951
42	90.5	4712^32	4873^34	4928^35	4712D30	4873D35	4928D36	5055
40	90.2	4775^32	4941^35	4998^36	4775D30	4941D36	4998D37	5071
38	89.9	4832^33	5003^36	5061^37	4832D31	5003D37	5061D37	5071
36	89.7	4888^34	5064^37	5071A37	4888D31	5064D37	5071A37	5071
34	89.4	4920^34	5071A37	5071A37	4920D31	5071A37	5071A37	5071
32	89.1	4930^34	5071A37	5071A37	4930D31	5071A37	5071A37	5071
30	88.8	4939^34	5071A36	5071A36	4939D32	5071A36	5071A36	5071
20	87.3	4984^35	5071A36	5071A36	4984D34	5071A36	5071A36	5071
10	85.8	5021^36	5071A36	5071A36	5021D36	5071A36	5071A36	5071
0	84.2	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4450^28-28-38	4599^31-31-40	4650^32-32-41	4702^32-32-41
46	90.9	4545^29-29-39	4698^32-32-41	4751^33-33-42	4804^34-34-43
44	90.8	4632^31-31-40	4789^33-33-43	4843^34-34-43	4898^35-35-44
42	90.5	4712^32-32-42	4873^34-34-44	4928^35-35-45	4985^36-36-46
40	90.2	4775^32-32-43	4941^35-35-45	4998^36-36-46	5056^37-37-47
38	89.9	4832^33-33-43	5003^36-36-46	5061^37-37-47	5071A37-37-47
36	89.7	4888^34-34-44	5064^37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	4920^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	4930^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	4939^34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	4984^35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5021^36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	15	Length	9885	Shift	**0**	Clearway	0	Stopway	492	Slope	+0.04
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4450^28	4599^31	4650^32
46	4545^29	4698^32	4751^33
44	4632^31	4789^33	4843^34
42	4712^32	4873^34	4928^35
40	4775^32	4941^35	4998^36
38	4832^33	5003^36	5061^37
36	4888^34	5064^37	5071A37
34	4920^34	5071A37	5071A37
32	4930^34	5071A37	5071A37
30	4939^34	5071A36	5071A36
20	4984^35	5071A36	5071A36
10	5021^36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4442^28	4590^31	4642^31
4536^29	4689^32	4742^33
4619^30	4776^33	4831^34
4692^31	4854^34	4910^35
4765^32	4931^35	4988^36
4822^33	4993^36	5051^37
4879^33	5053^36	5071A37
4910^34	5071A37	5071A37
4920^34	5071A37	5071A37
4930^34	5071A37	5071A37
4974^35	5071A36	5071A36
4976^35	5071A37	5071A37
5007^36	5071A37	5071A37
5043^36	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-190** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4450D29	4599D32	4650D32
46	4545D29	4698D33	4751D34
44	4632D30	4789D34	4843D35
42	4712D30	4873D35	4928D36
40	4775D30	4941D36	4998D37
38	4832D31	5003D37	5061D37
36	4888D31	5064D37	5071A37
34	4920D31	5071A37	5071A37
32	4930D31	5071A37	5071A37
30	4939D32	5071A36	5071A36
20	4984D34	5071A36	5071A36
10	5021D36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4442D29	4590D32	4642D32
4536D29	4689D33	4742D34
4619D30	4776D34	4831D35
4692D30	4854D35	4910D36
4765D30	4931D36	4988D37
4822D30	4993D37	5051D37
4879D31	5053D37	5071A37
4910D31	5071A37	5071A37
4920D31	5071A37	5071A37
4930D32	5071A37	5071A37
4974D33	5071A36	5071A36
4976D36	5071A37	5071A37
5007D37	5071A37	5071A37
5043D37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-190** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4562^ 9	4779^19	4850^22
26	4573^ 9	4790^19	4862^22
24	4584^ 9	4800^20	4874^23
22	4595^10	4812^20	4887^23
20	4606^10	4823^20	4900^24
18	4615^11	4834^21	4913^24
16	4625^11	4845^21	4926^24
14	4635^11	4855^22	4939^25
12	4645^12	4866^22	4950^25
10	4654^12	4877^23	4962^26
0	4713^14	4945^25	5033^28
-10	4768^16	5011^27	5071A30
-20	4823^19	5071A29	5071A33
-30	4878^21	5071A32	5071A36

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-540**
Wing A/I ON **-540**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
4317^13	4539^22	4617^25
4329^13	4549^22	4630^25
4339^13	4561^22	4642^25
4350^14	4573^23	4654^26
4360^14	4584^23	4667^26
4371^14	4596^24	4680^26
4381^15	4607^24	4692^27
4392^15	4618^24	4704^27
4403^15	4630^25	4716^28
4411^16	4642^25	4729^28
4467^18	4708^27	4799^30
4519^20	4773^29	4871^32
4574^22	4841^31	4947^34
4628^24	4914^33	5031^35

High QNH **+90** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-490**
Wing A/I ON **-490**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	15	Length	9885	Shift	**0**	Clearway	0	Stopway	492	Slope	+0.04
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1015'		**DT H117**	**1015'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4507^29	4637^31	4670^32	4439F18	4637D27	4670D31	4725
46	87.7	4594F30	4750^33	4784^33	4515F18	4750^28	4784D31	4845
44	87.6	4643F31	4813^34	4867^35	4561F19	4807^28	4867D31	4901
42	87.4	4660F31	4830^34	4886^35	4578F19	4824^28	4886D32	4947
40	87.1	4676F31	4845^34	4901^35	4595F19	4841^29	4901D32	4959
38	86.8	4686F32	4853^34	4909^35	4608F20	4851^29	4909D32	4961
36	86.6	4697F32	4861^34	4917^35	4618F20	4860^30	4917D33	4962
34	86.3	4709F32	4869^35	4925^36	4631F20	4869D30	4925D33	4964
32	86.0	4714^32	4878^35	4931^36	4645F21	4878D30	4931D34	4966
30	85.7	4723^32	4885^35	4933^36	4658F21	4885D31	4933D34	4968
20	84.3	4764^33	4901^35	4938^36	4725F23	4901D33	4938D36	4976
10	82.8	4779^33	4893^35	4932^36	4771^25	4893D35	4932D36	4973
0	81.3	4780^33	4898^35	4938^36	4779^27	4898D35	4938D36	4984
-10	79.8	4774^33	4895^35	4936^36	4774D29	4895D35	4936D36	4988
-20	78.3	4762^33	4887^35	4930^36	4762D32	4887D35	4930D36	4985
-30	76.7	4747^32	4877^35	4921^35	4747D33	4877D35	4921D36	4983

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-170** per .10" — Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4551^30	4649^32	4682^32	4506^19	4649D29	4682D32	4726
46	90.9	4659^31	4764^33	4797^34	4592F20	4764D30	4797D33	4846
44	90.8	4748^33	4871^35	4904^35	4666F20	4870^30	4904D34	4951
42	90.5	4830^34	4976^36	5010^37	4733F21	4973^31	5010D34	5055
40	90.2	4893^34	5061^37	5071A37	4779F21	5040^31	5071A34	5071
38	89.9	4940F35	5071A37	5071A37	4823F21	5071A31	5071A34	5071
36	89.7	4979F35	5071A37	5071A37	4866F21	5071A31	5071A35	5071
34	89.4	5003F35	5071A37	5071A37	4894F21	5071A32	5071A35	5071
32	89.1	5016F36	5071A37	5071A37	4909F22	5071A32	5071A36	5071
30	88.8	5029F36	5071A36	5071A36	4923F22	5071A33	5071A36	5071
20	87.3	5071A36	5071A36	5071A36	4993F24	5071A35	5071A36	5071
10	85.8	5071A36	5071A36	5071A36	5066F26	5071A36	5071A36	5071
0	84.2	5071A36	5071A36	5071A36	5071A28	5071A36	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5071A31	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A33	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-180** per .10" — Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4551^30-30-39	4649^32-32-41	4682^32-32-41	4714^33-33-42
46	90.9	4659^31-31-41	4764^33-33-42	4797^34-34-43	4831^34-34-43
44	90.8	4748^33-33-42	4871^35-35-44	4904^35-35-44	4938^36-36-45
42	90.5	4830^34-34-43	4976^36-36-45	5010^37-37-46	5043^37-37-46
40	90.2	4893^34-34-44	5061^37-37-47	5071A37-37-47	5071A37-37-47
38	89.9	4940F35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	4979F35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	5003F35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	5016F36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	5029F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-180** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	15	Length	8858	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.06
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4551^30	4649^32	4682^32
46	4659^31	4764^33	4797^34
44	4748^33	4871^35	4904^35
42	4830^34	4976^36	5010^37
40	4893^34	5061^37	5071A37
38	4940F35	5071A37	5071A37
36	4979F35	5071A37	5071A37
34	5003F35	5071A37	5071A37
32	5016F36	5071A37	5071A37
30	5029F36	5071A36	5071A36
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4544^30	4642^31	4675^32
46	4650^31	4757^33	4789^34
44	4734^32	4862^34	4896^35
42	4809^33	4966^36	5000^36
40	4885F34	5050^37	5071A37
38	4926F35	5071A37	5071A37
36	4965F35	5071A37	5071A37
34	4989F35	5071A37	5071A37
32	5002F35	5071A37	5071A37
30	5016F36	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4506^19	4649D29	4682D32
46	4592F20	4764D30	4797D33
44	4666F20	4870^30	4904D34
42	4733F21	4973^31	5010D34
40	4779F21	5040^31	5071A34
38	4823F21	5071A31	5071A34
36	4866F21	5071A31	5071A35
34	4894F21	5071A32	5071A35
32	4909F22	5071A32	5071A36
30	4923F22	5071A33	5071A36
20	4993F24	5071A35	5071A36
10	5066F26	5071A36	5071A36
0	5071A28	5071A36	5071A36
-10	5071A31	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4499^19	4642D29	4675D32
46	4582F19	4757D30	4789D33
44	4651F20	4861^30	4896D33
42	4710F20	4959^30	5000D33
40	4769F21	5031^30	5071A34
38	4812F21	5071A31	5071A34
36	4856F21	5071A31	5071A35
34	4884F21	5071A32	5071A35
32	4898F22	5071A32	5071A36
30	4913F22	5071A32	5071A36
20	4983F24	5071A35	5071A36
10	5031F26	5071A37	5071A37
0	5071A28	5071A37	5071A37
-10	5071A30	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4057F 1	4620F10	4711F13
26	4170F 1	4632F10	4725F14
24	4278F 1	4645F11	4738F14
22	4380F 1	4657F11	4751F14
20	4406F 2	4670F12	4765F15
18	4417F 2	4681F12	4778F15
16	4427F 2	4693F12	4791F16
14	4439F 3	4706F13	4804F16
12	4449F 3	4719F13	4816F16
10	4460F 3	4731F14	4829F17
0	4522F 5	4803F16	4905F19
-10	4582F 7	4874F18	4978F21
-20	4644F 9	4945F20	5055F23
-30	4707F12	5021F22	5071A26

High QNH **+100** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-480**
Wing A/I ON **-480**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3975F 4	4327F12	4448F15
26	3989F 4	4343F13	4463F15
24	4003F 4	4355F13	4479F16
22	4017F 5	4370F13	4494F16
20	4032F 5	4386F14	4512F16
18	4045F 5	4398F14	4524F17
16	4060F 6	4411F14	4539F17
14	4076F 6	4427F15	4553F17
12	4094F 6	4442F15	4574F18
10	4115F 6	4458F15	4594F18
0	4193F 8	4533^17	4621^18
-10	4256F10	4568^17	4618^18
-20	4323F11	4558^17	4609^18
-30	4355^13	4547^17	4599^18

High QNH **+80** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-660**
Wing A/I ON **-660**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	15	Length	8858	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.06
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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Engine Failure Procedure

CLIMB AT	*VIA*	*REACHING*	*OR*	*TURN*	*FLAP RETRACT*	*HOLD*
		1015'		**DT H237**	**1015'**	
MILITARY USE ONLY						

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4294F25	4546F30	4633F31	4294D25	4546D32	4633D32	4725
46	87.7	4370F26	4627F31	4715F32	4370D25	4627D33	4715D34	4845
44	87.6	4416F27	4676F31	4764F33	4416D26	4676D34	4764D35	4901
42	87.4	4431F27	4692F32	4781F33	4431D26	4692D34	4781D35	4947
40	87.1	4447F27	4709F32	4798F33	4447D26	4709D34	4798D36	4959
38	86.8	4457F27	4720F32	4810F34	4457D27	4720D34	4810D36	4961
36	86.6	4468F28	4732F32	4822F34	4468D27	4732D35	4822D36	4962
34	86.3	4479F28	4743F32	4834F34	4479D27	4743D35	4834D36	4964
32	86.0	4488F28	4755F33	4847F34	4488D28	4755D35	4847D36	4966
30	85.7	4500F28	4768F33	4859F34	4500D28	4768D35	4859D36	4968
20	84.3	4559F29	4830F34	4923F35	4559D30	4830D35	4923D36	4976
10	82.8	4618F30	4892F35	4933^36	4618D32	4892D35	4933D36	4973
0	81.3	4683F31	4899^35	4939^36	4683D33	4899D35	4939D36	4984
-10	79.8	4741F32	4897^35	4937^36	4741D33	4897D35	4937D36	4988
-20	78.3	4764^33	4889^35	4931^36	4764D33	4889D35	4931D36	4985
-30	76.7	4749^33	4879^35	4923^35	4749D33	4879D35	4923D36	4983

High QNH **+10** per .10" — Engine A/I ON **-850**
Low QNH **-160** per .10" — Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4393F27	4645F32	4683^32	4393D26	4645D32	4683D32	4726
46	90.9	4472F28	4729F33	4799^34	4472D27	4729D33	4799D34	4846
44	90.8	4545F29	4809F34	4898F35	4545D27	4809D35	4898D35	4951
42	90.5	4615F30	4880F34	4973F36	4615D28	4880D36	4973D37	5055
40	90.2	4656F30	4927F35	5018F36	4656D28	4927D37	5018D37	5071
38	89.9	4694F31	4968F35	5060F37	4694D28	4968D37	5060D37	5071
36	89.7	4732F31	5007F36	5071A37	4732D28	5007D37	5071A37	5071
34	89.4	4757F31	5034F36	5071A37	4757D29	5034D37	5071A37	5071
32	89.1	4769F31	5047F36	5071A37	4769D29	5047D37	5071A37	5071
30	88.8	4781F32	5061F36	5071A36	4781D29	5061D36	5071A36	5071
20	87.3	4842F33	5071A36	5071A36	4842D31	5071A36	5071A36	5071
10	85.8	4902F34	5071A36	5071A36	4902D33	5071A36	5071A36	5071
0	84.2	4971F35	5071A36	5071A36	4971D35	5071A36	5071A36	5071
-10	82.7	5037F36	5071A36	5071A36	5037D36	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4393F27-27-37	4645F32-32-41	4683^32-32-41	4715^33-33-42
46	90.9	4472F28-28-38	4729F33-33-42	4799^34-34-43	4832^34-34-43
44	90.8	4545F29-29-39	4809F34-34-43	4898F35-35-44	4939^36-36-45
42	90.5	4615F30-30-40	4880F34-34-44	4973F36-36-45	5045^37-37-46
40	90.2	4656F30-30-41	4927F35-35-45	5018F36-36-46	5071A37-37-47
38	89.9	4694F31-31-41	4968F35-35-45	5060F37-37-47	5071A37-37-47
36	89.7	4732F31-31-42	5007F36-36-46	5071A37-37-47	5071A37-37-47
34	89.4	4757F31-31-42	5034F36-36-46	5071A37-37-47	5071A37-37-47
32	89.1	4769F31-31-42	5047F36-36-46	5071A37-37-47	5071A37-37-47
30	88.8	4781F32-32-43	5061F36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	4842F33-33-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	4902F34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	4971F35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5037F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	15	Length	7917	Shift	**0**	Clearway	0	Stopway	1968	Slope	-0.04
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4393F27	4645F32	4683^32
46	4472F28	4729F33	4799^34
44	4545F29	4809F34	4898F35
42	4615F30	4880F34	4973F36
40	4656F30	4927F35	5018F36
38	4694F31	4968F35	5060F37
36	4732F31	5007F36	5071A37
34	4757F31	5034F36	5071A37
32	4769F31	5047F36	5071A37
30	4781F32	5061F36	5071A36
20	4842F33	5071A36	5071A36
10	4902F34	5071A36	5071A36
0	4971F35	5071A36	5071A36
-10	5037F36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4381F27	4633F31	4675^32
46	4460F28	4717F32	4790^34
44	4527F29	4790F33	4878F35
42	4585F29	4852F34	4941F35
40	4643F30	4914F35	5005F36
38	4681F30	4955F35	5047F37
36	4719F31	4993F35	5071A37
34	4744F31	5020F36	5071A37
32	4757F31	5034F36	5071A37
30	4769F31	5047F36	5071A37
20	4830F32	5071A36	5071A36
10	4867F33	5071A37	5071A37
0	4928F34	5071A37	5071A37
-10	4989F35	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4393D26	4645D32	4683D32
46	4472D27	4729D33	4799D34
44	4545D27	4809D35	4898D35
42	4615D28	4880D36	4973D37
40	4656D28	4927D37	5018D37
38	4694D28	4968D37	5060D37
36	4732D28	5007D37	5071A37
34	4757D29	5034D37	5071A37
32	4769D29	5047D37	5071A37
30	4781D29	5061D36	5071A36
20	4842D31	5071A36	5071A36
10	4902D33	5071A36	5071A36
0	4971D35	5071A36	5071A36
-10	5037D36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4381D26	4633D32	4675D32
46	4460D26	4717D33	4790D34
44	4527D27	4790D35	4878D35
42	4585D27	4852D36	4941D37
40	4643D28	4914D37	5005D37
38	4681D28	4955D37	5047D37
36	4719D28	4993D37	5071A37
34	4744D28	5020D37	5071A37
32	4757D29	5034D37	5071A37
30	4769D29	5047D37	5071A37
20	4830D31	5071A36	5071A36
10	4867D33	5071A37	5071A37
0	4928D35	5071A37	5071A37
-10	4989D37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4299F 7	4585F17	4685F20
26	4312F 7	4598F17	4699F20
24	4324F 7	4611F17	4713F21
22	4335F 8	4625F18	4726F21
20	4349F 8	4639F18	4741F21
18	4361F 9	4652F19	4755F22
16	4373F 9	4666F19	4769F22
14	4386F 9	4679F19	4784F23
12	4399F10	4692F20	4797F23
10	4411F10	4706F20	4811F23
0	4478F12	4781F22	4891F26
-10	4542F14	4858F25	4970F28
-20	4607F17	4934F27	5054F30
-30	4675F19	5017F29	5071A33

High QNH **+100** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-450**
Wing A/I ON **-450**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	4206F 9	4553^17	4627^18
26	4220F 9	4563^17	4624^18
24	4234F 9	4574^17	4608F18
22	4246F 9	4583^18	4609F18
20	4261F10	4583^18	4615F18
18	4274F10	4584^18	4624F18
16	4288F10	4581^18	4624F18
14	4302F11	4577^18	4624F18
12	4317F11	4572^18	4619^18
10	4333F11	4572^18	4618^18
0	4404^13	4575^18	4623^18
-10	4423^15	4570^17	4619^18
-20	4418^15	4559^17	4611^18
-30	4402^15	4547^17	4600^18

High QNH **+70** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-800**
Wing A/I ON **-800**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	15	Length	7917	Shift	**0**	Clearway	0	Stopway	1968	Slope	-0.04
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1015'		**DT H297**	**1015'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4361^26	4520^29	4578^30	4294F14	4520^24	4578D27	4725
46	87.7	4447F28	4609^30	4668^32	4366F14	4604^24	4668D27	4845
44	87.6	4494F28	4661^31	4721^32	4411F15	4653^25	4721D28	4901
42	87.4	4508F28	4677^31	4737^32	4428F15	4669^25	4737D28	4947
40	87.1	4524F29	4692^32	4752^33	4444F16	4687^25	4752D29	4959
38	86.8	4534F29	4701^32	4762^33	4456F16	4697^26	4762D29	4961
36	86.6	4545F29	4710^32	4770^33	4468F16	4708^26	4770D29	4962
34	86.3	4552^29	4719^32	4780^33	4481F17	4719^26	4780D30	4964
32	86.0	4561^29	4729^32	4790^33	4494F17	4729D27	4790D30	4966
30	85.7	4570^29	4739^32	4800^33	4507F17	4739D27	4800D30	4968
20	84.3	4614^30	4786^33	4845^34	4570^19	4786D29	4845D32	4976
10	82.8	4655^31	4825^34	4885^35	4620^21	4825D31	4885D34	4973
0	81.3	4701^32	4872^35	4932^36	4678^23	4872D33	4932D36	4984
-10	79.8	4741^32	4897^35	4938^36	4730^25	4897D35	4938D36	4988
-20	78.3	4764^33	4889^35	4931^36	4763^27	4889D35	4931D36	4985
-30	76.7	4749^33	4879^35	4923^35	4749D30	4879D35	4923D36	4983

High QNH **+10** per .10" Engine A/I ON **-850**
Low QNH **-160** per .10" Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4422^28	4579^30	4633^31	4357^15	4578^25	4633D29	4726
46	90.9	4511^29	4673^32	4730^33	4440F16	4666^26	4730D29	4846
44	90.8	4594^30	4761^33	4819^34	4510F16	4746^26	4819D30	4951
42	90.5	4671^31	4840^34	4900^35	4575F17	4820^27	4900D30	5055
40	90.2	4729^32	4898^34	4960^35	4619F17	4875^27	4959^30	5071
38	89.9	4778F32	4957^35	5015^36	4662F17	4932^27	5010^30	5071
36	89.7	4815F32	5017^36	5071A37	4706F17	4986^27	5061^31	5071
34	89.4	4840F33	5048^36	5071A37	4734F18	5018^28	5071A31	5071
32	89.1	4853F33	5059^36	5071A37	4748F18	5031^28	5071A31	5071
30	88.8	4865F33	5071A36	5071A36	4762F18	5043^28	5071A32	5071
20	87.3	4927F34	5071A36	5071A36	4831F20	5071A30	5071A34	5071
10	85.8	4978^35	5071A36	5071A36	4899F22	5071A33	5071A36	5071
0	84.2	5031^36	5071A36	5071A36	4975F24	5071A35	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5036^26	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A28	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A31	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4422^28-28-37	4579^30-30-40	4633^31-31-40	4689^32-32-41
46	90.9	4511^29-29-39	4673^32-32-41	4730^33-33-42	4787^34-34-43
44	90.8	4594^30-30-40	4761^33-33-42	4819^34-34-43	4877^35-35-44
42	90.5	4671^31-31-41	4840^34-34-43	4900^35-35-44	4960^36-36-45
40	90.2	4729^32-32-42	4898^34-34-44	4960^35-35-45	5023^36-36-46
38	89.9	4778F32-32-43	4957^35-35-45	5015^36-36-46	5071A37-37-47
36	89.7	4815F32-32-43	5017^36-36-46	5071A37-37-47	5071A37-37-47
34	89.4	4840F33-33-43	5048^36-36-46	5071A37-37-47	5071A37-37-47
32	89.1	4853F33-33-44	5059^36-36-47	5071A37-37-47	5071A37-37-47
30	88.8	4865F33-33-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	4927F34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	4978^35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5031^36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	15	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.06
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4422^28	4579^30	4633^31
46	4511^29	4673^32	4730^33
44	4594^30	4761^33	4819^34
42	4671^31	4840^34	4900^35
40	4729^32	4898^34	4960^35
38	4778F32	4957^35	5015^36
36	4815F32	5017^36	5071A37
34	4840F33	5048^36	5071A37
32	4853F33	5059^36	5071A37
30	4865F33	5071A36	5071A36
20	4927F34	5071A36	5071A36
10	4978^35	5071A36	5071A36
0	5031^36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4412^27	4570^30	4624^31
46	4502^29	4665^31	4720^32
44	4581^30	4746^32	4805^33
42	4650^31	4818^33	4878^34
40	4719^31	4888^34	4949^35
38	4764F32	4948^35	5004^36
36	4802F32	5006^36	5058^36
34	4827F32	5037^36	5071A37
32	4840F33	5049^36	5071A37
30	4852F33	5059^36	5071A37
20	4914F34	5071A36	5071A36
10	4936^34	5071A37	5071A37
0	4975^35	5071A37	5071A37
-10	5018^36	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4357^15	4578^25	4633D29
46	4440F16	4666^26	4730D29
44	4510F16	4746^26	4819D30
42	4575F17	4820^27	4900D30
40	4619F17	4875^27	4959^30
38	4662F17	4932^27	5010^30
36	4706F17	4986^27	5061^31
34	4734F18	5018^28	5071A31
32	4748F18	5031^28	5071A31
30	4762F18	5043^28	5071A32
20	4831F20	5071A30	5071A34
10	4899F22	5071A33	5071A36
0	4975F24	5071A35	5071A36
-10	5036^26	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4350^15	4570^25	4624D28
46	4431F16	4657^26	4720D29
44	4497F16	4733^26	4805D29
42	4554F17	4799^27	4878D30
40	4609F17	4865^27	4949^30
38	4653F17	4923^27	5000^30
36	4696F17	4977^27	5052^30
34	4725F18	5008^27	5071A31
32	4738F18	5021^28	5071A31
30	4752F18	5034^28	5071A32
20	4821F20	5071A30	5071A34
10	4866F22	5071A32	5071A36
0	4925^24	5071A35	5071A37
-10	4981^26	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		4475F 6	4567F 9
26		4487F 6	4580F10
24		4500F 7	4593F10
22	2659F 4	4512F 7	4605F10
20	2808F 3	4524F 7	4618F11
18	2981F 3	4534F 8	4631F11
16	3127F 3	4546F 8	4643F12
14	3268F 3	4559F 9	4656F12
12	3405F 2	4571F 9	4666F12
10	3530F 2	4583F 9	4679F13
0	4209F 2	4653F11	4753F15
-10	4408F 3	4719F14	4826F17
-20	4494F 5	4792F16	4901F19
-30	4555F 7	4865F18	4978F21

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-460**
Wing A/I ON **-460**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3747F 1	4182F 9	4316F12
26	3760F 1	4198F 9	4332F12
24	3773F 1	4213F 9	4347F12
22	3785F 2	4229F10	4362F12
20	3798F 2	4245F10	4378F13
18	3810F 2	4259F10	4393F13
16	3822F 2	4273F11	4408F13
14	3835F 3	4289F11	4423F14
12	3853F 3	4304F11	4440F14
10	3868F 3	4320F12	4456F14
0	3950F 5	4406F13	4541F16
-10	4038F 6	4486F15	4604^18
-20	4152F 8	4540^17	4611^18
-30	4231F 9	4548^17	4600^18

High QNH **+80** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-540**
Wing A/I ON **-540**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	15	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.06
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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CUERNAVACA -CVJ 02 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		RWY END	**D1.5 CVJ**	***RT TEQ**	**5295'**	**STD**

*IF TEQ VOR OTS RT H170

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	88.5	3822^17	3921^19	3960^20	3822D14	3921D21	3960D21	4378
38	88.8	3884^18	3986^20	4023^21	3884D15	3986D21	4023D22	4464
36	89.1	3946^19	4052^21	4087^22	3946D15	4052D22	4087D23	4549
34	89.4	4006^20	4116^22	4147^23	4006D16	4116D23	4147D24	4628
32	89.6	4063^21	4177^23	4207^24	4063D16	4177D24	4207D25	4707
30	89.9	4120^22	4237^24	4268^25	4120D17	4237D25	4268D26	4780
28	89.7	4155^22	4273^24	4303^25	4155D17	4273D25	4303D26	4845
26	89.5	4184^23	4304^25	4336^26	4184D18	4304D26	4336D27	4911
24	89.3	4203^23	4323^25	4355^26	4203D18	4323D26	4355D27	4921
22	89.1	4212^23	4331^25	4362^26	4212D18	4331D26	4362D27	4923
20	88.9	4220^23	4338^25	4369^26	4220D19	4338D26	4369D27	4925
10	87.4	4260^24	4372^26	4414^27	4260D21	4372D27	4414D28	4933
0	85.8	4291^25	4402^27	4452^28	4291D23	4402D28	4452D29	4924
-10	84.2	4328^25	4447^27	4497^28	4328D25	4447D29	4497D29	4931
-20	82.6	4364^26	4488^28	4538^29	4364D27	4488D29	4538D30	4932
-30	80.9	4396^27	4527^29	4577^30	4396D28	4527D30	4577D31	4929

High QNH **+30** per .10" — Engine A/I ON **-1040**
Low QNH **-150** per .10" — Wing A/I ON **-1040**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	93.3	3864^18	3963^20	4006^21	3864D16	3963D21	4006D22	4379
38	93.3	3928^19	4026^21	4070^22	3928D16	4026D22	4070D23	4465
36	93.3	3992^20	4090^22	4134^23	3992D17	4090D23	4134D24	4550
34	93.3	4054^21	4151^23	4196^24	4054D17	4151D24	4196D25	4630
32	93.3	4112^22	4211^24	4256^25	4112D18	4211D25	4256D26	4710
30	93.2	4172^23	4274^25	4317^25	4172D18	4274D26	4317D27	4792
28	93.1	4237^24	4342^26	4382^26	4237D19	4342D27	4382D28	4882
26	93.1	4286^24	4392^26	4431^27	4286D19	4392D27	4431D28	4946
24	92.9	4304^25	4409^27	4452^27	4304D20	4409D28	4452D29	4955
22	92.5	4317^25	4419^27	4465^28	4317D20	4419D28	4465D29	4957
20	92.2	4325^25	4427^27	4475^28	4325D21	4427D28	4475D29	4959
10	90.6	4364^26	4473^28	4521^29	4364D23	4473D29	4521D30	4967
0	89.0	4392^26	4509^28	4558^29	4392D25	4509D30	4558D30	4957
-10	87.4	4429^27	4554^29	4603^30	4429D27	4554D30	4603D31	4963
-20	85.7	4462^27	4594^30	4643^31	4462D29	4594D31	4643D32	4962
-30	84.0	4494^28	4631^31	4681^31	4494D29	4631D31	4681D32	4957

High QNH **+80** per .10" — Engine A/I ON **-1410**
Low QNH **-150** per .10" — Wing A/I ON **-1410**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	93.3	3864^18-18-29	3963^20-20-30	4006^21-21-31	4050^22-22-32
38	93.3	3928^19-19-30	4026^21-21-31	4070^22-22-32	4116^23-23-33
36	93.3	3992^20-20-31	4090^22-22-32	4134^23-23-33	4181^24-24-34
34	93.3	4054^21-21-32	4151^23-23-33	4196^24-24-34	4243^25-25-35
32	93.3	4112^22-22-33	4211^24-24-34	4256^25-25-35	4304^25-25-36
30	93.2	4172^23-23-34	4274^25-25-35	4317^25-25-36	4365^26-26-37
28	93.1	4237^24-24-35	4342^26-26-36	4382^26-26-37	4431^27-27-38
26	93.1	4286^24-24-35	4392^26-26-37	4431^27-27-38	4481^28-28-38
24	92.9	4304^25-25-36	4409^27-27-37	4452^27-27-38	4502^28-28-39
22	92.5	4317^25-25-36	4419^27-27-37	4465^28-28-38	4516^28-28-39
20	92.2	4325^25-25-36	4427^27-27-38	4475^28-28-38	4525^29-29-39
10	90.6	4364^26-26-37	4473^28-28-38	4521^29-29-39	4572^29-29-40
0	89.0	4392^26-26-37	4509^28-28-39	4558^29-29-39	4609^30-30-40
-10	87.4	4429^27-27-38	4554^29-29-39	4603^30-30-40	4653^31-31-41
-20	85.7	4462^27-27-38	4594^30-30-40	4643^31-31-41	4694^32-32-41
-30	84.0	4494^28-28-39	4631^31-31-41	4681^31-31-41	4732^32-32-42

High QNH **+80** per .10" — Engine A/I ON **-1410**
Low QNH **-150** per .10" — Wing A/I ON **-1410**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	4295	Length	9186	Shift	**0**	Clearway	0	Stopway	0	Slope	+1.00
Rwy Rev.		Program						Rules	FAA		**23 Feb 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	3864^18	3963^20	4006^21
38	3928^19	4026^21	4070^22
36	3992^20	4090^22	4134^23
34	4054^21	4151^23	4196^24
32	4112^22	4211^24	4256^25
30	4172^23	4274^25	4317^25
28	4237^24	4342^26	4382^26
26	4286^24	4392^26	4431^27
24	4304^25	4409^27	4452^27
22	4317^25	4419^27	4465^28
20	4325^25	4427^27	4475^28
10	4364^26	4473^28	4521^29
0	4392^26	4509^28	4558^29
-10	4429^27	4554^29	4603^30

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1410**
Wing A/I ON **-1410**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	3856^18	3955^20	3998^21
38	3920^19	4018^21	4061^22
36	3984^20	4081^22	4126^23
34	4045^21	4142^23	4187^24
32	4104^22	4203^24	4248^24
30	4163^23	4266^25	4307^25
28	4214^23	4319^25	4359^26
26	4266^24	4373^26	4410^27
24	4296^24	4402^26	4442^27
22	4306^25	4411^27	4454^27
20	4317^25	4421^27	4467^28
10	4211^24	4329^26	4376^27
0	4332^25	4451^28	4500^29
-10	4411^27	4536^29	4585^30

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-10**
Wing A/I ON **-10**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	3864D16	3963D21	4006D22
38	3928D16	4026D22	4070D23
36	3992D17	4090D23	4134D24
34	4054D17	4151D24	4196D25
32	4112D18	4211D25	4256D26
30	4172D18	4274D26	4317D27
28	4237D19	4342D27	4382D28
26	4286D19	4392D27	4431D28
24	4304D20	4409D28	4452D29
22	4317D20	4419D28	4465D29
20	4325D21	4427D28	4475D29
10	4364D23	4473D29	4521D30
0	4392D25	4509D30	4558D30
-10	4429D27	4554D30	4603D31

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1410**
Wing A/I ON **-1410**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	3856D16	3955D21	3998D22
38	3920D16	4018D22	4061D23
36	3984D17	4081D23	4126D24
34	4045D17	4142D24	4187D25
32	4104D18	4203D25	4248D26
30	4163D18	4266D26	4307D27
28	4214D19	4319D26	4359D27
26	4266D19	4373D27	4410D28
24	4296D20	4402D28	4442D28
22	4306D20	4411D28	4454D29
20	4317D21	4421D28	4467D29
10	4211D23	4329D27	4376D28
0	4332D25	4451D29	4500D30
-10	4411D27	4536D30	4585D31

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-10**
Wing A/I ON **-10**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3832^99	4035^ 8	4105^11
26	3877^99	4082^ 8	4152^11
24	3896^99	4102^ 9	4172^12
22	3909^ 0	4117^ 9	4188^12
20	3920^ 0	4128^10	4199^13
18	3930^ 0	4140^10	4210^13
16	3941^ 1	4151^10	4222^13
14	3951^ 1	4162^11	4233^14
12	3961^ 2	4173^11	4244^14
10	3971^ 2	4184^11	4255^15
0	4017^ 4	4233^14	4305^17
-10	4070^ 6	4291^16	4363^19
-20	4124^ 8	4348^18	4418^21
-30	4175^10	4401^20	4471^24

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1190**
Wing A/I ON **-1190**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3587^ 3	3795^11	3871^14
26	3635^ 3	3845^12	3921^15
24	3654^ 4	3867^12	3944^15
22	3673^ 4	3885^13	3963^15
20	3682^ 4	3897^13	3975^16
18	3692^ 5	3908^13	3988^16
16	3701^ 5	3920^14	4000^17
14	3712^ 5	3931^14	4011^17
12	3721^ 6	3942^14	4024^17
10	3730^ 6	3954^15	4036^18
0	3777^ 8	4008^17	4096^19
-10	3829^10	4071^18	4163^21
-20	3881^11	4136^20	4236^23
-30	3931^13	4204^22	4315F25

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-970**
Wing A/I ON **-970**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	4295	Length	9186	Shift	**0**	Clearway	0	Stopway	0	Slope	+1.00
Rwy Rev.		Program						Rules	FAA		**23 Feb 18**

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CUERNAVACA -CVJ 20 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.3 CVJ	**TEQ R-293**	**LT H140**	**5295'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	88.5	4219^25	4305^27	4334^27	4208F11	4305^21	4334D25	4378
38	88.8	4303^26	4391^28	4420^28	4267F12	4390^22	4420D25	4464
36	89.1	4386^28	4474^29	4504^30	4326F12	4472^22	4504D25	4549
34	89.4	4463^29	4553^30	4583^31	4384F13	4550^23	4583D26	4628
32	89.6	4540^30	4630^31	4661^32	4439F13	4626^23	4660^26	4707
30	89.9	4622^31	4713^33	4744^33	4495F14	4709^23	4742^27	4780
28	89.7	4669F32	4791^34	4822^34	4532F14	4785^24	4819^27	4845
26	89.5	4698F32	4850^35	4881^35	4562F14	4843^24	4877^27	4911
24	89.3	4720F32	4862^35	4893^35	4582F15	4855^24	4890^28	4921
22	89.1	4734F33	4863^35	4895^35	4597F15	4857^25	4892^28	4923
20	88.9	4748F33	4864^35	4896^35	4611F16	4859^25	4894^29	4925
10	87.4	4769^33	4868^35	4901^35	4683F17	4865^27	4901D31	4933
0	85.8	4754^33	4855^35	4890^35	4744^19	4855D30	4890D33	4924
-10	84.2	4748^33	4853^35	4889^35	4742^22	4853D32	4889D35	4931
-20	82.6	4739^33	4846^34	4883^35	4735^24	4846D35	4883D35	4932
-30	80.9	4724^32	4836^34	4874^35	4724D27	4836D34	4874D35	4929

High QNH **+40** per .10" Engine A/I ON **-2230**
Low QNH **-170** per .10" Wing A/I ON **-2230**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	93.3	4230^25	4316^27	4345^27	4221^13	4316D23	4345D26	4379
38	93.3	4314^27	4402^28	4431^29	4305^13	4402^23	4431D27	4465
36	93.3	4397^28	4485^29	4515^30	4386^13	4484^24	4515D27	4550
34	93.3	4476^29	4565^30	4594^31	4450F14	4563^24	4594D28	4630
32	93.3	4554^30	4644^32	4674^32	4506F14	4641^25	4674D28	4710
30	93.2	4638^31	4730^33	4759^33	4560F15	4725^25	4759D28	4792
28	93.1	4726^32	4818^34	4849^35	4621F15	4813^25	4847^29	4882
26	93.1	4788^33	4881^35	4911^35	4672F16	4875^26	4910^29	4946
24	92.9	4799^33	4892^35	4923^36	4696F16	4887^26	4922^30	4955
22	92.5	4801^33	4894^35	4925^36	4717F17	4890^27	4924^30	4957
20	92.2	4801^33	4895^35	4926^36	4732F17	4891^27	4926^31	4959
10	90.6	4802^33	4899^35	4931^36	4790^19	4899^30	4931D33	4967
0	89.0	4787^33	4887^35	4920^35	4779^21	4887D32	4920D36	4957
-10	87.4	4781^33	4885^35	4919^35	4776^24	4885D35	4919D36	4963
-20	85.7	4771^33	4877^35	4913^35	4770^26	4877D35	4913D35	4962
-30	84.0	4755^33	4865^35	4902^35	4755D29	4865D35	4902D35	4957

High QNH **+90** per .10" Engine A/I ON **-2380**
Low QNH **-170** per .10" Wing A/I ON **-2380**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	93.3	4230^25-25-35	4316^27-27-36	4345^27-27-36	4373^28-28-37
38	93.3	4314^27-27-36	4402^28-28-37	4431^29-29-38	4460^29-29-38
36	93.3	4397^28-28-37	4485^29-29-38	4515^30-30-39	4544^30-30-39
34	93.3	4476^29-29-38	4565^30-30-40	4594^31-31-40	4624^31-31-40
32	93.3	4554^30-30-39	4644^32-32-41	4674^32-32-41	4703^33-33-42
30	93.2	4638^31-31-41	4730^33-33-42	4759^33-33-42	4790^34-34-43
28	93.1	4726^32-32-42	4818^34-34-43	4849^35-35-44	4879^35-35-44
26	93.1	4788^33-33-43	4881^35-35-44	4911^35-35-45	4942^36-36-45
24	92.9	4799^33-33-43	4892^35-35-44	4923^36-36-45	4954^36-36-45
22	92.5	4801^33-33-43	4894^35-35-44	4925^36-36-45	4956^36-36-45
20	92.2	4801^33-33-43	4895^35-35-44	4926^36-36-45	4957^36-36-45
10	90.6	4802^33-33-43	4899^35-35-44	4931^36-36-45	4963^36-36-45
0	89.0	4787^33-33-43	4887^35-35-44	4920^35-35-45	4953^36-36-45
-10	87.4	4781^33-33-43	4885^35-35-44	4919^35-35-45	4953^36-36-45
-20	85.7	4771^33-33-43	4877^35-35-44	4913^35-35-45	4948^36-36-45
-30	84.0	4755^33-33-42	4865^35-35-44	4902D35-35-44	4938^36-36-45

High QNH **+90** per .10" Engine A/I ON **-2380**
Low QNH **-170** per .10" Wing A/I ON **-2380**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 4295 Length 9186 Shift **0** Clearway 0 Stopway 0 Slope -1.00
Rwy Rev. Program Rules FAA **23 Feb 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	4230^25	4316^27	4345^27
38	4314^27	4402^28	4431^29
36	4397^28	4485^29	4515^30
34	4476^29	4565^30	4594^31
32	4554^30	4644^32	4674^32
30	4638^31	4730^33	4759^33
28	4726^32	4818^34	4849^35
26	4788^33	4881^35	4911^35
24	4799^33	4892^35	4923^36
22	4801^33	4894^35	4925^36
20	4801^33	4895^35	4926^36
10	4802^33	4899^35	4931^36
0	4787^33	4887^35	4920^35
-10	4781^33	4885^35	4919^35

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2380**
Wing A/I ON **-2380**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	4223^25	4309^27	4338^27
38	4307^26	4395^28	4424^29
36	4390^28	4479^29	4508^30
34	4469^29	4558^30	4588^31
32	4547^30	4637^31	4667^32
30	4630^31	4722^33	4751^33
28	4713^32	4805^34	4836^34
26	4776^33	4868^35	4898^35
24	4788^33	4881^35	4911^35
22	4794^33	4888^35	4919^35
20	4795^33	4890^35	4921^35
10	4562^30	4658^32	4689^32
0	4737^33	4836^34	4870^35
-10	4744^33	4845^34	4880^35

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-260**
Wing A/I ON **-260**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	4221^13	4316D23	4345D26
38	4305^13	4402^23	4431D27
36	4386^13	4484^24	4515D27
34	4450F14	4563^24	4594D28
32	4506F14	4641^25	4674D28
30	4560F15	4725^25	4759D28
28	4621F15	4813^25	4847^29
26	4672F16	4875^26	4910^29
24	4696F16	4887^26	4922^30
22	4717F17	4890^27	4924^30
20	4732F17	4891^27	4926^31
10	4790^19	4899^30	4931D33
0	4779^21	4887D32	4920D36
-10	4776^24	4885D35	4919D36

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2380**
Wing A/I ON **-2380**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	4214^13	4309D23	4338D26
38	4298^13	4395^23	4424D27
36	4379^13	4477^24	4508D27
34	4440F14	4556^24	4588D27
32	4496F14	4634^24	4667D28
30	4553F15	4718^25	4751D28
28	4601F15	4800^25	4834^28
26	4652F16	4862^26	4896^29
24	4686F16	4875^26	4910^30
22	4705F17	4883^27	4918^30
20	4723F17	4886^27	4921^31
10	4556^20	4658D31	4689D32
0	4729^21	4836D32	4870D35
-10	4739^24	4845D34	4880D35

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-260**
Wing A/I ON **-260**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		4296F 1	4377F 4
26		4345F 2	4427F 5
24		4367F 2	4450F 5
22		4384F 3	4467F 6
20	2694F99	4396F 3	4481F 6
18	2849F99	4409F 3	4494F 6
16	2971F99	4423F 4	4508F 7
14	3109F99	4436F 4	4522F 7
12	3251F99	4449F 4	4535F 8
10	3392F98	4460F 5	4548F 8
0	4048F98	4521F 7	4610F10
-10	4215F99	4590F 9	4683F12
-20	4390F 1	4660F11	4757F14
-30	4452F 3	4732F13	4831F17

High QNH **+100** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1240**
Wing A/I ON **-1240**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3714F98	3928F 7	4005F10
26	3765F98	3982F 7	4059F10
24	3786F99	4004F 8	4082F11
22	3802F99	4023F 8	4101F11
20	3811F99	4033F 9	4114F12
18	3823F 0	4045F 9	4126F12
16	3834F 0	4058F 9	4139F12
14	3845F 0	4070F10	4152F13
12	3854F 1	4082F10	4165F13
10	3864F 1	4094F10	4177F13
0	3912F 3	4150F12	4235F15
-10	3966F 5	4214F14	4303F17
-20	4020F 7	4278F16	4371F19
-30	4075F 9	4343F18	4437F22

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1190**
Wing A/I ON **-1190**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 4295 Length 9186 Shift **0** Clearway 0 Stopway 0 Slope -1.00
Rwy Rev. Program Rules FAA **23 Feb 18**

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CULIACAN -CUL 02 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D3.3 CUL	*500'	LT H260	1105'	

*USE ONLY IF CUL DME OTS

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4043^21	4188^23	4242^24	4014^ 9	4188D19	4242D23	4708
46	87.7	4124^22	4269^24	4325^25	4090^10	4269D20	4325D23	4827
44	87.6	4172^22	4319^25	4376^26	4136^10	4319D20	4376D24	4891
42	87.4	4192^23	4339^25	4396^26	4155^10	4339D21	4396D24	4945
40	87.2	4208^23	4357^26	4414^27	4172^11	4357D21	4414D24	4959
38	86.9	4215^23	4365^26	4422^27	4181^11	4365D21	4422D25	4961
36	86.6	4223^23	4373^26	4431^27	4190^11	4373D22	4431D25	4962
34	86.4	4230^23	4382^26	4440^27	4199^12	4382D22	4440D25	4964
32	86.1	4238^23	4391^26	4449^27	4209^12	4391D22	4449D26	4966
30	85.8	4246^24	4400^26	4458^27	4218^12	4400D23	4458D26	4968
20	84.4	4287^24	4445^27	4504^28	4266^14	4445D25	4504D28	4976
10	82.9	4323^25	4486^28	4545^29	4311^16	4486D27	4545D30	4972
0	81.4	4366^26	4534^29	4594^30	4364^18	4534D29	4594D31	4984
-10	79.9	4406^26	4577^30	4637^31	4406D20	4577D31	4637D32	4987
-20	78.4	4447^27	4617^30	4677^31	4447D22	4617D31	4677D32	4985
-30	76.8	4485^28	4657^31	4716^32	4485D24	4657D32	4716D33	4982

High QNH **+60** per .10" Engine A/I ON **-530**
Low QNH **-150** per .10" Wing A/I ON **-530**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4094^22	4242^24	4296^25	4058^11	4242D21	4296D24	4710
46	90.9	4178^23	4326^25	4381^26	4136^11	4326D21	4381D25	4828
44	90.8	4255^24	4405^26	4461^27	4207^11	4405D22	4461D25	4934
42	90.6	4326^25	4477^27	4534^28	4274^12	4477D22	4534D26	5038
40	90.3	4383^25	4535^28	4593^29	4329^12	4535D23	4593D26	5071
38	90.0	4436^26	4588^29	4646^30	4380^12	4588D23	4646D26	5071
36	89.8	4487^27	4640^29	4698^30	4429^12	4640D23	4698D26	5071
34	89.5	4518^27	4673^30	4730^31	4460^13	4673D23	4730D26	5071
32	89.2	4529^27	4685^30	4742^31	4473^13	4685D24	4742D27	5071
30	88.9	4537^27	4693^30	4753^31	4483^13	4693D24	4753D27	5071
20	87.4	4581^28	4741^31	4803^32	4536^15	4741D26	4803D29	5071
10	85.9	4619^29	4786^32	4848^33	4583^17	4786D28	4848D31	5071
0	84.3	4667^30	4839^33	4902^34	4640^19	4839D30	4902D33	5071
-10	82.8	4710^30	4888^33	4953^35	4695^21	4888D32	4953D35	5071
-20	81.2	4751^31	4934^34	4999^35	4748^23	4934D34	4999D36	5071
-30	79.6	4795^32	4979^35	5045^36	4795D25	4979D36	5045D36	5071

High QNH **+90** per .10" Engine A/I ON **-560**
Low QNH **-160** per .10" Wing A/I ON **-560**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4094^22-22-32	4242^24-24-35	4296^25-25-35	4352^26-26-36
46	90.9	4178^23-23-34	4326^25-25-36	4381^26-26-37	4438^27-27-38
44	90.8	4255^24-24-35	4405^26-26-37	4461^27-27-38	4519^29-29-39
42	90.6	4326^25-25-36	4477^27-27-38	4534^28-28-39	4594^30-30-40
40	90.3	4383^25-25-37	4535^28-28-39	4593^29-29-40	4653^30-30-41
38	90.0	4436^26-26-38	4588^29-29-40	4646^30-30-41	4708^31-31-42
36	89.8	4487^27-27-38	4640^29-29-41	4698^30-30-41	4760^31-31-42
34	89.5	4518^27-27-39	4673^30-30-41	4730^31-31-42	4793^32-32-43
32	89.2	4529^27-27-39	4685^30-30-41	4742^31-31-42	4805^32-32-43
30	88.9	4537^27-27-39	4693^30-30-41	4753^31-31-42	4816^32-32-43
20	87.4	4581^28-28-40	4741^31-31-42	4803^32-32-43	4867^33-33-44
10	85.9	4619^29-29-40	4786^32-32-43	4848^33-33-44	4913^34-34-45
0	84.3	4667^30-30-41	4839^33-33-43	4902^34-34-44	4968^35-35-45
-10	82.8	4710^30-30-42	4888^33-33-44	4953^35-35-45	5019^36-36-46
-20	81.2	4751^31-31-42	4934^34-34-45	4999^35-35-46	5065^36-36-47
-30	79.6	4795^32-32-43	4979^35-35-45	5045^36-36-46	5071A36-36-47

High QNH **+90** per .10" Engine A/I ON **-560**
Low QNH **-160** per .10" Wing A/I ON **-560**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	105	Length	7365	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.12
Rwy Rev.		Program						Rules	FAA		**13 Mar 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4094^22	4242^24	4296^25	4087^21	4234^24	4287^25			
46	4178^23	4326^25	4381^26	4170^23	4318^25	4373^26			
44	4255^24	4405^26	4461^27	4243^24	4393^26	4449^27			
42	4326^25	4477^27	4534^28	4309^24	4459^27	4516^28			
40	4383^25	4535^28	4593^29	4374^25	4525^28	4584^29			
38	4436^26	4588^29	4646^30	4426^26	4577^29	4636^30			
36	4487^27	4640^29	4698^30	4477^26	4631^29	4688^30			
34	4518^27	4673^30	4730^31	4507^27	4663^30	4719^31			
32	4529^27	4685^30	4742^31	4518^27	4675^30	4731^31			
30	4537^27	4693^30	4753^31	4529^27	4685^30	4743^31			
20	4581^28	4741^31	4803^32	4573^28	4732^31	4794^32			
10	4619^29	4786^32	4848^33	4578^28	4744^31	4807^32			
0	4667^30	4839^33	4902^34	4614^29	4786^32	4848^33			
-10	4710^30	4888^33	4953^35	4654^30	4831^33	4894^34			
	High QNH **+90** per .10" Low QNH **-160** per .10"			High QNH **+90** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-560** Wing A/I ON **-560**			Engine A/I ON **-90** Wing A/I ON **-90**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4058^11	4242D21	4296D24	4051^10	4234D21	4287D24			
46	4136^11	4326D21	4381D25	4129^11	4318D21	4373D25			
44	4207^11	4405D22	4461D25	4197^11	4393D22	4449D25			
42	4274^12	4477D22	4534D26	4259^12	4459D22	4516D25			
40	4329^12	4535D23	4593D26	4320^12	4525D22	4584D26			
38	4380^12	4588D23	4646D26	4371^12	4577D23	4636D26			
36	4429^12	4640D23	4698D26	4421^12	4631D23	4688D26			
34	4460^13	4673D23	4730D26	4451^13	4663D23	4719D26			
32	4473^13	4685D24	4742D27	4464^13	4675D23	4731D27			
30	4483^13	4693D24	4753D27	4476^13	4685D24	4743D27			
20	4536^15	4741D26	4803D29	4528^15	4732D26	4794D29			
10	4583^17	4786D28	4848D31	4545^17	4744D28	4807D31			
0	4640^19	4839D30	4902D33	4592^19	4786D30	4848D33			
-10	4695^21	4888D32	4953D35	4644^21	4831D32	4894D35			
	High QNH **+90** per .10" Low QNH **-160** per .10"			High QNH **+90** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-560** Wing A/I ON **-560**			Engine A/I ON **-90** Wing A/I ON **-90**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	2714F95	4165F 1	4451F 4	3468F97	3843F 5	4031F 8			
26	2939F95	4195F 1	4477F 4	3479F97	3861F 5	4055F 8			
24	3121F95	4220F 2	4505F 4	3490F97	3881F 6	4083F 8			
22	3197F95	4251F 2	4525^ 4	3500F97	3900F 6	4110F 8			
20	3252F95	4281F 2	4537^ 5	3511F98	3920F 6	4139F 8			
18	3292F95	4308F 2	4547^ 5	3520F98	3942F 6	4156F 9			
16	3333F96	4340F 3	4558^ 5	3532F98	3960F 7	4170^ 9			
14	3381F96	4367F 3	4569^ 6	3542F99	3984F 7	4185^ 9			
12	3429F96	4398F 3	4581^ 6	3557F99	4008F 7	4202^10			
10	3514F97	4429F 4	4589^ 7	3570F99	4032F 8	4218^10			
0	3674F98	4544^ 5	4600^ 9		4164F 9	4302^12			
-10	3723F 0	4546^ 7	4603^11	3718^ 3	4245^10	4384^13			
-20	3896F 1	4543^10	4602^14	3807F 4	4327^12	4470^15			
-30	4071F 2	4539^12	4599^16	3900F 6	4411^14	4553^17			
	High QNH **+70** per .10" Low QNH **-80** per .10"			High QNH **+110** per .10" Low QNH **-120** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-710** Wing A/I ON **-710**			Engine A/I ON **-490** Wing A/I ON **-490**			Engine A/I ON Wing A/I ON		

Elevation	105	Length	7365	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.12
Rwy Rev.		Program						Rules	FAA		**13 Mar 19**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1105'		**DT H205**	**1105'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4110^22	4293^25	4351^26
46	87.7	4188^23	4376^26	4436^27
44	87.6	4236^23	4427^27	4488^28
42	87.4	4255^24	4448^27	4509^28
40	87.2	4272^24	4465^28	4527^29
38	86.9	4281^24	4474^28	4535^29
36	86.6	4290^24	4483^28	4544^29
34	86.4	4299^25	4491^28	4553^29
32	86.1	4307^25	4501^28	4562^29
30	85.8	4317^25	4510^28	4572^29
20	84.4	4364^26	4558^29	4618^30
10	82.9	4409^27	4601^30	4660^31
0	81.4	4460^27	4651^31	4709^32
-10	79.9	4506^28	4697^32	4753^33
-20	78.4	4553^29	4739^32	4792^33
-30	76.8	4598^30	4778^33	4832^34

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4060^ 9	4293D19	4351D22	4708
4133^ 9	4372^19	4436D23	4827
4178^10	4421^20	4488D23	4891
4198^10	4442^20	4509D23	4945
4215^10	4461^21	4527D24	4959
4225^11	4471^21	4535D24	4961
4236^11	4482^21	4544D24	4962
4246^11	4491D22	4553D25	4964
4257^12	4501D22	4562D25	4966
4267^12	4510D22	4572D26	4968
4322^14	4558D24	4618D27	4976
4376^16	4601D26	4660D29	4972
4436^18	4651D28	4709D31	4984
4492^20	4697D30	4753D33	4987
4550^22	4739D32	4792D34	4985
4598D24	4778D34	4832D35	4982

High QNH **+60** per .10" — Engine A/I ON **-550**
Low QNH **-150** per .10" — Wing A/I ON **-550**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4179^23	4354^26	4409^27
46	90.9	4260^24	4440^28	4497^29
44	90.8	4336^25	4521^29	4579^30
42	90.6	4406^26	4595^30	4656^31
40	90.3	4457^27	4652^30	4715^31
38	90.0	4504^27	4704^31	4770^32
36	89.8	4549^28	4754^31	4821^33
34	89.5	4578^28	4785^32	4853^33
32	89.2	4590^28	4798^32	4866^33
30	88.9	4600^28	4808^32	4876^33
20	87.4	4651^29	4860^33	4928^34
10	85.9	4698^30	4907^34	4974^35
0	84.3	4754^31	4963^35	5029^36
-10	82.8	4805^32	5015^36	5071A36
-20	81.2	4856^33	5063^36	5071A36
-30	79.6	4906^34	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4113^10	4351^20	4409D24	4710
4188^11	4432^21	4497D24	4828
4257^11	4506^21	4579D25	4934
4321^11	4576^22	4656D25	5038
4373^12	4630^22	4714^25	5071
4421^12	4680^22	4766^26	5071
4467^12	4729^22	4815^26	5071
4497^12	4761^23	4848^26	5071
4510^13	4775^23	4862^26	5071
4522^13	4786^23	4874^27	5071
4581^15	4848^25	4928D29	5071
4637^17	4907^27	4974D31	5071
4701^19	4963D29	5029D33	5071
4763^21	5015D31	5071A35	5071
4826^23	5063D34	5071A36	5071
4889^25	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **-560**
Low QNH **-160** per .10" — Wing A/I ON **-560**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4179^23-23-34	4354^26-26-36	4409^27-27-37	4460^28-28-38
46	90.9	4260^24-24-35	4440^28-28-38	4497^29-29-38	4551^30-30-39
44	90.8	4336^25-25-36	4521^29-29-39	4579^30-30-40	4636^31-31-41
42	90.6	4406^26-26-37	4595^30-30-40	4656^31-31-41	4714^32-32-42
40	90.3	4457^27-27-38	4652^30-30-41	4715^31-31-42	4776^32-32-43
38	90.0	4504^27-27-39	4704^31-31-42	4770^32-32-42	4832^33-33-43
36	89.8	4549^28-28-39	4754^31-31-42	4821^33-33-43	4885^34-34-44
34	89.5	4578^28-28-40	4785^32-32-43	4853^33-33-44	4919^34-34-45
32	89.2	4590^28-28-40	4798^32-32-43	4866^33-33-44	4931^34-34-45
30	88.9	4600^28-28-40	4808^32-32-43	4876^33-33-44	4942^34-34-45
20	87.4	4651^29-29-41	4860^33-33-44	4928^34-34-45	4992^35-35-46
10	85.9	4698^30-30-41	4907^34-34-44	4974^35-35-45	5037^36-36-46
0	84.3	4754^31-31-42	4963^35-35-45	5029^36-36-46	5071A36-36-47
-10	82.8	4805^32-32-43	5015^36-36-46	5071A36-36-47	5071A36-36-47
-20	81.2	4856^33-33-44	5063^36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	4906^34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **-560**
Low QNH **-160** per .10" — Wing A/I ON **-560**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 105 Length 7365 Shift **0** Clearway 0 Stopway 0 Slope -0.12
Rwy Rev. Program Rules FAA **13 Mar 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4179^23	4354^26	4409^27	4170^23	4345^26	4400^27			
46	4260^24	4440^28	4497^29	4251^24	4431^27	4488^28			
44	4336^25	4521^29	4579^30	4322^25	4508^28	4567^29			
42	4406^26	4595^30	4656^31	4384^26	4575^29	4636^30			
40	4457^27	4652^30	4715^31	4447^27	4642^30	4705^31			
38	4504^27	4704^31	4770^32	4493^27	4694^31	4758^32			
36	4549^28	4754^31	4821^33	4538^28	4744^31	4811^32			
34	4578^28	4785^32	4853^33	4566^28	4774^32	4841^33			
32	4590^28	4798^32	4866^33	4578^28	4786^32	4854^33			
30	4600^28	4808^32	4876^33	4589^28	4798^32	4866^33			
20	4651^29	4860^33	4928^34	4641^29	4850^33	4918^34			
10	4698^30	4907^34	4974^35	4658^30	4866^33	4931^34			
0	4754^31	4963^35	5029^36	4705^31	4909^34	4974^35			
-10	4805^32	5015^36	5071A36	4753^31	4957^35	5020^36			
	High QNH +90 per .10" Low QNH -160 per .10"			High QNH +90 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -560 Wing A/I ON -560			Engine A/I ON -90 Wing A/I ON -90			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4113^10	4351^20	4409D24	4106^10	4343^20	4400D23			
46	4188^11	4432^21	4497D24	4180^10	4423^21	4488D24			
44	4257^11	4506^21	4579D25	4247^11	4495^21	4567D24			
42	4321^11	4576^22	4656D25	4305^11	4558^22	4636D25			
40	4373^12	4630^22	4714^25	4364^12	4621^22	4705^25			
38	4421^12	4680^22	4766^26	4412^12	4670^22	4756^25			
36	4467^12	4729^22	4815^26	4459^12	4720^22	4806^26			
34	4497^12	4761^23	4848^26	4488^12	4750^22	4837^26			
32	4510^13	4775^23	4862^26	4501^13	4764^23	4851^26			
30	4522^13	4786^23	4874^27	4514^13	4778^23	4865^26			
20	4581^15	4848^25	4928D29	4572^15	4840^25	4918D28			
10	4637^17	4907^27	4974D31	4600^17	4866D27	4931D30			
0	4701^19	4963D29	5029D33	4656^19	4909D29	4974D33			
-10	4763^21	5015D31	5071A35	4718^21	4957D31	5020D35			
	High QNH +90 per .10" Low QNH -160 per .10"			High QNH +90 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -560 Wing A/I ON -560			Engine A/I ON -90 Wing A/I ON -90			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4111F 1	4407F 3	3487F96	3873F 5	4071F 7			
26		4142F 1	4434F 3	3492F96	3892F 5	4096F 7			
24		4170F 1	4462F 4	3509F96	3912F 5	4125F 7			
22	2738F96	4200F 2	4489F 4	3520F97	3932F 5	4149F 8			
20	2983F95	4230F 2	4517F 4	3531F97	3952F 6	4165F 8			
18	3194F95	4259F 2	4546F 5	3542F97	3973F 6	4180F 8			
16	3238F95	4291F 2	4574F 5	3553F98	3994F 6	4194F 9			
14	3288F96	4322F 3	4594^ 5	3559F98	4019F 6	4210F 9			
12	3374F96	4352F 3	4591^ 6	3559F98	4045F 7	4228F 9			
10	3434F96	4383F 3	4592^ 6	3559F98	4070F 7	4245F10			
0	3594F98	4534F 5	4602^ 8	3671F 1	4188F 8	4331^11			
-10	3651F99	4548^ 7	4605^11	3744F 2	4273F10	4413^13			
-20	3827F 1	4545^ 9	4602^13	3831F 4	4357^12	4498^15			
-30	4009F 2	4540^12	4599^16	3930F 5	4440^13	4560^17			
	High QNH +70 per .10" Low QNH -80 per .10"			High QNH +110 per .10" Low QNH -130 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -620 Wing A/I ON -620			Engine A/I ON -490 Wing A/I ON -490			Engine A/I ON Wing A/I ON		

Elevation 105 Length 7365 Shift **0** Clearway 0 Stopway 0 Slope -0.12

Rwy Rev. Program Rules FAA **13 Mar 19**

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DURANGO **-DGO** **03** ***SPECIAL***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		6900'		**RT H055**	**7104'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H
36	89.0	4056^23	4139^24	4166^25
34	89.2	4120^24	4217^25	4245^26
32	89.5	4182^24	4296^27	4323^27
30	89.7	4244^25	4376^28	4404^28
28	89.8	4309F26	4444^29	4487^29
26	89.9	4368F27	4514^30	4554^30
24	90.0	4424F28	4581^31	4623^31
22	90.2	4469F28	4626^31	4669^32
20	90.3	4484F29	4639^31	4681^32
18	90.0	4496F29	4647^31	4689^32
16	89.7	4508F29	4656^32	4698^32
10	88.8	4543F30	4678^32	4708^32
0	87.2	4581^30	4675^32	4707^32
-10	85.6	4566^30	4663^32	4696^32
-20	84.0	4560^30	4660^32	4693^32
-30	82.3	4543^30	4646^31	4681^32

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	89.0	3989F10	4138^20	4166D23	4221
34	89.2	4044F11	4216^20	4245D23	4300
32	89.5	4096F11	4293^20	4323D24	4378
30	89.7	4149F12	4355^21	4404D24	4458
28	89.8	4205F12	4421^21	4476^24	4543
26	89.9	4261F13	4486^22	4544^25	4627
24	90.0	4315F13	4549^22	4610^25	4710
22	90.2	4356F14	4593^23	4654^26	4756
20	90.3	4372F14	4607^23	4668^26	4762
18	90.0	4385F14	4617^24	4678^27	4764
16	89.7	4398F15	4629^24	4688^27	4765
10	88.8	4439F16	4660^25	4708^28	4769
0	87.2	4506F18	4675^27	4707D31	4771
-10	85.6	4559^20	4663D30	4696D32	4763
-20	84.0	4556^22	4660D32	4693D32	4765
-30	82.3	4543D25	4646D32	4681D32	4758

High QNH **+100** per .10" Engine A/I ON **-4110**
Low QNH **-170** per .10" Wing A/I ON **-4110**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H
36	93.9	4067^23	4149^24	4176^25
34	93.8	4146^24	4228^26	4255^26
32	93.8	4224^25	4307^27	4335^27
30	93.8	4304^26	4388^28	4416^28
28	93.7	4368^27	4470^29	4499^30
26	93.7	4435^28	4553^30	4582^31
24	93.6	4503^29	4636^31	4665^32
22	93.6	4555^30	4685^32	4715^33
20	93.5	4584^30	4692^32	4721^33
18	93.2	4595^31	4693^32	4723^33
16	93.0	4606^31	4694^32	4724^33
10	92.1	4605^31	4695^32	4725^33
0	90.4	4599^31	4691^32	4722^33
-10	88.8	4584^30	4680^32	4712^33
-20	87.1	4577^30	4676^32	4709^33
-30	85.3	4560^30	4663^32	4697^32

TO - WET RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	93.9	4039^12	4149D21	4176D25	4222
34	93.8	4099^12	4228D22	4255D25	4301
32	93.8	4160F13	4306^22	4335D25	4380
30	93.8	4215F13	4386^23	4416D26	4460
28	93.7	4271F14	4467^23	4499D26	4545
26	93.7	4328F14	4534^23	4581^27	4629
24	93.6	4387F15	4602^24	4663^27	4713
22	93.6	4436F15	4651^25	4713^28	4759
20	93.5	4471F16	4678^25	4720^29	4765
18	93.2	4486F16	4689^26	4723D29	4766
16	93.0	4500F17	4691^26	4724D30	4768
10	92.1	4536^18	4694^28	4725D31	4771
0	90.4	4589^20	4691D30	4722D33	4773
-10	88.8	4579^22	4680D32	4712D33	4765
-20	87.1	4577^25	4676D32	4709D33	4767
-30	85.3	4560D28	4663D32	4697D32	4760

High QNH **+100** per .10" Engine A/I ON **-4150**
Low QNH **-170** per .10" Wing A/I ON **-4150**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	+0	+10H	+20H
36	93.9	4067^23-23-32	4149^24-24-33	4176^25-25-34	4203^25-25-34
34	93.8	4146^24-24-33	4228^26-26-35	4255^26-26-35	4283^27-27-35
32	93.8	4224^25-25-34	4307^27-27-36	4335^27-27-36	4362^28-28-37
30	93.8	4304^26-26-36	4388^28-28-37	4416^28-28-37	4444^29-29-38
28	93.7	4368^27-27-37	4470^29-29-38	4499^30-30-39	4527^30-30-39
26	93.7	4435^28-28-38	4553^30-30-39	4582^31-31-40	4610^31-31-40
24	93.6	4503^29-29-39	4636^31-31-41	4665^32-32-41	4694^32-32-41
22	93.6	4555^30-30-39	4685^32-32-41	4715^33-33-42	4744^33-33-42
20	93.5	4584^30-30-40	4692^32-32-41	4721^33-33-42	4750^33-33-42
18	93.2	4595^31-31-40	4693^32-32-41	4723^33-33-42	4752^33-33-42
16	93.0	4606^31-31-40	4694^32-32-41	4724^33-33-42	4753^33-33-42
10	92.1	4605^31-31-40	4695^32-32-42	4725^33-33-42	4755^33-33-42
0	90.4	4599^31-31-40	4691^32-32-41	4722^33-33-42	4753^33-33-42
-10	88.8	4584^30-30-40	4680^32-32-41	4712^33-33-42	4744^33-33-42
-20	87.1	4577^30-30-40	4676^32-32-41	4709^33-33-42	4742^33-33-42
-30	85.3	4560^30-30-40	4663^32-32-41	4697^32-32-42	4731^33-33-42

High QNH **+100** per .10" Engine A/I ON **-4150**
Low QNH **-170** per .10" Wing A/I ON **-4150**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6104 Length 9514 Shift **0** Clearway 0 Stopway 0 Slope -0.04
Rwy Rev. Program Rules FAA **19 Dec 16**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
36	4067^23	4149^24	4176^25	4061^23	4142^24	4170^25			
34	4146^24	4228^26	4255^26	4139^24	4222^25	4249^26			
32	4224^25	4307^27	4335^27	4218^25	4301^27	4329^27			
30	4304^26	4388^28	4416^28	4291^26	4382^28	4410^28			
28	4368^27	4470^29	4499^30	4357^27	4464^29	4492^30			
26	4435^28	4553^30	4582^31	4424^28	4542^30	4571^31			
24	4503^29	4636^31	4665^32	4481^29	4606^31	4635^32			
22	4555^30	4685^32	4715^33	4528^30	4656^32	4696^32			
20	4584^30	4692^32	4721^33	4575^30	4685^32	4714^33			
18	4595^31	4693^32	4723^33	4584^30	4687^32	4716^33			
16	4606^31	4694^32	4724^33	4594^31	4688^32	4718^33			
10	4605^31	4695^32	4725^33	4189^25	4277^26	4307^27			
0	4599^31	4691^32	4722^33	4530^30	4623^31	4653^32			
-10	4584^30	4680^32	4712^33	4518^29	4613^31	4645^32			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4150** Wing A/I ON **-4150**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
36	4039^12	4149D21	4176D25	4031^11	4142D21	4170D24			
34	4099^12	4228D22	4255D25	4091^12	4222D22	4249D25			
32	4160F13	4306^22	4335D25	4150F12	4301^22	4329D25			
30	4215F13	4386^23	4416D26	4205F13	4380^22	4410D26			
28	4271F14	4467^23	4499D26	4262F13	4461^23	4492D26			
26	4328F14	4534^23	4581^27	4318F14	4525^23	4570^26			
24	4387F15	4602^24	4663^27	4370F15	4580^24	4634^27			
22	4436F15	4651^25	4713^28	4416F15	4626^25	4684^28			
20	4471F16	4678^25	4720^29	4462F16	4670^25	4714^29			
18	4486F16	4689^26	4723D29	4476F16	4683^26	4716^29			
16	4500F17	4691^26	4724D30	4491F17	4685^26	4718D29			
10	4536^18	4694^28	4725D31	4188^20	4277D26	4307D27			
0	4589^20	4691D30	4722D33	4522^20	4623D30	4653D32			
-10	4579^22	4680D32	4712D33	4515^23	4613D31	4645D32			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4140** Wing A/I ON **-4140**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3741F93	3956F 2	4032F 5	3437F98	3627F 7	3697F 9			
26	3671F94	4017F 3	4093F 5	3496F99	3689F 7	3760F10			
24	3604F95	4077F 3	4155F 6	3557F99	3753F 8	3823F10			
22	3631F96	4123F 3	4202F 6	3606F99	3806F 8	3877F11			
20	3743F96	4151F 4	4231F 7	3637F 0	3842F 9	3915F12			
18	3849F96	4164F 4	4245F 7	3649F 0	3855F 9	3928F12			
16	3944F96	4177F 5	4256F 8	3658F 1	3866F 9	3939F12			
14	3957F96	4189F 5	4268F 8	3669F 1	3877F10	3950F13			
12	3967F96	4200F 5	4281F 8	3678F 1	3888F10	3960F13			
10	3978F97	4213F 6	4294F 9	3688F 2	3899F11	3973F13			
0	4029F98	4270F 8	4356F11	3735F 3	3950F12	4026F15			
-10	4085F 0	4333F10	4421F13	3784F 5	4005F14	4085F17			
-20	4144F 2	4400F12	4490F15	3834F 7	4064F16	4147F19			
-30	4203F 4	4466F14	4560F17	3886F 9	4123F18	4210F21			
	High QNH **+110** per .10" Low QNH **-150** per .10"			High QNH **+110** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-2000** Wing A/I ON **-2000**			Engine A/I ON **-1850** Wing A/I ON **-1850**			Engine A/I ON Wing A/I ON		

Elevation 6104 Length 9514 Shift **0** Clearway 0 Stopway 0 Slope -0.04

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DURANGO **-DGO** **21** ***LT H035***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7104'		**LT H035**	**7104'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H
36	89.0	4037^22	4138^24	4165^25
34	89.2	4100^23	4217^25	4244^26
32	89.5	4161^24	4295^26	4322^27
30	89.7	4223^25	4357^27	4395^28
28	89.8	4287^26	4426^28	4466^29
26	89.9	4351^27	4495^29	4536^30
24	90.0	4414F27	4563^30	4606^31
22	90.2	4458F28	4607^31	4651^32
20	90.3	4474F28	4620^31	4662^32
18	90.0	4479^28	4628^31	4671^32
16	89.7	4488^29	4637^31	4680^32
10	88.8	4516^29	4663^32	4707^32
0	87.2	4561^30	4674^32	4706^32
-10	85.6	4565^30	4663^32	4695^32
-20	84.0	4559^30	4659^32	4687^32
-30	82.3	4542^30	4645^31	4680^32

ALT TO-1 - WET RWY

Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
3977^10	4137^20	4165D23	4221
4036F11	4215^20	4244D23	4300
4090F11	4279^21	4322D24	4378
4142F12	4341^21	4395^24	4458
4197F12	4406^22	4462^25	4543
4253F13	4471^22	4530^25	4627
4307F13	4534^22	4595^25	4710
4348F14	4578^23	4639^26	4756
4364F14	4591^23	4653^26	4762
4377F15	4602^24	4663^27	4764
4390F15	4612^24	4673^27	4765
4430F16	4644^25	4707^28	4769
4498F18	4674^27	4706D31	4771
4547^20	4663D30	4695D32	4763
4554^22	4659D32	4687D32	4760
4542D25	4645D32	4680D32	4758

High QNH **+100** per .10" Engine A/I ON **-3970**
Low QNH **-170** per .10" Wing A/I ON **-3970**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H
36	93.9	4066^23	4148^24	4175^25
34	93.8	4145^24	4227^26	4255^26
32	93.8	4223^25	4306^27	4334^27
30	93.8	4280^26	4387^28	4415^28
28	93.7	4347^27	4469^29	4498^30
26	93.7	4413^28	4544^30	4581^31
24	93.6	4482^29	4616^31	4653^32
22	93.6	4533^29	4667^32	4704^32
20	93.5	4563^30	4691^32	4720^33
18	93.2	4573^30	4692^32	4722^33
16	93.0	4583^30	4693^32	4723^33
10	92.1	4605^31	4695^32	4724^33
0	90.4	4598^31	4691^32	4722^33
-10	88.8	4584^30	4674^32	4711^33
-20	87.1	4576^30	4676^32	4709^32
-30	85.3	4560^30	4662^32	4696^32

TO - WET RWY

Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
4024^12	4148D21	4175D25	4222
4084^12	4227D22	4255D25	4301
4141^13	4306^22	4334D25	4380
4200^13	4385^23	4415D26	4460
4264F14	4453^23	4498D26	4545
4320F14	4519^24	4573^27	4629
4379F15	4588^24	4645^27	4713
4428F15	4637^25	4694^28	4759
4463F16	4663^26	4719^29	4765
4472^16	4675^26	4722D29	4766
4484^17	4690^26	4723D30	4768
4518^18	4693^28	4724D31	4771
4574^20	4691D30	4722D33	4773
4578^22	4674D32	4711D33	4765
4576^25	4676D32	4709D33	4767
4560D28	4662D32	4696D32	4760

High QNH **+100** per .10" Engine A/I ON **-4150**
Low QNH **-170** per .10" Wing A/I ON **-4150**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	+0	+10H	+20H
36	93.9	4066^23-23-32	4148^24-24-33	4175^25-25-34	4202^25-25-34
34	93.8	4145^24-24-33	4227^26-26-35	4255^26-26-35	4282^27-27-35
32	93.8	4223^25-25-34	4306^27-27-36	4334^27-27-36	4362^28-28-37
30	93.8	4280^26-26-35	4387^28-28-37	4415^28-28-37	4443^29-29-38
28	93.7	4347^27-27-36	4469^29-29-38	4498^30-30-39	4526^30-30-39
26	93.7	4413^28-28-37	4544^30-30-39	4581^31-31-40	4609^31-31-40
24	93.6	4482^29-29-38	4616^31-31-40	4653^32-32-41	4686^32-32-41
22	93.6	4533^29-29-39	4667^32-32-41	4704^32-32-42	4737^33-33-42
20	93.5	4563^30-30-40	4691^32-32-41	4720^33-33-42	4749^33-33-42
18	93.2	4573^30-30-40	4692^32-32-41	4722^33-33-42	4751^33-33-42
16	93.0	4583^30-30-40	4693^32-32-41	4723^33-33-42	4753^33-33-42
10	92.1	4605^31-31-40	4695^32-32-41	4724^33-33-42	4754^33-33-42
0	90.4	4598^31-31-40	4691^32-32-41	4722^33-33-42	4752^33-33-42
-10	88.8	4584^30-30-40	4674^32-32-41	4711^33-33-42	4743^33-33-42
-20	87.1	4576^30-30-40	4676^32-32-41	4709^32-32-42	4741^33-33-42
-30	85.3	4560^30-30-40	4662^32-32-41	4696^32-32-42	4730^33-33-42

High QNH **+100** per .10" Engine A/I ON **-4150**
Low QNH **-170** per .10" Wing A/I ON **-4150**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6104 Length 9514 Shift **0** Clearway 0 Stopway 0 Slope +0.04
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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	4066^23	4148^24	4175^25
34	4145^24	4227^26	4255^26
32	4223^25	4306^27	4334^27
30	4280^26	4387^28	4415^28
28	4347^27	4469^29	4498^30
26	4413^28	4544^30	4581^31
24	4482^29	4616^31	4653^32
22	4533^29	4667^32	4704^32
20	4563^30	4691^32	4720^33
18	4573^30	4692^32	4722^33
16	4583^30	4693^32	4723^33
10	4605^31	4695^32	4724^33
0	4598^31	4691^32	4722^33
-10	4584^30	4674^32	4711^33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4150**
Wing A/I ON **-4150**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4060^23	4141^24	4169^25
34	4138^24	4221^25	4249^26
32	4208^25	4300^27	4328^27
30	4271^26	4381^28	4409^28
28	4338^27	4463^29	4491^29
26	4404^28	4535^30	4570^31
24	4460^28	4592^31	4634^32
22	4507^29	4638^31	4674^32
20	4554^30	4684^32	4714^33
18	4564^30	4686^32	4715^33
16	4573^30	4687^32	4717^33
10	4189^25	4277^26	4306^27
0	4529^30	4622^31	4653^32
-10	4517^29	4612^31	4644^32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	4024^12	4148D21	4175D25
34	4084^12	4227D22	4255D25
32	4141^13	4306^22	4334D25
30	4200^13	4385^23	4415D26
28	4264F14	4453^23	4498D26
26	4320F14	4519^24	4573^27
24	4379F15	4588^24	4645^27
22	4428F15	4637^25	4694^28
20	4463F16	4663^26	4719^29
18	4472^16	4675^26	4722D29
16	4484^17	4690^26	4723D30
10	4518^18	4693^28	4724D31
0	4574^20	4691D30	4722D33
-10	4578^22	4674D32	4711D33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4140**
Wing A/I ON **-4140**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4016^12	4141D21	4169D24
34	4075^12	4221D22	4249D25
32	4134^13	4300^22	4328D25
30	4191^13	4379^22	4409D26
28	4254F14	4444^23	4491D26
26	4311F14	4511^23	4570D26
24	4362F15	4566^24	4622^27
22	4408F15	4611^25	4667^28
20	4454F16	4656^25	4713^29
18	4464^16	4666^26	4715^29
16	4476^17	4678^26	4717D30
10	4187^20	4277D26	4306D27
0	4521^20	4622D30	4653D32
-10	4514^23	4612D31	4644D32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3735F94	3950F 2	4026F 5
26	3741F94	4010F 3	4086F 6
24	3661F95	4070F 3	4148F 6
22	3695F96	4116F 4	4195F 7
20	3816F96	4144F 4	4225F 7
18	3915F96	4157F 5	4238F 8
16	3940F96	4169F 5	4249F 8
14	3949F96	4182F 5	4261F 8
12	3960F96	4193F 6	4274F 9
10	3971F97	4206F 6	4287F 9
0	4023F99	4264F 8	4349F11
-10	4079F 1	4326F10	4414F13
-20	4137F 3	4393F12	4483F15
-30	4195F 5	4459F14	4546^18

High QNH **+110** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1980**
Wing A/I ON **-1980**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3434F98	3623F 7	3693F10
26	3493F99	3685F 7	3756F10
24	3554F99	3749F 8	3819F10
22	3602F 0	3801F 8	3872F11
20	3633F 0	3838F 9	3910F12
18	3645F 1	3851F 9	3923F12
16	3655F 1	3862F10	3934F12
14	3664F 1	3873F10	3945F13
12	3675F 2	3884F10	3954F13
10	3684F 2	3895F11	3967F14
0	3731F 4	3945F13	4021F15
-10	3780F 5	3999F14	4080F17
-20	3831F 7	4059F16	4143F19
-30	3881F 9	4118F18	4206F21

High QNH **+100** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1840**
Wing A/I ON **-1840**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 6104 Length 9514 Shift **0** Clearway 0 Stopway 0 Slope +0.04
Rwy Rev. Program Rules FAA **19 Dec 16**

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GUADALAJARA -GDL 02 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D4.0 GDL	**5500'**	**LT H340**	**6016'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	88.8	3338F 7	3568F12	3648F14		3535F 1	3626F 4	4336
36	89.2	3385F 8	3617F13	3700F15		3584F 1	3675F 4	4420
34	89.5	3431F 9	3666F14	3749F15		3631F 2	3723F 5	4498
32	89.9	3474F 9	3713F14	3797F16		3675F 2	3769F 5	4575
30	90.2	3517F10	3760F15	3845F17		3720F 3	3814F 6	4656
28	90.1	3560F10	3809F16	3895F18		3768F 3	3864F 6	4745
26	90.0	3602F11	3859F16	3946F18		3816F 3	3913F 7	4833
24	89.9	3631F11	3891F17	3978F19		3847F 4	3945F 7	4875
22	89.8	3646F12	3904F17	3992F19		3861F 4	3959F 7	4881
20	89.7	3660F12	3918F17	4006F19		3875F 4	3973F 8	4883
18	89.4	3673F12	3929F18	4018F19		3886F 5	3986F 8	4885
10	88.2	3720F13	3976F19	4067F20		3937F 6	4036F 9	4890
0	86.6	3768F14	4032F20	4120F21	3209F 0	3998F 8	4100F11	4885
-10	85.0	3822F15	4093F21	4177F22	3374F 1	4064F10	4164F13	4886
-20	83.4	3877F17	4148F22	4235F24	3822F 1	4130F12	4230F15	4884
-30	81.7	3934F18	4205F23	4295F25	3886F 3	4196F14	4295D17	4880

High QNH **+50** per .10" Engine A/I ON **-930**
Low QNH **-130** per .10" Wing A/I ON **-930**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
38	93.7	3406F 9	3642F14	3715F15	3444^91	3584D 0	3625D 4	4337
36	93.8	3455F10	3693F15	3770F16	3508^91	3652D 1	3695D 4	4421
34	93.8	3502F10	3743F15	3822F17	3567^91	3717^ 1	3761D 4	4500
32	93.8	3547F11	3790F16	3872F18	3589^92	3779^ 1	3824D 5	4578
30	93.8	3591F11	3837F17	3921F18	3569^92	3841^ 2	3889D 5	4659
28	93.8	3636F12	3888F17	3976F19	3533^93	3912^ 2	3962D 5	4747
26	93.8	3683F12	3939F18	4028F20	3500^94	3982^ 2	4036D 6	4835
24	93.6	3725F13	3984F19	4074F21	3507^94	4019^ 3	4074D 6	4878
22	93.3	3760F14	4022F20	4109F21	3552^95	4031^ 4	4084D 7	4884
20	93.0	3773F14	4034F20	4120F21	3587^95	4035^ 4	4086D 7	4885
18	92.7	3785F15	4047F20	4131F22	3622^95	4040^ 4	4090D 8	4887
10	91.4	3831F16	4096F21	4177F22	3757^96	4055D 6	4102D 9	4893
0	89.8	3883F17	4146F22	4230F23	3899^97	4057D 8	4105D11	4887
-10	88.1	3939F18	4202F23	4289F25	3915^99	4068D10	4116D13	4888
-20	86.4	3998F19	4261F24	4351F26	3931^ 1	4078D12	4127D13	4887
-30	84.7	4057F20	4320F25	4413F27	3941^ 3	4083D12	4133D13	4881

High QNH **+80** per .10" Engine A/I ON **-1120**
Low QNH **-140** per .10" Wing A/I ON **-1120**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
38	93.7	3406F 9- 9-21	3642F14-14-25	3715F15-15-26	3791F17-17-28
36	93.8	3455F10-10-22	3693F15-15-26	3770F16-16-27	3845F18-18-28
34	93.8	3502F10-10-23	3743F15-15-27	3822F17-17-28	3898F18-18-29
32	93.8	3547F11-11-23	3790F16-16-28	3872F18-18-29	3948F19-19-30
30	93.8	3591F11-12-24	3837F17-17-28	3921F18-18-30	3999F20-20-31
28	93.8	3636F12-12-25	3888F17-17-29	3976F19-19-31	4054F21-21-32
26	93.8	3683F12-13-26	3939F18-18-30	4028F20-20-31	4110F21-21-33
24	93.6	3725F13-13-26	3984F19-19-31	4074F21-21-32	4156F22-22-33
22	93.3	3760F14-14-27	4022F20-20-31	4109F21-21-33	4191F23-23-34
20	93.0	3773F14-14-27	4034F20-20-32	4120F21-21-33	4203F23-23-34
18	92.7	3785F15-15-27	4047F20-20-32	4131F22-22-33	4215F23-23-34
10	91.4	3831F16-16-28	4096F21-21-32	4177F22-22-34	4262F24-24-35
0	89.8	3883F17-17-29	4146F22-22-33	4230F23-23-35	4318F25-25-36
-10	88.1	3939F18-18-30	4202F23-23-34	4289F25-25-35	4379F26-26-37
-20	86.4	3998F19-19-31	4261F24-24-35	4351F26-26-36	4442F27-27-38
-30	84.7	4057F20-20-32	4320F25-25-36	4413F27-27-37	4507F29-29-39

High QNH **+80** per .10" Engine A/I ON **-1120**
Low QNH **-140** per .10" Wing A/I ON **-1120**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 5016 Length 5906 Shift **0** Clearway 0 Stopway 0 Slope -0.32
Rwy Rev. Program Rules FAA **25 Oct 16**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
38	3406F 9	3642F14	3715F15	3398F 9	3633F14	3705F15			
36	3455F10	3693F15	3770F16	3445F 9	3683F14	3760F16			
34	3502F10	3743F15	3822F17	3492F10	3732F15	3812F17			
32	3547F11	3790F16	3872F18	3537F11	3779F16	3862F17			
30	3591F11	3837F17	3921F18	3582F11	3826F16	3911F18			
28	3636F12	3888F17	3976F19	3627F12	3877F17	3965F19			
26	3683F12	3939F18	4028F20	3673F12	3929F18	4017F20			
24	3725F13	3984F19	4074F21	3710F13	3968F18	4057F20			
22	3760F14	4022F20	4109F21	3737F13	3996F19	4086F21			
20	3773F14	4034F20	4120F21	3764F14	4025F20	4111F21			
18	3785F15	4047F20	4131F22	3776F14	4037F20	4122F21			
10	3831F16	4096F21	4177F22	3740F15	3983F20	4065F21			
0	3883F17	4146F22	4230F23	3847F16	4103F21	4187F23			
-10	3939F18	4202F23	4289F25	3930F18	4191F23	4278F24			
	High QNH **+80** per .10"			High QNH **+80** per .10"			High QNH per .10"		
	Low QNH **-140** per .10"			Low QNH **-140** per .10"			Low QNH per .10"		
	Engine A/I ON **-1120**			Engine A/I ON **-10**			Engine A/I ON		
	Wing A/I ON **-1120**			Wing A/I ON **-10**			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
38	3444^91	3584D 0	3625D 4	3439^90	3579D 0	3620D 4			
36	3508^91	3652D 1	3695D 4	3503^91	3647D 1	3690D 4			
34	3567^91	3717^ 1	3761D 4	3562^91	3712^ 1	3755D 4			
32	3589^92	3779^ 1	3824D 5	3585^92	3773^ 1	3818D 5			
30	3569^92	3841^ 2	3889D 5	3563^92	3836^ 2	3884D 5			
28	3533^93	3912^ 2	3962D 5	3527^93	3906^ 2	3957D 5			
26	3500^94	3982^ 2	4036D 6	3494^94	3976^ 2	4030D 6			
24	3507^94	4019^ 3	4074D 6	3499^94	4007^ 3	4061D 6			
22	3552^95	4031^ 4	4084D 7	3538^95	4019^ 3	4072D 7			
20	3587^95	4035^ 4	4086D 7	3583^95	4030^ 4	4082D 7			
18	3622^95	4040^ 4	4090D 8	3617^95	4035^ 4	4085D 8			
10	3757^96	4055D 6	4102D 9	3666^96	3807D 7	3851D 9			
0	3899^97	4057D 8	4105D11	3846^97	4000D 8	4047D11			
-10	3915^99	4068D10	4116D13	3890^99	4039D10	4087D12			
	High QNH **+80** per .10"			High QNH **+80** per .10"			High QNH per .10"		
	Low QNH **-150** per .10"			Low QNH **-170** per .10"			Low QNH per .10"		
	Engine A/I ON **-2460**			Engine A/I ON **-100**			Engine A/I ON		
	Wing A/I ON **-2460**			Wing A/I ON **-100**			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28					2763^88	2976^90			
26					2686^89	3023^91			
24					2688^89	3061^91			
22					2772^89	3084^91			
20					2850^89	3098^92			
18					2939^89	3112^92			
16					3003^89	3125^92			
14					3016^90	3140^93			
12					3031^90	3154^93			
10					3045^90	3169^93			
0						3240^95			
-10					3184^93	3319^96			
-20					3261^95	3403^98			
-30					3346^97	3493^ 0			
	High QNH per .10"			High QNH **+60** per .10"			High QNH per .10"		
	Low QNH per .10"			Low QNH **-180** per .10"			Low QNH per .10"		
	Engine A/I ON			Engine A/I ON **-1090**			Engine A/I ON		
	Wing A/I ON			Wing A/I ON **-1090**			Wing A/I ON		

Elevation	5016	Length	5906	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.32
Rwy Rev.		Program						Rules	FAA		**25 Oct 16**

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GUADALAJARA -GDL 10 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D5.1 GDL	**D5.9 IAIG**	**LT H040**	**6016'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	88.8	4166^24	4252^26	4281^26	4166D24	4252D26	4281D26	4336
36	89.2	4248^25	4334^27	4363^28	4248D26	4334D27	4363D28	4420
34	89.5	4324^27	4411^28	4440^29	4324D27	4411D28	4440D29	4498
32	89.9	4401^28	4489^29	4518^30	4401D28	4489D29	4518D30	4575
30	90.2	4483^29	4572^31	4601^31	4483D29	4572D31	4601D31	4656
28	90.1	4569^30	4658^32	4688^32	4569D30	4658D32	4688D32	4745
26	90.0	4653^31	4744^33	4774^33	4653D31	4744D33	4774D34	4833
24	89.9	4697^32	4788^34	4819^34	4697D32	4788D34	4819D34	4875
22	89.8	4700^32	4792^34	4822^34	4700D32	4792D34	4822D34	4881
20	89.7	4701^32	4793^34	4824^34	4701D32	4793D34	4824D34	4883
18	89.4	4701^32	4794^34	4825^34	4701D32	4794D34	4825D34	4885
10	88.2	4701^32	4796^34	4828^34	4701D32	4796D34	4828D34	4890
0	86.6	4691^32	4789^34	4822^34	4691D32	4789D34	4822D34	4885
-10	85.0	4682^32	4783^33	4817^34	4682D32	4783D33	4817D34	4886
-20	83.4	4672^31	4776^33	4811^34	4672D32	4776D33	4811D34	4884
-30	81.7	4657^31	4764^33	4801^34	4657D31	4764D33	4801D34	4880

High QNH **+80** per .10" Engine A/I ON **-2980**
Low QNH **-170** per .10" Wing A/I ON **-2980**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	93.7	4178^24	4263^26	4291^27	4178D25	4263D26	4291D27	4337
36	93.8	4260^26	4345^27	4374^28	4260D26	4345D27	4374D28	4421
34	93.8	4337^27	4424^28	4453^29	4337D27	4424D29	4453D29	4500
32	93.8	4414^28	4501^30	4530^30	4414D28	4501D30	4530D30	4578
30	93.8	4497^29	4585^31	4614^31	4497D29	4585D31	4614D31	4659
28	93.8	4583^30	4671^32	4701^32	4583D31	4671D32	4701D33	4747
26	93.8	4668^32	4758^33	4787^34	4668D32	4758D33	4787D34	4835
24	93.6	4715^32	4805^34	4836^34	4715D32	4805D34	4836D34	4878
22	93.3	4720^32	4811^34	4842^34	4720D32	4811D34	4842D34	4884
20	93.0	4720^32	4811^34	4842^34	4720D32	4811D34	4842D35	4885
18	92.7	4721^32	4812^34	4843^34	4721D32	4812D34	4843D35	4887
10	91.4	4721^32	4815^34	4847^34	4721D32	4815D34	4847D35	4893
0	89.8	4710^32	4807^34	4839^34	4710D32	4807D34	4839D34	4887
-10	88.1	4700^32	4800^34	4833^34	4700D32	4800D34	4833D34	4888
-20	86.4	4690^32	4793^34	4827^34	4690D32	4793D34	4827D34	4887
-30	84.7	4675^32	4781^33	4817^34	4675D32	4781D33	4817D34	4881

High QNH **+90** per .10" Engine A/I ON **-3020**
Low QNH **-170** per .10" Wing A/I ON **-3020**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
38	93.7	4178^24-24-34	4263^26-26-35	4291^27-27-35	4319^27-27-36
36	93.8	4260^26-26-35	4345^27-27-36	4374^28-28-37	4402^28-28-37
34	93.8	4337^27-27-36	4424^28-28-37	4453^29-29-38	4481^29-29-38
32	93.8	4414^28-28-37	4501^30-30-39	4530^30-30-39	4560^31-31-40
30	93.8	4497^29-29-39	4585^31-31-40	4614^31-31-40	4643^32-32-41
28	93.8	4583^30-30-40	4671^32-32-41	4701^32-32-42	4731^33-33-42
26	93.8	4668^32-32-41	4758^33-33-42	4787^34-34-43	4818^34-34-43
24	93.6	4715^32-32-42	4805^34-34-43	4836^34-34-43	4865^35-35-44
22	93.3	4720^32-32-42	4811^34-34-43	4842^34-34-44	4872^35-35-44
20	93.0	4720^32-32-42	4811^34-34-43	4842^34-34-44	4873^35-35-44
18	92.7	4721^32-32-42	4812^34-34-43	4843^34-34-44	4874^35-35-44
10	91.4	4721^32-32-42	4815^34-34-43	4847^34-34-44	4878^35-35-44
0	89.8	4710^32-32-42	4807^34-34-43	4839^34-34-44	4872^35-35-44
-10	88.1	4700^32-32-42	4800^34-34-43	4833^34-34-43	4867^35-35-44
-20	86.4	4690^32-32-41	4793^34-34-43	4827^34-34-43	4862^35-35-44
-30	84.7	4675^32-32-41	4781^33-33-43	4817^34-34-43	4853^35-35-44

High QNH **+90** per .10" Engine A/I ON **-3020**
Low QNH **-170** per .10" Wing A/I ON **-3020**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 5016 Length 13140 Shift **0** Clearway 0 Stopway 0 Slope -0.01
Rwy Rev. Program Rules FAA **27 Sep 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
38	4178^24	4263^26	4291^27	4171^24	4256^26	4284^26			
36	4260^26	4345^27	4374^28	4253^26	4339^27	4367^28			
34	4337^27	4424^28	4453^29	4331^27	4417^28	4446^29			
32	4414^28	4501^30	4530^30	4408^28	4495^29	4524^30			
30	4497^29	4585^31	4614^31	4490^29	4578^31	4608^31			
28	4583^30	4671^32	4701^32	4576^30	4665^32	4695^32			
26	4668^32	4758^33	4787^34	4649^31	4738^33	4767^33			
24	4715^32	4805^34	4836^34	4682^32	4771^33	4801^34			
22	4720^32	4811^34	4842^34	4708^32	4799^34	4829^34			
20	4720^32	4811^34	4842^34	4714^32	4806^34	4837^34			
18	4721^32	4812^34	4843^34	4715^32	4807^34	4838^34			
10	4721^32	4815^34	4847^34	4417^28	4510^30	4541^30			
0	4710^32	4807^34	4839^34	4645^31	4741^33	4774^34			
-10	4700^32	4800^34	4833^34	4652^31	4751^33	4784^33			
	High QNH +90 per .10" Low QNH -170 per .10"			High QNH +90 per .10" Low QNH -200 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -3020 Wing A/I ON -3020			Engine A/I ON -40 Wing A/I ON -40			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
38	4178D25	4263D26	4291D27	4171D24	4256D26	4284D27			
36	4260D26	4345D27	4374D28	4253D26	4339D27	4367D28			
34	4337D27	4424D29	4453D29	4331D27	4417D28	4446D29			
32	4414D28	4501D30	4530D30	4408D28	4495D30	4524D30			
30	4497D29	4585D31	4614D31	4490D29	4578D31	4608D31			
28	4583D31	4671D32	4701D33	4576D30	4665D32	4695D32			
26	4668D32	4758D33	4787D34	4649D31	4738D33	4767D33			
24	4715D32	4805D34	4836D34	4682D32	4771D33	4801D34			
22	4720D32	4811D34	4842D34	4708D32	4799D34	4829D34			
20	4720D32	4811D34	4842D35	4714D32	4806D34	4837D34			
18	4721D32	4812D34	4843D35	4715D32	4807D34	4838D34			
10	4721D32	4815D34	4847D35	4417D28	4510D30	4541D30			
0	4710D32	4807D34	4839D34	4645D31	4741D33	4774D34			
-10	4700D32	4800D34	4833D34	4652D31	4751D33	4784D34			
	High QNH +90 per .10" Low QNH -170 per .10"			High QNH +90 per .10" Low QNH -200 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -3020 Wing A/I ON -3020			Engine A/I ON -40 Wing A/I ON -40			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4513^12	4635^21	4671^24	4293^15	4488^23	4563^26			
26	4580^12	4719^22	4755^25	4362^16	4558^24	4634^26			
24	4629^13	4766^22	4803^25	4415^16	4615^24	4692^27			
22	4658^13	4775^23	4812^26	4452^17	4659^26	4738^28			
20	4667^14	4777^24	4814^27	4463^18	4673^26	4752^28			
18	4668^14	4779^24	4816^27	4475^18	4686^26	4765^29			
16	4670^15	4781^25	4819^28	4485^18	4699^27	4779^29			
14	4671^15	4783^25	4821^28	4497^19	4711^27	4785^30			
12	4672^16	4785^26	4823^29	4508^19	4725^27	4789^30			
10	4673^16	4787^26	4825^29	4519^20	4739^28	4793^30			
0	4669^19	4787^29	4828^32	4568^22	4756^30	4804^33			
-10	4667^21	4789^32	4828^34	4626^23	4767^32	4806^34			
-20	4665^24	4788^33	4822^34	4632^26	4766^33	4801^34			
-30	4658^27	4777^33	4812^34	4632^29	4755^33	4791^34			
	High QNH +90 per .10" Low QNH -170 per .10"			High QNH +90 per .10" Low QNH -180 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -2820 Wing A/I ON -2820			Engine A/I ON -2490 Wing A/I ON -2490			Engine A/I ON Wing A/I ON		

Elevation 5016 Length 13140 Shift **0** Clearway 0 Stopway 0 Slope -0.01

Rwy Rev. Program Rules FAA **27 Sep 17**

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GUADALAJARA -GDL 10-871M *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D5.1 GDL	**D5.9 IAIG**	**LT H040**	**6016'**	

NOTAMS A3550/20 A3551/20 A3566/20

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	88.8	4166^24	4250^26	4280^26	4166D23	4250D26	4280D26	4336
36	89.2	4248^25	4333^27	4363^28	4248D24	4333D27	4363D28	4420
34	89.5	4325^27	4411^28	4441^29	4325D24	4411D28	4441D29	4498
32	89.9	4400^28	4488^29	4517^30	4400D24	4488D29	4517D30	4575
30	90.2	4483^29	4572^31	4601^31	4483D25	4572D31	4601D31	4656
28	90.1	4568^30	4658^32	4688^32	4568^25	4658D32	4688D32	4745
26	90.0	4653^31	4744^33	4774^33	4651^25	4744D33	4774D34	4833
24	89.9	4697^32	4788^34	4819^34	4694^26	4788D34	4819D34	4875
22	89.8	4700^32	4792^34	4822^34	4698^26	4792D34	4822D34	4881
20	89.7	4701^32	4793^34	4824^34	4699^27	4793D34	4824D34	4883
18	89.4	4701^32	4794^34	4825^34	4701^27	4794D34	4825D34	4885
10	88.2	4701^32	4796^34	4828^34	4701D29	4796D34	4828D34	4890
0	86.6	4691^32	4789^34	4822^34	4691D32	4789D34	4822D34	4885
-10	85.0	4682^32	4783^33	4817^34	4682D32	4783D33	4817D34	4886
-20	83.4	4672^31	4776^33	4811^34	4672D32	4776D33	4811D34	4884
-30	81.7	4657^31	4764^33	4801^34	4657D31	4764D33	4801D34	4880

High QNH **+80** per .10" Engine A/I ON **-2980**
Low QNH **-170** per .10" Wing A/I ON **-2980**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	93.7	4178^24	4263^26	4291^27	4178D25	4263D26	4291D27	4337
36	93.8	4260^26	4345^27	4374^28	4260D25	4345D27	4374D28	4421
34	93.8	4337^27	4424^28	4453^29	4337D26	4424D28	4453D29	4500
32	93.8	4414^28	4500^29	4530^30	4414D26	4500D30	4530D30	4578
30	93.8	4497^29	4585^31	4614^31	4497D27	4585D31	4614D31	4659
28	93.8	4583^30	4671^32	4701^32	4583D27	4671D32	4701D33	4747
26	93.8	4668^32	4758^33	4787^34	4668^27	4758D33	4787D34	4835
24	93.6	4715^32	4805^34	4836^34	4714^28	4805D34	4836D34	4878
22	93.3	4720^32	4811^34	4842^34	4720D29	4811D34	4842D34	4884
20	93.0	4720^32	4811^34	4842^34	4720D30	4811D34	4842D35	4885
18	92.7	4721^32	4812^34	4843^34	4721D30	4812D34	4843D35	4887
10	91.4	4721^32	4815^34	4847^34	4721D32	4815D34	4847D35	4893
0	89.8	4710^32	4807^34	4839^34	4710D32	4807D34	4839D34	4887
-10	88.1	4700^32	4800^34	4833^34	4700D32	4800D34	4833D34	4888
-20	86.4	4690^32	4793^34	4827^34	4690D32	4793D34	4827D34	4887
-30	84.7	4675^32	4781^33	4817^34	4675D32	4781D33	4817D34	4881

High QNH **+90** per .10" Engine A/I ON **-3020**
Low QNH **-170** per .10" Wing A/I ON **-3020**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
38	93.7	4178^24-24-34	4263^26-26-35	4291^27-27-35	4319^27-27-36
36	93.8	4260^26-26-35	4345^27-27-36	4374^28-28-37	4402^28-28-37
34	93.8	4337^27-27-36	4424^28-28-37	4453^29-29-38	4481^29-29-38
32	93.8	4414^28-28-37	4500^29-29-39	4530^30-30-39	4558^31-31-39
30	93.8	4497^29-29-39	4585^31-31-40	4614^31-31-40	4643^32-32-41
28	93.8	4583^30-30-40	4671^32-32-41	4701^32-32-42	4731^33-33-42
26	93.8	4668^32-32-41	4758^33-33-42	4787^34-34-43	4818^34-34-43
24	93.6	4715^32-32-42	4805^34-34-43	4836^34-34-43	4865^35-35-44
22	93.3	4720^32-32-42	4811^34-34-43	4842^34-34-44	4872^35-35-44
20	93.0	4720^32-32-42	4811^34-34-43	4842^34-34-44	4873^35-35-44
18	92.7	4721^32-32-42	4812^34-34-43	4843^34-34-44	4874^35-35-44
10	91.4	4721^32-32-42	4815^34-34-43	4847^34-34-44	4878^35-35-44
0	89.8	4710^32-32-42	4807^34-34-43	4839^34-34-44	4872^35-35-44
-10	88.1	4700^32-32-42	4800^34-34-43	4833^34-34-43	4867^35-35-44
-20	86.4	4690^32-32-41	4793^34-34-43	4827^34-34-43	4862^35-35-44
-30	84.7	4675^32-32-41	4781^33-33-43	4817^34-34-43	4853^35-35-44

High QNH **+90** per .10" Engine A/I ON **-3020**
Low QNH **-170** per .10" Wing A/I ON **-3020**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 5016 Length 11453 Shift **0** Clearway 0 Stopway 0 Slope -0.01
Rwy Rev. Program Rules FAA **02 Jul 20**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
38	4178^24	4263^26	4291^27
36	4260^26	4345^27	4374^28
34	4337^27	4424^28	4453^29
32	4414^28	4500^29	4530^30
30	4497^29	4585^31	4614^31
28	4583^30	4671^32	4701^32
26	4668^32	4758^33	4787^34
24	4715^32	4805^34	4836^34
22	4720^32	4811^34	4842^34
20	4720^32	4811^34	4842^34
18	4721^32	4812^34	4843^34
10	4721^32	4815^34	4847^34
0	4710^32	4807^34	4839^34
-10	4700^32	4800^34	4833^34

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-3020**
Wing A/I ON **-3020**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4172^24	4256^26	4284^26
4254^26	4338^27	4367^28
4331^27	4418^28	4446^29
4408^28	4494^29	4523^30
4490^29	4578^31	4608^31
4576^30	4665^32	4695^32
4649^31	4738^33	4767^33
4682^32	4771^33	4801^34
4708^32	4799^34	4829^34
4714^32	4806^34	4837^34
4715^32	4807^34	4838^34
4417^28	4509^30	4540^30
4645^31	4741^33	4774^34
4652^31	4751^33	4784^33

High QNH **+90** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-40**
Wing A/I ON **-40**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
38	4178D25	4263D26	4291D27
36	4260D25	4345D27	4374D28
34	4337D26	4424D28	4453D29
32	4414D26	4500D30	4530D30
30	4497D27	4585D31	4614D31
28	4583D27	4671D32	4701D33
26	4668^27	4758D33	4787D34
24	4714^28	4805D34	4836D34
22	4720D29	4811D34	4842D34
20	4720D30	4811D34	4842D35
18	4721D30	4812D34	4843D35
10	4721D32	4815D34	4847D35
0	4710D32	4807D34	4839D34
-10	4700D32	4800D34	4833D34

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-3020**
Wing A/I ON **-3020**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4172D24	4256D26	4284D27
4254D25	4338D27	4367D28
4331D26	4418D28	4446D29
4408D26	4494D30	4523D30
4490D26	4578D31	4608D31
4576D27	4665D32	4695D32
4649D27	4738D33	4767D33
4682D28	4771D33	4801D34
4708D29	4799D34	4829D34
4714D29	4806D34	4837D34
4715D30	4807D34	4838D34
4417D28	4509D30	4540D30
4645D31	4741D33	4774D34
4652D31	4751D33	4784D34

High QNH **+90** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-40**
Wing A/I ON **-40**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4296F 4	4540F13	4622F16
26	4360F 5	4604F14	4689F17
24	4407F 5	4656F14	4741F17
22	4438F 6	4690F15	4778F18
20	4451F 6	4704F15	4791^18
18	4464F 7	4718F16	4793^19
16	4476F 7	4732F16	4795^19
14	4489F 7	4746F17	4797^20
12	4502F 8	4761F17	4799^20
10	4515F 8	4763^17	4801^21
0	4575F10	4762^20	4802^23
-10	4641F12	4764^23	4804^26
-20	4641^15	4764^25	4806^29
-30	4634^18	4761^28	4805^32

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2840**
Wing A/I ON **-2840**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
4022F 9	4240F17	4314F19
4087F 9	4308F17	4384F20
4138F10	4365F18	4441F21
4174F11	4408F19	4488F21
4186F11	4422F19	4501F22
4197F11	4434F20	4514F22
4209F12	4447F20	4527F23
4220F12	4460F20	4540F23
4232F12	4472F21	4552F23
4244F13	4485F21	4566F24
4297F14	4544F23	4626F25
4358F16	4610F25	4688F27
4420F18	4675F27	4755F29
4482F20	4719^29	4771^32

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-1310**
Wing A/I ON **-1310**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	5016	Length	11453	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.01
Rwy Rev.		Program						Rules	FAA		**02 Jul 20**

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HERMOSILLO -HMO 05 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D2.0 HMO	***900'**	**RT H230**	**1627'**	

*USE ONLY IF HMO DME OTS

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.5	3924^19	4063^21	4106^22	3907^ 9	4063D19	4106D22	4612
46	87.8	3999^20	4143^22	4188^23	3978^ 9	4143D20	4188D23	4725
44	87.9	4060^20	4208^23	4254^24	4035^10	4208D20	4254D23	4829
42	87.8	4107^21	4258^24	4305^25	4080^10	4258D21	4305D24	4935
40	87.7	4139^22	4293^24	4340^25	4112^11	4293D21	4340D24	4957
38	87.4	4148^22	4300^25	4347^25	4122^11	4300D21	4347D25	4960
36	87.2	4156^22	4308^25	4355^26	4132^11	4308D22	4355D25	4962
34	86.9	4164^22	4316^25	4363^26	4141^12	4316D22	4363D25	4964
32	86.6	4172^22	4324^25	4371^26	4152^12	4324D22	4371D26	4966
30	86.3	4180^22	4332^25	4379^26	4161^12	4332D23	4379D26	4968
20	84.9	4222^23	4372^26	4420^27	4210^14	4372D25	4420D28	4976
10	83.4	4258^24	4406^26	4462^28	4256^16	4406D27	4462D29	4970
0	81.9	4302^25	4454^27	4512^28	4302D18	4454D28	4512D30	4980
-10	80.4	4342^25	4499^28	4558^29	4342D20	4499D30	4558D31	4984
-20	78.9	4380^26	4541^29	4599^30	4380D22	4541D30	4599D31	4980
-30	77.3	4418^27	4582^30	4641^31	4418D24	4582D31	4641D32	4978

High QNH **+30** per .10" Engine A/I ON **-500**
Low QNH **-150** per .10" Wing A/I ON **-500**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.6	3976^20	4107^22	4157^23	3954^10	4107D21	4157D24	4613
46	90.9	4054^21	4190^23	4237^24	4027^11	4190D21	4237D24	4726
44	91.0	4128^22	4269^24	4312^25	4095^11	4269D22	4312D25	4832
42	91.0	4199^23	4343^25	4386^26	4161^12	4343D22	4386D25	4937
40	91.0	4263^24	4412^26	4458^27	4222^12	4412D23	4458D26	5039
38	90.7	4322^24	4475^27	4522^28	4278^12	4475D23	4522D26	5071
36	90.4	4371^25	4529^28	4578^29	4326^13	4529D23	4578D26	5071
34	90.1	4412^25	4575^28	4625^29	4366^13	4575D23	4625D27	5071
32	89.8	4432^26	4596^29	4647^30	4387^13	4596D23	4647D27	5071
30	89.6	4441^26	4605^29	4656^30	4398^13	4605D24	4656D27	5071
20	88.0	4486^27	4648^29	4699^30	4451^15	4648D26	4699D29	5071
10	86.5	4524^27	4685^30	4733^31	4499^17	4685D28	4733D31	5071
0	85.0	4571^28	4731^31	4785^32	4556^19	4731D30	4785D33	5071
-10	83.4	4616^29	4775^32	4837^33	4612^21	4775D32	4837D34	5071
-20	81.8	4657^30	4821^32	4884^34	4657D23	4821D34	4884D35	5071
-30	80.2	4699^30	4869^33	4931^34	4699D26	4869D35	4931D36	5071

High QNH **+80** per .10" Engine A/I ON **-550**
Low QNH **-150** per .10" Wing A/I ON **-550**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.6	3976^20-20-31	4107^22-22-33	4157^23-23-33	4210^24-24-34
46	90.9	4054^21-21-32	4190^23-23-34	4237^24-24-35	4292^25-25-35
44	91.0	4128^22-22-33	4269^24-24-35	4312^25-25-36	4369^26-26-37
42	91.0	4199^23-23-34	4343^25-25-36	4386^26-26-37	4441^27-27-38
40	91.0	4263^24-24-35	4412^26-26-37	4458^27-27-38	4508^28-28-39
38	90.7	4322^24-24-36	4475^27-27-38	4522^28-28-39	4570^29-29-40
36	90.4	4371^25-25-37	4529^28-28-39	4578^29-29-40	4626^29-29-40
34	90.1	4412^25-25-37	4575^28-28-40	4625^29-29-40	4674^30-30-41
32	89.8	4432^26-26-38	4596^29-29-40	4647^30-30-41	4696^30-30-41
30	89.6	4441^26-26-38	4605^29-29-40	4656^30-30-41	4705^31-31-42
20	88.0	4486^27-27-38	4648^29-29-41	4699^30-30-41	4747^31-31-42
10	86.5	4524^27-27-39	4685^30-30-41	4733^31-31-42	4793^32-32-43
0	85.0	4571^28-28-40	4731^31-31-42	4785^32-32-43	4849^33-33-44
-10	83.4	4616^29-29-40	4775^32-32-43	4837^33-33-43	4901^34-34-44
-20	81.8	4657^30-30-41	4821^32-32-43	4884^34-34-44	4947^35-35-45
-30	80.2	4699^30-30-41	4869^33-33-44	4931^34-34-45	4995^35-35-46

High QNH **+80** per .10" Engine A/I ON **-550**
Low QNH **-150** per .10" Wing A/I ON **-550**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	627	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.30
Rwy Rev.		Program						Rules	FAA		**19 Dec 16**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3976^20	4107^22	4157^23	3968^19	4099^22	4148^23			
46	4054^21	4190^23	4237^24	4046^21	4181^23	4228^24			
44	4128^22	4269^24	4312^25	4119^22	4259^24	4302^25			
42	4199^23	4343^25	4386^26	4187^22	4331^25	4375^26			
40	4263^24	4412^26	4458^27	4254^23	4404^26	4449^27			
38	4322^24	4475^27	4522^28	4308^24	4462^27	4509^28			
36	4371^25	4529^28	4578^29	4360^25	4519^28	4569^28			
34	4412^25	4575^28	4625^29	4395^25	4557^28	4608^29			
32	4432^26	4596^29	4647^30	4414^25	4577^28	4627^29			
30	4441^26	4605^29	4656^30	4433^26	4596^29	4648^30			
20	4486^27	4648^29	4699^30	4477^26	4641^29	4691^30			
10	4524^27	4685^30	4733^31	4479^27	4636^30	4686^30			
0	4571^28	4731^31	4785^32	4521^27	4675^30	4734^31			
-10	4616^29	4775^32	4837^33	4567^28	4724^31	4785^32			
	High QNH +80 per .10" Low QNH -150 per .10"			High QNH +80 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -550 Wing A/I ON -550			Engine A/I ON -60 Wing A/I ON -60			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3954^10	4107D21	4157D24	3947^10	4099D21	4148D24			
46	4027^11	4190D21	4237D24	4019^11	4181D21	4228D24			
44	4095^11	4269D22	4312D25	4087^11	4259D22	4302D25			
42	4161^12	4343D22	4386D25	4151^12	4331D22	4375D25			
40	4222^12	4412D23	4458D26	4214^12	4404D22	4449D26			
38	4278^12	4475D23	4522D26	4265^12	4462D23	4509D26			
36	4326^13	4529D23	4578D26	4316^12	4519D23	4569D26			
34	4366^13	4575D23	4625D27	4351^13	4557D23	4608D26			
32	4387^13	4596D23	4647D27	4371^13	4577D23	4627D27			
30	4398^13	4605D24	4656D27	4391^13	4596D24	4648D27			
20	4451^15	4648D26	4699D29	4444^15	4641D26	4691D29			
10	4499^17	4685D28	4733D31	4458^17	4636D28	4686D31			
0	4556^19	4731D30	4785D33	4511^19	4675D30	4734D33			
-10	4612^21	4775D32	4837D34	4567D21	4724D32	4785D34			
	High QNH +80 per .10" Low QNH -150 per .10"			High QNH +80 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -550 Wing A/I ON -550			Engine A/I ON -60 Wing A/I ON -60			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3169F94	4211F 1	4406^ 4	3434F97	3792F 6	3964^ 8			
26	3212F94	4239F 1	4417^ 4	3442F97	3811F 6	3987^ 8			
24	3246F95	4267F 1	4430^ 4	3456F97	3829F 6	4009^ 8			
22	3283F95	4296F 2	4443^ 5	3465F98	3847F 6	4033^ 9			
20	3319F95	4323F 2	4455^ 5	3476F98	3867F 7	4056^ 9			
18	3358F95	4353F 2	4466^ 5	3488F98	3885F 7	4083^ 9			
16	3398F96	4381F 3	4478^ 6	3498F99	3906F 7	4106^ 9			
14	3443F96	4394^ 3	4490^ 6	3509F99	3925F 7	4122^10			
12	3496F96	4404^ 3	4500^ 7	3522F99	3947F 8	4136^10			
10	3534F96	4414^ 4	4511^ 7	3532F 0	3967^ 8	4152^10			
0	3757F98	4480^ 5	4551^ 9	3598F 1	4092^ 9	4239^12			
-10	3795F 0	4500^ 8	4556^11	3668F 3	4182^11	4325^14			
-20	3964F 1	4498^10	4554^14	3748F 4	4265^12	4414^15			
-30	4131F 2	4495^13	4550D16	3851^ 6	4353^14	4516F17			
	High QNH +60 per .10" Low QNH -100 per .10"			High QNH +90 per .10" Low QNH -130 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -500 Wing A/I ON -500			Engine A/I ON -420 Wing A/I ON -420			Engine A/I ON Wing A/I ON		

Elevation 627 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.30

Rwy Rev. Program Rules FAA **19 Dec 16**

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HERMOSILLO -HMO 23 *DT H228*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1627'		DT H228	1627'	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.5	4134F23	4384F27	4470F29	4061F 9	4348F18	4449F21	4612
46	87.8	4206F24	4459F28	4546F30	4128F 9	4419F19	4521F22	4725
44	87.9	4265F24	4520F29	4609F31	4184F10	4477F19	4581F22	4829
42	87.8	4311F25	4567F30	4659F31	4228F10	4524F20	4627F23	4935
40	87.7	4343F25	4601F30	4693F32	4260F10	4558F20	4661F23	4957
38	87.4	4354F26	4614F30	4706F32	4272F11	4571F20	4675F24	4960
36	87.2	4365F26	4626F30	4719F32	4282F11	4583F21	4690F24	4962
34	86.9	4376F26	4638F31	4732F32	4295F11	4596F21	4704F24	4964
32	86.6	4387F26	4651F31	4745F33	4307F12	4610F21	4718F25	4966
30	86.3	4398F26	4663F31	4757F33	4319F12	4624F22	4732F25	4968
20	84.9	4454F27	4727F32	4821F34	4382F14	4695F24	4805F27	4976
10	83.4	4510F28	4789F33	4881F35	4444F16	4766F25	4876F29	4970
0	81.9	4573F29	4857F34	4938^36	4513F17	4842F27	4938^31	4980
-10	80.4	4634F31	4897^35	4937^36	4582F19	4896^29	4937D33	4984
-20	78.9	4695F32	4889^35	4931^36	4651F21	4889D32	4931D35	4980
-30	77.3	4752^33	4880^35	4923^35	4725F23	4880D34	4923D36	4978

High QNH **+0** per .10" — Engine A/I ON **-820**
Low QNH **-160** per .10" — Wing A/I ON **-820**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.6	4226F24	4478F29	4564F30	4123F10	4422F20	4523F23	4613
46	90.9	4301F25	4557F30	4644F31	4191F10	4495F20	4599F23	4726
44	91.0	4372F26	4633F31	4722F32	4257F11	4565F21	4671F24	4832
42	91.0	4440F27	4705F32	4796F33	4321F11	4630F21	4740F24	4937
40	91.0	4498F28	4766F33	4860F34	4378F12	4689F22	4799F25	5039
38	90.7	4552F28	4822F33	4917F35	4431F12	4744F22	4855F25	5071
36	90.4	4591F29	4861F34	4954F35	4474F12	4787F22	4897F25	5071
34	90.1	4624F29	4892F34	4990F35	4512F12	4824F22	4934F26	5071
32	89.8	4643F29	4913F34	5011F36	4534F13	4847F23	4956F26	5071
30	89.6	4655F30	4926F34	5024F36	4546F13	4861F23	4971F26	5071
20	88.0	4714F31	4994F35	5071A37	4612F15	4935F25	5049F28	5071
10	86.5	4772F32	5060F37	5071A37	4674F17	5007F27	5071A30	5071
0	85.0	4838F33	5071A37	5071A37	4747F19	5071A29	5071A33	5071
-10	83.4	4901F34	5071A37	5071A37	4820F21	5071A31	5071A35	5071
-20	81.8	4966F35	5071A37	5071A37	4894F23	5071A34	5071A37	5071
-30	80.2	5034F36	5071A37	5071A37	4970F25	5071A36	5071A37	5071

High QNH **+0** per .10" — Engine A/I ON **-440**
Low QNH **-160** per .10" — Wing A/I ON **-440**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.6	4226F24-24-34	4478F29-29-38	4564F30-30-39	4609^31-31-40
46	90.9	4301F25-25-36	4557F30-30-39	4644F31-31-41	4719^33-33-42
44	91.0	4372F26-26-37	4633F31-31-40	4722F32-32-42	4812F34-34-43
42	91.0	4440F27-27-38	4705F32-32-42	4796F33-33-43	4886F35-35-44
40	91.0	4498F28-28-39	4766F33-33-42	4860F34-34-44	4951F36-36-45
38	90.7	4552F28-28-39	4822F33-33-43	4917F35-35-45	5010F36-36-46
36	90.4	4591F29-29-40	4861F34-34-44	4954F35-35-45	5053F37-37-47
34	90.1	4624F29-29-40	4892F34-34-44	4990F35-35-46	5071A37-37-47
32	89.8	4643F29-29-41	4913F34-34-45	5011F36-36-46	5071A37-37-47
30	89.6	4655F30-30-41	4926F34-34-45	5024F36-36-46	5071A37-37-47
20	88.0	4714F31-31-42	4994F35-35-46	5071A37-37-47	5071A37-37-47
10	86.5	4772F32-32-42	5060F37-37-47	5071A37-37-47	5071A37-37-47
0	85.0	4838F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.4	4901F34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	81.8	4966F35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.2	5034F36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" — Engine A/I ON **-440**
Low QNH **-160** per .10" — Wing A/I ON **-440**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 627 Length 7545 Shift **0** Clearway 0 Stopway 0 Slope -0.30
Rwy Rev. Program Rules FAA **17 May 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4226F24	4478F29	4564F30	4215F24	4466F29	4552F30			
46	4301F25	4557F30	4644F31	4289F25	4545F30	4632F31			
44	4372F26	4633F31	4722F32	4358F26	4618F31	4707F32			
42	4440F27	4705F32	4796F33	4421F27	4685F32	4777F33			
40	4498F28	4766F33	4860F34	4486F28	4753F32	4847F34			
38	4552F28	4822F33	4917F35	4531F28	4799F33	4893F34			
36	4591F29	4861F34	4954F35	4576F29	4845F33	4940F35			
34	4624F29	4892F34	4990F35	4607F29	4877F34	4972F35			
32	4643F29	4913F34	5011F36	4625F29	4894F34	4991F35			
30	4655F30	4926F34	5024F36	4643F29	4914F34	5011F36			
20	4714F31	4994F35	5071A37	4703F30	4982F35	5071A37			
10	4772F32	5060F37	5071A37	4733F31	5019F36	5071A37			
0	4838F33	5071A37	5071A37	4795F32	5071A37	5071A37			
-10	4901F34	5071A37	5071A37	4860F33	5071A37	5071A37			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-440** Wing A/I ON **-440**			Engine A/I ON **-30** Wing A/I ON **-30**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4123F10	4422F20	4523F23	4115F10	4413F19	4514F23			
46	4191F10	4495F20	4599F23	4184F10	4485F20	4589F23			
44	4257F11	4565F21	4671F24	4247F11	4553F21	4659F24			
42	4321F11	4630F21	4740F24	4308F11	4615F21	4724F24			
40	4378F12	4689F22	4799F25	4369F12	4679F22	4789F25			
38	4431F12	4744F22	4855F25	4416F12	4727F22	4837F25			
36	4474F12	4787F22	4897F25	4464F12	4775F22	4885F25			
34	4512F12	4824F22	4934F26	4498F12	4809F22	4919F26			
32	4534F13	4847F23	4956F26	4518F13	4830F23	4941F26			
30	4546F13	4861F23	4971F26	4538F13	4852F23	4961F26			
20	4612F15	4935F25	5049F28	4604F15	4925F25	5039F28			
10	4674F17	5007F27	5071A30	4637F17	4969F27	5071A30			
0	4747F19	5071A29	5071A33	4707F19	5049F29	5071A32			
-10	4820F21	5071A31	5071A35	4782F21	5071A31	5071A35			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-410** Wing A/I ON **-410**			Engine A/I ON **-40** Wing A/I ON **-40**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4141F 1	4432F 3	3506F96	3895F 5	4101F 7			
26		4168F 1	4460F 3	3518F96	3915F 5	4116F 7			
24	2785F95	4199F 1	4487F 3	3529F96	3936F 5	4134F 7			
22	3015F95	4230F 1	4515F 4	3542F97	3957F 5	4151F 8			
20	3168F94	4258F 2	4543F 4	3554F97	3981F 6	4167F 8			
18	3211F95	4290F 2	4556^ 4	3563F97	4003F 6	4181F 8			
16	3257F95	4321F 2	4556^ 5	3575F98	4027F 6	4199F 9			
14	3322F95	4347F 2	4554^ 5	3586F98	4050F 6	4214F 9			
12	3364F96	4382F 3	4551^ 6	3600F98	4078F 6	4229F 9			
10	3411F96	4414F 3	4550^ 6	3611F99	4101F 7	4245F10			
0	3652F97	4504^ 5	4559^ 8	3685F 0	4189F 8	4334F11			
-10	3698F99	4507^ 7	4563^11	3745F 1	4275F10	4419F13			
-20	3876F 1	4503^ 9	4559^13	3866F 4	4360F12	4497^15			
-30	4054F 2	4498^12	4556^16	3965F 5	4437^14	4536^17			
	High QNH **+50** per .10" Low QNH **-80** per .10"			High QNH **+90** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-670** Wing A/I ON **-670**			Engine A/I ON **-490** Wing A/I ON **-490**			Engine A/I ON Wing A/I ON		

Elevation	627	Length	7545	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.30
Rwy Rev.		Program						Rules	FAA		**17 May 17**

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LA PAZ/MEXICO -LAP 18 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D8.7 LAP	**1069'**	**RT H220**	**1069'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4214^24	4373^27	4429^28	4187^14	4373D24	4429D27	4715
46	87.7	4297^25	4461^28	4519^29	4265^14	4461D24	4519D27	4834
44	87.6	4347^26	4513^29	4571^30	4312^15	4513D25	4571D28	4895
42	87.4	4365^26	4532^29	4590^30	4331^15	4532D25	4590D28	4946
40	87.2	4381^26	4548^29	4607^30	4348^15	4548D25	4607D28	4959
38	86.9	4389^26	4556^29	4615^30	4357^16	4556D26	4615D29	4961
36	86.6	4397^26	4565^29	4624^30	4367^16	4565D26	4624D29	4962
34	86.3	4405^26	4574^30	4633^31	4377^16	4574D26	4633D30	4964
32	86.1	4413^27	4582^30	4641^31	4387^17	4582D27	4641D30	4966
30	85.8	4422^27	4592^30	4651^31	4397^17	4592D27	4651D30	4968
20	84.4	4466^28	4637^31	4695^32	4449^19	4637D29	4695D32	4976
10	82.9	4504^28	4676^31	4734^32	4497^21	4676D31	4734D33	4972
0	81.4	4550^29	4722^32	4780^33	4550D23	4722D33	4780D34	4984
-10	79.9	4590^30	4763^33	4822^34	4590D25	4763D34	4822D35	4987
-20	78.4	4630^30	4800^33	4860^34	4630D27	4800D34	4860D35	4985
-30	76.8	4666^31	4837^34	4896^35	4666D29	4837D35	4896D36	4983

High QNH **+60** per .10" Engine A/I ON **-600**
Low QNH **-160** per .10" Wing A/I ON **-600**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4271^25	4429^28	4482^29	4238^15	4429D25	4482D28	4716
46	90.9	4358^26	4520^29	4574^30	4317^16	4520D26	4574D29	4835
44	90.8	4437^27	4602^30	4659^31	4391^16	4602D26	4659D30	4941
42	90.5	4511^28	4679^31	4739^32	4460^17	4679D27	4739D30	5044
40	90.3	4569^29	4740^32	4801^33	4515^17	4740D27	4801D30	5071
38	90.0	4622^29	4796^32	4857^33	4569^17	4796D27	4857D30	5071
36	89.7	4673^30	4849^33	4911^34	4621^17	4849D27	4911D30	5071
34	89.4	4706^30	4881^33	4944^34	4653^17	4881D27	4944D31	5071
32	89.2	4716^31	4893^34	4956^35	4665^18	4893D28	4956D31	5071
30	88.9	4725^31	4902^34	4966^35	4676^18	4902D28	4966D31	5071
20	87.4	4771^31	4953^35	5017^36	4728^20	4953D30	5017D33	5071
10	85.9	4814^32	4997^35	5061^36	4780^22	4997D32	5061D36	5071
0	84.3	4864^33	5050^36	5071A36	4842^24	5050D34	5071A36	5071
-10	82.8	4911^34	5071A36	5071A36	4900^26	5071A36	5071A36	5071
-20	81.2	4955^35	5071A36	5071A36	4955D28	5071A36	5071A36	5071
-30	79.6	4998^35	5071A36	5071A36	4998D30	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **-550**
Low QNH **-160** per .10" Wing A/I ON **-550**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4271^25-25-35	4429^28-28-37	4482^29-29-38	4537^30-30-39
46	90.9	4358^26-26-36	4520^29-29-39	4574^30-30-40	4630^31-31-40
44	90.8	4437^27-27-38	4602^30-30-40	4659^31-31-41	4718^32-32-42
42	90.5	4511^28-28-39	4679^31-31-41	4739^32-32-42	4797^33-33-43
40	90.3	4569^29-29-40	4740^32-32-42	4801^33-33-43	4862^34-34-44
38	90.0	4622^29-29-40	4796^32-32-43	4857^33-33-44	4920^34-34-45
36	89.7	4673^30-30-41	4849^33-33-44	4911^34-34-44	4976^35-35-45
34	89.4	4706^30-30-42	4881^33-33-44	4944^34-34-45	5009^36-36-46
32	89.2	4716^31-31-42	4893^34-34-44	4956^35-35-45	5021^36-36-46
30	88.9	4725^31-31-42	4902^34-34-44	4966^35-35-45	5032^36-36-46
20	87.4	4771^31-31-42	4953^35-35-45	5017^36-36-46	5071A36-36-47
10	85.9	4814^32-32-43	4997^35-35-46	5061^36-36-47	5071A37-37-47
0	84.3	4864^33-33-44	5050^36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	4911^34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	4955^35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	4998^35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **-550**
Low QNH **-160** per .10" Wing A/I ON **-550**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 69 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **28 Oct 15**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4271^25	4429^28	4482^29	4262^25	4420^28	4473^29			
46	4358^26	4520^29	4574^30	4348^26	4510^29	4565^30			
44	4437^27	4602^30	4659^31	4425^27	4590^30	4647^31			
42	4511^28	4679^31	4739^32	4492^28	4660^31	4720^32			
40	4569^29	4740^32	4801^33	4559^29	4730^32	4791^33			
38	4622^29	4796^32	4857^33	4611^29	4785^32	4846^33			
36	4673^30	4849^33	4911^34	4665^30	4839^33	4901^34			
34	4706^30	4881^33	4944^34	4695^30	4870^33	4933^34			
32	4716^31	4893^34	4956^35	4706^30	4882^33	4945^34			
30	4725^31	4902^34	4966^35	4716^31	4893^34	4956^35			
20	4771^31	4953^35	5017^36	4762^31	4943^34	5008^35			
10	4814^32	4997^35	5061^36	4772^32	4953^35	5017^36			
0	4864^33	5050^36	5071A36	4810^32	4992^35	5055^36			
-10	4911^34	5071A36	5071A36	4853^33	5036^36	5071A37			
	High QNH +0 per .10" Low QNH -160 per .10"			High QNH +90 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -550 Wing A/I ON -550			Engine A/I ON -110 Wing A/I ON -110			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4238^15	4429D25	4482D28	4231^15	4420D25	4473D28			
46	4317^16	4520D26	4574D29	4310^16	4510D26	4565D29			
44	4391^16	4602D26	4659D30	4381^16	4590D26	4647D29			
42	4460^17	4679D27	4739D30	4444^16	4660D26	4720D30			
40	4515^17	4740D27	4801D30	4507^17	4730D27	4791D30			
38	4569^17	4796D27	4857D30	4560^17	4785D27	4846D30			
36	4621^17	4849D27	4911D30	4613^17	4839D27	4901D30			
34	4653^17	4881D27	4944D31	4645^17	4870D27	4933D31			
32	4665^18	4893D28	4956D31	4657^18	4882D28	4945D31			
30	4676^18	4902D28	4966D31	4669^18	4893D28	4956D31			
20	4728^20	4953D30	5017D33	4721^20	4943D30	5008D33			
10	4780^22	4997D32	5061D36	4742^22	4953D32	5017D35			
0	4842^24	5050D34	5071A36	4792^24	4992D34	5055D37			
-10	4900^26	5071A36	5071A36	4848^26	5036D36	5071A37			
	High QNH +0 per .10" Low QNH -160 per .10"			High QNH +90 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -550 Wing A/I ON -550			Engine A/I ON -110 Wing A/I ON -110			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4440F 6	4531F 9	3703F 0	4145F 8	4278^11			
26		4452F 6	4544F 9	3715F 1	4161F 9	4293^11			
24		4463F 6	4556F10	3728F 1	4177F 9	4308^12			
22		4476F 7	4569F10	3739F 1	4191F 9	4324^12			
20		4488F 7	4582F10	3752F 1	4207F 9	4339^12			
18	2728F 3	4500F 7	4594F11	3764F 2	4222F10	4352^13			
16	2906F 3	4511F 8	4603^11	3775F 2	4237F10	4367^13			
14	3054F 3	4521F 8	4613^11	3790F 2	4252F10	4382^13			
12	3197F 3	4534F 9	4623^12	3805F 3	4269F11	4398^14			
10	3326F 3	4546F 9	4632^12	3820F 3	4283^11	4414^14			
0	4022F 2	4615F11	4693^14	3900F 5	4365^13	4497^16			
-10	4222F 3	4674^13	4751^17	3982F 6	4443^14	4577^17			
-20		4730^15	4815^19	4091F 8	4516^16	4605^18			
-30		4789^18	4881^21	4195F 9	4542^17	4594^18			
	High QNH +90 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -130 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -520 Wing A/I ON -520			Engine A/I ON -500 Wing A/I ON -500			Engine A/I ON Wing A/I ON		

Elevation 69 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.00

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LA PAZ/MEXICO -LAP 36 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.1 LAP	**1069'**	**LT H170**	**1069'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4328F26	4578F30	4661^32	4254F13	4548F23	4651F26	4715
46	87.7	4405F27	4660F31	4748F33	4327F14	4625F23	4728F26	4834
44	87.6	4452F27	4710F32	4799F34	4372F14	4674F24	4778F27	4895
42	87.4	4471F28	4730F32	4819F34	4391F15	4694F24	4799F27	4946
40	87.2	4488F28	4748F33	4838F34	4409F15	4714F24	4819F27	4959
38	86.9	4498F28	4760F33	4850F34	4421F15	4727F25	4832F28	4961
36	86.6	4509F28	4771F33	4862F35	4433F16	4740F25	4846F28	4962
34	86.3	4519F29	4783F33	4874F35	4445F16	4753F25	4860F28	4964
32	86.1	4530F29	4796F33	4885F35	4458F16	4767F26	4875F29	4966
30	85.8	4542F29	4808F34	4898F35	4471F17	4781F26	4889F29	4968
20	84.4	4601F30	4871F35	4938^36	4536F18	4853F28	4938^31	4976
10	82.9	4661F31	4894^35	4932^36	4602F20	4893^30	4932D33	4972
0	81.4	4724F32	4899^35	4938^36	4673F22	4899D32	4938D36	4984
-10	79.9	4774^33	4896^35	4937^36	4743F24	4896D35	4937D36	4987
-20	78.4	4763^33	4888^35	4930^36	4761^26	4888D35	4930D36	4985
-30	76.8	4748^33	4878^35	4922^35	4748D29	4878D35	4922D36	4983

High QNH **+0** per .10" Engine A/I ON **-850**
Low QNH **-160** per .10" Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4429F28	4640^31	4673^32	4326F15	4630F24	4673^28	4716
46	90.9	4509F29	4754^33	4788^34	4400F15	4709F25	4785^28	4835
44	90.8	4582F30	4844F34	4894^35	4469F16	4783F25	4891^28	4941
42	90.5	4653F31	4917F35	5000^36	4534F16	4852F26	4960F29	5044
40	90.3	4695F31	4963F36	5056F37	4580F16	4899F26	5009F29	5071
38	90.0	4735F31	5007F36	5071A37	4622F17	4944F26	5054F29	5071
36	89.7	4773F32	5048F36	5071A37	4665F17	4987F26	5071A30	5071
34	89.4	4799F32	5071A37	5071A37	4694F17	5016F27	5071A30	5071
32	89.2	4811F32	5071A37	5071A37	4709F17	5032F27	5071A31	5071
30	88.9	4823F32	5071A37	5071A37	4722F18	5047F27	5071A31	5071
20	87.4	4884F33	5071A36	5071A36	4791F20	5071A30	5071A33	5071
10	85.9	4946F34	5071A37	5071A37	4859F21	5071A32	5071A36	5071
0	84.3	5016F36	5071A36	5071A36	4935F23	5071A34	5071A36	5071
-10	82.8	5071A36	5071A36	5071A36	5010F25	5071A36	5071A36	5071
-20	81.2	5071A36	5071A36	5071A36	5071A27	5071A36	5071A36	5071
-30	79.6	5071A36	5071A36	5071A36	5071A30	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4429F28-28-37	4640^31-31-41	4673^32-32-41	4705^33-33-42
46	90.9	4509F29-29-39	4754^33-33-42	4788^34-34-43	4821^34-34-43
44	90.8	4582F30-30-40	4844F34-34-44	4894^35-35-44	4928^36-36-45
42	90.5	4653F31-31-41	4917F35-35-45	5000^36-36-46	5034^37-37-46
40	90.3	4695F31-31-41	4963F36-36-45	5056F37-37-47	5071A37-37-47
38	90.0	4735F31-31-42	5007F36-36-46	5071A37-37-47	5071A37-37-47
36	89.7	4773F32-32-42	5048F36-36-46	5071A37-37-47	5071A37-37-47
34	89.4	4799F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.2	4811F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.9	4823F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.4	4884F33-33-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.9	4946F34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.3	5016F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 69 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.00
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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4429F28	4640^31	4673^32	4417F28	4632^31	4666^32			
46	4509F29	4754^33	4788^34	4496F29	4747^33	4780^33			
44	4582F30	4844F34	4894^35	4564F29	4825F34	4886^35			
42	4653F31	4917F35	5000^36	4623F30	4886F35	4978F36			
40	4695F31	4963F36	5056F37	4682F31	4950F35	5043F37			
38	4735F31	5007F36	5071A37	4721F31	4992F36	5071A37			
36	4773F32	5048F36	5071A37	4760F31	5034F36	5071A37			
34	4799F32	5071A37	5071A37	4785F32	5062F36	5071A37			
32	4811F32	5071A37	5071A37	4798F32	5071A37	5071A37			
30	4823F32	5071A37	5071A37	4811F32	5071A37	5071A37			
20	4884F33	5071A36	5071A36	4873F33	5071A37	5071A37			
10	4946F34	5071A37	5071A37	4911F34	5071A37	5071A37			
0	5016F36	5071A36	5071A36	4973F35	5071A37	5071A37			
-10	5071A36	5071A36	5071A36	5034F36	5071A37	5071A37			
	High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4326F15	4630F24	4673^28	4317F15	4620F24	4665^27			
46	4400F15	4709F25	4785^28	4391F15	4698F25	4777^28			
44	4469F16	4783F25	4891^28	4456F16	4768F25	4876F28			
42	4534F16	4852F26	4960F29	4513F16	4828F26	4935F29			
40	4580F16	4899F26	5009F29	4570F16	4889F26	4997F29			
38	4622F17	4944F26	5054F29	4614F17	4933F26	5041F29			
36	4665F17	4987F26	5071A30	4656F17	4976F26	5071A29			
34	4694F17	5016F27	5071A30	4685F17	5004F27	5071A30			
32	4709F17	5032F27	5071A31	4699F17	5020F27	5071A30			
30	4722F18	5047F27	5071A31	4713F18	5036F27	5071A31			
20	4791F20	5071A30	5071A33	4782F19	5071A29	5071A33			
10	4859F21	5071A32	5071A36	4825F21	5071A32	5071A35			
0	4935F23	5071A34	5071A36	4894F23	5071A34	5071A37			
-10	5010F25	5071A36	5071A36	4968F25	5071A36	5071A37			
	High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4440F 6	4531F 9	3703F 0	4145F 8	4280F11			
26		4452F 6	4544F 9	3715F 1	4161F 9	4295F11			
24		4463F 6	4556F10	3728F 1	4177F 9	4311F12			
22		4476F 7	4569F10	3739F 1	4191F 9	4326F12			
20		4488F 7	4582F10	3752F 1	4207F 9	4341F12			
18	2728F 3	4500F 7	4594F11	3764F 2	4222F10	4357F13			
16	2906F 3	4511F 8	4607F11	3775F 2	4237F10	4372F13			
14	3054F 3	4521F 8	4619F11	3790F 2	4252F10	4388F13			
12	3197F 3	4534F 9	4631F12	3805F 3	4269F11	4404F14			
10	3326F 3	4546F 9	4644F12	3820F 3	4285F11	4420F14			
0	4022F 2	4615F11	4716F14	3900F 5	4368F13	4506F16			
-10	4222F 3	4684F13	4788F16	3982F 6	4450F14	4577^17			
-20		4753F15	4862F19	4091F 8	4516^16	4605^18			
-30		4826F17	4937F21	4195F 9	4542^17	4594^18			
	High QNH **+90** per .10" Low QNH **-100** per .10"			High QNH **+80** per .10" Low QNH **-130** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-470** Wing A/I ON **-470**			Engine A/I ON **-550** Wing A/I ON **-550**			Engine A/I ON Wing A/I ON		

Elevation 69 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.00

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		6956'		**RT H160**	**6956'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	88.7	4006^22	4088^23	4116^24	4006D21	4088D24	4116D24	4165
36	89.0	4087^23	4170^25	4198^25	4087D22	4170D25	4198D25	4248
34	89.2	4165^24	4249^26	4276^26	4165D22	4249D26	4276D26	4326
32	89.5	4242^25	4327^27	4355^27	4242D22	4327D27	4355D28	4404
30	89.7	4323^27	4407^28	4436^29	4323D23	4407D28	4436D29	4485
28	89.8	4404^28	4490^29	4519^30	4404D23	4490D29	4519D30	4570
26	89.9	4486^29	4573^31	4602^31	4486^23	4573D31	4602D31	4655
24	90.0	4566^30	4654^32	4683^32	4564^24	4654D32	4683D32	4739
22	90.1	4606^31	4694^32	4724^33	4603^24	4694D32	4724D33	4774
20	90.2	4607^31	4696^32	4725^33	4605^25	4696D32	4725D33	4779
18	89.9	4607^31	4697^32	4726^33	4606^25	4697D32	4726D33	4781
16	89.6	4607^31	4698^32	4727^33	4607^26	4698D32	4727D33	4782
10	88.7	4608^31	4699^32	4730^33	4608D27	4699D32	4730D33	4786
0	87.1	4601^31	4696^32	4727^33	4601D29	4696D32	4727D33	4788
-10	85.5	4588^30	4685^32	4718^33	4588D30	4685D32	4718D33	4781
-20	83.9	4580^30	4681^32	4714^33	4580D30	4681D32	4714D33	4782

High QNH **+100** per .10" Engine A/I ON **-3960**
Low QNH **-170** per .10" Wing A/I ON **-3960**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	93.8	4017^22	4098^24	4125^24	4017D22	4098D24	4125D24	4166
36	93.8	4098^23	4180^25	4207^25	4098D23	4180D25	4207D25	4249
34	93.8	4177^24	4259^26	4287^27	4177D24	4259D26	4287D27	4328
32	93.8	4255^26	4338^27	4365^28	4255D24	4338D27	4365D28	4406
30	93.7	4334^27	4419^28	4448^29	4334D24	4419D28	4448D29	4487
28	93.7	4417^28	4502^30	4531^30	4417D25	4502D30	4531D30	4572
26	93.6	4499^29	4585^31	4614^31	4499D25	4585D31	4614D31	4656
24	93.6	4581^30	4668^32	4697^32	4580^26	4668D32	4697D33	4742
22	93.5	4622^31	4710^32	4739^33	4622^26	4710D33	4739D33	4777
20	93.5	4626^31	4714^33	4743^33	4626D27	4714D33	4743D33	4782
18	93.2	4626^31	4714^33	4744^33	4626D28	4714D33	4744D33	4783
16	92.9	4626^31	4715^33	4744^33	4626D28	4715D33	4744D33	4784
10	92.0	4626^31	4716^33	4746^33	4626D30	4716D33	4746D33	4788
0	90.3	4619^31	4712^32	4743^33	4619D31	4712D33	4743D33	4789
-10	88.7	4605^31	4701^32	4733^33	4605D31	4701D32	4733D33	4782
-20	87.0	4598^31	4697^32	4730^33	4598D31	4697D32	4730D33	4783

High QNH **+100** per .10" Engine A/I ON **-3990**
Low QNH **-170** per .10" Wing A/I ON **-3990**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
38	93.8	4017^22-22-31	4098^24-24-33	4125^24-24-33	4152^25-25-33
36	93.8	4098^23-23-33	4180^25-25-34	4207^25-25-34	4234^26-26-35
34	93.8	4177^24-24-34	4259^26-26-35	4287^27-27-35	4314^27-27-36
32	93.8	4255^26-26-35	4338^27-27-36	4365^28-28-37	4394^28-28-37
30	93.7	4334^27-27-36	4419^28-28-37	4448^29-29-38	4475^29-29-38
28	93.7	4417^28-28-37	4502^30-30-39	4531^30-30-39	4559^31-31-40
26	93.6	4499^29-29-39	4585^31-31-40	4614^31-31-40	4643^32-32-41
24	93.6	4581^30-30-40	4668^32-32-41	4697^32-32-42	4726^33-33-42
22	93.5	4622^31-31-40	4710^32-32-42	4739^33-33-42	4768^33-33-43
20	93.5	4626^31-31-40	4714^33-33-42	4743^33-33-42	4773^34-34-43
18	93.2	4626^31-31-41	4714^33-33-42	4744^33-33-42	4774^34-34-43
16	92.9	4626^31-31-41	4715^33-33-42	4744^33-33-42	4774^34-34-43
10	92.0	4626^31-31-40	4716^33-33-42	4746^33-33-42	4777^34-34-43
0	90.3	4619^31-31-40	4712^32-32-42	4743^33-33-42	4774^34-34-43
-10	88.7	4605^31-31-40	4701^32-32-42	4733^33-33-42	4766^33-33-43
-20	87.0	4598^31-31-40	4697^32-32-42	4730^33-33-42	4763^33-33-42

High QNH **+100** per .10" Engine A/I ON **-3990**
Low QNH **-170** per .10" Wing A/I ON **-3990**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 5956 Length 11486 Shift **0** Clearway 0 Stopway 0 Slope -0.49
Rwy Rev. Program Rules FAA **21 Mar 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
38	4017^22	4098^24	4125^24	4010^22	4092^24	4119^24			
36	4098^23	4180^25	4207^25	4091^23	4174^25	4200^25			
34	4177^24	4259^26	4287^27	4170^24	4253^26	4281^26			
32	4255^26	4338^27	4365^28	4249^26	4332^27	4360^28			
30	4334^27	4419^28	4448^29	4328^27	4414^28	4442^29			
28	4417^28	4502^30	4531^30	4410^28	4496^29	4525^30			
26	4499^29	4585^31	4614^31	4488^29	4573^31	4602^31			
24	4581^30	4668^32	4697^32	4547^30	4634^31	4663^32			
22	4622^31	4710^32	4739^33	4603^31	4691^32	4720^33			
20	4626^31	4714^33	4743^33	4620^31	4707^32	4737^33			
18	4626^31	4714^33	4744^33	4620^31	4708^32	4738^33			
16	4626^31	4715^33	4744^33	4620^31	4709^32	4738^33			
10	4626^31	4716^33	4746^33	4225^25	4314^27	4343^27			
0	4619^31	4712^32	4743^33	4549^30	4642^32	4673^32			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-3990** Wing A/I ON **-3990**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
38	4017D22	4098D24	4125D24	4010D22	4092D24	4119D24			
36	4098D23	4180D25	4207D25	4091D23	4174D25	4200D25			
34	4177D24	4259D26	4287D27	4170D23	4253D26	4281D27			
32	4255D24	4338D27	4365D28	4249D24	4332D27	4360D28			
30	4334D24	4419D28	4448D29	4328D24	4414D28	4442D29			
28	4417D25	4502D30	4531D30	4410D25	4496D30	4525D30			
26	4499D25	4585D31	4614D31	4488D25	4573D31	4602D31			
24	4580^26	4668D32	4697D33	4547D26	4634D32	4663D32			
22	4622^26	4710D33	4739D33	4603^26	4691D32	4720D33			
20	4626D27	4714D33	4743D33	4620D27	4707D33	4737D33			
18	4626D28	4714D33	4744D33	4620D28	4708D33	4738D33			
16	4626D28	4715D33	4744D33	4620D28	4709D33	4738D33			
10	4626D30	4716D33	4746D33	4225D25	4314D27	4343D27			
0	4619D31	4712D33	4743D33	4549D30	4642D32	4673D32			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-3990** Wing A/I ON **-3990**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4191F 1	4426F10	4483^13	3910F 6	4120F14	4189F17			
26	4253F 2	4491F10	4563^13	3974F 6	4185F14	4257F17			
24	4316F 2	4557F11	4639F14	4040F 7	4254F15	4326F18			
22	4362F 3	4606F11	4687^14	4090F 7	4310F16	4385F18			
20	4388F 3	4636F12	4693^15	4122F 8	4349F16	4426F19			
18	4400F 3	4649F12	4695^16	4133F 8	4360F17	4438F19			
16	4413F 4	4662^13	4697^16	4144F 9	4373F17	4451F20			
14	4425F 4	4663^13	4699^17	4155F 9	4385F18	4463F20			
12	4438F 5	4664^14	4700^17	4167F 9	4398F18	4476F21			
10	4451F 5	4666^14	4702^18	4178F10	4410F18	4488F21			
0	4513F 7	4668^17	4706^20	4232F12	4470F20	4551F23			
-10	4551^ 9	4665^19	4703^23	4289F13	4534F22	4614F25			
-20	4550^12	4667^22	4706^25	4349F15	4598F24	4665^27			
-30	4539^14	4661^25	4702^28	4409F17	4624^26	4670^30			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-3790** Wing A/I ON **-3790**			Engine A/I ON **-1780** Wing A/I ON **-1780**			Engine A/I ON Wing A/I ON		

Elevation 5956 Length 11486 Shift **0** Clearway 0 Stopway 0 Slope -0.49

Rwy Rev. Program Rules FAA **21 Mar 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		6956'		**LT H230**	**6956'**	

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
38	88.7	3996^22	4078^23	4106^24	3996D21	4078D23	4106D24	4165
36	89.0	4076^23	4159^24	4187^25	4076D22	4159D25	4187D25	4248
34	89.2	4154^24	4238^26	4266^26	4154D22	4238D26	4266D26	4326
32	89.5	4231^25	4316^27	4344^27	4231D23	4316D27	4344D27	4404
30	89.7	4311^26	4397^28	4425^28	4311D23	4397D28	4425D29	4485
28	89.8	4392^28	4479^29	4507^30	4392^23	4479D29	4507D30	4570
26	89.9	4474^29	4561^30	4590^31	4472^24	4561D30	4590D31	4655
24	90.0	4553^30	4642^31	4671^32	4550^24	4642D32	4671D32	4739
22	90.1	4593^30	4682^32	4712^33	4590^25	4682D32	4712D33	4774
20	90.2	4594^30	4684^32	4713^33	4592^25	4684D32	4713D33	4779
18	89.9	4594^30	4685^32	4714^33	4593^25	4685D32	4714D33	4781
16	89.6	4595^30	4685^32	4716^33	4594^26	4685D32	4716D33	4782
10	88.7	4595^30	4687^32	4718^33	4595D27	4687D32	4718D33	4786
0	87.1	4589^30	4684^32	4716^33	4589D30	4684D32	4716D33	4788
-10	85.5	4576^30	4674^32	4706^32	4576D30	4674D32	4706D33	4781
-20	83.9	4568^30	4669^32	4703^32	4568D30	4669D32	4703D32	4782

High QNH **+100** per .10" — Engine A/I ON **-3930**
Low QNH **-170** per .10" — Wing A/I ON **-3930**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
38	93.8	4007^22	4089^23	4116^24	4007D22	4089D24	4116D24	4166
36	93.8	4088^23	4170^25	4198^25	4088D23	4170D25	4198D25	4249
34	93.8	4166^24	4250^26	4277^26	4166D24	4250D26	4277D26	4328
32	93.8	4244^25	4328^27	4356^28	4244D25	4328D27	4356D28	4406
30	93.7	4324^27	4409^28	4437^29	4324D25	4409D28	4437D29	4487
28	93.7	4407^28	4491^29	4520^30	4407D25	4491D30	4520D30	4572
26	93.6	4488^29	4574^31	4603^31	4488D26	4574D31	4603D31	4656
24	93.6	4569^30	4657^32	4686^32	4569^26	4657D32	4686D32	4742
22	93.5	4611^31	4699^32	4728^33	4611D27	4699D32	4728D33	4777
20	93.5	4615^31	4703^32	4733^33	4615D28	4703D32	4733D33	4782
18	93.2	4615^31	4704^32	4733^33	4615D28	4704D33	4733D33	4783
16	92.9	4615^31	4704^32	4734^33	4615D29	4704D33	4734D33	4784
10	92.0	4615^31	4706^32	4736^33	4615D30	4706D33	4736D33	4788
0	90.3	4608^31	4702^32	4733^33	4608D31	4702D32	4733D33	4789
-10	88.7	4595^30	4691^32	4723^33	4595D31	4691D32	4723D33	4782
-20	87.0	4587^30	4687^32	4720^33	4587D30	4687D32	4720D33	4783

High QNH **+100** per .10" — Engine A/I ON **-3970**
Low QNH **-170** per .10" — Wing A/I ON **-3970**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
38	93.8	4007^22-22-31	4089^23-23-32	4116^24-24-33	4143^24-24-33
36	93.8	4088^23-23-32	4170^25-25-34	4198^25-25-34	4225^26-26-35
34	93.8	4166^24-24-34	4250^26-26-35	4277^26-26-35	4305^27-27-36
32	93.8	4244^25-25-35	4328^27-27-36	4356^28-28-36	4384^28-28-37
30	93.7	4324^27-27-36	4409^28-28-37	4437^29-29-38	4466^29-29-38
28	93.7	4407^28-28-37	4491^29-29-39	4520^30-30-39	4549^30-30-39
26	93.6	4488^29-29-38	4574^31-31-40	4603^31-31-40	4632^32-32-41
24	93.6	4569^30-30-40	4657^32-32-41	4686^32-32-41	4715^33-33-42
22	93.5	4611^31-31-40	4699^32-32-42	4728^33-33-42	4757^33-33-42
20	93.5	4615^31-31-40	4703^32-32-42	4733^33-33-42	4762^33-33-42
18	93.2	4615^31-31-40	4704^32-32-42	4733^33-33-42	4763^33-33-42
16	92.9	4615^31-31-40	4704^32-32-42	4734^33-33-42	4764^33-33-42
10	92.0	4615^31-31-40	4706^32-32-42	4736^33-33-42	4766^33-33-43
0	90.3	4608^31-31-40	4702^32-32-42	4733^33-33-42	4764^33-33-42
-10	88.7	4595^30-30-40	4691^32-32-41	4723^33-33-42	4755^33-33-42
-20	87.0	4587^30-30-40	4687^32-32-41	4720D33-33-42	4753^33-33-42

High QNH **+100** per .10" — Engine A/I ON **-3970**
Low QNH **-170** per .10" — Wing A/I ON **-3970**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 5956 Length 11486 Shift **0** Clearway 0 Stopway 0 Slope +0.49
Rwy Rev. Program Rules FAA **21 Mar 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
38	4007^22	4089^23	4116^24
36	4088^23	4170^25	4198^25
34	4166^24	4250^26	4277^26
32	4244^25	4328^27	4356^28
30	4324^27	4409^28	4437^29
28	4407^28	4491^29	4520^30
26	4488^29	4574^31	4603^31
24	4569^30	4657^32	4686^32
22	4611^31	4699^32	4728^33
20	4615^31	4703^32	4733^33
18	4615^31	4704^32	4733^33
16	4615^31	4704^32	4734^33
10	4615^31	4706^32	4736^33
0	4608^31	4702^32	4733^33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-3970**
Wing A/I ON **-3970**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
38	4001^22	4082^23	4110^24
36	4081^23	4164^25	4191^25
34	4160^24	4243^26	4271^26
32	4238^25	4322^27	4350^27
30	4318^27	4403^28	4431^29
28	4400^28	4485^29	4514^30
26	4476^29	4563^30	4591^31
24	4536^30	4623^31	4652^32
22	4592^31	4680^32	4710^33
20	4609^31	4697^32	4726^33
18	4609^31	4698^32	4727^33
16	4609^31	4698^32	4728^33
10	4216^25	4305^27	4335^27
0	4539^30	4632^31	4663^32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
38	4007D22	4089D24	4116D24
36	4088D23	4170D25	4198D25
34	4166D24	4250D26	4277D26
32	4244D25	4328D27	4356D28
30	4324D25	4409D28	4437D29
28	4407D25	4491D30	4520D30
26	4488D26	4574D31	4603D31
24	4569^26	4657D32	4686D32
22	4611D27	4699D32	4728D33
20	4615D28	4703D32	4733D33
18	4615D28	4704D33	4733D33
16	4615D29	4704D33	4734D33
10	4615D30	4706D33	4736D33
0	4608D31	4702D32	4733D33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-3970**
Wing A/I ON **-3970**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
38	4001D22	4082D23	4110D24
36	4081D23	4164D25	4191D25
34	4160D24	4243D26	4271D26
32	4238D24	4322D27	4350D28
30	4318D25	4403D28	4431D29
28	4400D25	4485D29	4514D30
26	4476D25	4563D31	4591D31
24	4536D26	4623D31	4652D32
22	4592D27	4680D32	4710D33
20	4609D28	4697D32	4726D33
18	4609D28	4698D32	4727D33
16	4609D29	4698D32	4728D33
10	4216D25	4305D27	4335D27
0	4539D30	4632D31	4663D32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4099F 4	4329F13	4409F16
26	4160F 5	4392F13	4473F16
24	4222F 5	4457F14	4539F17
22	4266F 6	4507F14	4591F17
20	4295F 6	4539F15	4623F18
18	4307F 7	4550F15	4636F18
16	4319F 7	4566F16	4650F19
14	4331F 7	4577F16	4664F19
12	4344F 8	4591F17	4679F19
10	4356F 8	4604F17	4688^20
0	4415F10	4654^19	4693^22
-10	4478F12	4652^22	4692^25
-20	4536^14	4657^24	4698^28
-30	4527^17	4653^27	4696^31

High QNH **+100** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-3240**
Wing A/I ON **-3240**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3829F 8	4042F16	4110F18
26	3891F 8	4106F16	4176F19
24	3955F 9	4174F17	4246F19
22	4005F10	4229F18	4306F20
20	4039F11	4269F18	4347F21
18	4050F11	4281F19	4359F21
16	4060F11	4294F19	4372F22
14	4072F11	4306F19	4384F22
12	4083F12	4318F20	4397F22
10	4094F12	4330F20	4411F23
0	4148F14	4391F22	4470F24
-10	4206F16	4453F24	4531F26
-20	4266F18	4515F26	4594F28
-30	4326F20	4575F28	4650^30

High QNH **+120** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1590**
Wing A/I ON **-1590**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 5956 Length 11486 Shift **0** Clearway 0 Stopway 0 Slope +0.49
Rwy Rev. Program Rules FAA **21 Mar 17**

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LOS MOCHIS -LMM 09 *DT H091*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1016'		DT H091	1016'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	3937F18	4178F23	4264F25
46	87.7	4007F19	4251F24	4338F26
44	87.6	4050F20	4296F25	4383F26
42	87.4	4064F20	4311F25	4399F26
40	87.1	4078F20	4326F25	4415F27
38	86.8	4087F21	4337F25	4426F27
36	86.6	4097F21	4348F25	4437F27
34	86.3	4106F21	4359F26	4448F27
32	86.0	4116F21	4370F26	4460F27
30	85.7	4127F21	4381F26	4472F28
20	84.3	4178F22	4439F27	4533F29
10	82.8	4230F23	4498F28	4592F30
0	81.3	4286F24	4561F29	4660F31
-10	79.8	4340F25	4623F30	4723F32
-20	78.3	4397F26	4688F31	4787F33
-30	76.7	4452F27	4751F33	4853F34

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3877F 4	4155F14	4254F17	4725
3941F 4	4225F14	4325F18	4844
3980F 5	4268F15	4369F18	4901
3996F 5	4284F15	4386F18	4947
4010F 5	4301F15	4403F19	4959
4021F 6	4312F16	4415F19	4961
4033F 6	4324F16	4427F19	4962
4044F 6	4337F16	4440F20	4964
4057F 7	4349F17	4453F20	4966
4068F 7	4362F17	4467F20	4968
4124F 9	4427F19	4533D22	4976
4182F10	4493F21	4592D24	4973
4243F12	4561D23	4660D26	4984
4306F14	4623D24	4723D28	4988
4372F16	4688D26	4787D30	4985
4439F18	4751D28	4853D32	4983

High QNH **+80** per .10" — Engine A/I ON **-400**
Low QNH **-150** per .10" — Wing A/I ON **-400**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4019F20	4265F25	4353F26
46	90.9	4093F21	4342F26	4431F27
44	90.8	4162F22	4414F27	4502F28
42	90.5	4227F23	4479F27	4570F29
40	90.2	4267F23	4521F28	4612F29
38	89.9	4304F24	4560F28	4651F30
36	89.7	4336F24	4598F29	4690F30
34	89.4	4358F24	4624F29	4716F31
32	89.1	4370F24	4636F29	4728F31
30	88.8	4382F24	4648F29	4741F31
20	87.3	4442F26	4709F30	4804F32
10	85.8	4493F26	4769F31	4867F33
0	84.2	4553F28	4837F33	4936F34
-10	82.7	4611F29	4901F34	5006F35
-20	81.1	4670F30	4969F35	5071A36
-30	79.5	4731F31	5040F36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3933F 5	4222F15	4326F18	4726
4001F 5	4294F16	4398F19	4846
4063F 6	4361F16	4467F19	4951
4122F 6	4424F17	4530F20	5055
4163F 7	4468F17	4574F20	5071
4202F 7	4510F17	4614F20	5071
4240F 7	4551F17	4656F21	5071
4266F 7	4579F18	4684F21	5071
4280F 8	4592F18	4698F21	5071
4293F 8	4604F18	4712F22	5071
4357F10	4672F20	4783F23	5071
4420F11	4740F22	4854F25	5071
4487F13	4816F24	4933F27	5071
4553F15	4892F26	5006D29	5071
4621F17	4969F28	5071A31	5071
4690F19	5040D30	5071A34	5071

High QNH **+80** per .10" — Engine A/I ON **-420**
Low QNH **-150** per .10" — Wing A/I ON **-420**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4019F20-20-31	4265F25-25-35	4353F26-26-36	4444F28-28-38
46	90.9	4093F21-21-32	4342F26-26-36	4431F27-27-37	4522F29-29-39
44	90.8	4162F22-22-33	4414F27-27-37	4502F28-28-39	4595F30-30-40
42	90.5	4227F23-23-34	4479F27-27-38	4570F29-29-40	4664F31-31-41
40	90.2	4267F23-23-35	4521F28-28-39	4612F29-29-40	4706F31-31-42
38	89.9	4304F24-24-36	4560F28-28-39	4651F30-30-41	4746F31-31-42
36	89.7	4336F24-24-36	4598F29-29-40	4690F30-30-41	4785F32-32-43
34	89.4	4358F24-24-36	4624F29-29-40	4716F31-31-42	4811F32-32-43
32	89.1	4370F24-24-37	4636F29-29-41	4728F31-31-42	4824F32-32-43
30	88.8	4382F24-24-37	4648F29-29-41	4741F31-31-42	4836F33-33-43
20	87.3	4442F26-26-38	4709F30-30-42	4804F32-32-43	4900F34-34-44
10	85.8	4493F26-26-38	4769F31-31-42	4867F33-33-44	4968F35-35-45
0	84.2	4553F28-28-39	4837F33-33-43	4936F34-34-45	5041F36-36-46
-10	82.7	4611F29-29-40	4901F34-34-44	5006F35-35-46	5071A36-36-47
-20	81.1	4670F30-30-41	4969F35-35-45	5071A36-36-47	5071A36-36-47
-30	79.5	4731F31-31-42	5040F36-36-46	5071A36-36-47	5071A36-36-47

High QNH **+80** per .10" — Engine A/I ON **-420**
Low QNH **-150** per .10" — Wing A/I ON **-420**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	16	Length	6585	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.05
Rwy Rev.		Program						Rules	FAA		**27 Sep 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4019F20	4265F25	4353F26
46	4093F21	4342F26	4431F27
44	4162F22	4414F27	4502F28
42	4227F23	4479F27	4570F29
40	4267F23	4521F28	4612F29
38	4304F24	4560F28	4651F30
36	4336F24	4598F29	4690F30
34	4358F24	4624F29	4716F31
32	4370F24	4636F29	4728F31
30	4382F24	4648F29	4741F31
20	4442F26	4709F30	4804F32
10	4493F26	4769F31	4867F33
0	4553F28	4837F33	4936F34
-10	4611F29	4901F34	5006F35

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-420**
Wing A/I ON **-420**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4010F20	4255F24	4343F26
4083F21	4331F25	4420F27
4147F22	4397F26	4487F28
4201F22	4454F27	4542F29
4256F23	4509F28	4600F29
4293F23	4548F28	4639F30
4324F24	4587F28	4678F30
4346F24	4612F29	4704F30
4359F24	4624F29	4717F31
4371F24	4636F29	4729F31
4431F25	4698F30	4793F32
4460F26	4734F31	4832F33
4512F27	4795F32	4895F34
4568F28	4858F33	4961F35

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-60**
Wing A/I ON **-60**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	3933F 5	4222F15	4326F18
46	4001F 5	4294F16	4398F19
44	4063F 6	4361F16	4467F19
42	4122F 6	4424F17	4530F20
40	4163F 7	4468F17	4574F20
38	4202F 7	4510F17	4614F20
36	4240F 7	4551F17	4656F21
34	4266F 7	4579F18	4684F21
32	4280F 8	4592F18	4698F21
30	4293F 8	4604F18	4712F22
20	4357F10	4672F20	4783F23
10	4420F11	4740F22	4854F25
0	4487F13	4816F24	4933F27
-10	4553F15	4892F26	5006D29

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-410**
Wing A/I ON **-410**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3926F 5	4214F15	4317F18
3994F 5	4285F16	4389F19
4054F 6	4348F16	4453F19
4104F 6	4403F16	4509F20
4155F 6	4459F17	4565F20
4194F 7	4501F17	4604F20
4232F 7	4543F17	4646F20
4258F 7	4570F17	4674F21
4272F 7	4584F18	4689F21
4285F 8	4597F18	4703F21
4349F 9	4663F20	4774F23
4389F11	4708F22	4822F25
4448F13	4777F24	4894F27
4513F15	4851F26	4961D29

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3574F97	3933F 0
26		3605F97	3964F 0
24		3642F98	3995F 0
22		3676F98	4027F 0
20		3710F98	4054F 1
18		3747F98	4090F 1
16		3781F99	4125F 1
14		3817F99	4154F 1
12		3850F99	4189F 2
10		3891F 0	4222F 2
0		4070F 1	4385F 3
-10		4126F 3	4430F 6
-20	2922F97	4316F 5	4594^ 7
-30	3327F98	4528F 6	4590^10

High QNH **+90** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-440**
Wing A/I ON **-440**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
2779F94	3621F 0	3777F 3
2896F94	3637F 0	3795F 3
2952F94	3654F 1	3815F 4
3007F94	3670F 1	3834F 4
3061F94	3683F 1	3851F 4
3122F94	3699F 2	3872F 4
3168F94	3719F 2	3892F 5
3196F94	3732F 2	3913F 5
3223F94	3753F 2	3937F 5
3251F94	3770F 3	3961F 5
3398F95	3875F 4	4093F 7
3436F97	3991F 6	4212F 8
3564F98	4135F 7	4303F10
3640F 0	4239F 9	4394F12

High QNH **+100** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-400**
Wing A/I ON **-400**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	16	Length	6585	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.05
Rwy Rev.		Program						Rules	FAA		**27 Sep 17**

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LOS MOCHIS -LMM 27 *DT H271*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1016'		DT H271	1016'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	3925F18	4166F23	4252F24
46	87.7	3996F19	4239F24	4326F25
44	87.6	4038F20	4284F24	4371F26
42	87.4	4052F20	4299F25	4387F26
40	87.1	4066F20	4314F25	4402F26
38	86.8	4076F20	4325F25	4413F27
36	86.6	4085F20	4335F25	4424F27
34	86.3	4095F21	4346F25	4436F27
32	86.0	4105F21	4357F26	4447F27
30	85.7	4115F21	4369F26	4459F27
20	84.3	4166F22	4427F27	4520F29
10	82.8	4217F23	4485F28	4579F30
0	81.3	4274F24	4547F29	4646F31
-10	79.8	4327F25	4609F30	4708F32
-20	78.3	4384F26	4673F31	4772F33
-30	76.7	4441F27	4735F32	4837F34

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3868F 4	4146F14	4245F17	4725
3933F 4	4215F14	4316F18	4844
3973F 5	4258F15	4359F18	4901
3986F 5	4275F15	4376F18	4947
4002F 5	4291F16	4393F19	4959
4015F 6	4303F16	4405F19	4961
4025F 6	4315F16	4418F19	4962
4036F 6	4327F17	4430F20	4964
4047F 7	4339F17	4444F20	4966
4059F 7	4352F17	4457F20	4968
4115F 9	4417F19	4520D22	4976
4172F10	4483F21	4579D24	4973
4233F12	4547D23	4646D26	4984
4296F14	4609D24	4708D28	4988
4362F16	4673D26	4772D30	4985
4429F18	4735D29	4837D32	4983

High QNH **+80** per .10" — Low QNH **-150** per .10"
Engine A/I ON **-400** — Wing A/I ON **-400**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4008F20	4253F24	4341F26
46	90.9	4082F21	4330F25	4418F27
44	90.8	4150F22	4401F26	4491F28
42	90.5	4215F23	4466F27	4557F29
40	90.2	4255F23	4508F28	4599F29
38	89.9	4293F23	4547F28	4638F30
36	89.7	4326F24	4585F28	4677F30
34	89.4	4348F24	4611F29	4703F30
32	89.1	4360F24	4623F29	4715F30
30	88.8	4372F24	4635F29	4727F31
20	87.3	4429F25	4695F30	4790F32
10	85.8	4480F26	4755F31	4853F33
0	84.2	4540F27	4823F32	4921F34
-10	82.7	4598F28	4886F33	4991F35
-20	81.1	4657F29	4954F35	5062F36
-30	79.5	4717F30	5024F36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3924F 5	4213F15	4317F18	4726
3993F 6	4285F16	4389F19	4846
4056F 6	4352F16	4457F20	4951
4115F 6	4414F17	4521F20	5055
4156F 7	4458F17	4564F20	5071
4195F 7	4500F17	4606F20	5071
4233F 7	4541F17	4646F21	5071
4259F 7	4569F18	4674F21	5071
4272F 8	4582F18	4688F21	5071
4285F 8	4595F18	4701F22	5071
4348F10	4662F20	4772F23	5071
4411F11	4730F22	4843F25	5071
4477F13	4806F24	4921D27	5071
4543F15	4881F26	4991D29	5071
4611F17	4954D28	5062D31	5071
4679F19	5024D30	5071A34	5071

High QNH **+90** per .10" — Low QNH **-150** per .10"
Engine A/I ON **-420** — Wing A/I ON **-420**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4008F20-20-31	4253F24-24-35	4341F26-26-36	4431F28-28-37
46	90.9	4082F21-21-32	4330F25-25-36	4418F27-27-37	4510F29-29-39
44	90.8	4150F22-22-33	4401F26-26-37	4491F28-28-38	4581F30-30-40
42	90.5	4215F23-23-34	4466F27-27-38	4557F29-29-39	4651F30-30-41
40	90.2	4255F23-23-35	4508F28-28-39	4599F29-29-40	4693F31-31-41
38	89.9	4293F23-23-35	4547F28-28-39	4638F30-30-41	4732F31-31-42
36	89.7	4326F24-24-36	4585F28-28-40	4677F30-30-41	4771F32-32-42
34	89.4	4348F24-24-36	4611F29-29-40	4703F30-30-41	4797F32-32-43
32	89.1	4360F24-24-36	4623F29-29-40	4715F30-30-42	4810F32-32-43
30	88.8	4372F24-24-37	4635F29-29-40	4727F31-31-42	4823F32-32-43
20	87.3	4429F25-25-37	4695F30-30-41	4790F32-32-43	4889F33-33-44
10	85.8	4480F26-26-38	4755F31-31-42	4853F33-33-44	4953F35-35-45
0	84.2	4540F27-27-39	4823F32-32-43	4921F34-34-45	5027F36-36-46
-10	82.7	4598F28-28-40	4886F33-33-44	4991F35-35-46	5071A36-36-47
-20	81.1	4657F29-29-41	4954F35-35-45	5062F36-36-47	5071A36-36-47
-30	79.5	4717F30-30-42	5024F36-36-46	5071A36-36-47	5071A36-36-47

High QNH **+90** per .10" — Low QNH **-150** per .10"
Engine A/I ON **-420** — Wing A/I ON **-420**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 16 Length 6585 Shift **0** Clearway 0 Stopway 0 Slope +0.05
Rwy Rev. Program Rules FAA **27 Sep 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4008F20	4253F24	4341F26	3998F20	4243F24	4330F26			
46	4082F21	4330F25	4418F27	4071F21	4319F25	4407F27			
44	4150F22	4401F26	4491F28	4135F21	4385F26	4474F28			
42	4215F23	4466F27	4557F29	4190F22	4441F27	4529F28			
40	4255F23	4508F28	4599F29	4244F23	4496F27	4587F29			
38	4293F23	4547F28	4638F30	4281F23	4535F28	4626F29			
36	4326F24	4585F28	4677F30	4314F23	4574F28	4665F30			
34	4348F24	4611F29	4703F30	4337F24	4599F28	4691F30			
32	4360F24	4623F29	4715F30	4348F24	4611F29	4703F30			
30	4372F24	4635F29	4727F31	4360F24	4623F29	4716F31			
20	4429F25	4695F30	4790F32	4419F25	4684F30	4779F32			
10	4480F26	4755F31	4853F33	4447F26	4720F31	4818F32			
0	4540F27	4823F32	4921F34	4499F27	4781F32	4881F34			
-10	4598F28	4886F33	4991F35	4554F28	4844F33	4947F35			
	High QNH **+90** per .10" Low QNH **-150** per .10"			High QNH **+90** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-420** Wing A/I ON **-420**			Engine A/I ON **-60** Wing A/I ON **-60**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3924F 5	4213F15	4317F18	3917F 5	4205F15	4308F18			
46	3993F 6	4285F16	4389F19	3985F 6	4276F16	4380F19			
44	4056F 6	4352F16	4457F20	4045F 6	4339F16	4444F19			
42	4115F 6	4414F17	4521F20	4097F 6	4394F16	4499F20			
40	4156F 7	4458F17	4564F20	4147F 7	4449F17	4555F20			
38	4195F 7	4500F17	4606F20	4186F 7	4491F17	4596F20			
36	4233F 7	4541F17	4646F21	4225F 7	4532F17	4636F21			
34	4259F 7	4569F18	4674F21	4250F 7	4560F18	4664F21			
32	4272F 8	4582F18	4688F21	4264F 8	4573F18	4678F21			
30	4285F 8	4595F18	4701F22	4277F 8	4587F18	4692F22			
20	4348F10	4662F20	4772F23	4341F10	4653F20	4763F23			
10	4411F11	4730F22	4843F25	4379F11	4697F22	4811F25			
0	4477F13	4806F24	4921D27	4438F13	4767F24	4881D27			
-10	4543F15	4881F26	4991D29	4502F15	4840F26	4947D29			
	High QNH **+90** per .10" Low QNH **-150** per .10"			High QNH **+90** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-410** Wing A/I ON **-410**			Engine A/I ON **-50** Wing A/I ON **-50**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		3605F97	3959F 0	2919F94	3613F 0	3764F 3			
26		3638F98	3987F 0	2954F94	3629F 1	3784F 3			
24		3674F98	4019F 0	3010F94	3645F 1	3804F 4			
22		3707F98	4050F 0	3064F93	3659F 1	3822F 4			
20		3741F98	4079F 1	3118F93	3676F 2	3842F 4			
18		3774F99	4112F 1	3165F94	3691F 2	3859F 5			
16		3808F99	4146F 1	3193F94	3706F 2	3879F 5			
14		3844F99	4177F 2	3220F94	3724F 2	3899F 5			
12		3880F99	4209F 2	3248F94	3742F 3	3922F 5			
10		3917F 0	4243F 2	3276F94	3761F 3	3948F 6			
0		4092F 1	4403F 4	3420F95	3861F 4	4078F 7			
-10		4148F 3	4448F 6	3458F97	3975F 6	4200F 8			
-20	3099F97	4330F 5	4593^ 7	3556F98	4118F 7	4293F10			
-30	3369F98	4503^93	4589^10	3632F 0	4228F 9	4384F12			
	High QNH **+90** per .10" Low QNH **-100** per .10"			High QNH **+100** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-490** Wing A/I ON **-490**			Engine A/I ON **-380** Wing A/I ON **-380**			Engine A/I ON Wing A/I ON		

Elevation	16	Length	6585	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.05
Rwy Rev.		Program						Rules	FAA		**27 Sep 17**

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MANZANILLO/MEXICO -ZLO 10 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D2.5 ZLO	**300'**	**RT H135**	**1030'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4107F22	4357F26	4445F28
46	87.7	4181F23	4433F27	4523F29
44	87.6	4225F23	4480F28	4570F30
42	87.4	4241F23	4496F28	4585F30
40	87.1	4256F24	4513F28	4602F30
38	86.9	4266F24	4524F29	4614F30
36	86.6	4276F24	4535F29	4626F30
34	86.3	4286F24	4547F29	4638F31
32	86.0	4296F24	4557F29	4650F31
30	85.7	4307F25	4569F29	4663F31
20	84.3	4362F26	4631F31	4724F32
10	82.8	4417F27	4692F32	4786F33
0	81.3	4476F28	4757F33	4853F34
-10	79.8	4534F29	4820F34	4918F35
-20	78.3	4595F30	4883F35	4931^36
-30	76.7	4656F31	4878^35	4922^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4043F 8	4331F18	4433F21	4722
4112F 9	4403F18	4506F22	4842
4154F 9	4448F19	4552F22	4900
4170F 9	4466F19	4570F22	4947
4186F10	4483F20	4588F23	4959
4197F10	4496F20	4601F23	4961
4208F10	4508F20	4614F23	4962
4220F11	4521F21	4626F24	4964
4232F11	4535F21	4640F24	4966
4243F11	4548F21	4654F24	4968
4303F13	4615F23	4724D26	4976
4365F15	4685F25	4786D28	4973
4432F17	4757D27	4853D30	4984
4499F19	4820D29	4918D32	4988
4568F21	4883D31	4931D34	4985
4638F23	4878D33	4922D36	4983

High QNH **+10** per .10" — Engine A/I ON **-740**
Low QNH **-150** per .10" — Wing A/I ON **-740**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4198F23	4450F28	4536F30
46	90.9	4274F24	4532F29	4619F31
44	90.8	4346F25	4605F30	4696F32
42	90.5	4412F26	4675F31	4768F33
40	90.2	4453F27	4717F31	4811F33
38	90.0	4490F27	4757F32	4851F33
36	89.7	4528F27	4795F32	4890F34
34	89.4	4553F28	4821F32	4914F34
32	89.1	4565F28	4834F33	4928F34
30	88.8	4576F28	4847F33	4941F34
20	87.3	4634F29	4910F34	5009F35
10	85.8	4691F30	4975F35	5071A36
0	84.2	4754F31	5047F36	5071A36
-10	82.7	4816F32	5071A36	5071A36
-20	81.1	4877F33	5071A36	5071A36
-30	79.5	4943F34	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4105F 9	4406F19	4507F22	4724
4176F10	4480F20	4584F23	4843
4242F10	4549F20	4656F24	4948
4304F11	4612F21	4723F24	5052
4349F11	4657F21	4767F24	5071
4392F11	4700F21	4810F25	5071
4434F11	4742F22	4851F25	5071
4460F12	4770F22	4880F25	5071
4473F12	4785F22	4895F25	5071
4486F12	4799F22	4909F26	5071
4549F14	4871F24	4983F27	5071
4612F16	4943F26	5059F29	5071
4682F18	5023F28	5071A32	5071
4753F20	5071A30	5071A34	5071
4825F22	5071A33	5071A36	5071
4900F24	5071A35	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **-430**
Low QNH **-160** per .10" — Wing A/I ON **-430**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4198F23-23-34	4450F28-28-38	4536F30-30-39	4625F31-31-40
46	90.9	4274F24-24-35	4532F29-29-39	4619F31-31-40	4708F32-32-42
44	90.8	4346F25-25-36	4605F30-30-40	4696F32-32-41	4787F33-33-43
42	90.5	4412F26-26-37	4675F31-31-41	4768F33-33-42	4860F34-34-44
40	90.2	4453F27-27-38	4717F31-31-42	4811F33-33-43	4905F35-35-44
38	90.0	4490F27-27-38	4757F32-32-42	4851F33-33-44	4947F35-35-45
36	89.7	4528F27-27-39	4795F32-32-43	4890F34-34-44	4985F35-35-46
34	89.4	4553F28-28-39	4821F32-32-43	4914F34-34-45	5013F36-36-46
32	89.1	4565F28-28-39	4834F33-33-43	4928F34-34-45	5027F36-36-46
30	88.8	4576F28-28-40	4847F33-33-44	4941F34-34-45	5041F36-36-46
20	87.3	4634F29-29-40	4910F34-34-44	5009F35-35-46	5071A36-36-47
10	85.8	4691F30-30-41	4975F35-35-45	5071A36-36-47	5071A36-36-47
0	84.2	4754F31-31-42	5047F36-36-46	5071A36-36-47	5071A36-36-47
-10	82.7	4816F32-32-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	4877F33-33-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	4943F34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **-430**
Low QNH **-160** per .10" — Wing A/I ON **-430**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	30	Length	7238	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**01 Aug 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4198F23	4450F28	4536F30	4187F23	4441F28	4525F29			
46	4274F24	4532F29	4619F31	4263F24	4521F29	4607F30			
44	4346F25	4605F30	4696F32	4329F25	4587F30	4679F31			
42	4412F26	4675F31	4768F33	4385F26	4646F30	4739F32			
40	4453F27	4717F31	4811F33	4441F26	4705F31	4798F33			
38	4490F27	4757F32	4851F33	4478F27	4744F31	4838F33			
36	4528F27	4795F32	4890F34	4516F27	4783F32	4877F33			
34	4553F28	4821F32	4914F34	4541F27	4809F32	4903F34			
32	4565F28	4834F33	4928F34	4553F28	4821F32	4914F34			
30	4576F28	4847F33	4941F34	4564F28	4834F33	4928F34			
20	4634F29	4910F34	5009F35	4623F29	4897F34	4997F35			
10	4691F30	4975F35	5071A36	4655F30	4940F35	5039F36			
0	4754F31	5047F36	5071A36	4712F31	5002F36	5071A37			
-10	4816F32	5071A36	5071A36	4771F32	5067F37	5071A37			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+10** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-430** Wing A/I ON **-430**			Engine A/I ON **-60** Wing A/I ON **-60**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4105F 9	4406F19	4507F22	4098F 9	4397F19	4498F22			
46	4176F10	4480F20	4584F23	4168F10	4470F20	4575F23			
44	4242F10	4549F20	4656F24	4230F10	4535F20	4641F23			
42	4304F11	4612F21	4723F24	4285F11	4592F21	4699F24			
40	4349F11	4657F21	4767F24	4340F11	4647F21	4757F24			
38	4392F11	4700F21	4810F25	4383F11	4690F21	4799F24			
36	4434F11	4742F22	4851F25	4426F11	4732F21	4841F25			
34	4460F12	4770F22	4880F25	4453F12	4760F22	4869F25			
32	4473F12	4785F22	4895F25	4464F12	4775F22	4884F25			
30	4486F12	4799F22	4909F26	4477F12	4789F22	4899F26			
20	4549F14	4871F24	4983F27	4541F14	4861F24	4973F27			
10	4612F16	4943F26	5059F29	4579F16	4910F26	5025F29			
0	4682F18	5023F28	5071A32	4642F18	4983F28	5071A31			
-10	4753F20	5071A30	5071A34	4711F20	5058F30	5071A34			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+40** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-390** Wing A/I ON **-390**			Engine A/I ON **-60** Wing A/I ON **-60**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4064F 0	4364F 3	3427F95	3822F 4	4009F 7			
26		4093F 1	4393F 3	3460F96	3842F 5	4034F 7			
24		4124F 1	4419F 3	3460F96	3861F 5	4057F 7			
22		4152F 1	4445F 4	3460F96	3880F 5	4082F 7			
20		4182F 1	4474F 4		3899F 5	4110F 8			
18	2845F95	4214F 2	4501F 4		3920F 6	4138F 8			
16	3216F95	4243F 2	4531F 5		3938F 6	4159F 8			
14	3292F96	4275F 2	4560F 5	3531F98	3961F 6	4174F 8			
12	3309F96	4306F 3	4588F 5	3543F98	3984F 6	4192F 9			
10	3344F96	4335F 3	4595^ 6	3555F99	4008F 7	4208F 9			
0	3528F97	4493F 4	4605^ 8	3631F 0	4147F 8	4299F11			
-10	3587F99	4535F 6	4608^10	3696F 2	4235F 9	4382F12			
-20	3765F 0	4548^ 9	4607^13	3781F 3	4324F11	4472F14			
-30	3949F 2	4543^11	4603^15	3874F 5	4409F13	4546^16			
	High QNH **+80** per .10" Low QNH **-80** per .10"			High QNH **+120** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-560** Wing A/I ON **-560**			Engine A/I ON **-470** Wing A/I ON **-470**			Engine A/I ON Wing A/I ON		

Elevation	30	Length	7238	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**01 Aug 17**

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TAR Mexico **EMB-145** **AE3007A1P**

MANZANILLO/MEXICO -ZLO 28 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D3.1 ZLO	**500'**	**LT H250**	**1030'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4107F22	4357F26	4445F28	4043F 8	4331F18	4433F21	4722
46	87.7	4181F23	4433F27	4523F29	4112F 9	4403F18	4506F22	4842
44	87.6	4225F23	4480F28	4570F30	4154F 9	4448F19	4552F22	4900
42	87.4	4241F23	4496F28	4585F30	4170F 9	4466F19	4570F22	4947
40	87.1	4256F24	4513F28	4602F30	4186F10	4483F20	4588F23	4959
38	86.9	4266F24	4524F29	4614F30	4197F10	4496F20	4601F23	4961
36	86.6	4276F24	4535F29	4626F30	4208F10	4508F20	4614F23	4962
34	86.3	4286F24	4547F29	4638F31	4220F11	4521F21	4626F24	4964
32	86.0	4296F24	4557F29	4650F31	4232F11	4535F21	4640F24	4966
30	85.7	4307F25	4569F29	4663F31	4243F11	4548F21	4654F24	4968
20	84.3	4362F26	4631F31	4724F32	4303F13	4615F23	4724D26	4976
10	82.8	4417F27	4692F32	4786F33	4365F15	4685F25	4786D28	4973
0	81.3	4476F28	4757F33	4853F34	4432F17	4757D27	4853D30	4984
-10	79.8	4534F29	4820F34	4918F35	4499F19	4820D29	4918D32	4988
-20	78.3	4595F30	4883F35	4931^36	4568F21	4883D31	4931D34	4985
-30	76.7	4656F31	4878^35	4922^35	4638F23	4878D33	4922D36	4983

High QNH **+10** per .10" — Engine A/I ON **-740**
Low QNH **-150** per .10" — Wing A/I ON **-740**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4198F23	4450F28	4536F30	4105F 9	4406F19	4507F22	4724
46	90.9	4274F24	4532F29	4619F31	4176F10	4480F20	4584F23	4843
44	90.8	4346F25	4605F30	4696F32	4242F10	4549F20	4656F24	4948
42	90.5	4412F26	4675F31	4768F33	4304F11	4612F21	4723F24	5052
40	90.2	4453F27	4717F31	4811F33	4349F11	4657F21	4767F24	5071
38	90.0	4490F27	4757F32	4851F33	4392F11	4700F21	4810F25	5071
36	89.7	4528F27	4795F32	4890F34	4434F11	4742F22	4851F25	5071
34	89.4	4553F28	4821F32	4914F34	4460F12	4770F22	4880F25	5071
32	89.1	4565F28	4834F33	4928F34	4473F12	4785F22	4895F25	5071
30	88.8	4576F28	4847F33	4941F34	4486F12	4799F22	4909F26	5071
20	87.3	4634F29	4910F34	5009F35	4549F14	4871F24	4983F27	5071
10	85.8	4691F30	4975F35	5071A36	4612F16	4943F26	5059F29	5071
0	84.2	4754F31	5047F36	5071A36	4682F18	5023F28	5071A32	5071
-10	82.7	4816F32	5071A36	5071A36	4753F20	5071A30	5071A34	5071
-20	81.1	4877F33	5071A36	5071A36	4825F22	5071A33	5071A36	5071
-30	79.5	4943F34	5071A36	5071A36	4900F24	5071A35	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **-430**
Low QNH **-160** per .10" — Wing A/I ON **-430**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4198F23-23-34	4450F28-28-38	4536F30-30-39	4625F31-31-40
46	90.9	4274F24-24-35	4532F29-29-39	4619F31-31-40	4708F32-32-42
44	90.8	4346F25-25-36	4605F30-30-40	4696F32-32-41	4787F33-33-43
42	90.5	4412F26-26-37	4675F31-31-41	4768F33-33-42	4860F34-34-44
40	90.2	4453F27-27-38	4717F31-31-42	4811F33-33-43	4905F35-35-44
38	90.0	4490F27-27-38	4757F32-32-42	4851F33-33-44	4947F35-35-45
36	89.7	4528F27-27-39	4795F32-32-43	4890F34-34-44	4985F35-35-46
34	89.4	4553F28-28-39	4821F32-32-43	4914F34-34-45	5013F36-36-46
32	89.1	4565F28-28-39	4834F33-33-43	4928F34-34-45	5027F36-36-46
30	88.8	4576F28-28-40	4847F33-33-44	4941F34-34-45	5041F36-36-46
20	87.3	4634F29-29-40	4910F34-34-44	5009F35-35-46	5071A36-36-47
10	85.8	4691F30-30-41	4975F35-35-45	5071A36-36-47	5071A36-36-47
0	84.2	4754F31-31-42	5047F36-36-46	5071A36-36-47	5071A36-36-47
-10	82.7	4816F32-32-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	4877F33-33-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	4943F34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **-430**
Low QNH **-160** per .10" — Wing A/I ON **-430**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 30 Length 7238 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **01 Aug 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4198F23	4450F28	4536F30	4187F23	4441F28	4525F29			
46	4274F24	4532F29	4619F31	4263F24	4521F29	4607F30			
44	4346F25	4605F30	4696F32	4329F25	4587F30	4679F31			
42	4412F26	4675F31	4768F33	4385F26	4646F30	4739F32			
40	4453F27	4717F31	4811F33	4441F26	4705F31	4798F33			
38	4490F27	4757F32	4851F33	4478F27	4744F31	4838F33			
36	4528F27	4795F32	4890F34	4516F27	4783F32	4877F33			
34	4553F28	4821F32	4914F34	4541F27	4809F32	4903F34			
32	4565F28	4834F33	4928F34	4553F28	4821F32	4914F34			
30	4576F28	4847F33	4941F34	4564F28	4834F33	4928F34			
20	4634F29	4910F34	5009F35	4623F29	4897F34	4997F35			
10	4691F30	4975F35	5071A36	4655F30	4940F35	5039F36			
0	4754F31	5047F36	5071A36	4712F31	5002F36	5071A37			
-10	4816F32	5071A36	5071A36	4771F32	5067F37	5071A37			
	High QNH +0 per .10"			High QNH +10 per .10"			High QNH per .10"		
	Low QNH -160 per .10"			Low QNH -160 per .10"			Low QNH per .10"		
	Engine A/I ON -430			Engine A/I ON -60			Engine A/I ON		
	Wing A/I ON -430			Wing A/I ON -60			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4105F 9	4406F19	4507F22	4098F 9	4397F19	4498F22			
46	4176F10	4480F20	4584F23	4168F10	4470F20	4575F23			
44	4242F10	4549F20	4656F24	4230F10	4535F20	4641F23			
42	4304F11	4612F21	4723F24	4285F11	4592F21	4699F24			
40	4349F11	4657F21	4767F24	4340F11	4647F21	4757F24			
38	4392F11	4700F21	4810F25	4383F11	4690F21	4799F24			
36	4434F11	4742F22	4851F25	4426F11	4732F21	4841F25			
34	4460F12	4770F22	4880F25	4453F12	4760F22	4869F25			
32	4473F12	4785F22	4895F25	4464F12	4775F22	4884F25			
30	4486F12	4799F22	4909F26	4477F12	4789F22	4899F26			
20	4549F14	4871F24	4983F27	4541F14	4861F24	4973F27			
10	4612F16	4943F26	5059F29	4579F16	4910F26	5025F29			
0	4682F18	5023F28	5071A32	4642F18	4983F28	5071A31			
-10	4753F20	5071A30	5071A34	4711F20	5058F30	5071A34			
	High QNH +0 per .10"			High QNH +40 per .10"			High QNH per .10"		
	Low QNH -160 per .10"			Low QNH -150 per .10"			Low QNH per .10"		
	Engine A/I ON -390			Engine A/I ON -60			Engine A/I ON		
	Wing A/I ON -390			Wing A/I ON -60			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4064F 0	4364F 3	3427F95	3822F 4	4009F 7			
26		4093F 1	4393F 3	3460F96	3842F 5	4034F 7			
24		4124F 1	4419F 3	3460F96	3861F 5	4057F 7			
22		4152F 1	4445F 4	3460F96	3880F 5	4082F 7			
20		4182F 1	4474F 4		3899F 5	4110F 8			
18	2845F95	4214F 2	4501F 4		3920F 6	4138F 8			
16	3216F95	4243F 2	4531F 5		3938F 6	4159F 8			
14	3292F96	4275F 2	4560F 5	3531F98	3961F 6	4174F 8			
12	3309F96	4306F 3	4588F 5	3543F98	3984F 6	4192F 9			
10	3344F96	4335F 3	4595^ 6	3555F99	4008F 7	4208F 9			
0	3528F97	4493F 4	4605^ 8	3631F 0	4147F 8	4299F11			
-10	3587F99	4535F 6	4608^10	3696F 2	4235F 9	4382F12			
-20	3765F 0	4548^ 9	4607^13	3781F 3	4324F11	4472F14			
-30	3949F 2	4543^11	4603^15	3874F 5	4409F13	4546^16			
	High QNH +80 per .10"			High QNH +120 per .10"			High QNH per .10"		
	Low QNH -80 per .10"			Low QNH -150 per .10"			Low QNH per .10"		
	Engine A/I ON -560			Engine A/I ON -470			Engine A/I ON		
	Wing A/I ON -560			Wing A/I ON -470			Wing A/I ON		

Elevation	30	Length	7238	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**01 Aug 17**

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MAZATLAN -MZT 08 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		700'		RT H260	1038'	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4418^27	4555^30	4592^31	4382^18	4555D28	4592D31	4721
46	87.7	4506^29	4652^31	4692^32	4463^18	4652D28	4692D31	4840
44	87.6	4558^29	4706^32	4748^33	4512^19	4706D29	4748D32	4899
42	87.4	4575^30	4724^32	4766^33	4530^19	4724D29	4766D32	4947
40	87.1	4590^30	4739^32	4781^33	4546^20	4739D29	4781D33	4959
38	86.9	4598^30	4746^33	4788^33	4556^20	4746D30	4788D33	4961
36	86.6	4607^30	4753^33	4794^33	4566^20	4753D30	4794D33	4962
34	86.3	4614^30	4761^33	4802^33	4577^21	4761D30	4802D34	4964
32	86.0	4623^30	4769^33	4809^34	4588^21	4769D31	4809D34	4966
30	85.7	4632^31	4777^33	4816^34	4599^21	4777D31	4816D34	4968
20	84.3	4673^31	4816^34	4857^34	4652^23	4816D33	4857D36	4976
10	82.8	4707^32	4846^34	4904^35	4696^25	4846D35	4904D36	4972
0	81.3	4756^33	4896^35	4936^36	4756^27	4896D35	4936D36	4984
-10	79.8	4772^33	4893^35	4935^36	4772D29	4893D35	4935D36	4988
-20	78.3	4761^33	4886^35	4928^36	4761D32	4886D35	4928D36	4985
-30	76.7	4746^32	4876^35	4920^35	4746D33	4876D35	4920D36	4983

High QNH **+10** per .10" Engine A/I ON **-850**
Low QNH **-170** per .10" Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4469^28	4598^31	4644^32	4436^20	4598D29	4644D32	4722
46	90.9	4565^30	4699^32	4736^33	4524^20	4699D30	4736D33	4841
44	90.8	4653^31	4790^33	4827^34	4602^21	4790D31	4827D34	4947
42	90.5	4734^32	4875^34	4913^35	4673^21	4875D31	4913D34	5050
40	90.2	4796^33	4946^35	4987^36	4728^21	4946D31	4987D34	5071
38	90.0	4850^33	5002^36	5053^37	4779^21	5002D31	5053D34	5071
36	89.7	4902^34	5056^36	5071A37	4828^21	5056D31	5071A35	5071
34	89.4	4932^34	5071A37	5071A37	4859^22	5071A32	5071A35	5071
32	89.1	4943^34	5071A37	5071A37	4872^22	5071A32	5071A36	5071
30	88.8	4953^35	5071A37	5071A37	4884^22	5071A33	5071A36	5071
20	87.3	5003^35	5071A36	5071A36	4945^24	5071A35	5071A36	5071
10	85.8	5046^36	5071A36	5071A36	5003^26	5071A36	5071A36	5071
0	84.2	5071A36	5071A36	5071A36	5066^28	5071A36	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5071A31	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A33	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4469^28-28-38	4598^31-31-40	4644^32-32-41	4700^32-32-41
46	90.9	4565^30-30-39	4699^32-32-41	4736^33-33-42	4794^34-34-43
44	90.8	4653^31-31-41	4790^33-33-43	4827^34-34-43	4882^35-35-44
42	90.5	4734^32-32-42	4875^34-34-44	4913^35-35-45	4962^36-36-45
40	90.2	4796^33-33-43	4946^35-35-45	4987^36-36-46	5023^36-36-46
38	90.0	4850^33-33-44	5002^36-36-46	5053^37-37-47	5071A37-37-47
36	89.7	4902^34-34-44	5056^36-36-47	5071A37-37-47	5071A37-37-47
34	89.4	4932^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	4943^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	4953^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.3	5003^35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5046^36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	38	Length	8865	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.19
Rwy Rev.		Program						Rules	FAA		**13 Mar 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4469^28	4598^31	4644^32
46	4565^30	4699^32	4736^33
44	4653^31	4790^33	4827^34
42	4734^32	4875^34	4913^35
40	4796^33	4946^35	4987^36
38	4850^33	5002^36	5053^37
36	4902^34	5056^36	5071A37
34	4932^34	5071A37	5071A37
32	4943^34	5071A37	5071A37
30	4953^35	5071A37	5071A37
20	5003^35	5071A36	5071A36
10	5046^36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4461^28	4590^31	4635^31
46	4556^30	4690^32	4727^33
44	4641^31	4779^33	4815^34
42	4714^32	4858^34	4897^35
40	4786^33	4936^35	4978^36
38	4839^33	4991^36	5043^37
36	4890^34	5046^36	5071A37
34	4920^34	5071A37	5071A37
32	4931^34	5071A37	5071A37
30	4942^34	5071A37	5071A37
20	4993^35	5071A36	5071A36
10	5003^36	5071A37	5071A37
0	5033^36	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4436^20	4598D29	4644D32
46	4524^20	4699D30	4736D33
44	4602^21	4790D31	4827D34
42	4673^21	4875D31	4913D34
40	4728^21	4946D31	4987D34
38	4779^21	5002D31	5053D34
36	4828^21	5056D31	5071A35
34	4859^22	5071A32	5071A35
32	4872^22	5071A32	5071A36
30	4884^22	5071A33	5071A36
20	4945^24	5071A35	5071A36
10	5003^26	5071A36	5071A36
0	5066^28	5071A36	5071A36
-10	5071A31	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4428^19	4590D29	4635D32
46	4514^20	4690D30	4727D33
44	4590^20	4779D30	4815D33
42	4654^21	4858D31	4897D34
40	4719^21	4936D31	4978D34
38	4769^21	4991D31	5043D34
36	4819^21	5046D31	5071A35
34	4850^22	5071A32	5071A35
32	4862^22	5071A32	5071A36
30	4875^22	5071A32	5071A36
20	4937^24	5071A35	5071A36
10	4963^26	5071A37	5071A37
0	5011^28	5071A37	5071A37
-10	5065^30	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4185F 1	4606F10	4697F14
26	4285F 1	4618F11	4710F14
24	4371F 1	4630F11	4724F14
22	4382F 2	4643F12	4737F15
20	4393F 2	4656F12	4750F15
18	4403F 2	4666F12	4763F16
16	4414F 3	4679F13	4776F16
14	4424F 3	4691F13	4789F16
12	4435F 3	4704F14	4802F17
10	4445F 4	4716F14	4814F17
0	4508F 6	4788F16	4882^19
-10	4568F 8	4859F18	4948^22
-20	4629F10	4922^20	5014^24
-30	4693F12	4988^23	5071A26

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-520**
Wing A/I ON **-520**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3959F 4	4312F13	4433F15
26	3973F 4	4324F13	4449F16
24	3987F 5	4340F13	4465F16
22	4001F 5	4355F13	4479F16
20	4015F 5	4370F14	4494F16
18	4028F 6	4383F14	4494F16
16	4043F 6	4397F14	4526^17
14	4059F 6	4412F15	4530F17
12	4079F 6	4427F15	4536F17
10	4096F 7	4441F15	4541F17
0	4180F 8	4532F17	4573^18
-10	4241F10	4560^17	
-20	4308F12		4606^18
-30	4352^14		4595^18

High QNH **+100** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-950**
Wing A/I ON **-950**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 38 Length 8865 Shift **0** Clearway 0 Stopway 0 Slope +0.19
Rwy Rev. Program Rules FAA **13 Mar 19**

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MAZATLAN -MZT 08-E250M *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		700'		RT H260	1038'	

NOTAMS A1990/19

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4293F25	4540F30	4592^31
46	87.7	4369F26	4620F31	4692^32
44	87.6	4415F27	4670F31	4748^33
42	87.4	4432F27	4688F32	4765^33
40	87.1	4448F27	4705F32	4780^33
38	86.9	4458F27	4716F32	4787^33
36	86.6	4469F28	4728F32	4794^33
34	86.3	4480F28	4739F32	4801^33
32	86.0	4491F28	4752F33	4809^34
30	85.7	4503F28	4764F33	4816^34
20	84.3	4561F29	4816^34	4857^34
10	82.8	4618F30	4847^34	4904^35
0	81.3	4679F31	4896^35	4936^36
-10	79.8	4738F32	4894^35	4935^36
-20	78.3	4760^33	4886^35	4928^36
-30	76.7	4746^32	4876^35	4920^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4225F13	4516F23	4588^26	4721
4296F14	4592F23	4682^26	4840
4341F14	4640F24	4736^27	4899
4358F14	4659F24	4754^27	4947
4375F15	4677F24	4770^27	4959
4387F15	4690F25	4779^28	4961
4399F15	4703F25	4788^28	4962
4411F16	4717F25	4796^28	4964
4424F16	4730F26	4805^29	4966
4436F16	4744F26	4815^29	4968
4501F18	4806^28	4857D31	4976
4567F20	4847D30	4904D33	4972
4636F22	4896D32	4936D35	4984
4704F24	4894D34	4935D36	4988
4758^26	4886D35	4928D36	4985
4746D28	4876D35	4920D36	4983

High QNH **+0** per .10" — Low QNH **-160** per .10"

Engine A/I ON **-850** — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4391F27	4599^31	4644^31
46	90.9	4472F28	4698^32	4736^33
44	90.8	4544F29	4790^33	4827^34
42	90.5	4614F30	4875F34	4913^35
40	90.2	4656F30	4920F35	4987^36
38	90.0	4694F31	4963F35	5055F37
36	89.7	4732F31	5004F36	5071A37
34	89.4	4757F31	5031F36	5071A37
32	89.1	4770F31	5044F36	5071A37
30	88.8	4782F32	5057F36	5071A37
20	87.3	4843F33	5071A36	5071A36
10	85.8	4904F34	5071A36	5071A36
0	84.2	4972F35	5071A36	5071A36
-10	82.7	5036F36	5071A36	5071A36
-20	81.1	5071A36	5071A36	5071A36
-30	79.5	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4296F15	4579^24	4644D27	4722
4370F15	4676F25	4734^28	4841
4439F16	4750F25	4815^28	4947
4503F16	4819F26	4897^29	5050
4548F16	4865F26	4965^29	5071
4591F17	4909F26	5017F29	5071
4633F17	4952F26	5060F29	5071
4660F17	4981F27	5071A30	5071
4674F17	4996F27	5071A30	5071
4687F18	5009F27	5071A31	5071
4755F19	5071A29	5071A33	5071
4822F21	5071A32	5071A35	5071
4898F23	5071A34	5071A36	5071
4973F25	5071A36	5071A36	5071
5048F27	5071A36	5071A36	5071
5071A30	5071A36	5071A36	5071

High QNH **+0** per .10" — Low QNH **-170** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4391F27-27-37	4599^31-31-40	4644^31-31-41	4700^32-32-41
46	90.9	4472F28-28-38	4698^32-32-41	4736^33-33-42	4794^34-34-43
44	90.8	4544F29-29-39	4790^33-33-43	4827^34-34-43	4882^35-35-44
42	90.5	4614F30-30-40	4875F34-34-44	4913^35-35-45	4962^36-36-45
40	90.2	4656F30-30-41	4920F35-35-45	4987^36-36-46	5023^36-36-46
38	90.0	4694F31-31-41	4963F35-35-45	5055F37-37-47	5071A37-37-47
36	89.7	4732F31-31-42	5004F36-36-46	5071A37-37-47	5071A37-37-47
34	89.4	4757F31-31-42	5031F36-36-46	5071A37-37-47	5071A37-37-47
32	89.1	4770F31-31-42	5044F36-36-46	5071A37-37-47	5071A37-37-47
30	88.8	4782F32-32-43	5057F36-36-47	5071A37-37-47	5071A37-37-47
20	87.3	4843F33-33-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	4904F34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	4972F35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5036F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Low QNH **-170** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	38	Length	8038	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.19
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4391F27	4599^31	4644^31	4380F27	4590^31	4634^31			
46	4472F28	4698^32	4736^33	4460F28	4690^32	4726^33			
44	4544F29	4790^33	4827^34	4528F29	4784F33	4815^34			
42	4614F30	4875F34	4913^35	4584F29	4846F34	4897^35			
40	4656F30	4920F35	4987^36	4643F30	4907F35	4977^36			
38	4694F31	4963F35	5055F37	4681F30	4949F35	5041F36			
36	4732F31	5004F36	5071A37	4719F31	4990F35	5071A37			
34	4757F31	5031F36	5071A37	4744F31	5017F36	5071A37			
32	4770F31	5044F36	5071A37	4757F31	5031F36	5071A37			
30	4782F32	5057F36	5071A37	4769F31	5044F36	5071A37			
20	4843F33	5071A36	5071A36	4831F32	5071A36	5071A36			
10	4904F34	5071A36	5071A36	4868F33	5071A37	5071A37			
0	4972F35	5071A36	5071A36	4928F34	5071A37	5071A37			
-10	5036F36	5071A36	5071A36	4987F35	5071A37	5071A37			
	High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH **+0** per .10" Low QNH **-190** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4296F15	4579^24	4644D27	4288F14	4571^24	4634D27			
46	4370F15	4676F25	4734^28	4361F15	4666F24	4724^28			
44	4439F16	4750F25	4815^28	4425F15	4735F25	4804^28			
42	4503F16	4819F26	4897^29	4482F16	4794F25	4881^29			
40	4548F16	4865F26	4965^29	4539F16	4854F26	4955^29			
38	4591F17	4909F26	5017F29	4581F16	4898F26	5005F29			
36	4633F17	4952F26	5060F29	4624F17	4941F26	5049F29			
34	4660F17	4981F27	5071A30	4650F17	4970F26	5071A30			
32	4674F17	4996F27	5071A30	4664F17	4985F27	5071A30			
30	4687F18	5009F27	5071A31	4678F17	4998F27	5071A30			
20	4755F19	5071A29	5071A33	4746F19	5071A29	5071A33			
10	4822F21	5071A32	5071A35	4789F21	5071A31	5071A35			
0	4898F23	5071A34	5071A36	4857F23	5071A34	5071A37			
-10	4973F25	5071A36	5071A36	4930F25	5071A36	5071A37			
	High QNH **+0** per .10" Low QNH **-180** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4409F 6	4499F 9	3668F 1	4089F 9	4250F11			
26		4421F 6	4512F 9	3680F 1	4117F 9	4263F11			
24		4432F 6	4525F10	3692F 1	4142F 9	4279F12			
22		4444F 7	4538F10	3704F 1	4160F 9	4295F12			
20	2678F 3	4456F 7	4550F10	3715F 2	4176F10	4312F12			
18	2852F 3	4468F 8	4563F11	3728F 2	4190F10	4327F13			
16	3000F 3	4479F 8	4575F11	3739F 2	4205F10	4344F13			
14	3141F 3	4491F 8	4587F12	3752F 3	4221F11	4357F13			
12	3278F 3	4502F 9	4599F12	3764F 3	4236F11	4374F14			
10	3402F 2	4514F 9	4612F13	3781F 3	4254F11	4390F14			
0	4062F 2	4583F11	4682F15	3857F 5	4339F13	4472F16			
-10	4260F 3	4650F13	4755F17	3936F 6	4418F14	4555F17			
-20		4719F15	4829F19	4037F 8	4498^16	4606^18			
-30	4479F 7	4792F18	4906F21	4161F 9	4538^17	4595^18			
	High QNH **+90** per .10" Low QNH **-100** per .10"			High QNH **+110** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-460** Wing A/I ON **-460**			Engine A/I ON **-490** Wing A/I ON **-490**			Engine A/I ON Wing A/I ON		

Elevation	38	Length	8038	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.19
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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TAR Mexico **EMB-145** **AE3007A1P**

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1038'		**DT H266**	**1038'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	87.6	4536^30	4636^31	4669^32
46	87.7	4629F31	4749^33	4783^33
44	87.6	4679F31	4833^34	4867^35
42	87.4	4697F32	4885^35	4920^36
40	87.1	4714F32	4893^35	4927^36
38	86.9	4725F32	4895^35	4930^36
36	86.6	4736F32	4896^35	4932^36
34	86.3	4747F33	4897^35	4933^36
32	86.0	4759F33	4899^35	4934^36
30	85.7	4771F33	4900^35	4936^36
20	84.3	4794^33	4904^35	4941^36
10	82.8	4783^33	4896^35	4935^36
0	81.3	4784^33	4901^35	4941^36
-10	79.8	4777^33	4898^35	4939^36
-20	78.3	4766^33	4890^35	4933^36
-30	76.7	4751^33	4880^35	4924^35

ALT TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4464F17	4636D27	4669D31	4721
4539F18	4748^28	4783D31	4840
4586F18	4831^28	4867D31	4899
4603F19	4882^28	4920D31	4947
4621F19	4890^28	4927D32	4959
4634F19	4893^29	4930D32	4961
4646F20	4894^29	4932D33	4962
4660F20	4896^30	4933D33	4964
4673F20	4898^30	4934D34	4966
4687F21	4900^31	4936D34	4968
4756F22	4904D33	4941D36	4976
4778^25	4896D35	4935D36	4972
4783^27	4901D35	4941D36	4984
4777D29	4898D35	4939D36	4988
4766D32	4890D35	4933D36	4985
4751D33	4880D35	4924D36	4983

High QNH **+0** per .10" Engine A/I ON **-850**
Low QNH **-170** per .10" Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.8	4550^30	4648^32	4680^32
46	90.9	4663^31	4762^33	4795^34
44	90.8	4769^33	4869^35	4903^35
42	90.5	4873^34	4974^36	5009^37
40	90.2	4937F35	5069^37	5071A37
38	90.0	4975F35	5071A37	5071A37
36	89.7	5015F36	5071A37	5071A37
34	89.4	5041F36	5071A37	5071A37
32	89.1	5054F36	5071A37	5071A37
30	88.8	5067F36	5071A37	5071A37
20	87.3	5071A36	5071A36	5071A36
10	85.8	5071A36	5071A36	5071A36
0	84.2	5071A36	5071A36	5071A36
-10	82.7	5071A36	5071A36	5071A36
-20	81.1	5071A36	5071A36	5071A36
-30	79.5	5071A36	5071A36	5071A36

TO - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4539F19	4648D29	4680D32	4722
4617F19	4762D30	4795D33	4841
4690F20	4869D30	4903D33	4947
4758F20	4972^30	5009D34	5050
4805F21	5066^30	5071A34	5071
4849F21	5071A31	5071A34	5071
4893F21	5071A31	5071A35	5071
4922F21	5071A32	5071A35	5071
4937F22	5071A32	5071A36	5071
4949F22	5071A33	5071A36	5071
5023F24	5071A35	5071A36	5071
5071A26	5071A36	5071A36	5071
5071A28	5071A36	5071A36	5071
5071A31	5071A36	5071A36	5071
5071A33	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-180** per .10" Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4550^30-30-39	4648^32-32-41	4680^32-32-41	4713^33-33-42
46	90.9	4663^31-31-41	4762^33-33-42	4795^34-34-43	4829^34-34-43
44	90.8	4769^33-33-42	4869^35-35-44	4903^35-35-44	4936^36-36-45
42	90.5	4873^34-34-44	4974^36-36-45	5009^37-37-46	5042^37-37-46
40	90.2	4937F35-35-45	5069^37-37-47	5071A37-37-47	5071A37-37-47
38	90.0	4975F35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	5015F36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	5041F36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	5054F36-36-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	5067F36-36-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-180** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	38	Length	8865	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.19
Rwy Rev.		Program						Rules	FAA		**13 Mar 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4550^30	4648^32	4680^32
46	4663^31	4762^33	4795^34
44	4769^33	4869^35	4903^35
42	4873^34	4974^36	5009^37
40	4937F35	5069^37	5071A37
38	4975F35	5071A37	5071A37
36	5015F36	5071A37	5071A37
34	5041F36	5071A37	5071A37
32	5054F36	5071A37	5071A37
30	5067F36	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4542^30	4641^31	4673^32
46	4655^31	4755^33	4787^34
44	4760^33	4860^34	4894^35
42	4860F34	4965^36	4998^36
40	4923F35	5061^37	5071A37
38	4963F35	5071A37	5071A37
36	5001F36	5071A37	5071A37
34	5026F36	5071A37	5071A37
32	5040F36	5071A37	5071A37
30	5053F36	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4539F19	4648D29	4680D32
46	4617F19	4762D30	4795D33
44	4690F20	4869D30	4903D33
42	4758F20	4972^30	5009D34
40	4805F21	5066^30	5071A34
38	4849F21	5071A31	5071A34
36	4893F21	5071A31	5071A35
34	4922F21	5071A32	5071A35
32	4937F22	5071A32	5071A36
30	4949F22	5071A33	5071A36
20	5023F24	5071A35	5071A36
10	5071A26	5071A36	5071A36
0	5071A28	5071A36	5071A36
-10	5071A31	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4530F19	4641D29	4673D32
46	4607F19	4755D30	4787D33
44	4676F20	4860^30	4894D33
42	4735F20	4962^30	4998D33
40	4795F20	5058^30	5071A34
38	4839F21	5071A31	5071A34
36	4883F21	5071A31	5071A35
34	4912F21	5071A31	5071A35
32	4926F21	5071A32	5071A36
30	4941F22	5071A32	5071A36
20	5013F24	5071A35	5071A36
10	5062F25	5071A37	5071A37
0	5071A28	5071A37	5071A37
-10	5071A30	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3826F 2	4646F 9	4737F13
26	3945F 2	4658F10	4751F13
24	4042F 2	4671F10	4764F13
22	4157F 2	4684F10	4778F14
20	4258F 1	4696F11	4791F14
18	4379F 1	4707F11	4804F15
16	4451F 2	4720F12	4817F15
14	4462F 2	4733F12	4830F15
12	4474F 2	4745F12	4843F16
10	4486F 3	4757F13	4856F16
0	4548F 5	4830F15	4930F18
-10	4608F 7	4899F17	5006F20
-20	4671F 9	4973F19	5071A23
-30	4735F11	5050F21	5071A25

High QNH **+70** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-470**
Wing A/I ON **-470**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	4007F 3	4354F12	4473F15
26	4022F 3	4369F12	4487F15
24	4036F 4	4383F12	4504F15
22	4053F 4	4398F13	4520F16
20	4066F 4	4410F13	4536F16
18	4081F 5	4423F13	4550F16
16	4098F 5	4437F14	4559^16
14	4114F 5	4451F14	4569^17
12	4134F 5	4466F14	4580^17
10	4149F 6	4482F15	4593^18
0	4218F 7	4539^17	4623^18
-10	4281F 9	4568^17	4619^18
-20	4344^11	4559^17	4610^18
-30	4362^13	4547^17	4599^18

High QNH **+80** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-650**
Wing A/I ON **-650**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	38	Length	8865	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.19
Rwy Rev.		Program						Rules	FAA		**13 Mar 19**

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TAR Mexico **EMB-145** **AE3007A1P**

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1038'		**DT H266**	**1038'**	

NOTAMS A1990/19

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4341F26	4595F31	4668^32	4262F13	4559F22	4661F25	4721
46	87.7	4417F27	4677F32	4765F33	4335F13	4636F23	4740F26	4840
44	87.6	4464F28	4727F32	4816F34	4380F14	4684F23	4788F26	4899
42	87.4	4479F28	4745F33	4835F34	4397F14	4703F24	4808F27	4947
40	87.1	4496F28	4762F33	4852F34	4414F14	4722F24	4827F27	4959
38	86.9	4507F28	4774F33	4864F35	4426F15	4735F24	4840F27	4961
36	86.6	4518F29	4785F33	4876F35	4438F15	4748F25	4854F28	4962
34	86.3	4529F29	4797F33	4887F35	4451F15	4761F25	4868F28	4964
32	86.0	4540F29	4810F34	4900F35	4463F16	4775F25	4883F28	4966
30	85.7	4552F29	4822F34	4913F35	4476F16	4789F26	4897F29	4968
20	84.3	4612F30	4884F35	4941^36	4541F18	4861F27	4940^31	4976
10	82.8	4672F31	4897^35	4935^36	4606F20	4896^30	4935D33	4972
0	81.3	4737F32	4901^35	4941^36	4679F21	4901D32	4941D35	4984
-10	79.8	4777^33	4898^35	4939^36	4751F23	4898D34	4939D36	4988
-20	78.3	4765^33	4890^35	4933^36	4763^26	4890D35	4933D36	4985
-30	76.7	4751^33	4880^35	4924^35	4751D28	4880D35	4924D36	4983

High QNH **+0** per .10" Engine A/I ON **-850**
Low QNH **-160** per .10" Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4441F28	4648^32	4680^32	4332F14	4639F24	4680^27	4722
46	90.9	4519F29	4763^33	4796^34	4406F15	4718F24	4793^28	4841
44	90.8	4595F30	4861F34	4903^35	4476F15	4792F25	4898^28	4947
42	90.5	4666F31	4934F35	5008^37	4541F16	4862F25	4970F29	5050
40	90.2	4708F31	4980F36	5071A37	4587F16	4909F26	5018F29	5071
38	90.0	4747F32	5023F36	5071A37	4629F16	4952F26	5063F29	5071
36	89.7	4785F32	5063F37	5071A37	4672F16	4994F26	5071A29	5071
34	89.4	4810F32	5071A37	5071A37	4701F16	5023F26	5071A30	5071
32	89.1	4822F32	5071A37	5071A37	4715F17	5039F27	5071A30	5071
30	88.8	4835F33	5071A37	5071A37	4729F17	5054F27	5071A31	5071
20	87.3	4895F34	5071A36	5071A36	4797F19	5071A29	5071A33	5071
10	85.8	4958F35	5071A36	5071A36	4865F21	5071A31	5071A35	5071
0	84.2	5028F36	5071A36	5071A36	4941F23	5071A34	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5017F25	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A27	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A29	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4441F28-28-38	4648^32-32-41	4680^32-32-41	4713^33-33-42
46	90.9	4519F29-29-39	4763^33-33-42	4796^34-34-43	4828^34-34-43
44	90.8	4595F30-30-40	4861F34-34-44	4903^35-35-44	4936^36-36-45
42	90.5	4666F31-31-41	4934F35-35-45	5008^37-37-46	5042^37-37-46
40	90.2	4708F31-31-42	4980F36-36-45	5071A37-37-47	5071A37-37-47
38	90.0	4747F32-32-42	5023F36-36-46	5071A37-37-47	5071A37-37-47
36	89.7	4785F32-32-43	5063F37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	4810F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	4822F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	4835F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.3	4895F34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	4958F35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5028F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	38	Length	8038	Shift	**-827**	Clearway	0	Stopway	0	Slope	-0.19
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4441F28	4648^32	4680^32	4430F28	4640^31	4673^32			
46	4519F29	4763^33	4796^34	4507F29	4755^33	4788^34			
44	4595F30	4861F34	4903^35	4577F30	4842F34	4894^35			
42	4666F31	4934F35	5008^37	4635F30	4903F35	4996F36			
40	4708F31	4980F36	5071A37	4694F31	4966F36	5060F37			
38	4747F32	5023F36	5071A37	4733F31	5008F36	5071A37			
36	4785F32	5063F37	5071A37	4772F32	5049F36	5071A37			
34	4810F32	5071A37	5071A37	4797F32	5071A37	5071A37			
32	4822F32	5071A37	5071A37	4809F32	5071A37	5071A37			
30	4835F33	5071A37	5071A37	4822F32	5071A37	5071A37			
20	4895F34	5071A36	5071A36	4883F33	5071A36	5071A36			
10	4958F35	5071A36	5071A36	4921F34	5071A37	5071A37			
0	5028F36	5071A36	5071A36	4984F35	5071A37	5071A37			
-10	5071A36	5071A36	5071A36	5048F36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4332F14	4639F24	4680^27	4324F14	4629F24	4672^27			
46	4406F15	4718F24	4793^28	4398F15	4708F24	4785^27			
44	4476F15	4792F25	4898^28	4463F15	4777F25	4886F28			
42	4541F16	4862F25	4970F29	4520F15	4838F25	4945F28			
40	4587F16	4909F26	5018F29	4577F16	4898F25	5007F29			
38	4629F16	4952F26	5063F29	4619F16	4941F26	5051F29			
36	4672F16	4994F26	5071A29	4663F16	4983F26	5071A29			
34	4701F16	5023F26	5071A30	4692F16	5012F26	5071A30			
32	4715F17	5039F27	5071A30	4706F17	5028F26	5071A30			
30	4729F17	5054F27	5071A31	4720F17	5043F27	5071A30			
20	4797F19	5071A29	5071A33	4788F19	5071A29	5071A33			
10	4865F21	5071A31	5071A35	4831F21	5071A31	5071A35			
0	4941F23	5071A34	5071A36	4901F23	5071A34	5071A37			
-10	5017F25	5071A36	5071A36	4973F25	5071A36	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4445F 5	4538F 8	3701F99	4152F 8	4287F10			
26		4457F 5	4550F 8	3717F 0	4168F 8	4304F11			
24		4470F 5	4563F 9	3727F 0	4182F 8	4318F11			
22		4483F 6	4576F 9	3739F 0	4198F 8	4334F11			
20		4495F 6	4589F 9	3752F 1	4214F 9	4351F12			
18		4506F 6	4601F10	3765F 1	4228F 9	4366F12			
16		4518F 7	4614F10	3777F 1	4243F 9	4380F12			
14		4530F 7	4626F11	3790F 2	4258F10	4394F13			
12	2661F 4	4542F 8	4639F11	3805F 2	4274F10	4411F13			
10	2856F 3	4552F 8	4651F11	3821F 2	4292F10	4427F13			
0	3638F 2	4622F10	4722F13	3901F 4	4378F12	4514F15			
-10	3882F 4	4690F12	4795F16	3990F 5	4457F14	4575^17			
-20	4250F 3	4760F14	4869F18	4099F 7	4516^16	4608^18			
-30		4833F17	4945F20	4204F 8	4547^17	4599^18			
	High QNH +90 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -130 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -470 Wing A/I ON -470			Engine A/I ON -520 Wing A/I ON -520			Engine A/I ON Wing A/I ON		

Elevation	38	Length	8038	Shift	**-827**	Clearway	0	Stopway	0	Slope	-0.19
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1038'		**DT H105**	**1038'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4534^30	4633^31	4666^32
46	87.7	4646^31	4747^33	4780^33
44	87.6	4727^32	4830^34	4865^35
42	87.4	4778^33	4882^35	4917^35
40	87.1	4785^33	4891^35	4925^36
38	86.9	4787^33	4893^35	4928^36
36	86.6	4788^33	4894^35	4929^36
34	86.3	4789^33	4895^35	4931^36
32	86.0	4789^33	4896^35	4932^36
30	85.7	4790^33	4898^35	4933^36
20	84.3	4791^33	4902^35	4939^36
10	82.8	4780^33	4894^35	4932^36
0	81.3	4781^33	4898^35	4938^36
-10	79.8	4775^33	4896^35	4937^36
-20	78.3	4763^33	4888^35	4931^36
-30	76.7	4748^33	4878^35	4922^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4534D27	4633D31	4666D32	4721
4646D27	4747D33	4780D34	4840
4727^28	4830D34	4865D35	4899
4777^28	4882D35	4917D36	4947
4785^28	4891D35	4925D36	4959
4787^29	4893D35	4928D36	4961
4788D29	4894D35	4929D36	4962
4789D30	4895D35	4931D36	4964
4789D30	4896D35	4932D36	4966
4790D30	4898D35	4933D36	4968
4791D33	4902D35	4939D36	4976
4780D33	4894D35	4932D36	4972
4781D33	4898D35	4938D36	4984
4775D33	4896D35	4937D36	4988
4763D33	4888D35	4931D36	4985
4748D33	4878D35	4922D36	4983

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-170** per .10" — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4548^30	4646^32	4678^32
46	90.9	4662^31	4760^33	4793^34
44	90.8	4767^33	4867^35	4901^35
42	90.5	4870^34	4972^36	5006^37
40	90.2	4964^36	5067^37	5071A37
38	90.0	5054^37	5071A37	5071A37
36	89.7	5071A37	5071A37	5071A37
34	89.4	5071A37	5071A37	5071A37
32	89.1	5071A37	5071A37	5071A37
30	88.8	5071A37	5071A37	5071A37
20	87.3	5071A36	5071A36	5071A36
10	85.8	5071A36	5071A36	5071A36
0	84.2	5071A36	5071A36	5071A36
-10	82.7	5071A36	5071A36	5071A36
-20	81.1	5071A36	5071A36	5071A36
-30	79.5	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4548D29	4646D32	4678D32	4722
4662D29	4760D33	4793D34	4841
4767D30	4867D35	4901D35	4947
4870D30	4972D36	5006D37	5050
4963^30	5067D37	5071A37	5071
5051^30	5071A37	5071A37	5071
5071A30	5071A37	5071A37	5071
5071A31	5071A37	5071A37	5071
5071A31	5071A37	5071A37	5071
5071A32	5071A37	5071A37	5071
5071A34	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4548^30-30-39	4646^32-32-41	4678^32-32-41	4711^33-33-42
46	90.9	4662^31-31-41	4760^33-33-42	4793^34-34-43	4827^34-34-43
44	90.8	4767^33-33-42	4867^35-35-44	4901^35-35-44	4934^36-36-45
42	90.5	4870^34-34-44	4972^36-36-45	5006^37-37-46	5040^37-37-46
40	90.2	4964^36-36-45	5067^37-37-47	5071A37-37-47	5071A37-37-47
38	90.0	5054^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	38	Length	10499	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**23 Feb 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4548^30	4646^32	4678^32
46	4662^31	4760^33	4793^34
44	4767^33	4867^35	4901^35
42	4870^34	4972^36	5006^37
40	4964^36	5067^37	5071A37
38	5054^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4540^30	4638^31	4671^32
46	4654^31	4752^33	4785^34
44	4758^33	4858^34	4892^35
42	4860^34	4962^36	4996^36
40	4956^35	5059^37	5071A37
38	5046^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4548D29	4646D32	4678D32
46	4662D29	4760D33	4793D34
44	4767D30	4867D35	4901D35
42	4870D30	4972D36	5006D37
40	4963^30	5067D37	5071A37
38	5051^30	5071A37	5071A37
36	5071A30	5071A37	5071A37
34	5071A31	5071A37	5071A37
32	5071A31	5071A37	5071A37
30	5071A32	5071A37	5071A37
20	5071A34	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4540D29	4638D32	4671D32
46	4654D29	4752D33	4785D34
44	4758D30	4858D35	4892D35
42	4860D30	4962D36	4996D36
40	4955^30	5059D37	5071A37
38	5043^30	5071A37	5071A37
36	5071A30	5071A37	5071A37
34	5071A31	5071A37	5071A37
32	5071A31	5071A37	5071A37
30	5071A32	5071A37	5071A37
20	5071A34	5071A36	5071A36
10	5071A36	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4733F 8	5005F18	5071A21
26	4745F 9	5020F18	5071A22
24	4758F 9	5034F19	5071A22
22	4770F 9	5047F19	5071A23
20	4783F10	5062F20	5071A23
18	4793F10	5071A20	5071A24
16	4806F11	5071A21	5071A24
14	4818F11	5071A21	5071A25
12	4831F11	5071A21	5071A25
10	4843F12	5071A22	5071A26
0	4913F14	5071A24	5071A28
-10	4980F16	5071A27	5071A31
-20	5051F18	5071A30	5071A34
-30	5071A21	5071A33	5071A36

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4421F12	4644F22	4723F24
26	4429F13	4655F22	4736F25
24	4440F13	4666F22	4745F25
22	4451F13	4679F23	4757F25
20	4462F14	4690F23	4770F26
18	4472F14	4701F23	4782F26
16	4482F14	4714F24	4796F27
14	4492F15	4725F24	4808F27
12	4503F15	4736F24	4820F27
10	4513F16	4748F25	4832F28
0	4572F17	4813F27	4904F30
-10	4626F19	4878F29	4973F31
-20	4680F21	4946F31	5046F33
-30	4736F23	5016F33	5071A36

High QNH **+90** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-520**
Wing A/I ON **-520**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 38 Length 10499 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **23 Feb 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1038'		**DT H181**	**1038'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4188F23	4441F28	4525F29
46	87.7	4263F24	4519F29	4605F30
44	87.6	4308F25	4566F29	4655F31
42	87.4	4324F25	4582F30	4673F31
40	87.1	4340F25	4599F30	4690F32
38	86.9	4350F25	4611F30	4701F32
36	86.6	4360F26	4622F30	4713F32
34	86.3	4371F26	4634F31	4724F32
32	86.0	4382F26	4647F31	4737F32
30	85.7	4393F26	4659F31	4749F33
20	84.3	4450F27	4720F32	4799^33
10	82.8	4505F28	4763^33	4817^34
0	81.3	4567F29	4789^33	4844^34
-10	79.8	4627F30	4810^34	4864^34
-20	78.3	4668^31	4826^34	4880^35
-30	76.7	4681^31	4840^34	4895^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4121F10	4413F20	4511F23	4721
4191F11	4486F20	4588F23	4840
4234F11	4532F21	4635F24	4899
4249F11	4551F21	4654F24	4947
4266F12	4568F21	4672F24	4959
4277F12	4581F22	4685F25	4961
4289F12	4594F22	4699F25	4962
4301F13	4608F22	4712F25	4964
4313F13	4621F23	4726F26	4966
4325F13	4633F23	4740F26	4968
4388F15	4703F25	4799D28	4976
4451F17	4760^27	4817D30	4972
4521F19	4789D29	4844D32	4984
4589F21	4810D31	4864D35	4988
4659F23	4826D33	4880D35	4985
4681D25	4840D35	4895D35	4983

High QNH **+40** per .10" — Low QNH **-160** per .10"

Engine A/I ON **-730** — Wing A/I ON **-730**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4282F25	4528^29	4577^30
46	90.9	4360F26	4617F31	4683^32
44	90.8	4433F27	4695F32	4781^33
42	90.5	4499F28	4767F33	4857F34
40	90.2	4541F28	4810F33	4902F34
38	90.0	4580F29	4850F33	4945F35
36	89.7	4618F29	4888F34	4982F35
34	89.4	4643F29	4912F34	5010F36
32	89.1	4655F29	4926F34	5024F36
30	88.8	4666F30	4939F34	5037F36
20	87.3	4726F31	5007F35	5071A36
10	85.8	4784F32	5071A36	5071A36
0	84.2	4850F33	5071A36	5071A36
-10	82.7	4912F34	5071A36	5071A36
-20	81.1	4977F35	5071A36	5071A36
-30	79.5	5045F36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4185F11	4489F21	4571^24	4722
4257F12	4564F22	4670F25	4841
4324F12	4635F22	4743F25	4947
4387F13	4702F23	4811F26	5050
4433F13	4747F23	4858F26	5071
4476F13	4790F23	4901F26	5071
4518F13	4832F23	4942F26	5071
4547F14	4860F24	4970F27	5071
4560F14	4875F24	4985F27	5071
4573F14	4890F24	5001F27	5071
4638F16	4962F26	5071A29	5071
4701F18	5037F28	5071A32	5071
4775F20	5071A30	5071A34	5071
4847F22	5071A33	5071A36	5071
4921F24	5071A35	5071A36	5071
4998F26	5071A36	5071A36	5071

High QNH **+0** per .10" — Low QNH **-160** per .10"

Engine A/I ON **-420** — Wing A/I ON **-420**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4282F25-25-35	4528^29-29-39	4577^30-30-40	4627^31-31-40
46	90.9	4360F26-26-36	4617F31-31-40	4683^32-32-41	4734^33-33-42
44	90.8	4433F27-27-38	4695F32-32-41	4781^33-33-43	4832^34-34-43
42	90.5	4499F28-28-39	4767F33-33-42	4857F34-34-44	4924^35-35-45
40	90.2	4541F28-28-39	4810F33-33-43	4902F34-34-44	4995F36-36-46
38	90.0	4580F29-29-40	4850F33-33-44	4945F35-35-45	5038F36-36-46
36	89.7	4618F29-29-40	4888F34-34-44	4982F35-35-46	5071A37-37-47
34	89.4	4643F29-29-41	4912F34-34-45	5010F36-36-46	5071A37-37-47
32	89.1	4655F29-29-41	4926F34-34-45	5024F36-36-46	5071A37-37-47
30	88.8	4666F30-30-41	4939F34-34-45	5037F36-36-46	5071A37-37-47
20	87.3	4726F31-31-42	5007F35-35-46	5071A36-36-47	5071A36-36-47
10	85.8	4784F32-32-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	4850F33-33-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	4912F34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	4977F35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5045F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Low QNH **-160** per .10"

Engine A/I ON **-420** — Wing A/I ON **-420**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	38	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**21 Dec 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4282F25	4528^29	4577^30	4271F25	4520^29	4569^30			
46	4360F26	4617F31	4683^32	4348F26	4605F30	4676^32			
44	4433F27	4695F32	4781^33	4415F27	4677F31	4765F33			
42	4499F28	4767F33	4857F34	4471F27	4738F32	4827F34			
40	4541F28	4810F33	4902F34	4528F28	4797F33	4889F34			
38	4580F29	4850F33	4945F35	4567F28	4836F33	4931F35			
36	4618F29	4888F34	4982F35	4605F29	4875F33	4971F35			
34	4643F29	4912F34	5010F36	4630F29	4901F34	4996F35			
32	4655F29	4926F34	5024F36	4642F29	4913F34	5010F36			
30	4666F30	4939F34	5037F36	4654F29	4926F34	5024F36			
20	4726F31	5007F35	5071A36	4714F30	4994F35	5071A36			
10	4784F32	5071A36	5071A36	4748F31	5035F36	5071A37			
0	4850F33	5071A36	5071A36	4807F32	5071A37	5071A37			
-10	4912F34	5071A36	5071A36	4868F33	5071A37	5071A37			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-420** Wing A/I ON **-420**			Engine A/I ON **-70** Wing A/I ON **-70**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4185F11	4489F21	4571^24	4177F11	4480F21	4564^24			
46	4257F12	4564F22	4670F25	4248F12	4556F22	4660F25			
44	4324F12	4635F22	4743F25	4312F12	4621F22	4728F25			
42	4387F13	4702F23	4811F26	4368F13	4678F22	4788F26			
40	4433F13	4747F23	4858F26	4424F13	4737F23	4847F26			
38	4476F13	4790F23	4901F26	4467F13	4779F23	4890F26			
36	4518F13	4832F23	4942F26	4509F13	4821F23	4932F26			
34	4547F14	4860F24	4970F27	4538F14	4850F24	4958F27			
32	4560F14	4875F24	4985F27	4551F14	4865F24	4974F27			
30	4573F14	4890F24	5001F27	4564F14	4880F24	4990F27			
20	4638F16	4962F26	5071A29	4629F16	4951F26	5068F29			
10	4701F18	5037F28	5071A32	4668F18	5002F28	5071A31			
0	4775F20	5071A30	5071A34	4734F20	5071A30	5071A34			
-10	4847F22	5071A33	5071A36	4805F22	5071A32	5071A36			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-410** Wing A/I ON **-410**			Engine A/I ON **-60** Wing A/I ON **-60**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3197F95	4251F 2	4530F 4	3533F97	3930F 6	4144F 8			
26	3237F95	4281F 2	4556F 5	3544F98	3950F 6	4161F 8			
24	3273F95	4308F 2	4584F 5	3555F98	3971F 6	4177F 9			
22	3307F96	4337F 3	4603^ 5	3564F98	3991F 7	4191F 9			
20	3342F96	4365F 3	4604^ 6	3580F99	4015F 7	4209F 9			
18	3384F96	4393F 3	4605^ 6	3590F99	4037F 7	4224F10			
16	3436F96	4423F 4	4604^ 6	3601F99	4061F 7	4239F10			
14	3488F97	4452F 4	4602^ 7	3613F99	4085F 8	4255F10			
12	3523F97	4480F 4	4599^ 7	3626F 0	4114F 8	4272F11			
10	3570F97	4510F 4	4600^ 8	3641F 0	4143F 8	4289F11			
0	3785F99	4555^ 6	4611^10	3713F 2	4234F10	4376F12			
-10	3836F 1	4557^ 9	4615^12	3789F 3	4317F11	4460F14			
-20	4005F 2	4554^11	4613^15	3895F 5	4402F13	4544^16			
-30	4173F 3	4549^14	4607D18	3997F 6	4483^15	4596^18			
	High QNH **+80** per .10" Low QNH **-90** per .10"			High QNH **+100** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-720** Wing A/I ON **-720**			Engine A/I ON **-510** Wing A/I ON **-510**			Engine A/I ON Wing A/I ON		

Elevation	38	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**21 Dec 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1038'		**DT H285**	**1038'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4534^30	4633^31	4666^32	4534D27	4633D31	4666D32	4721
46	87.7	4646^31	4747^33	4780^33	4646D27	4747D33	4780D34	4840
44	87.6	4727^32	4830^34	4865^35	4727^28	4830D34	4865D35	4899
42	87.4	4778^33	4882^35	4917^35	4777^28	4882D35	4917D36	4947
40	87.1	4785^33	4891^35	4925^36	4785^28	4891D35	4925D36	4959
38	86.9	4787^33	4893^35	4928^36	4787^29	4893D35	4928D36	4961
36	86.6	4788^33	4894^35	4929^36	4788D29	4894D35	4929D36	4962
34	86.3	4789^33	4895^35	4931^36	4789D30	4895D35	4931D36	4964
32	86.0	4789^33	4896^35	4932^36	4789D30	4896D35	4932D36	4966
30	85.7	4790^33	4898^35	4933^36	4790D30	4898D35	4933D36	4968
20	84.3	4791^33	4902^35	4939^36	4791D33	4902D35	4939D36	4976
10	82.8	4780^33	4894^35	4932^36	4780D33	4894D35	4932D36	4972
0	81.3	4781^33	4898^35	4938^36	4781D33	4898D35	4938D36	4984
-10	79.8	4775^33	4896^35	4937^36	4775D33	4896D35	4937D36	4988
-20	78.3	4763^33	4888^35	4931^36	4763D33	4888D35	4931D36	4985
-30	76.7	4748^33	4878^35	4922^35	4748D33	4878D35	4922D36	4983

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-170** per .10" — Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4548^30	4646^32	4678^32	4548D29	4646D32	4678D32	4722
46	90.9	4662^31	4760^33	4793^34	4662D29	4760D33	4793D34	4841
44	90.8	4767^33	4867^35	4901^35	4767D30	4867D35	4901D35	4947
42	90.5	4870^34	4972^36	5006^37	4870D30	4972D36	5006D37	5050
40	90.2	4964^36	5067^37	5071A37	4963^30	5067D37	5071A37	5071
38	90.0	5054^37	5071A37	5071A37	5051^30	5071A37	5071A37	5071
36	89.7	5071A37	5071A37	5071A37	5071A30	5071A37	5071A37	5071
34	89.4	5071A37	5071A37	5071A37	5071A31	5071A37	5071A37	5071
32	89.1	5071A37	5071A37	5071A37	5071A31	5071A37	5071A37	5071
30	88.8	5071A37	5071A37	5071A37	5071A32	5071A37	5071A37	5071
20	87.3	5071A36	5071A36	5071A36	5071A34	5071A36	5071A36	5071
10	85.8	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
0	84.2	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-10	82.7	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-20	81.1	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071
-30	79.5	5071A36	5071A36	5071A36	5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4548^30-30-39	4646^32-32-41	4678^32-32-41	4711^33-33-42
46	90.9	4662^31-31-41	4760^33-33-42	4793^34-34-43	4827^34-34-43
44	90.8	4767^33-33-42	4867^35-35-44	4901^35-35-44	4934^36-36-45
42	90.5	4870^34-34-44	4972^36-36-45	5006^37-37-46	5040^37-37-46
40	90.2	4964^36-36-45	5067^37-37-47	5071A37-37-47	5071A37-37-47
38	90.0	5054^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	38	Length	10499	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**23 Feb 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4548^30	4646^32	4678^32
46	4662^31	4760^33	4793^34
44	4767^33	4867^35	4901^35
42	4870^34	4972^36	5006^37
40	4964^36	5067^37	5071A37
38	5054^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4540^30	4638^31	4671^32
46	4654^31	4752^33	4785^34
44	4758^33	4858^34	4892^35
42	4860^34	4962^36	4996^36
40	4956^35	5059^37	5071A37
38	5046^37	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A36	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4548D29	4646D32	4678D32
46	4662D29	4760D33	4793D34
44	4767D30	4867D35	4901D35
42	4870D30	4972D36	5006D37
40	4963^30	5067D37	5071A37
38	5051^30	5071A37	5071A37
36	5071A30	5071A37	5071A37
34	5071A31	5071A37	5071A37
32	5071A31	5071A37	5071A37
30	5071A32	5071A37	5071A37
20	5071A34	5071A36	5071A36
10	5071A36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4540D29	4638D32	4671D32
46	4654D29	4752D33	4785D34
44	4758D30	4858D35	4892D35
42	4860D30	4962D36	4996D36
40	4955^30	5059D37	5071A37
38	5043^30	5071A37	5071A37
36	5071A30	5071A37	5071A37
34	5071A31	5071A37	5071A37
32	5071A31	5071A37	5071A37
30	5071A32	5071A37	5071A37
20	5071A34	5071A36	5071A36
10	5071A36	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4733F 8	5005F18	5071A21
26	4745F 9	5020F18	5071A22
24	4758F 9	5030^19	5071A22
22	4770F 9	5041^19	5071A23
20	4783F10	5052^20	5071A23
18	4793F10	5064^20	5071A24
16	4806F11	5071A21	5071A24
14	4818F11	5071A21	5071A25
12	4831F11	5071A21	5071A25
10	4843F12	5071A22	5071A26
0	4913F14	5071A24	5071A28
-10	4980F16	5071A27	5071A31
-20	5051F18	5071A30	5071A34
-30	5071A21	5071A33	5071A36

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-220**
Wing A/I ON **-220**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4421F12	4644F22	4723F24
26	4429F13	4655F22	4736F25
24	4440F13	4666F22	4745F25
22	4451F13	4679F23	4757F25
20	4462F14	4690F23	4770F26
18	4472F14	4701F23	4782F26
16	4482F14	4714F24	4796F27
14	4492F15	4725F24	4808F27
12	4503F15	4736F24	4820F27
10	4513F16	4748F25	4832F28
0	4572F17	4813F27	4904F30
-10	4626F19	4878F29	4973F31
-20	4680F21	4946F31	5046F33
-30	4736F23	5016F33	5071A36

High QNH **+90** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-520**
Wing A/I ON **-520**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H
28			
26			
24			
22			
20			
18			
16			
14			
12			
10			
0			
-10			
-20			
-30			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 38 Length 10499 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **23 Feb 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1038'		**DT H001**	**1038'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	87.6	4162F23	4382^27	4435^28
46	87.7	4236F24	4475^28	4531^29
44	87.6	4281F24	4529^29	4584^30
42	87.4	4297F25	4546^29	4602^30
40	87.1	4313F25	4561^29	4618^30
38	86.9	4323F25	4568^29	4624^30
36	86.6	4333F25	4575^30	4630^31
34	86.3	4343F25	4581^30	4636^31
32	86.0	4354F26	4588^30	4644^31
30	85.7	4365F26	4594^30	4651^31
20	84.3	4421F27	4629^30	4684^31
10	82.8	4478F28	4655^31	4711^32
0	81.3	4527^29	4691^32	4748^32
-10	79.8	4556^29	4721^32	4777^33
-20	78.3	4582^30	4747^32	4803^33
-30	76.7	4606^30	4771^33	4828^34

ALT TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4095F 9	4372^19	4435D22	4721
4165F10	4459F20	4529^23	4840
4208F10	4505F20	4580^23	4899
4225F11	4523F20	4598^24	4947
4241F11	4541F21	4615^24	4959
4251F11	4553F21	4623^24	4961
4262F12	4561^21	4630D25	4962
4274F12	4569^22	4636D25	4964
4286F12	4578^22	4644D26	4966
4298F13	4586^23	4651D26	4968
4361F14	4629D24	4684D28	4976
4423F16	4655D27	4711D30	4972
4492F18	4691D29	4748D32	4984
4542^20	4721D31	4777D34	4988
4578^22	4747D33	4803D34	4985
4606D25	4771D34	4828D35	4983

High QNH **+50** per .10" Engine A/I ON **-660**
Low QNH **-160** per .10" Wing A/I ON **-660**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.8	4254F24	4421^28	4473^28
46	90.9	4332F25	4518^29	4571^30
44	90.8	4404F26	4606^30	4661^31
42	90.5	4470F27	4688^31	4744^32
40	90.2	4512F28	4757^32	4815^33
38	90.0	4550F28	4820F33	4880^34
36	89.7	4588F28	4858F33	4943^35
34	89.4	4613F29	4884F33	4979F35
32	89.1	4625F29	4895F34	4988^35
30	88.8	4637F29	4908F34	4995^35
20	87.3	4696F30	4973^35	5034^36
10	85.8	4754F31	5003^35	5065^36
0	84.2	4819F32	5044^36	5071A36
-10	82.7	4880F33	5071A36	5071A36
-20	81.1	4930^34	5071A36	5071A36
-30	79.5	4958^35	5071A36	5071A36

TO - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4160F11	4411^21	4473D24	4722
4229F11	4502^21	4571D25	4841
4297F12	4585^22	4656^25	4947
4359F12	4661^22	4735^26	5050
4405F12	4718F22	4800^26	5071
4448F13	4760F23	4860^26	5071
4490F13	4802F23	4913F26	5071
4518F13	4831F23	4941F26	5071
4532F13	4846F23	4955F27	5071
4544F14	4860F24	4970F27	5071
4609F16	4933F26	5024^29	5071
4672F17	4989^27	5065D31	5071
4744F19	5041^30	5071A33	5071
4816F21	5071A32	5071A36	5071
4890F23	5071A34	5071A36	5071
4943^25	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **-680**
Low QNH **-160** per .10" Wing A/I ON **-680**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4254F24-24-35	4421^28-28-37	4473^28-28-38	4525^29-29-39
46	90.9	4332F25-25-36	4518^29-29-39	4571^30-30-40	4624^31-31-40
44	90.8	4404F26-26-37	4606^30-30-40	4661^31-31-41	4715^32-32-42
42	90.5	4470F27-27-38	4688^31-31-41	4744^32-32-42	4800^33-33-43
40	90.2	4512F28-28-39	4757^32-32-42	4815^33-33-43	4873^34-34-44
38	90.0	4550F28-28-39	4820F33-33-43	4880^34-34-44	4939^35-35-45
36	89.7	4588F28-28-40	4858F33-33-44	4943^35-35-45	5004^36-36-46
34	89.4	4613F29-29-40	4884F33-33-44	4979F35-35-45	5040^36-36-46
32	89.1	4625F29-29-40	4895F34-34-44	4988^35-35-46	5050^36-36-47
30	88.8	4637F29-29-41	4908F34-34-44	4995^35-35-46	5058^36-36-47
20	87.3	4696F30-30-41	4973^35-35-45	5034^36-36-46	5071A36-36-47
10	85.8	4754F31-31-42	5003^35-35-46	5065^36-36-47	5071A36-36-47
0	84.2	4819F32-32-43	5044^36-36-46	5071A36-36-47	5071A36-36-47
-10	82.7	4880F33-33-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	4930^34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	4958^35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **-680**
Low QNH **-160** per .10" Wing A/I ON **-680**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	38	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4254F24	4421^28	4473^28
46	4332F25	4518^29	4571^30
44	4404F26	4606^30	4661^31
42	4470F27	4688^31	4744^32
40	4512F28	4757^32	4815^33
38	4550F28	4820F33	4880^34
36	4588F28	4858F33	4943^35
34	4613F29	4884F33	4979F35
32	4625F29	4895F34	4988^35
30	4637F29	4908F34	4995^35
20	4696F30	4973^35	5034^36
10	4754F31	5003^35	5065^36
0	4819F32	5044^36	5071A36
-10	4880F33	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-680**
Wing A/I ON **-680**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4244F24	4414^27	4464^28
46	4320F25	4510^29	4562^30
44	4387F26	4595^30	4650^31
42	4442F27	4672^31	4728^32
40	4499F27	4748^32	4806^33
38	4538F28	4806F33	4870^34
36	4576F28	4845F33	4934^34
34	4601F29	4871F33	4965F35
32	4613F29	4884F33	4977^35
30	4625F29	4898F34	4987^35
20	4684F30	4963F35	5026^36
10	4718F31	4955^35	5016^36
0	4776F32	4979^35	5039^36
-10	4837F33	5010^36	5071A37

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-140**
Wing A/I ON **-140**

DRY

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4160F11	4411^21	4473D24
46	4229F11	4502^21	4571D25
44	4297F12	4585^22	4656^25
42	4359F12	4661^22	4735^26
40	4405F12	4718F22	4800^26
38	4448F13	4760F23	4860^26
36	4490F13	4802F23	4913F26
34	4518F13	4831F23	4941F26
32	4532F13	4846F23	4955F27
30	4544F14	4860F24	4970F27
20	4609F16	4933F26	5024^29
10	4672F17	4989^27	5065D31
0	4744F19	5041^30	5071A33
-10	4816F21	5071A32	5071A36

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-650**
Wing A/I ON **-650**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4152F11	4404^21	4464D24
46	4223F11	4494^21	4562D24
44	4284F12	4574^22	4646^25
42	4340F12	4647^22	4719^25
40	4396F12	4707F22	4791^26
38	4438F12	4750F22	4851^26
36	4481F13	4792F23	4902F26
34	4509F13	4821F23	4931F26
32	4523F13	4835F23	4946F26
30	4536F14	4850F24	4959F27
20	4601F15	4923F25	5017^29
10	4638F17	4945^27	5016D31
0	4704F19	4979D30	5039D33
-10	4775F21	5010D32	5071A35

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-130**
Wing A/I ON **-130**

WET

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	2901F95	4193F 1	4476F 4
26	3102F95	4222F 2	4504F 4
24	3182F95	4250F 2	4531F 4
22	3217F95	4279F 2	4557F 5
20	3261F95	4308F 2	4585F 5
18	3320F96	4337F 3	4603^ 5
16	3360F96	4366F 3	4603^ 6
14	3400F96	4395F 3	4600^ 6
12	3460F97	4426F 4	4598^ 7
10	3511F97	4456F 4	4599^ 7
0	3708F98	4553^ 6	4609^ 9
-10	3757F 0	4555^ 8	4612^12
-20	3930F 1	4552^10	4610^14
-30	4102F 3	4547^13	4607^17

High QNH **+80** per .10"
Low QNH **-80** per .10"

Engine A/I ON **-710**
Wing A/I ON **-710**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3505F97	3894F 5	4095F 8
26	3516F97	3914F 6	4125F 8
24	3526F97	3934F 6	4150F 8
22	3539F98	3954F 6	4167F 8
20	3550F98	3975F 6	4183F 9
18	3560F98	3996F 7	4199F 9
16	3570F99	4018F 7	4212F 9
14	3580F99	4043F 7	4229F10
12	3596F99	4069F 7	4246F10
10	3610F 0	4097F 8	4263F10
0		4205F 9	4349F12
-10	3759^ 3	4291F11	4435F14
-20	3860F 5	4375F12	4523F15
-30	3956F 6	4462F14	4579^17

High QNH **+120** per .10"
Low QNH **-130** per .10"

Engine A/I ON **-490**
Wing A/I ON **-490**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 38 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **31 Aug 16**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1074'		**DT H107**	**1074'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4438F28	4627^31	4660^32
46	87.7	4516F29	4740^33	4773^33
44	87.6	4563F29	4822F34	4860^35
42	87.4	4583F30	4843F34	4915^35
40	87.2	4600F30	4861F35	4924^36
38	86.9	4611F30	4873F35	4928^36
36	86.6	4623F30	4883F35	4929^36
34	86.3	4634F31	4895^35	4931^36
32	86.1	4646F31	4896^35	4932^36
30	85.8	4658F31	4897^35	4933^36
20	84.4	4717F32	4902^35	4939^36
10	82.9	4776F33	4895^35	4932^36
0	81.4	4781^33	4898^35	4938^36
-10	79.9	4775^33	4896^35	4937^36
-20	78.4	4763^33	4888^35	4930^36
-30	76.8	4749^33	4878^35	4922^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4360F16	4625^25	4660D28	4714
4434F16	4734F25	4773D29	4833
4480F17	4783F26	4858^29	4895
4500F17	4805F26	4911F29	4946
4518F17	4825F27	4923^30	4959
4531F18	4838F27	4926^30	4961
4543F18	4852F27	4928^30	4962
4556F18	4866F28	4930^31	4964
4569F19	4880F28	4932D31	4966
4582F19	4894F28	4933D32	4968
4648F21	4901^31	4939D34	4976
4715F23	4895D33	4932D36	4972
4777^24	4898D35	4938D36	4984
4774^27	4896D35	4937D36	4987
4763D29	4888D35	4930D36	4985
4749D32	4878D35	4922D36	4983

High QNH **+0** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-850** — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4537F30	4639^31	4672^32
46	90.9	4620F31	4754^33	4787^34
44	90.8	4699F32	4860^34	4894^35
42	90.5	4772F33	4965^36	4999^36
40	90.3	4816F33	5060^37	5071A37
38	90.0	4856F33	5071A37	5071A37
36	89.7	4894F34	5071A37	5071A37
34	89.5	4918F34	5071A37	5071A37
32	89.2	4932F34	5071A37	5071A37
30	88.9	4944F34	5071A37	5071A37
20	87.4	5010F35	5071A36	5071A36
10	85.9	5071A37	5071A37	5071A37
0	84.3	5071A36	5071A36	5071A36
-10	82.8	5071A36	5071A36	5071A36
-20	81.2	5071A36	5071A36	5071A36
-30	79.6	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4435F17	4639^27	4672D30	4716
4511F18	4752^27	4787D31	4834
4581F18	4857^28	4894D31	4940
4646F19	4960^28	4998^32	5043
4693F19	5015F28	5071A32	5071
4738F19	5061F29	5071A32	5071
4781F19	5071A29	5071A33	5071
4810F20	5071A29	5071A33	5071
4825F20	5071A30	5071A34	5071
4839F20	5071A30	5071A34	5071
4910F22	5071A33	5071A36	5071
4978F24	5071A35	5071A37	5071
5059F26	5071A36	5071A36	5071
5071A28	5071A36	5071A36	5071
5071A31	5071A36	5071A36	5071
5071A33	5071A36	5071A36	5071

High QNH **+0** per .10" — Low QNH **-180** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4537F30-30-39	4639^31-31-41	4672^32-32-41	4705^33-33-42
46	90.9	4620F31-31-40	4754^33-33-42	4787^34-34-43	4820^34-34-43
44	90.8	4699F32-32-41	4860^34-34-44	4894^35-35-44	4927^36-36-45
42	90.5	4772F33-33-42	4965^36-36-45	4999^36-36-46	5033^37-37-46
40	90.3	4816F33-33-43	5060^37-37-47	5071A37-37-47	5071A37-37-47
38	90.0	4856F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	4894F34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.5	4918F34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.2	4932F34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.9	4944F34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.4	5010F35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.9	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Low QNH **-180** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	74	Length	8533	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.01
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4537F30	4639^31	4672^32
46	4620F31	4754^33	4787^34
44	4699F32	4860^34	4894^35
42	4772F33	4965^36	4999^36
40	4816F33	5060^37	5071A37
38	4856F33	5071A37	5071A37
36	4894F34	5071A37	5071A37
34	4918F34	5071A37	5071A37
32	4932F34	5071A37	5071A37
30	4944F34	5071A37	5071A37
20	5010F35	5071A36	5071A36
10	5071A37	5071A37	5071A37
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4525F29	4632^31	4665^32
46	4608F31	4746^33	4779^33
44	4680F31	4852^34	4885^35
42	4742F32	4956^36	4989^36
40	4802F33	5044^37	5071A37
38	4841F33	5071A37	5071A37
36	4880F34	5071A37	5071A37
34	4904F34	5071A37	5071A37
32	4917F34	5071A37	5071A37
30	4931F34	5071A37	5071A37
20	4997F35	5071A37	5071A37
10	5035F36	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4435F17	4639^27	4672D30
46	4511F18	4752^27	4787D31
44	4581F18	4857^28	4894D31
42	4646F19	4960^28	4998^32
40	4693F19	5015F28	5071A32
38	4738F19	5061F29	5071A32
36	4781F19	5071A29	5071A33
34	4810F20	5071A29	5071A33
32	4825F20	5071A30	5071A34
30	4839F20	5071A30	5071A34
20	4910F22	5071A33	5071A36
10	4978F24	5071A35	5071A37
0	5059F26	5071A36	5071A36
-10	5071A28	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4426F17	4631^27	4665D30
46	4501F18	4744^27	4779D31
44	4568F18	4848^28	4885D31
42	4624F18	4941F28	4988^31
40	4683F19	5004F28	5071A32
38	4727F19	5048F28	5071A32
36	4771F19	5071A29	5071A32
34	4800F19	5071A29	5071A33
32	4815F20	5071A30	5071A33
30	4830F20	5071A30	5071A34
20	4900F22	5071A32	5071A36
10	4946F24	5071A35	5071A37
0	5015F26	5071A37	5071A37
-10	5071A28	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3274F 2	4542F 8	4636F11
26	3399F 2	4555F 8	4646F12
24	3510F 2	4568F 9	4660F12
22	3628F 2	4581F 9	4673F12
20	3736F 2	4593F 9	4687F13
18	3860F 2	4605F10	4699F13
16	3975F 2	4617F10	4712F14
14	4097F 2	4629F11	4725F14
12	4203F 2	4641F11	4738F14
10	4328F 1	4653F11	4751F15
0	4445F 3	4723F13	4825F17
-10	4503F 5	4793F16	4899F19
-20	4564F 7	4865F18	4973F21
-30	4627F 9	4938F20	5052F23

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-480**
Wing A/I ON **-480**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3856F 2	4250F11	4378F13
26	3869F 3	4266F11	4396F14
24	3882F 3	4282F11	4411F14
22	3895F 3	4297F11	4426F14
20	3908F 3	4313F12	4442F14
18	3921F 4	4326F12	4456F15
16	3937F 4	4340F12	4469F15
14	3950F 4	4354F13	4485F15
12	3964F 5	4372F13	4500F16
10	3983F 5	4386F13	4516F16
0	4069F 6	4469F15	4596^18
-10	4162F 8	4533^17	4614^18
-20	4232F10	4554^17	4605^18
-30	4305F11	4542^17	4594^18

High QNH **+80** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-570**
Wing A/I ON **-570**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H
28			
26			
24			
22			
20			
18			
16			
14			
12			
10			
0			
-10			
-20			
-30			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	74	Length	8533	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.01
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1074'		**LT H100**	**1074'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4435F28	4627^31	4660^32
46	87.7	4513F29	4740^33	4773^33
44	87.6	4560F29	4819F34	4860^35
42	87.4	4580F30	4840F34	4915^35
40	87.2	4598F30	4858F34	4925^36
38	86.9	4609F30	4870F35	4927^36
36	86.6	4620F30	4880F35	4929^36
34	86.3	4632F31	4893F35	4931^36
32	86.1	4644F31	4896^35	4932^36
30	85.8	4655F31	4897^35	4933^36
20	84.4	4714F32	4901^35	4939^36
10	82.9	4773F33	4894^35	4932^36
0	81.4	4781^33	4898^35	4938^36
-10	79.9	4775^33	4896^35	4937^36
-20	78.4	4763^33	4888^35	4930^36
-30	76.8	4749^33	4878^35	4922^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4358F16	4624^25	4660D28	4714
4431F16	4731F25	4773D29	4833
4478F17	4781F26	4858^29	4895
4498F17	4802F26	4909F29	4946
4516F17	4822F27	4922^30	4959
4529F18	4836F27	4926^30	4961
4541F18	4849F27	4928^30	4962
4554F18	4863F28	4930^31	4964
4567F19	4877F28	4932^31	4966
4580F19	4892F28	4933D32	4968
4646F21	4901^31	4939D34	4976
4713F23	4894D33	4932D36	4972
4776^24	4898D35	4938D36	4984
4773^27	4896D35	4937D36	4987
4763D29	4888D35	4930D36	4985
4749D32	4878D35	4922D36	4983

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **-850** — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4534F30	4639^31	4672^32
46	90.9	4617F31	4754^33	4787^34
44	90.8	4696F32	4860^34	4894^35
42	90.5	4769F33	4965^36	4999^36
40	90.3	4813F33	5060^37	5071A37
38	90.0	4853F33	5071A37	5071A37
36	89.7	4891F34	5071A37	5071A37
34	89.5	4915F34	5071A37	5071A37
32	89.2	4928F34	5071A37	5071A37
30	88.9	4941F34	5071A37	5071A37
20	87.4	5006F35	5071A36	5071A36
10	85.9	5066F36	5071A37	5071A37
0	84.3	5071A36	5071A36	5071A36
-10	82.8	5071A36	5071A36	5071A36
-20	81.2	5071A36	5071A36	5071A36
-30	79.6	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4433F17	4639^27	4672D30	4716
4509F18	4752^27	4787D31	4834
4579F18	4856^28	4894D31	4940
4644F19	4960^28	4998^32	5043
4691F19	5013F28	5071A32	5071
4736F19	5058F29	5071A32	5071
4779F19	5071A29	5071A33	5071
4808F20	5071A29	5071A33	5071
4823F20	5071A30	5071A34	5071
4837F20	5071A30	5071A34	5071
4907F22	5071A33	5071A36	5071
4976F24	5071A35	5071A37	5071
5056F26	5071A36	5071A36	5071
5071A28	5071A36	5071A36	5071
5071A31	5071A36	5071A36	5071
5071A33	5071A36	5071A36	5071

High QNH **+0** per .10" — Low QNH **-180** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4534F30-30-39	4639^31-31-41	4672^32-32-41	4705^33-33-42
46	90.9	4617F31-31-40	4754^33-33-42	4787^34-34-43	4820^34-34-43
44	90.8	4696F32-32-41	4860^34-34-44	4894^35-35-44	4927^36-36-45
42	90.5	4769F33-33-42	4965^36-36-45	4999^36-36-46	5033^37-37-46
40	90.3	4813F33-33-43	5060^37-37-47	5071A37-37-47	5071A37-37-47
38	90.0	4853F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	4891F34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.5	4915F34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.2	4928F34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.9	4941F34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.4	5006F35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.9	5066F36-36-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Low QNH **-180** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	74	Length	8533	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.01
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4534F30	4639^31	4672^32	4522F29	4632^31	4664^32			
46	4617F31	4754^33	4787^34	4605F30	4746^33	4779^33			
44	4696F32	4860^34	4894^35	4677F31	4851^34	4885^35			
42	4769F33	4965^36	4999^36	4739F32	4956^36	4989^36			
40	4813F33	5060^37	5071A37	4799F33	5052^37	5071A37			
38	4853F33	5071A37	5071A37	4838F33	5071A37	5071A37			
36	4891F34	5071A37	5071A37	4877F33	5071A37	5071A37			
34	4915F34	5071A37	5071A37	4903F34	5071A37	5071A37			
32	4928F34	5071A37	5071A37	4914F34	5071A37	5071A37			
30	4941F34	5071A37	5071A37	4928F34	5071A37	5071A37			
20	5006F35	5071A36	5071A36	4993F35	5071A37	5071A37			
10	5066F36	5071A37	5071A37	5032F36	5071A37	5071A37			
0	5071A36	5071A36	5071A36	5071A37	5071A37	5071A37			
-10	5071A36	5071A36	5071A36	5071A37	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -180 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4433F17	4639^27	4672D30	4424F17	4631^27	4664D30			
46	4509F18	4752^27	4787D31	4499F18	4744^27	4779D31			
44	4579F18	4856^28	4894D31	4566F18	4848^28	4885D31			
42	4644F19	4960^28	4998^32	4622F18	4938F28	4988^31			
40	4691F19	5013F28	5071A32	4681F19	5001F28	5071A32			
38	4736F19	5058F29	5071A32	4725F19	5046F28	5071A32			
36	4779F19	5071A29	5071A33	4769F19	5071A29	5071A32			
34	4808F20	5071A29	5071A33	4798F19	5071A29	5071A33			
32	4823F20	5071A30	5071A34	4813F20	5071A30	5071A33			
30	4837F20	5071A30	5071A34	4827F20	5071A30	5071A34			
20	4907F22	5071A33	5071A36	4898F22	5071A32	5071A36			
10	4976F24	5071A35	5071A37	4943F24	5071A35	5071A37			
0	5056F26	5071A36	5071A36	5013F26	5071A37	5071A37			
-10	5071A28	5071A36	5071A36	5071A28	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3305F 2	4541F 8	4634F11	3854F 2	4248F11	4376F13			
26	3419F 2	4553F 8	4644F12	3867F 3	4264F11	4394F14			
24	3539F 2	4566F 9	4658F12	3879F 3	4279F11	4409F14			
22	3647F 2	4578F 9	4671F12	3893F 3	4294F11	4424F14			
20	3764F 2	4591F10	4684F13	3906F 3	4309F12	4440F15			
18	3872F 2	4603F10	4697F13	3918F 4	4324F12	4454F15			
16	3990F 2	4615F10	4710F14	3934F 4	4337F12	4467F15			
14	4111F 2	4627F11	4723F14	3948F 4	4352F13	4484F16			
12	4247F 2	4639F11	4736F14	3962F 5	4370F13	4498F16			
10	4353F 1	4651F12	4749F15	3980F 5	4384F13	4514F16			
0	4443F 3	4721F14	4823F17	4065F 6	4466F15	4596^18			
-10	4501F 5	4791F16	4896F19	4160F 8	4533^17	4613^18			
-20	4562F 7	4863F18	4971F21	4230F10	4554^17	4605^18			
-30	4624F 9	4935F20	5050F23	4302F11	4542^17	4594^18			
	High QNH +90 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -110 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -480 Wing A/I ON -480			Engine A/I ON -580 Wing A/I ON -580			Engine A/I ON Wing A/I ON		

Elevation	74	Length	8533	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.01
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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MEXICO CITY -MEX 05L *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D5.5 MEX	**D6.2 IMWX**	***LT SLM**	**8316'**	**STD**

*IF SLM OTS THEN LT MEX HOLD NOTAMS A2299/19

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
34	89.1	3920^21	4000^22	4026^23
32	89.4	3997^22	4077^23	4104^24
30	89.7	4077^23	4158^24	4185^25
28	89.9	4158^24	4239^26	4266^26
26	90.1	4238^25	4321^27	4348^27
24	90.4	4319^27	4403^28	4430^29
22	90.6	4400^28	4484^29	4512^30
20	90.9	4438^28	4522^30	4550^30
18	90.6	4453^29	4538^30	4566^31
16	90.3	4459^29	4544^30	4573^31
14	90.0	4459^29	4545^30	4574^31
10	89.4	4458^29	4546^30	4575^31
0	87.8	4456^29	4546^30	4576^31
-10	86.2	4439^28	4532^30	4563^30
-20	84.5	4432^28	4528^30	4560^30
-30	82.8	4418^28	4517^30	4550^30

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3920D21	4000D22	4026D23	4080
3997D22	4077D23	4104D24	4159
4077D23	4158D25	4185D25	4239
4158D24	4239D26	4266D26	4322
4238D24	4321D27	4348D28	4404
4319D24	4403D28	4430D29	4485
4400D25	4484D29	4512D30	4567
4438D25	4522D30	4550D30	4611
4453D26	4538D30	4566D31	4621
4459D26	4544D30	4573D31	4631
4459D27	4545D30	4574D31	4633
4458D28	4546D30	4575D31	4635
4456D29	4546D30	4576D31	4638
4439D28	4532D30	4563D31	4628
4432D28	4528D30	4560D31	4630
4418D28	4517D30	4550D30	4623

High QNH **+90** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5520** — Wing A/I ON **-5520**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
34	94.3	3930^21	4009^22	4035^23
32	94.3	4007^22	4087^23	4113^24
30	94.3	4088^23	4168^25	4194^25
28	94.2	4170^24	4250^26	4277^26
26	94.1	4251^26	4333^27	4359^28
24	94.0	4333^27	4415^28	4442^29
22	93.9	4414^28	4497^30	4525^30
20	93.8	4452^29	4536^30	4564^31
18	93.7	4470^29	4554^30	4582^31
16	93.6	4477^29	4561^30	4589^31
14	93.4	4477^29	4562^30	4590^31
10	92.8	4477^29	4562^30	4591^31
0	91.1	4474^29	4562^30	4592^31
-10	89.4	4458^29	4549^30	4580^31
-20	87.7	4450^28	4545^30	4576^31
-30	86.0	4435^28	4533^30	4565^31

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3930D21	4009D22	4035D23	4081
4007D22	4087D24	4113D24	4160
4088D23	4168D25	4194D25	4240
4170D25	4250D26	4277D26	4323
4251D26	4333D27	4359D28	4406
4333D26	4415D28	4442D29	4487
4414D27	4497D30	4525D30	4569
4452D28	4536D30	4564D31	4612
4470D28	4554D30	4582D31	4622
4477D29	4561D31	4589D31	4632
4477D29	4562D31	4590D31	4634
4477D29	4562D31	4591D31	4636
4474D29	4562D31	4592D31	4639
4458D29	4549D30	4580D31	4631
4450D29	4545D30	4576D31	4632
4435D28	4533D30	4565D31	4625

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5570** — Wing A/I ON **-5570**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
34	94.3	3930^21-21-30	4009^22-22-31	4035^23-23-32	4061^23-23-32
32	94.3	4007^22-22-31	4087^23-23-32	4113^24-24-33	4139^24-24-33
30	94.3	4088^23-23-32	4168^25-25-34	4194^25-25-34	4221^26-26-34
28	94.2	4170^24-24-34	4250^26-26-35	4277^26-26-35	4303^27-27-36
26	94.1	4251^26-26-35	4333^27-27-36	4359^28-28-37	4386^28-28-37
24	94.0	4333^27-27-36	4415^28-28-37	4442^29-29-38	4469^29-29-38
22	93.9	4414^28-28-37	4497^30-30-39	4525^30-30-39	4553^31-31-39
20	93.8	4452^29-29-38	4536^30-30-39	4564^31-31-40	4592^31-31-40
18	93.7	4470^29-29-38	4554^30-30-39	4582^31-31-40	4610^31-31-40
16	93.6	4477^29-29-38	4561^30-30-40	4589^31-31-40	4618^31-31-40
14	93.4	4477^29-29-38	4562^30-30-40	4590^31-31-40	4619^31-31-40
10	92.8	4477^29-29-38	4562^30-30-40	4591^31-31-40	4620^31-31-40
0	91.1	4474^29-29-38	4562^30-30-40	4592^31-31-40	4621^31-31-40
-10	89.4	4458^29-29-38	4549^30-30-39	4580^31-31-40	4610^31-31-40
-20	87.7	4450^28-28-38	4545^30-30-39	4576^31-31-40	4608^31-31-40
-30	86.0	4435^28-28-38	4533^30-30-39	4565^31-31-40	4598^31-31-40

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5570** — Wing A/I ON **-5570**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 7316 Length 11342 Shift **0** Clearway 0 Stopway 873 Slope +0.02

Rwy Rev. Program Rules FAA **26 Apr 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3930^21	4009^22	4035^23	3924^21	4003^22	4030^23			
32	4007^22	4087^23	4113^24	4002^22	4081^23	4107^24			
30	4088^23	4168^25	4194^25	4082^23	4162^25	4189^25			
28	4170^24	4250^26	4277^26	4163^24	4244^26	4271^26			
26	4251^26	4333^27	4359^28	4245^26	4326^27	4353^28			
24	4333^27	4415^28	4442^29	4324^27	4407^28	4434^29			
22	4414^28	4497^30	4525^30	4404^28	4487^29	4514^30			
20	4452^29	4536^30	4564^31	4442^28	4525^30	4553^30			
18	4470^29	4554^30	4582^31	4459^29	4543^30	4571^31			
16	4477^29	4561^30	4589^31	4470^29	4555^30	4583^31			
14	4477^29	4562^30	4590^31	4471^29	4556^30	4585^31			
10	4477^29	4562^30	4591^31	3919^21	4002^22	4029^23			
0	4474^29	4562^30	4592^31	4376^27	4463^29	4492^29			
-10	4458^29	4549^30	4580^31	4372^27	4462^29	4492^29			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-5570** Wing A/I ON **-5570**			Engine A/I ON **-220** Wing A/I ON **-220**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3930D21	4009D22	4035D23	3924D21	4003D22	4030D23			
32	4007D22	4087D24	4113D24	4002D22	4081D23	4107D24			
30	4088D23	4168D25	4194D25	4082D23	4162D25	4189D25			
28	4170D25	4250D26	4277D26	4163D24	4244D26	4271D26			
26	4251D26	4333D27	4359D28	4245D26	4326D27	4353D28			
24	4333D26	4415D28	4442D29	4324D26	4407D28	4434D29			
22	4414D27	4497D30	4525D30	4404D27	4487D30	4514D30			
20	4452D28	4536D30	4564D31	4442D27	4525D30	4553D30			
18	4470D28	4554D30	4582D31	4459D28	4543D30	4571D31			
16	4477D29	4561D31	4589D31	4470D29	4555D30	4583D31			
14	4477D29	4562D31	4590D31	4471D29	4556D30	4585D31			
10	4477D29	4562D31	4591D31	3919D21	4002D22	4029D23			
0	4474D29	4562D31	4592D31	4376D27	4463D29	4492D30			
-10	4458D29	4549D30	4580D31	4372D27	4462D29	4492D30			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-5570** Wing A/I ON **-5570**			Engine A/I ON **-220** Wing A/I ON **-220**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3945^ 4	4128^13	4192^15	3701F 8	3914F15	3987^17			
26	4007^ 4	4192^13	4256^16	3761F 8	3977F16	4051^18			
24	4068^ 5	4256^13	4321^16	3824F 9	4042F16	4116^19			
22	4132F 5	4321^14	4388^17	3887F 9	4108F17	4184^19			
20	4179^ 6	4372^14	4440^17	3941F10	4166F17	4240^20			
18	4204^ 6	4399^15	4468^18	3976F11	4206F18	4279^21			
16	4220^ 7	4417^16	4486^19	3995F11	4227^19	4300^21			
14	4231^ 7	4429^16	4498^19	4007F11	4238^19	4313^22			
12	4242^ 7	4440^16	4510^19	4018F12	4250^20	4324^22			
10	4252^ 8	4451^17	4521^20	4030F12	4262^20	4337^22			
0	4304^10	4507^19	4561^22	4087F14	4321^22	4399^24			
-10	4350^12	4520^21	4557^25	4141F16	4377^24	4458^26			
-20	4403^14	4523^24	4561^27	4202F18	4440^26	4521^28			
-30	4401^17	4520^27	4560^30	4265F20	4491^28	4539^30			
	High QNH **+100** per .10" Low QNH **-160** per .10"			High QNH **+100** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4550** Wing A/I ON **-4550**			Engine A/I ON **-2750** Wing A/I ON **-2750**			Engine A/I ON Wing A/I ON		

Elevation 7316 Length 11342 Shift **0** Clearway 0 Stopway 873 Slope +0.02

Rwy Rev. Program Rules FAA **26 Apr 19**

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MEXICO CITY -MEX 05R *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D5.5 MEX	**D6.2 IMWX**	***LT SLM**	**8316'**	**STD**

*IF SLM OTS THEN LT MEX HOLD NOTAMS A3655/20

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
34	89.1	3920^21	3999^22	4026^23
32	89.4	3997^22	4077^23	4104^24
30	89.7	4077^23	4157^24	4185^25
28	89.9	4158^24	4239^26	4266^26
26	90.1	4238^25	4320^27	4348^27
24	90.4	4318^27	4402^28	4430^29
22	90.6	4399^28	4482^29	4510^30
20	90.9	4437^28	4522^30	4550^30
18	90.6	4452^29	4537^30	4566^31
16	90.3	4458^29	4544^30	4573^31
14	90.0	4459^29	4545^30	4574^31
10	89.4	4458^29	4546^30	4575^31
0	87.8	4456^29	4546^30	4576^31
-10	86.2	4439^28	4532^30	4563^30
-20	84.5	4432^28	4528^30	4560^30
-30	82.8	4418^28	4517^30	4550^30

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3920D21	3999D22	4026D23	4080
3997D22	4077D23	4104D24	4159
4077D23	4157D25	4185D25	4239
4158D24	4239D26	4266D26	4322
4238D25	4320D27	4348D28	4404
4318D27	4402D28	4430D29	4485
4399D28	4482D29	4510D30	4567
4437D28	4522D30	4550D30	4611
4452D29	4537D30	4566D31	4621
4458D29	4544D30	4573D31	4631
4459D29	4545D30	4574D31	4633
4458D29	4546D30	4575D31	4635
4456D29	4546D30	4576D31	4638
4439D28	4532D30	4563D31	4628
4432D28	4528D30	4560D31	4630
4418D28	4517D30	4550D30	4623

High QNH **+90** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5080** — Wing A/I ON **-5080**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
34	94.3	3930^21	4008^22	4035^23
32	94.3	4007^22	4087^23	4113^24
30	94.3	4088^23	4168^25	4194^25
28	94.2	4170^24	4250^26	4277^26
26	94.1	4251^26	4332^27	4359^28
24	94.0	4332^27	4414^28	4442^29
22	93.9	4413^28	4496^29	4524^30
20	93.8	4452^29	4536^30	4563^31
18	93.7	4469^29	4553^30	4581^31
16	93.6	4476^29	4561^30	4589^31
14	93.4	4477^29	4562^30	4590^31
10	92.8	4476^29	4562^30	4591^31
0	91.1	4473^29	4562^30	4592^31
-10	89.4	4458^29	4549^30	4579^31
-20	87.7	4450^28	4544^30	4576^31
-30	86.0	4435^28	4533^30	4565^31

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3930D21	4008D22	4035D23	4081
4007D22	4087D24	4113D24	4160
4088D23	4168D25	4194D25	4240
4170D25	4250D26	4277D26	4323
4251D26	4332D27	4359D28	4406
4332D27	4414D28	4442D29	4487
4413D28	4496D30	4524D30	4569
4452D29	4536D30	4563D31	4612
4469D29	4553D30	4581D31	4622
4476D29	4561D31	4589D31	4632
4477D29	4562D31	4590D31	4634
4476D29	4562D31	4591D31	4636
4473D29	4562D31	4592D31	4639
4458D29	4549D30	4579D31	4631
4450D29	4544D30	4576D31	4632
4435D28	4533D30	4565D31	4625

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5130** — Wing A/I ON **-5130**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
34	94.3	3930^21-21-30	4008^22-22-31	4035^23-23-32	4061^23-23-32
32	94.3	4007^22-22-31	4087^23-23-32	4113^24-24-33	4139^24-24-33
30	94.3	4088^23-23-32	4168^25-25-34	4194^25-25-34	4220^26-26-34
28	94.2	4170^24-24-34	4250^26-26-35	4277^26-26-35	4304^27-27-36
26	94.1	4251^26-26-35	4332^27-27-36	4359^28-28-37	4386^28-28-37
24	94.0	4332^27-27-36	4414^28-28-37	4442^29-29-38	4469^29-29-38
22	93.9	4413^28-28-37	4496^29-29-39	4524^30-30-39	4551^30-30-39
20	93.8	4452^29-29-38	4536^30-30-39	4563^31-31-40	4592^31-31-40
18	93.7	4469^29-29-38	4553^30-30-39	4581^31-31-40	4610^31-31-40
16	93.6	4476^29-29-38	4561^30-30-40	4589^31-31-40	4618^31-31-40
14	93.4	4477^29-29-38	4562^30-30-40	4590^31-31-40	4619^31-31-40
10	92.8	4476^29-29-38	4562^30-30-40	4591^31-31-40	4619^31-31-40
0	91.1	4473^29-29-38	4562^30-30-40	4592^31-31-40	4621^31-31-40
-10	89.4	4458^29-29-38	4549^30-30-39	4579^31-31-40	4610^31-31-40
-20	87.7	4450^28-28-38	4544^30-30-39	4576^31-31-40	4607^31-31-40
-30	86.0	4435^28-28-38	4533^30-30-39	4565^31-31-40	4598^31-31-40

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5130** — Wing A/I ON **-5130**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 7316 Length 13074 Shift **0** Clearway 0 Stopway 0 Slope +0.05

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
34	3930^21	4008^22	4035^23
32	4007^22	4087^23	4113^24
30	4088^23	4168^25	4194^25
28	4170^24	4250^26	4277^26
26	4251^26	4332^27	4359^28
24	4332^27	4414^28	4442^29
22	4413^28	4496^29	4524^30
20	4452^29	4536^30	4563^31
18	4469^29	4553^30	4581^31
16	4476^29	4561^30	4589^31
14	4477^29	4562^30	4590^31
10	4476^29	4562^30	4591^31
0	4473^29	4562^30	4592^31
-10	4458^29	4549^30	4579^31

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-5130**
Wing A/I ON **-5130**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
34	3925^21	4003^22	4029^23
32	4002^22	4081^23	4107^24
30	4082^23	4162^25	4188^25
28	4163^24	4244^26	4271^26
26	4245^26	4326^27	4353^27
24	4324^27	4406^28	4433^29
22	4403^28	4485^29	4513^30
20	4441^28	4525^30	4552^30
18	4458^29	4542^30	4570^31
16	4470^29	4554^30	4582^31
14	4471^29	4556^30	4584^31
10	3919^21	4002^22	4029^23
0	4375^27	4463^29	4492^29
-10	4372^27	4462^29	4493^29

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-210**
Wing A/I ON **-210**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
34	3930D21	4008D22	4035D23
32	4007D22	4087D24	4113D24
30	4088D23	4168D25	4194D25
28	4170D25	4250D26	4277D26
26	4251D26	4332D27	4359D28
24	4332D27	4414D28	4442D29
22	4413D28	4496D30	4524D30
20	4452D29	4536D30	4563D31
18	4469D29	4553D30	4581D31
16	4476D29	4561D31	4589D31
14	4477D29	4562D31	4590D31
10	4476D29	4562D31	4591D31
0	4473D29	4562D31	4592D31
-10	4458D29	4549D30	4579D31

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-5130**
Wing A/I ON **-5130**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
34	3925D21	4003D22	4029D23
32	4002D22	4081D23	4107D24
30	4082D23	4162D25	4188D25
28	4163D24	4244D26	4271D26
26	4245D26	4326D27	4353D28
24	4324D27	4406D28	4433D29
22	4403D28	4485D30	4513D30
20	4441D28	4525D30	4552D30
18	4458D29	4542D30	4570D31
16	4470D29	4554D30	4582D31
14	4471D29	4556D30	4584D31
10	3919D21	4002D22	4029D23
0	4375D27	4463D29	4492D30
-10	4372D27	4462D29	4493D30

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-210**
Wing A/I ON **-210**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4118^ 7	4215^16	4249^19
26	4197^ 7	4295^16	4328^19
24	4276^ 8	4375^17	4409^20
22	4347^ 8	4455^17	4489^20
20	4395^ 8	4496^18	4530^21
18	4413^ 9	4515^19	4550^22
16	4421^10	4524^19	4559^22
14	4423^10	4526^20	4561^23
12	4424^11	4528^20	4563^23
10	4425^11	4529^21	4565^24
0	4428^14	4536^23	4573^26
-10	4420^16	4532^26	4570^29
-20	4419^19	4535^29	4570^31
-30	4412^22	4527^30	4560^30

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4830**
Wing A/I ON **-4830**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3879F10	4083F18	4148^20
26	3942F11	4150F18	4216^20
24	4011F11	4219F19	4286^21
22	4077F12	4290F19	4357^22
20	4135F12	4350F20	4418^23
18	4173F13	4391^21	4459^23
16	4194F14	4409^21	4481^24
14	4205F14	4423^22	4495^24
12	4217F14	4434^22	4507^25
10	4228F15	4446^23	4520^25
0	4286F17	4496^24	4539^27
-10	4340F18	4499^27	4547^30
-20	4378^20	4514^29	4549^30
-30	4379^23	4506^29	4539^30

High QNH **+100** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-4160**
Wing A/I ON **-4160**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 7316 Length 13074 Shift **0** Clearway 0 Stopway 0 Slope +0.05
Rwy Rev. Program Rules FAA **02 Jul 20**

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MEXICO CITY -MEX 23L *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.7 MEX	**D8.4 IMEX**	***LT MEX**	**8316'**	**STD**

*IF MEX VOR OTS THEN LT TPX NDB AND HOLD STD

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
34	89.1	3921^21	4000^22	4027^23	3921D21	4000D22	4027D23	4080
32	89.4	3998^22	4078^23	4104^24	3998D22	4078D23	4104D24	4159
30	89.7	4078^23	4159^24	4185^25	4078D23	4159D25	4185D25	4239
28	89.9	4159^24	4240^26	4267^26	4159D24	4240D26	4267D26	4322
26	90.1	4239^25	4322^27	4348^27	4239D26	4322D27	4346^27	4404
24	90.4	4320^27	4403^28	4431^29	4320D27	4403D28	4431D29	4485
22	90.6	4400^28	4484^29	4512^30	4400D28	4484D29	4512D30	4567
20	90.9	4438^28	4523^30	4551^30	4438D28	4523D30	4551D30	4611
18	90.6	4453^29	4539^30	4567^31	4453D29	4539D30	4567D31	4621
16	90.3	4459^29	4545^30	4574^31	4459D29	4545D30	4574D31	4631
14	90.0	4460^29	4546^30	4575^31	4460D29	4546D30	4575D31	4633
10	89.4	4460^29	4547^30	4576^31	4460D29	4547D30	4576D31	4635
0	87.8	4457^29	4547^30	4577^31	4457D29	4547D30	4577D31	4638
-10	86.2	4440^28	4533^30	4564^30	4440D28	4533D30	4564D31	4628
-20	84.5	4433^28	4529^30	4561^30	4433D28	4529D30	4561D31	4630
-30	82.8	4419^28	4518^30	4551^30	4419D28	4518D30	4551D30	4623

High QNH **+90** per .10" Engine A/I ON **-5530**
Low QNH **-170** per .10" Wing A/I ON **-5530**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
34	94.3	3931^21	4010^22	4036^23	3931D21	4010D22	4036D23	4081
32	94.3	4008^22	4088^23	4113^24	4008D22	4088D24	4113D24	4160
30	94.3	4089^23	4168^25	4195^25	4089D23	4168D25	4195D25	4240
28	94.2	4171^24	4251^26	4277^26	4171D25	4251D26	4277D27	4323
26	94.1	4252^26	4333^27	4360^28	4252D26	4333D27	4360D28	4406
24	94.0	4333^27	4415^28	4443^29	4333D27	4415D28	4443D29	4487
22	93.9	4414^28	4498^30	4525^30	4414D28	4498D30	4525D30	4569
20	93.8	4453^29	4537^30	4564^31	4453D29	4537D30	4564D31	4612
18	93.7	4470^29	4554^30	4582^31	4470D29	4554D30	4582D31	4622
16	93.6	4478^29	4562^30	4590^31	4478D29	4562D31	4590D31	4632
14	93.4	4478^29	4563^30	4591^31	4478D29	4563D31	4591D31	4634
10	92.8	4477^29	4563^30	4592^31	4477D29	4563D31	4592D31	4636
0	91.1	4475^29	4563^30	4593^31	4475D29	4563D31	4593D31	4639
-10	89.4	4459^29	4550^30	4580^31	4459D29	4550D30	4580D31	4631
-20	87.7	4451^28	4545^30	4577^31	4451D29	4545D30	4577D31	4632
-30	86.0	4436^28	4534^30	4566^31	4436D28	4534D30	4566D31	4625

High QNH **+100** per .10" Engine A/I ON **-5690**
Low QNH **-170** per .10" Wing A/I ON **-5690**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
34	94.3	3931^21-21-30	4010^22-22-31	4036^23-23-32	4061^23-23-32
32	94.3	4008^22-22-31	4088^23-23-32	4113^24-24-33	4140^24-24-33
30	94.3	4089^23-23-32	4168^25-25-34	4195^25-25-34	4221^26-26-34
28	94.2	4171^24-24-34	4251^26-26-35	4277^26-26-35	4304^27-27-36
26	94.1	4252^26-26-35	4333^27-27-36	4360^28-28-37	4387^28-28-37
24	94.0	4333^27-27-36	4415^28-28-37	4443^29-29-38	4470^29-29-38
22	93.9	4414^28-28-37	4498^30-30-39	4525^30-30-39	4554^31-31-39
20	93.8	4453^29-29-38	4537^30-30-39	4564^31-31-40	4593^31-31-40
18	93.7	4470^29-29-38	4554^30-30-39	4582^31-31-40	4611^31-31-40
16	93.6	4478^29-29-38	4562^30-30-40	4590^31-31-40	4619^31-31-40
14	93.4	4478^29-29-38	4563^30-30-40	4591^31-31-40	4620^31-31-40
10	92.8	4477^29-29-38	4563^30-30-40	4592^31-31-40	4621^31-31-40
0	91.1	4475^29-29-38	4563^30-30-40	4593^31-31-40	4622^31-31-40
-10	89.4	4459^29-29-38	4550^30-30-39	4580^31-31-40	4611^31-31-40
-20	87.7	4451^28-28-38	4545^30-30-39	4577^31-31-40	4608^31-31-40
-30	86.0	4436^28-28-38	4534^30-30-39	4566^31-31-40	4599^31-31-40

High QNH **+100** per .10" Engine A/I ON **-5690**
Low QNH **-170** per .10" Wing A/I ON **-5690**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 7316 Length 12812 Shift **0** Clearway 0 Stopway 262 Slope -0.05
Rwy Rev. Program Rules FAA **04 Apr 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3931^21	4010^22	4036^23	3925^21	4004^22	4030^23			
32	4008^22	4088^23	4113^24	4002^22	4081^23	4108^24			
30	4089^23	4168^25	4195^25	4083^23	4162^25	4189^25			
28	4171^24	4251^26	4277^26	4164^24	4245^26	4271^26			
26	4252^26	4333^27	4360^28	4246^26	4326^27	4353^28			
24	4333^27	4415^28	4443^29	4325^27	4407^28	4435^29			
22	4414^28	4498^30	4525^30	4404^28	4487^29	4515^30			
20	4453^29	4537^30	4564^31	4443^28	4526^30	4553^30			
18	4470^29	4554^30	4582^31	4459^29	4544^30	4571^31			
16	4478^29	4562^30	4590^31	4471^29	4555^30	4583^31			
14	4478^29	4563^30	4591^31	4472^29	4557^30	4585^31			
10	4477^29	4563^30	4592^31	3920^21	4002^22	4030^23			
0	4475^29	4563^30	4593^31	4377^27	4464^29	4493^29			
-10	4459^29	4550^30	4580^31	4373^27	4463^29	4493^29			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-200** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-5690** Wing A/I ON **-5690**			Engine A/I ON **-220** Wing A/I ON **-220**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3931D21	4010D22	4036D23	3925D21	4004D22	4030D23			
32	4008D22	4088D24	4113D24	4002D22	4081D23	4108D24			
30	4089D23	4168D25	4195D25	4083D23	4162D25	4189D25			
28	4171D25	4251D26	4277D27	4164D24	4245D26	4271D26			
26	4252D26	4333D27	4360D28	4246D26	4326D27	4353D28			
24	4333D27	4415D28	4443D29	4325D27	4407D28	4435D29			
22	4414D28	4498D30	4525D30	4404D28	4487D30	4515D30			
20	4453D29	4537D30	4564D31	4443D28	4526D30	4553D30			
18	4470D29	4554D30	4582D31	4459D29	4544D30	4571D31			
16	4478D29	4562D31	4590D31	4471D29	4555D30	4583D31			
14	4478D29	4563D31	4591D31	4472D29	4557D30	4585D31			
10	4477D29	4563D31	4592D31	3920D21	4002D22	4030D23			
0	4475D29	4563D31	4593D31	4377D28	4464D29	4493D30			
-10	4459D29	4550D30	4580D31	4373D27	4463D29	4493D30			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-200** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-5690** Wing A/I ON **-5690**			Engine A/I ON **-220** Wing A/I ON **-220**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4035^ 7	4217^16	4250^19	3836^11	4027^18	4096^20			
26	4098^ 8	4283^16	4330^19	3899^11	4091^19	4161^21			
24	4162^ 8	4349^17	4410^20	3965^12	4158^19	4228^22			
22	4226^ 8	4417^17	4483^20	4030^12	4226^20	4297^22			
20	4276^ 9	4469^18	4531^21	4084^13	4283^21	4355^23			
18	4302^10	4497^19	4551^22	4118^14	4321^22	4395^24			
16	4318^10	4514^19	4560^22	4136^14	4342^22	4417^24			
14	4330^11	4527^20	4562^23	4147^14	4355^22	4429^25			
12	4339^11	4529^20	4564^23	4158^15	4367^23	4442^25			
10	4350^11	4530^21	4566^24	4168^15	4378^23	4453^25			
0	4401^13	4537^23	4574^26	4221^17	4439^25	4517^27			
-10	4421^16	4532^26	4570^29	4269^19	4495^27	4548^30			
-20	4420^18	4536^28	4571^31	4325^21	4514^29	4550^30			
-30	4413^21	4528^30	4561^30	4381^23	4507^29	4540^30			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-5360** Wing A/I ON **-5360**			Engine A/I ON **-3910** Wing A/I ON **-3910**			Engine A/I ON Wing A/I ON		

Elevation 7316 Length 12812 Shift **0** Clearway 0 Stopway 262 Slope -0.05

Rwy Rev. Program Rules FAA **04 Apr 18**

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MEXICO CITY -MEX 23R *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.5 MEX	**D8.3 IMEX**	***LT MEX**	**8316'**	**STD**

*IF MEX VOR OTS THEN LT TPX NDB AND HOLD STD

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
34	89.1	3921^21	4000^22	4026^23
32	89.4	3998^22	4078^23	4104^24
30	89.7	4077^23	4158^24	4185^25
28	89.9	4158^24	4240^26	4267^26
26	90.1	4239^25	4321^27	4349^27
24	90.4	4320^27	4403^28	4431^29
22	90.6	4400^28	4484^29	4512^30
20	90.9	4438^28	4522^30	4551^30
18	90.6	4453^29	4538^30	4567^31
16	90.3	4459^29	4545^30	4573^31
14	90.0	4459^29	4546^30	4574^31
10	89.4	4459^29	4546^30	4575^31
0	87.8	4457^29	4547^30	4577^31
-10	86.2	4440^28	4533^30	4564^30
-20	84.5	4428^28	4529^30	4561^30
-30	82.8	4419^28	4517^30	4550^30

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3921D21	4000D22	4026D23	4080
3998D22	4078D23	4104D24	4159
4077D23	4158D25	4185D25	4239
4158D24	4240D26	4267D26	4322
4239D24	4321D27	4349D28	4404
4320D25	4403D28	4431D29	4485
4400D25	4484D29	4512D30	4567
4438D26	4522D30	4551D30	4611
4453D26	4538D30	4567D31	4621
4459D26	4545D30	4573D31	4631
4459D27	4546D30	4574D31	4633
4459D28	4546D30	4575D31	4635
4457D29	4547D30	4577D31	4638
4440D28	4533D30	4564D31	4628
4428D28	4529D30	4561D31	4630
4419D28	4517D30	4550D30	4623

High QNH **+90** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5530** — Wing A/I ON **-5530**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
34	94.3	3931^21	4009^22	4035^23
32	94.3	4008^22	4087^23	4114^24
30	94.3	4088^23	4168^25	4195^25
28	94.2	4170^24	4251^26	4277^26
26	94.1	4252^26	4333^27	4360^28
24	94.0	4333^27	4415^28	4443^29
22	93.9	4414^28	4497^30	4525^30
20	93.8	4453^29	4536^30	4564^31
18	93.7	4470^29	4554^30	4582^31
16	93.6	4477^29	4562^30	4590^31
14	93.4	4478^29	4562^30	4591^31
10	92.8	4477^29	4563^30	4591^31
0	91.1	4474^29	4563^30	4592^31
-10	89.4	4458^29	4550^30	4580^31
-20	87.7	4451^28	4545^30	4577^31
-30	86.0	4436^28	4533^30	4566^31

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3931D21	4009D22	4035D23	4081
4008D22	4087D24	4114D24	4160
4088D23	4168D25	4195D25	4240
4170D25	4251D26	4277D27	4323
4252D26	4333D27	4360D28	4406
4333D26	4415D28	4443D29	4487
4414D27	4497D30	4525D30	4569
4453D28	4536D30	4564D31	4612
4470D29	4554D30	4582D31	4622
4477D29	4562D31	4590D31	4632
4478D29	4562D31	4591D31	4634
4477D29	4563D31	4591D31	4636
4474D29	4563D31	4592D31	4639
4458D29	4550D30	4580D31	4631
4451D29	4545D30	4577D31	4632
4436D28	4533D30	4566D31	4625

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5580** — Wing A/I ON **-5580**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
34	94.3	3931^21-21-30	4009^22-22-31	4035^23-23-32	4061^23-23-32
32	94.3	4008^22-22-31	4087^23-23-32	4114^24-24-33	4140^24-24-33
30	94.3	4088^23-23-32	4168^25-25-34	4195^25-25-34	4221^26-26-34
28	94.2	4170^24-24-34	4251^26-26-35	4277^26-26-35	4304^27-27-36
26	94.1	4252^26-26-35	4333^27-27-36	4360^28-28-37	4387^28-28-37
24	94.0	4333^27-27-36	4415^28-28-37	4443^29-29-38	4470^29-29-38
22	93.9	4414^28-28-37	4497^30-30-39	4525^30-30-39	4553^31-31-39
20	93.8	4453^29-29-38	4536^30-30-39	4564^31-31-40	4592^31-31-40
18	93.7	4470^29-29-38	4554^30-30-39	4582^31-31-40	4611^31-31-40
16	93.6	4477^29-29-38	4562^30-30-40	4590^31-31-40	4618^31-31-40
14	93.4	4478^29-29-38	4562^30-30-40	4591^31-31-40	4619^31-31-40
10	92.8	4477^29-29-38	4563^30-30-40	4591^31-31-40	4621^31-31-40
0	91.1	4474^29-29-38	4563^30-30-40	4592^31-31-40	4622^31-31-40
-10	89.4	4458^29-29-38	4550^30-30-39	4580^31-31-40	4611^31-31-40
-20	87.7	4451^28-28-38	4545^30-30-39	4577^31-31-40	4608^31-31-40
-30	86.0	4436^28-28-38	4533^30-30-39	4566^31-31-40	4598^31-31-40

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5580** — Wing A/I ON **-5580**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 7316 Length 11772 Shift **0** Clearway 0 Stopway 466 Slope -0.02

Rwy Rev. Program Rules FAA **21 Dec 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3931^21	4009^22	4035^23	3925^21	4004^22	4030^23			
32	4008^22	4087^23	4114^24	4002^22	4081^23	4107^24			
30	4088^23	4168^25	4195^25	4083^23	4162^25	4189^25			
28	4170^24	4251^26	4277^26	4164^24	4244^26	4271^26			
26	4252^26	4333^27	4360^28	4245^26	4327^27	4353^28			
24	4333^27	4415^28	4443^29	4325^27	4407^28	4435^29			
22	4414^28	4497^30	4525^30	4404^28	4487^29	4515^30			
20	4453^29	4536^30	4564^31	4442^28	4525^30	4553^30			
18	4470^29	4554^30	4582^31	4459^29	4543^30	4571^31			
16	4477^29	4562^30	4590^31	4470^29	4555^30	4583^31			
14	4478^29	4562^30	4591^31	4472^29	4557^30	4585^31			
10	4477^29	4563^30	4591^31	3920^21	4557^30	4030^23			
0	4474^29	4563^30	4592^31	4376^27	4464^29	4493^29			
-10	4458^29	4550^30	4580^31	4372^27	4463^29	4493^29			
	High QNH +100 per .10"			High QNH +0 per .10"			High QNH per .10"		
	Low QNH -170 per .10"			Low QNH -2090 per .10"			Low QNH per .10"		
	Engine A/I ON -5580			Engine A/I ON -5520			Engine A/I ON		
	Wing A/I ON -5580			Wing A/I ON -5520			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3931D21	4009D22	4035D23	3925D21	4004D22	4030D23			
32	4008D22	4087D24	4114D24	4002D22	4081D23	4107D24			
30	4088D23	4168D25	4195D25	4083D23	4162D25	4189D25			
28	4170D25	4251D26	4277D27	4164D24	4244D26	4271D26			
26	4252D26	4333D27	4360D28	4245D26	4327D27	4353D28			
24	4333D26	4415D28	4443D29	4325D26	4407D28	4435D29			
22	4414D27	4497D30	4525D30	4404D27	4487D30	4515D30			
20	4453D28	4536D30	4564D31	4442D28	4525D30	4553D30			
18	4470D29	4554D30	4582D31	4459D28	4543D30	4571D31			
16	4477D29	4562D31	4590D31	4470D29	4555D30	4583D31			
14	4478D29	4562D31	4591D31	4472D29	4557D30	4585D31			
10	4477D29	4563D31	4591D31	3920D21	3997^22	4030D23			
0	4474D29	4563D31	4592D31	4376D28	4464D29	4493D30			
-10	4458D29	4550D30	4580D31	4372D27	4463D29	4493D30			
	High QNH +100 per .10"			High QNH +100 per .10"			High QNH per .10"		
	Low QNH -170 per .10"			Low QNH -200 per .10"			Low QNH per .10"		
	Engine A/I ON -5580			Engine A/I ON -220			Engine A/I ON		
	Wing A/I ON -5580			Wing A/I ON -220			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3997F 3	4206^12	4239^15	3732F 7	3941F15	4015F17			
26	4058F 4	4286F12	4319^15	3794F 8	4005F15	4078F18			
24	4119F 4	4350F13	4400^16	3858F 8	4071F16	4146F18			
22	4182F 5	4416F13	4480^16	3922F 9	4139F17	4215F19			
20	4232F 5	4469F14	4521^17	3976F10	4198F17	4275F20			
18	4262F 6	4501F14	4540^18	4011F10	4237F18	4317F21			
16	4281F 6	4514^15	4549^18	4029F11	4259F19	4340F21			
14	4294F 7	4516^15	4551^19	4043F11	4272F19	4354F21			
12	4306F 7	4517^16	4553^19	4053F11	4285F19	4367F22			
10	4319F 7	4519^16	4555^20	4065F12	4298F20	4381F22			
0	4383F 9	4526^19	4562^22	4121F14	4363F21	4447F24			
-10	4410^12	4521^21	4558^25	4175F15	4425F23	4511F26			
-20	4409^14	4523^24	4562^27	4235F17	4486^25	4531^28			
-30	4402^17	4520^27	4561^30	4297F19	4492^28	4539^30			
	High QNH +100 per .10"			High QNH +100 per .10"			High QNH per .10"		
	Low QNH -170 per .10"			Low QNH -170 per .10"			Low QNH per .10"		
	Engine A/I ON -5230			Engine A/I ON -3120			Engine A/I ON		
	Wing A/I ON -5230			Wing A/I ON -3120			Wing A/I ON		

Elevation 7316 Length 11772 Shift **0** Clearway 0 Stopway 466 Slope -0.02

Rwy Rev. Program Rules FAA **21 Dec 17**

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MONCLOVA -LOV 06R *LT H030*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		2864'		**LT H030**	**2864'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	87.6	3703^14	3873^18	3928^19	3628F 4	3873D13	3928D17	4509
44	87.9	3765^15	3939^19	3996^20	3681F 4	3939D14	3996D17	4608
42	88.2	3825^16	4004^20	4062^21	3735F 5	4004D14	4062D18	4707
40	88.5	3883^17	4066^21	4126^22	3786F 5	4066D15	4126D18	4804
38	88.4	3933^18	4122^21	4182^23	3832F 5	4120F15	4182D18	4896
36	88.2	3963^18	4153^22	4214^23	3860F 6	4151F16	4214D19	4927
34	88.0	3972^18	4162^22	4223^23	3872F 6	4162D16	4223D19	4947
32	87.8	3982^19	4171^22	4232^23	3883F 6	4171D16	4232D20	4951
30	87.7	3992^19	4180^22	4241^24	3895F 7	4180D17	4241D20	4952
28	87.4	4001^19	4188^23	4250^24	3907F 7	4188D17	4250D20	4954
26	87.1	4010^19	4198^23	4259^24	3919F 7	4198D17	4259D21	4955
24	86.8	4020^19	4206^23	4267^24	3931F 8	4206D18	4267D21	4957
20	86.2	4038^20	4225^23	4287^24	3955F 8	4225D18	4287D22	4960
10	84.7	4080^20	4269^24	4330^25	4013F10	4269D20	4330D24	4963
0	83.2	4124^21	4313^25	4373^26	4074F12	4313D22	4373D26	4960
-10	81.7	4169^22	4359^26	4419^27	4136F14	4359D24	4419D28	4965

High QNH **+40** per .10" Engine A/I ON **-470**
Low QNH **-140** per .10" Wing A/I ON **-470**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	90.8	3761^16	3927^19	3980^20	3688F 5	3927D15	3980D18	4510
44	91.1	3826^17	3996^20	4050^21	3744F 5	3996D15	4050D18	4609
42	91.2	3891^18	4064^21	4119^22	3798F 6	4064D16	4119D19	4709
40	91.3	3955^18	4131^22	4189^23	3853F 6	4131D16	4189D19	4806
38	91.4	4015^19	4194^23	4253^24	3905F 7	4194D17	4253D20	4898
36	91.6	4072^20	4255^24	4315^25	3954F 7	4254F17	4315D20	4990
34	91.6	4123^21	4310^24	4372^25	3999F 7	4302F17	4372D21	5071
32	91.3	4163^21	4358^25	4419^26	4036F 8	4342F18	4419D21	5071
30	91.0	4188^22	4385^25	4448^26	4061F 8	4369F18	4448D21	5071
28	90.7	4198^22	4395^25	4457^27	4074F 8	4382F18	4457D22	5071
26	90.4	4208^22	4404^26	4468^27	4086F 9	4395F19	4468D22	5071
24	90.1	4219^22	4414^26	4477^27	4099F 9	4409F19	4477D22	5071
20	89.5	4239^22	4433^26	4496^27	4124F10	4433D20	4496D23	5071
10	87.9	4284^23	4478^27	4541^28	4186F11	4478D22	4541D25	5071
0	86.4	4328^24	4523^28	4586^29	4252F13	4523D24	4586D27	5071
-10	84.8	4378^25	4573^29	4636^30	4317F15	4573D26	4636D29	5071

High QNH **+80** per .10" Engine A/I ON **-560**
Low QNH **-140** per .10" Wing A/I ON **-560**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
46	90.8	3761^16-16-27	3927^19-19-30	3980^20-20-31	4031^21-21-31
44	91.1	3826^17-17-28	3996^20-20-31	4050^21-21-32	4103^22-22-33
42	91.2	3891^18-18-29	4064^21-21-32	4119^22-22-33	4174^23-23-34
40	91.3	3955^18-18-30	4131^22-22-33	4189^23-23-34	4244^24-24-35
38	91.4	4015^19-19-31	4194^23-23-34	4253^24-24-35	4310^25-25-36
36	91.6	4072^20-20-32	4255^24-24-35	4315^25-25-36	4374^26-26-37
34	91.6	4123^21-21-33	4310^24-24-36	4372^25-25-37	4432^26-26-38
32	91.3	4163^21-21-33	4358^25-25-36	4419^26-26-37	4481^27-27-38
30	91.0	4188^22-22-34	4385^25-25-37	4448^26-26-38	4510^27-27-39
28	90.7	4198^22-22-34	4395^25-25-37	4457^27-27-38	4519^28-28-39
26	90.4	4208^22-22-34	4404^26-26-37	4468^27-27-38	4530^28-28-39
24	90.1	4219^22-22-34	4414^26-26-37	4477^27-27-38	4539^28-28-39
20	89.5	4239^22-22-35	4433^26-26-38	4496^27-27-38	4559^28-28-39
10	87.9	4284^23-23-35	4478^27-27-38	4541^28-28-39	4603^29-29-40
0	86.4	4328^24-24-36	4523^28-28-39	4586^29-29-40	4648^30-30-41
-10	84.8	4378^25-25-37	4573^29-29-40	4636^30-30-41	4697^31-31-41

High QNH **+80** per .10" Engine A/I ON **-560**
Low QNH **-140** per .10" Wing A/I ON **-560**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	1864	Length	6234	Shift	**0**	Clearway	656	Stopway	656	Slope	+0.06
Rwy Rev.		Program						Rules	FAA		**19 Aug 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	3761^16	3927^19	3980^20	3753^16	3918^19	3972^20			
44	3826^17	3996^20	4050^21	3818^16	3987^20	4041^21			
42	3891^18	4064^21	4119^22	3882^17	4054^21	4111^22			
40	3955^18	4131^22	4189^23	3946^18	4122^22	4180^23			
38	4015^19	4194^23	4253^24	4005^19	4184^23	4243^24			
36	4072^20	4255^24	4315^25	4064^20	4246^23	4306^25			
34	4123^21	4310^24	4372^25	4109^21	4297^24	4358^25			
32	4163^21	4358^25	4419^26	4145^21	4337^25	4399^26			
30	4188^22	4385^25	4448^26	4179^21	4377^25	4440^26			
28	4198^22	4395^25	4457^27	4190^22	4386^25	4449^26			
26	4208^22	4404^26	4468^27	4199^22	4396^25	4459^27			
24	4219^22	4414^26	4477^27	4209^22	4405^26	4469^27			
20	4239^22	4433^26	4496^27	4230^22	4425^26	4488^27			
10	4284^23	4478^27	4541^28	4230^23	4421^26	4483^27			
	High QNH +80 per .10" Low QNH -140 per .10"			High QNH +80 per .10" Low QNH -140 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -560 Wing A/I ON -560			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	3688F 5	3927D15	3980D18	3680F 5	3918D15	3972D18			
44	3744F 5	3996D15	4050D18	3736F 5	3987D15	4041D18			
42	3798F 6	4064D16	4119D19	3790F 6	4054D16	4111D19			
40	3853F 6	4131D16	4189D19	3845F 6	4122D16	4180D19			
38	3905F 7	4194D17	4253D20	3895F 6	4184D16	4243D20			
36	3954F 7	4254F17	4315D20	3946F 7	4245F17	4306D20			
34	3999F 7	4302F17	4372D21	3988F 7	4290F17	4358D21			
32	4036F 8	4342F18	4419D21	4021F 7	4326F18	4399D21			
30	4061F 8	4369F18	4448D21	4054F 8	4361F18	4440D21			
28	4074F 8	4382F18	4457D22	4066F 8	4374F18	4449D21			
26	4086F 9	4395F19	4468D22	4079F 8	4387F19	4459D22			
24	4099F 9	4409F19	4477D22	4091F 9	4400F19	4469D22			
20	4124F10	4433D20	4496D23	4117F 9	4425D20	4488D23			
10	4186F11	4478D22	4541D25	4145F11	4421D22	4483D25			
	High QNH +80 per .10" Low QNH -140 per .10"			High QNH +80 per .10" Low QNH -140 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -560 Wing A/I ON -560			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		3692F96	4020F98	3104F92	3470F 1	3611F 3			
26		3722F96	4049F99	3121F92	3482F 1	3629F 4			
24		3755F97	4080F99	3121F92	3500F 1	3646F 4			
22		3790F97	4110F99	3121F92	3514F 1	3664F 4			
20		3820F97	4142F99	3160F93	3529F 2	3681F 4			
18		3856F97	4176F 0	3173F93	3546F 2	3700F 5			
16		3891F98	4204F 0	3187F94	3562F 2	3722F 5			
14		3923F98	4238F 0	3202F94	3577F 3	3741F 5			
12		3958F98	4259^ 1	3202F94	3593F 3	3759F 6			
10		3992F98	4269^ 1	3202F94	3609F 3	3780F 6			
0		4161F 0	4332^ 3	3270F96	3702F 5	3899F 7			
-10	2651F96	4182F 2	4394^ 5	3361F98	3811F 6	4031F 8			
-20	3323F96	4353F 3	4431^ 7	3430F99	3933F 7	4124F10			
-30	3526F97	4375^ 6	4428^ 9	3507F 1	4056F 9	4218^12			
	High QNH +60 per .10" Low QNH -90 per .10"			High QNH +80 per .10" Low QNH -130 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -140 Wing A/I ON -140			Engine A/I ON -370 Wing A/I ON -370			Engine A/I ON Wing A/I ON		

Elevation	1864	Length	6234	Shift	**0**	Clearway	656	Stopway	656	Slope	+0.06
Rwy Rev.		Program						Rules	FAA		**19 Aug 19**

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MONCLOVA -LOV 24L *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		2300'		**RT H050**	**2864'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
46	87.6	3706^15	3878^18	3934^19
44	87.9	3766^15	3944^19	4001^20
42	88.2	3826^16	4009^20	4068^21
40	88.5	3884^17	4072^21	4132^22
38	88.4	3934^18	4127^22	4188^23
36	88.2	3964^18	4158^22	4220^23
34	88.0	3973^18	4167^22	4228^23
32	87.8	3982^19	4176^22	4238^23
30	87.7	3992^19	4185^22	4246^24
28	87.4	4002^19	4194^23	4256^24
26	87.1	4011^19	4203^23	4265^24
24	86.8	4021^19	4212^23	4274^24
20	86.2	4041^20	4231^23	4293^24
10	84.7	4084^21	4274^24	4336^25
0	83.2	4128^21	4319^25	4381^26
-10	81.7	4174^22	4366^26	4428^27

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3681^ 3	3878D13	3934D17	4509
3738^ 4	3944D14	4001D17	4608
3795^ 4	4009D14	4068D17	4707
3850^ 5	4072D15	4132D18	4804
3898^ 5	4127D15	4188D18	4896
3927^ 5	4158D16	4220D19	4927
3938^ 6	4167D16	4228D19	4947
3949^ 6	4176D16	4238D20	4951
3959^ 6	4185D17	4246D20	4952
3970^ 7	4194D17	4256D20	4954
3981^ 7	4203D17	4265D21	4955
3992^ 7	4212D18	4274D21	4957
4014^ 8	4231D18	4293D22	4960
4067^10	4274D20	4336D24	4963
4119^12	4319D22	4381D26	4960
4174^14	4366D24	4428D28	4965

High QNH **+40** per .10" — Low QNH **-130** per .10"

Engine A/I ON **-460** — Wing A/I ON **-460**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
46	90.8	3765^16	3932^19	3986^20
44	91.1	3830^17	4001^20	4057^21
42	91.2	3895^18	4069^21	4126^22
40	91.3	3959^19	4136^22	4195^23
38	91.4	4019^19	4200^23	4259^24
36	91.6	4074^20	4261^24	4321^25
34	91.6	4123^21	4316^24	4378^26
32	91.3	4163^21	4362^25	4426^26
30	91.0	4189^22	4391^25	4455^26
28	90.7	4199^22	4400^25	4464^27
26	90.4	4209^22	4410^26	4474^27
24	90.1	4219^22	4419^26	4483^27
20	89.5	4240^22	4438^26	4503^27
10	87.9	4288^23	4484^27	4548^28
0	86.4	4333^24	4530^28	4594^29
-10	84.8	4382^25	4580^29	4644^30

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3730^ 4	3932D15	3986D18	4510
3791^ 5	4001D15	4057D18	4609
3849^ 5	4069D16	4126D19	4709
3907^ 6	4136D16	4195D19	4806
3962^ 6	4200D16	4259D20	4898
4015^ 7	4261D17	4321D20	4990
4062^ 7	4316D17	4378D21	5071
4104^ 7	4362^17	4426D21	5071
4130^ 7	4390^18	4455D21	5071
4142^ 8	4400D18	4464D22	5071
4153^ 8	4410D19	4474D22	5071
4165^ 8	4419D19	4483D22	5071
4188^ 9	4438D20	4503D23	5071
4245^11	4484D22	4548D25	5071
4303^13	4530D24	4594D27	5071
4362^15	4580D26	4644D29	5071

High QNH **+80** per .10" — Low QNH **-150** per .10"

Engine A/I ON **-550** — Wing A/I ON **-550**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
46	90.8	3765^16-16-27	3932^19-19-30	3986^20-20-31	4039^21-21-32
44	91.1	3830^17-17-28	4001^20-20-31	4057^21-21-32	4110^22-22-33
42	91.2	3895^18-18-29	4069^21-21-32	4126^22-22-33	4182^23-23-34
40	91.3	3959^19-19-30	4136^22-22-33	4195^23-23-34	4252^24-24-35
38	91.4	4019^19-19-31	4200^23-23-34	4259^24-24-35	4317^25-25-36
36	91.6	4074^20-20-32	4261^24-24-35	4321^25-25-36	4381^26-26-37
34	91.6	4123^21-21-33	4316^24-24-36	4378^26-26-37	4439^27-27-38
32	91.3	4163^21-21-33	4362^25-25-37	4426^26-26-37	4488^27-27-38
30	91.0	4189^22-22-34	4391^25-25-37	4455^26-26-38	4517^28-28-39
28	90.7	4199^22-22-34	4400^25-25-37	4464^27-27-38	4526^28-28-39
26	90.4	4209^22-22-34	4410^26-26-37	4474^27-27-38	4537^28-28-39
24	90.1	4219^22-22-34	4419^26-26-37	4483^27-27-38	4546^28-28-39
20	89.5	4240^22-22-35	4438^26-26-38	4503^27-27-39	4566^28-28-40
10	87.9	4288^23-23-35	4484^27-27-38	4548^28-28-39	4611^29-29-40
0	86.4	4333^24-24-36	4530^28-28-39	4594^29-29-40	4657^30-30-41
-10	84.8	4382^25-25-37	4580^29-29-40	4644^30-30-41	4706^31-31-42

High QNH **+80** per .10" — Low QNH **-150** per .10"

Engine A/I ON **-550** — Wing A/I ON **-550**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	1864	Length	6611	Shift	**0**	Clearway	279	Stopway	279	Slope	-0.06
Rwy Rev.		Program						Rules	FAA		**19 Aug 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	3765^16	3932^19	3986^20	3757^16	3924^19	3978^20			
44	3830^17	4001^20	4057^21	3822^17	3992^20	4047^21			
42	3895^18	4069^21	4126^22	3886^17	4060^21	4117^22			
40	3959^19	4136^22	4195^23	3950^18	4128^22	4186^23			
38	4019^19	4200^23	4259^24	4007^19	4190^23	4249^24			
36	4074^20	4261^24	4321^25	4064^20	4252^24	4312^25			
34	4123^21	4316^24	4378^26	4110^21	4303^24	4364^25			
32	4163^21	4362^25	4426^26	4145^21	4342^25	4405^26			
30	4189^22	4391^25	4455^26	4180^21	4382^25	4445^26			
28	4199^22	4400^25	4464^27	4190^22	4392^25	4456^26			
26	4209^22	4410^26	4474^27	4200^22	4401^25	4465^27			
24	4219^22	4419^26	4483^27	4211^22	4411^26	4474^27			
20	4240^22	4438^26	4503^27	4231^22	4430^26	4494^27			
10	4288^23	4484^27	4548^28	4234^23	4428^26	4490^27			
	High QNH +80 per .10"			High QNH +80 per .10"			High QNH per .10"		
	Low QNH -150 per .10"			Low QNH -140 per .10"			Low QNH per .10"		
	Engine A/I ON -550			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON -550			Wing A/I ON +0			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	3730^ 4	3932D15	3986D18	3723^ 4	3924D14	3978D18			
44	3791^ 5	4001D15	4057D18	3784^ 5	3992D15	4047D18			
42	3849^ 5	4069D16	4126D19	3842^ 5	4060D15	4117D19			
40	3907^ 6	4136D16	4195D19	3900^ 6	4128D16	4186D19			
38	3962^ 6	4200D16	4259D20	3953^ 6	4190D16	4249D20			
36	4015^ 7	4261D17	4321D20	4007^ 7	4252D17	4312D20			
34	4062^ 7	4316D17	4378D21	4052^ 7	4303D17	4364D21			
32	4104^ 7	4362^17	4426D21	4088^ 7	4342D17	4405D21			
30	4130^ 7	4390^18	4455D21	4124^ 7	4382D18	4445D21			
28	4142^ 8	4400D18	4464D22	4135^ 8	4392D18	4456D21			
26	4153^ 8	4410D19	4474D22	4147^ 8	4401D18	4465D22			
24	4165^ 8	4419D19	4483D22	4158^ 8	4411D19	4474D22			
20	4188^ 9	4438D20	4503D23	4182^ 9	4430D20	4494D23			
10	4245^11	4484D22	4548D25	4197^11	4428D22	4490D25			
	High QNH +80 per .10"			High QNH +80 per .10"			High QNH per .10"		
	Low QNH -150 per .10"			Low QNH -140 per .10"			Low QNH per .10"		
	Engine A/I ON -550			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON -550			Wing A/I ON +0			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		3660F96	3992F98	3066F92	3505F 0	3647F 3			
26		3689F96	4022F98	3158F92	3520F 0	3665F 3			
24		3722F96	4055F99	3158F92	3536F 1	3682F 3			
22		3757F97	4084F99	3158F92	3550F 1	3700F 4			
20		3787F97	4115F99		3566F 1	3720F 4			
18		3824F97	4150F 0		3582F 2	3738F 4			
16		3859F97	4179F 0	3244F93	3598F 2	3757F 4			
14		3895F98	4214F 0	3252F94	3614F 2	3778F 5			
12		3928F98	4243F 0	3262F94	3630F 2	3796^ 5			
10		3962F98	4274F 1	3268F94	3645F 3	3815^ 5			
0		4135F 0	4338^ 2	3333F96	3741F 4	3932^ 7			
-10		4156F 2	4402^ 4	3401F97	3849F 6	4045^ 8			
-20	3277F96	4330F 3	4432^ 7	3468F99	3968^ 7	4135^10			
-30	3487F97	4376^ 5	4429^ 9	3544F 0	4072^ 9	4225^12			
	High QNH +60 per .10"			High QNH +90 per .10"			High QNH per .10"		
	Low QNH -80 per .10"			Low QNH -130 per .10"			Low QNH per .10"		
	Engine A/I ON -140			Engine A/I ON -430			Engine A/I ON		
	Wing A/I ON -140			Wing A/I ON -430			Wing A/I ON		

Elevation	1864	Length	6611	Shift	**0**	Clearway	279	Stopway	279	Slope	-0.06
Rwy Rev.		Program						Rules	FAA		**19 Aug 19**

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FLAPS 22 - ALL COMPONENTS OPERATIVE - DRY RWY - NO WIND/STD PRESS

OAT °C		MAXIMUM LANDING WEIGHT (/100) / LIMIT CODE / FLAP SETTING					
		06R 6611'	24L 6234'				
46		451F22	421F22				
45		451F22	421F22				
44		451F22	421F22				
43		451F22	421F22				
42		451F22	421F22				
41		451F22	421F22				
40		451F22	421F22				
39		451F22	421F22				
38		451F22	421F22				
37		451F22	421F22				
36		451F22	421F22				
34		451F22	421F22				
32		451F22	421F22				
30		451F22	421F22				
28		451F22	421F22				
26		451F22	421F22				
24		451F22	421F22				
22		451F22	421F22				
20		451F22	421F22				
15		451F22	421F22				
10		451F22	421F22				
5		451F22	421F22				
0		451F22	421F22				
-5		451F22	421F22				
-10		451F22	421F22				
-15		451F22	421F22				
-20		451F22	421F22				
-25		451F22	421F22				
-30		451F22	421F22				
-35		451F22	421F22				
-40		451F22	421F22				
-45		---	---				

FLAPS 45 - ALL COMPONENTS OPERATIVE - DRY RWY - NO WIND/STD PRESS

OAT °C		MAXIMUM LANDING WEIGHT (/100) / LIMIT CODE / FLAP SETTING					
		06R 6611'	24L 6234'				
46		480A45	480A45				
45		480A45	480A45				
44		480A45	480A45				
43		480A45	480A45				
42		480A45	480A45				
41		480A45	480A45				
40		480A45	480A45				
39		480A45	480A45				
38		480A45	480A45				
37		480A45	480A45				
36		480A45	480A45				
34		480A45	480A45				
32		480A45	480A45				
30		480A45	480A45				
28		480A45	480A45				
26		480A45	480A45				
24		480A45	480A45				
22		480A45	480A45				
20		480A45	480A45				
15		480A45	480A45				
10		480A45	480A45				
5		480A45	480A45				
0		480A45	480A45				
-5		480A45	480A45				
-10		480A45	480A45				
-15		480A45	480A45				
-20		480A45	480A45				
-25		480A45	480A45				
-30		480A45	480A45				
-35		480A45	480A45				
-40		480A45	480A45				
-45		---	---				

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Max. Perf. Limited Landing Weight is the Lesser of the Climb and Field Length Limit Weights for the Same Flap Setting

APPROACH & LANDING CLIMB LIMIT WEIGHT (/100)

	OAT °C									
	-10	0	10	20	25	30	35	40	45	46
** FLAPS 22 **										
	535	534	533	533	533	532	532	521	492	487
Eng A/I ON	-10	-9	-9	-----	-----	-----	-----	-----	-----	-----
Enroute Icing	-80	-80	-80	-80	-----	-----	-----	-----	-----	-----
Hi QNH per 10mb	+0	+0	+0	+0	+0	+0	+0	+1	+2	+2
Lo QNH per 10mb	+0	+0	+0	+0	+0	+0	+0	-2	-2	-----
** FLAPS 45 **										
	535	534	533	533	533	532	532	521	492	487
Eng A/I ON	-10	-9	-9	-----	-----	-----	-----	-----	-----	-----
Enroute Icing	-80	-80	-80	-80	-----	-----	-----	-----	-----	-----
Hi QNH per 10mb	+0	+0	+0	+0	+0	+0	+0	+1	+2	+2
Lo QNH per 10mb	+0	+0	+0	+0	+0	+0	+0	-2	-2	-----

LANDING FIELD LENGTH LIMIT WEIGHT (/100)

	06R 6611'	24L 6234'				
*** FLAPS 22 ***						
Dry Runway	451	421				
TW/HW per kt	-7/ +2	-7/ +2				
Wet Runway	383	356				
*** FLAPS 45 ***						
Dry Runway	529	529				
TW/HW per kt	+0/ +0	-4/ +0				
Wet Runway	529	497				

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		2276'		**DT H116**	**2276'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	87.8	4435^28	4530^30	4561^30	4432^21	4530D30	4561D31	4610
44	88.0	4535^30	4631^31	4663^32	4530^21	4631D31	4663D32	4712
42	88.1	4635^31	4733^33	4765^33	4629^21	4733D32	4765D33	4814
40	88.2	4718^32	4816^34	4850^34	4710^22	4816D32	4850D35	4886
38	88.0	4774^33	4875^35	4908^35	4766^22	4875D32	4908D35	4946
36	87.7	4788^33	4890^35	4923^36	4780^22	4890D33	4923D36	4956
34	87.5	4793^33	4896^35	4930^36	4786^23	4896D33	4930D36	4958
32	87.3	4793^33	4896^35	4930^36	4786^23	4896D33	4930D36	4959
30	87.0	4793^33	4897^35	4932^36	4787^24	4897D34	4932D36	4961
20	85.6	4795^33	4902^35	4937^36	4792^26	4902D35	4937D36	4969
10	84.1	4787^33	4897^35	4934^36	4787^28	4897D35	4934D36	4968
0	82.6	4782^33	4895^35	4932^36	4782D31	4895D35	4932D36	4970
-10	81.1	4777^33	4893^35	4932^36	4777D33	4893D35	4932D36	4974
-20	79.5	4765^33	4885^35	4926^36	4765D33	4885D35	4926D36	4973
-30	77.9	4751^33	4875^35	4917^35	4751D33	4875D35	4917D36	4970
-40	76.3	4734^32	4863^35	4907^35	4734D32	4863D35	4907D35	4965

High QNH **+0** per .10" Engine A/I ON **-840**
Low QNH **-170** per .10" Wing A/I ON **-840**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	90.9	4447^28	4541^30	4573^31	4446^23	4541D30	4573D31	4611
44	91.1	4548^30	4644^32	4675^32	4545^23	4644D32	4675D32	4714
42	91.3	4649^31	4746^33	4778^33	4645^23	4746D33	4778D34	4816
40	91.4	4745^33	4842^34	4875^35	4739^24	4842D34	4875D35	4916
38	91.2	4837^34	4936^36	4968^36	4829^24	4936D34	4968D36	5009
36	91.1	4926^35	5026^37	5059^37	4917^24	5026D35	5059D37	5071
34	90.9	5013^36	5071A37	5071A37	5003^24	5071A35	5071A37	5071
32	90.6	5071A37	5071A37	5071A37	5061^24	5071A35	5071A37	5071
30	90.3	5071A37	5071A37	5071A37	5067^25	5071A36	5071A37	5071
20	88.8	5071A37	5071A37	5071A37	5071A27	5071A37	5071A37	5071
10	87.2	5071A37	5071A37	5071A37	5068^29	5071A37	5071A37	5071
0	85.7	5062^37	5071A37	5071A37	5062D32	5071A37	5071A37	5071
-10	84.1	5056^37	5071A37	5071A37	5056D34	5071A37	5071A37	5071
-20	82.5	5042^36	5071A37	5071A37	5042D37	5071A37	5071A37	5071
-30	80.9	5025^36	5071A37	5071A37	5025D36	5071A37	5071A37	5071
-40	79.2	5006^36	5071A37	5071A37	5006D36	5071A37	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
46	90.9	4447^28-28-38	4541^30-30-39	4573^31-31-40	4605^31-31-40
44	91.1	4548^30-30-39	4644^32-32-41	4675^32-32-41	4708^33-33-42
42	91.3	4649^31-31-41	4746^33-33-42	4778^33-33-43	4811^34-34-43
40	91.4	4745^33-33-42	4842^34-34-44	4875^35-35-44	4907^35-35-44
38	91.2	4837^34-34-43	4936^36-36-45	4968^36-36-45	5002^37-37-46
36	91.1	4926^35-35-45	5026^37-37-46	5059^37-37-47	5071A37-37-47
34	90.9	5013^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	90.6	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	90.3	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	88.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	87.2	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	85.7	5062^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	84.1	5056^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	82.5	5042^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.9	5025^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
-40	79.2	5006^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 1276 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope -0.43
Rwy Rev. Program Rules FAA **23 Aug 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	4447^28	4541^30	4573^31	4440^28	4534^30	4565^31			
44	4548^30	4644^32	4675^32	4540^30	4636^31	4668^32			
42	4649^31	4746^33	4778^33	4642^31	4738^33	4770^33			
40	4745^33	4842^34	4875^35	4737^32	4835^34	4868^35			
38	4837^34	4936^36	4968^36	4828^34	4927^35	4960^36			
36	4926^35	5026^37	5059^37	4915^35	5015^37	5048^37			
34	5013^36	5071A37	5071A37	4985^36	5071A37	5071A37			
32	5071A37	5071A37	5071A37	5051^37	5071A37	5071A37			
30	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37			
20	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37			
10	5071A37	5071A37	5071A37	4971^36	5071A37	5071A37			
0	5062^37	5071A37	5071A37	4990^36	5071A37	5071A37			
-10	5056^37	5071A37	5071A37	5003^36	5071A37	5071A37			
-20	5042^36	5071A37	5071A37	4998^36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	4446^23	4541D30	4573D31	4438^22	4534D30	4565D31			
44	4545^23	4644D32	4675D32	4538^23	4636D32	4668D32			
42	4645^23	4746D33	4778D34	4637^23	4738D33	4770D33			
40	4739^24	4842D34	4875D35	4731^24	4835D34	4868D35			
38	4829^24	4936D34	4968D36	4821^24	4927D34	4960D36			
36	4917^24	5026D35	5059D37	4906^24	5015D34	5048D37			
34	5003^24	5071A35	5071A37	4975^24	5071A35	5071A37			
32	5061^24	5071A35	5071A37	5040^24	5071A35	5071A37			
30	5067^25	5071A36	5071A37	5061^25	5071A36	5071A37			
20	5071A27	5071A37	5071A37	5067^27	5071A37	5071A37			
10	5068^29	5071A37	5071A37	4970^30	5071A37	5071A37			
0	5062D32	5071A37	5071A37	4990D32	5071A37	5071A37			
-10	5056D34	5071A37	5071A37	5003D34	5071A37	5071A37			
-20	5042D37	5071A37	5071A37	4998D36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4511F 2	4771F12	4863F15	4183F 7	4416F16	4495F19			
26	4522F 2	4784F12	4877F15	4193F 7	4428F16	4507F19			
24	4535F 3	4798F12	4890F16	4206F 7	4440F17	4519F20			
22	4546F 3	4812F13	4904F16	4216F 8	4452F17	4531F20			
20	4559F 3	4825F13	4918F16	4227F 8	4461F17	4543F21			
18	4571F 4	4839F14	4930F17	4238F 8	4473F18	4556F21			
16	4582F 4	4852F14	4945F17	4249F 9	4485F18	4568F21			
14	4594F 4	4865F14	4958F18	4259F 9	4496F19	4580F22			
12	4604F 5	4877F15	4971F18	4268F10	4505F19	4590F22			
10	4614F 5	4888F15	4983F18	4277F10	4515F19	4600F22			
0	4679F 7	4960F17	5059F20	4336F12	4580F21	4668F24			
-10	4746F 9	5035F19	5071A23	4392F14	4644F23	4737F26			
-20	4810F11	5071A22	5071A26	4448F16	4707F25	4803F28			
-30	4879F14	5071A25	5071A29	4502F18	4773F27	4876F30			
	High QNH +0 per .10" Low QNH -110 per .10"			High QNH +90 per .10" Low QNH -90 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -520 Wing A/I ON -520			Engine A/I ON -530 Wing A/I ON -530			Engine A/I ON Wing A/I ON		

Elevation	1276	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.43
Rwy Rev.		Program						Rules	FAA		**23 Aug 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		2276'		**LT H110**	**2276'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	87.8	3635F13	3885F18	3964F19	3579F97	3860F 7	3953F10	4610
44	88.0	3691F13	3947F19	4027F20	3632F97	3919F 7	4013F11	4712
42	88.1	3746F14	4008F19	4089F21	3561F98	3974F 8	4071F11	4814
40	88.2	3789F15	4052F20	4136F22	3458F99	4019F 8	4117F12	4886
38	88.0	3811F15	4076F20	4160F22	3496F 0	4042F 9	4141F12	4946
36	87.7	3827F15	4094F21	4178F22	3586F 0	4060F 9	4160F12	4956
34	87.5	3838F16	4105F21	4189F23	3692F 0	4071F 9	4172F13	4958
32	87.3	3848F16	4116F21	4199F23	3787F 0	4084F10	4184F13	4959
30	87.0	3858F16	4125F21	4210F23	3797F 0	4096F10	4194F13	4961
20	85.6	3911F17	4179F22	4266F24	3853F 1	4158F12	4257F15	4969
10	84.1	3963F18	4231F23	4321F25	3908F 3	4215F13	4319F17	4968
0	82.6	4021F19	4290F24	4382F26	3971F 5	4282F15	4382D19	4970
-10	81.1	4079F20	4348F25	4443F27	4034F 7	4348D17	4443D21	4974
-20	79.5	4134F21	4406F26	4502F28	4097F 8	4406D19	4502D23	4973
-30	77.9	4187F22	4466F28	4567F29	4161F10	4466D21	4567D25	4970
-40	76.3	4243F23	4531F29	4636F31	4226F13	4531D23	4636D27	4965

High QNH **+50** per .10" Engine A/I ON **-380**
Low QNH **-130** per .10" Wing A/I ON **-380**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 22 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
46	90.9	3827^ 9	3926^10	3960^11	3819^96	3926D 7	3960D10	4069
44	91.1	3913^10	4014^11	4048^12	3904^96	4014D 7	4048D10	4160
42	91.3	3999^11	4101^12	4136^13	3978F97	4101D 7	4136D11	4251
40	91.4	4081^12	4185^13	4220^14	3949F98	4185D 8	4220D11	4340
38	91.2	4161^13	4267^14	4303^15	3921F98	4267D 8	4303D11	4425
36	91.1	4239^12	4348^15	4384^16	3879F99	4347^ 8	4384D12	4511
34	90.9	4316^12	4428^16	4468^17	3838F99	4427^ 8	4468D12	4597
32	90.6	4369^12	4485^17	4525^17	3822F 0	4483^ 8	4525D12	4657
30	90.3	4375^13	4492^17	4532^17	3842F 0	4490^ 9	4532D12	4666
20	88.8	4379^15	4496^17	4537^17	3990F 1	4496D10	4537D14	4673
10	87.2	4366^15	4485^17	4527^17	4144F 3	4485D13	4527D16	4668
0	85.7	4360^15	4481^17	4525^17	4294F 4	4481D15	4525D17	4672
-10	84.1	4353^15	4477^17	4521^17	4305F 6	4477D17	4521D17	4675
-20	82.5	4337^15	4466^16	4511^17	4336^ 8	4466D17	4511D17	4671
-30	80.9	4321^14	4454^16	4499^17	4321D10	4454D16	4499D17	4667
-40	79.2	4302^14	4439^16	4486^17	4302D13	4439D16	4486D17	4661

High QNH **+80** per .10" Engine A/I ON **-960**
Low QNH **-160** per .10" Wing A/I ON **-960**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
46	90.9	3827^ 9- 9-16	3926^10-10-17	3960^11-11-18	3994^11-11-18
44	91.1	3913^10-10-17	4014^11-11-18	4048^12-12-19	4082^12-12-19
42	91.3	3999^11-11-18	4101^12-12-19	4136^13-13-20	4171^13-13-20
40	91.4	4081^12-12-19	4185^13-13-20	4220^14-14-21	4256^14-14-21
38	91.2	4161^13-13-20	4267^14-14-21	4303^15-15-22	4339^15-15-22
36	91.1	4239^12-14-21	4348^15-15-22	4384^16-16-23	4423^16-16-23
34	90.9	4316^12-14-22	4428^16-16-23	4468^17-17-24	4507^17-17-24
32	90.6	4369^12-15-23	4485^17-17-24	4525^17-17-24	4565^18-18-25
30	90.3	4375^13-15-23	4492^17-17-24	4532^17-17-24	4572^18-18-25
20	88.8	4379^15-15-23	4496^17-17-24	4537^17-17-24	4578^18-18-25
10	87.2	4366^15-15-23	4485^17-17-24	4527^17-17-24	4570^18-18-25
0	85.7	4360^15-15-22	4481^17-17-24	4525^17-17-24	4569^18-18-25
-10	84.1	4353^15-15-22	4477^17-17-24	4521^17-17-24	4567^18-18-25
-20	82.5	4337^15-15-22	4466^16-16-24	4511^17-17-24	4558^18-18-25
-30	80.9	4321^14-14-22	4454^16-16-24	4499^17-17-24	4547^17-17-25
-40	79.2	4302^14-14-22	4439^16-16-23	4486^17-17-24	4535^17-17-24

High QNH **+80** per .10" Engine A/I ON **-960**
Low QNH **-160** per .10" Wing A/I ON **-960**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 1276 Length 5906 Shift **0** Clearway 0 Stopway 0 Slope -0.27
Rwy Rev. Program Rules FAA **23 Aug 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 22 -10T	+0	+10H
46	3827^ 9	3926^10	3960^11
44	3913^10	4014^11	4048^12
42	3999^11	4101^12	4136^13
40	4081^12	4185^13	4220^14
38	4161^13	4267^14	4303^15
36	4239^12	4348^15	4384^16
34	4316^12	4428^16	4468^17
32	4369^12	4485^17	4525^17
30	4375^13	4492^17	4532^17
20	4379^15	4496^17	4537^17
10	4366^15	4485^17	4527^17
0	4360^15	4481^17	4525^17
-10	4353^15	4477^17	4521^17
-20	4337^15	4466^16	4511^17

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-960**
Wing A/I ON **-960**

DRY - EAI VLV INOP OPEN

Flaps 22 -10T	+0	+10H
3821^ 8	3920^10	3953^10
3907^10	4007^11	4041^12
3992^11	4094^12	4129^13
4075^12	4179^13	4214^14
4153^12	4260^14	4296^15
4229^12	4338^15	4375^16
4291^12	4403^16	4441^16
4349^12	4464^17	4504^17
4369^12	4486^17	4526^17
4373^14	4490^17	4531^17
4271^14	4388^16	4427^16
4310^14	4430^16	4471^17
4314^14	4438^16	4480^17
4306^14	4434^16	4478^17

High QNH **+60** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-150**
Wing A/I ON **-150**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 22 -10T	+0	+10H
46	3819^96	3926D 7	3960D10
44	3904^96	4014D 7	4048D10
42	3978F97	4101D 7	4136D11
40	3949F98	4185D 8	4220D11
38	3921F98	4267D 8	4303D11
36	3879F99	4347^ 8	4384D12
34	3838F99	4427^ 8	4468D12
32	3822F 0	4483^ 8	4525D12
30	3842F 0	4490^ 9	4532D12
20	3990F 1	4496D10	4537D14
10	4144F 3	4485D13	4527D16
0	4294F 4	4481D15	4525D17
-10	4305F 6	4477D17	4521D17
-20	4336^ 8	4466D17	4511D17

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-960**
Wing A/I ON **-960**

WET - EAI VLV INOP OPEN

Flaps 22 -10T	+0	+10H
3813^96	3920D 6	3953D10
3897^96	4007D 7	4041D10
3971F97	4094D 7	4129D11
3942F97	4179D 7	4214D11
3907F98	4260D 8	4296D11
3870F99	4338^ 8	4375D11
3835F99	4401^ 8	4441D12
3816F 0	4462^ 8	4504D12
3836F 0	4484^ 8	4526D12
3983F 1	4490D10	4531D14
4133F 2	4388D13	4427D16
4281F 4	4430D15	4471D17
4295F 6	4438D16	4480D17
4306^ 8	4434D16	4478D17

High QNH **+60** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-150**
Wing A/I ON **-150**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28			2971F94
26			3172F94
24			3205F94
22			3255F94
20			3300F95
18			3340F95
16			3385F95
14			3429F95
12			3471F96
10			3517F96
0		3377F95	3728F97
-10		3421F97	3767F99
-20		3628F99	4016F 1
-30		3832F 0	4230F 3

High QNH **+70** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
	3302F93	3451F96
	3331F93	3464F96
	3346F94	3480F97
	3367F94	3495F97
	3375F94	3510F97
	3391F95	3525F98
	3375F94	3541F98
	3419F95	3556F98
	3438F96	3568F99
	3451F96	3585F99
	3531F98	3676F 0
	3623F 0	3781F 2
	3711F 1	3901F 4
2797F95	3817F 3	4050F 5

High QNH **+0** per .10"
Low QNH **-240** per .10"

Engine A/I ON **-350**
Wing A/I ON **-350**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	1276	Length	5906	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.27
Rwy Rev.		Program						Rules	FAA		**23 Aug 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		2276'		**RT H110**	**2276'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	87.8	4424^28	4520^30	4552^30	4420^21	4520D30	4552D30	4610
44	88.0	4524^29	4621^31	4653^32	4518^21	4621D31	4653D32	4712
42	88.1	4623^31	4722^33	4755^33	4616F22	4722D32	4755D33	4814
40	88.2	4706^32	4805^34	4839^34	4667F22	4805D32	4839D34	4886
38	88.0	4753^33	4863^35	4897^35	4695F23	4863D32	4897D35	4946
36	87.7	4770^33	4878^35	4912^35	4716F23	4878D33	4912D36	4956
34	87.5	4774^33	4884^35	4918^35	4729F23	4884D33	4918D36	4958
32	87.3	4781^33	4884^35	4919^35	4742F24	4884D33	4919D36	4959
30	87.0	4782^33	4885^35	4921^36	4756F24	4885D34	4921D36	4961
20	85.6	4783^33	4890^35	4926^36	4779^26	4890D35	4926D36	4969
10	84.1	4775^33	4886^35	4923^36	4775^28	4886D35	4923D36	4968
0	82.6	4770^33	4883^35	4922^35	4770D31	4883D35	4922D36	4970
-10	81.1	4765^33	4882^35	4922^35	4765D33	4882D35	4922D36	4974
-20	79.5	4754^33	4874^35	4915^35	4754D33	4874D35	4915D35	4973
-30	77.9	4739^32	4865^35	4907^35	4739D33	4865D35	4907D35	4970
-40	76.3	4723^32	4853^34	4896^35	4723D32	4853D34	4896D35	4965

High QNH **+0** per .10" Engine A/I ON **-820**
Low QNH **-170** per .10" Wing A/I ON **-820**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	90.9	4438^28	4532^30	4564^30	4436^23	4532D30	4564D31	4611
44	91.1	4539^30	4634^31	4666^32	4535^23	4634D31	4666D32	4714
42	91.3	4639^31	4736^33	4769^33	4633^24	4736D33	4769D33	4816
40	91.4	4735^32	4832^34	4866^35	4727^24	4832D34	4866D35	4916
38	91.2	4826^34	4926^35	4958^36	4817^25	4926D35	4958D36	5009
36	91.1	4915^35	5016^37	5049^37	4890F25	5016D35	5049D37	5071
34	90.9	5002^36	5071A37	5071A37	4934F25	5071A35	5071A37	5071
32	90.6	5060^37	5071A37	5071A37	4968F25	5071A35	5071A37	5071
30	90.3	5066^37	5071A37	5071A37	4988F25	5071A36	5071A37	5071
20	88.8	5070^37	5071A37	5071A37	5060^27	5071A37	5071A37	5071
10	87.2	5060^37	5071A37	5071A37	5056^30	5071A37	5071A37	5071
0	85.7	5051^37	5071A37	5071A37	5051^32	5071A37	5071A37	5071
-10	84.1	5045^36	5071A37	5071A37	5045D35	5071A37	5071A37	5071
-20	82.5	5031^36	5071A37	5071A37	5031D36	5071A37	5071A37	5071
-30	80.9	5014^36	5071A37	5071A37	5014D36	5071A37	5071A37	5071
-40	79.2	4996^36	5071A37	5071A37	4996D36	5071A37	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **-20**
Low QNH **-180** per .10" Wing A/I ON **-20**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
46	90.9	4438^28-28-38	4532^30-30-39	4564^30-30-39	4595^31-31-40
44	91.1	4539^30-30-39	4634^31-31-41	4666^32-32-41	4698^32-32-41
42	91.3	4639^31-31-41	4736^33-33-42	4769^33-33-42	4802^34-34-43
40	91.4	4735^32-32-42	4832^34-34-43	4866^35-35-44	4898^35-35-44
38	91.2	4826^34-34-43	4926^35-35-45	4958^36-36-45	4991^36-36-46
36	91.1	4915^35-35-45	5016^37-37-46	5049^37-37-47	5071A37-37-47
34	90.9	5002^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	90.6	5060^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	90.3	5066^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	88.8	5070^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	87.2	5060^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	85.7	5051^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	84.1	5045^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	82.5	5031^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.9	5014^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
-40	79.2	4996^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **-20**
Low QNH **-180** per .10" Wing A/I ON **-20**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 1276 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.43
Rwy Rev. Program Rules FAA **23 Aug 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	4438^28	4532^30	4564^30	4430^28	4525^30	4556^30			
44	4539^30	4634^31	4666^32	4531^30	4627^31	4659^32			
42	4639^31	4736^33	4769^33	4632^31	4729^33	4761^33			
40	4735^32	4832^34	4866^35	4727^32	4825^34	4858^35			
38	4826^34	4926^35	4958^36	4817^34	4917^35	4950^36			
36	4915^35	5016^37	5049^37	4904^35	5004^36	5037^37			
34	5002^36	5071A37	5071A37	4974^36	5071A37	5071A37			
32	5060^37	5071A37	5071A37	5035^36	5071A37	5071A37			
30	5066^37	5071A37	5071A37	5059^37	5071A37	5071A37			
20	5070^37	5071A37	5071A37	5063^37	5071A37	5071A37			
10	5060^37	5071A37	5071A37	4959^35	5069^37	5071A37			
0	5051^37	5071A37	5071A37	4979^36	5071A37	5071A37			
-10	5045^36	5071A37	5071A37	4992^36	5071A37	5071A37			
-20	5031^36	5071A37	5071A37	4987^36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -180 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -20 Wing A/I ON -20			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	4436^23	4532D30	4564D31	4428^23	4525D30	4556D30			
44	4535^23	4634D31	4666D32	4527^23	4627D31	4659D32			
42	4633^24	4736D33	4769D33	4626^24	4729D33	4761D33			
40	4727^24	4832D34	4866D35	4720^24	4825D34	4858D35			
38	4817^25	4926D35	4958D36	4808^24	4917D34	4950D36			
36	4890F25	5016D35	5049D37	4876F24	5004D35	5037D37			
34	4934F25	5071A35	5071A37	4919F25	5071A35	5071A37			
32	4968F25	5071A35	5071A37	4947F25	5071A35	5071A37			
30	4988F25	5071A36	5071A37	4977F25	5071A36	5071A37			
20	5060^27	5071A37	5071A37	5051F27	5071A37	5071A37			
10	5056^30	5071A37	5071A37	4958^30	5069D37	5071A37			
0	5051^32	5071A37	5071A37	4979D32	5071A37	5071A37			
-10	5045D35	5071A37	5071A37	4992D35	5071A37	5071A37			
-20	5031D36	5071A37	5071A37	4987D36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -180 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -20 Wing A/I ON -20			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4423F 5	4680F14	4770F17	4124F 9	4342F18	4420F21			
26	4434F 5	4693F15	4783F18	4133F 9	4353F18	4432F21			
24	4446F 5	4706F15	4797F18	4146F 9	4365F19	4445F21			
22	4457F 6	4719F15	4810F18	4154F10	4376F19	4457F22			
20	4469F 6	4732F16	4824F19	4165F10	4387F19	4469F22			
18	4481F 6	4746F16	4837F19	4176F10	4400F20	4481F22			
16	4493F 7	4759F17	4851F20	4187F11	4411F20	4494F23			
14	4504F 7	4771F17	4863F20	4197F11	4422F20	4506F23			
12	4513F 8	4783F17	4875F20	4205F11	4431F21	4516F24			
10	4523F 8	4794F18	4887F21	4213F12	4441F21	4527F24			
0	4587F10	4863F20	4959F23	4266F14	4504F23	4595F26			
-10	4652F12	4933F22	5034F25	4318F16	4570F25	4664F28			
-20	4716F14	5005F24	5071A27	4369F18	4634F27	4732F30			
-30	4781F16	5071A26	5071A30	4424F20	4703F29	4805F31			
	High QNH +0 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -90 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -510 Wing A/I ON -510			Engine A/I ON -510 Wing A/I ON -510			Engine A/I ON Wing A/I ON		

Elevation 1276 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.43

Rwy Rev. Program Rules FAA **23 Aug 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		2276'		**RT H130**	**2276'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	87.8	3591F12	3827F17	3905F18	3543F98	3814F 7	3905D11	4610
44	88.0	3645F12	3888F17	3966F19	3596F98	3872F 8	3965F11	4712
42	88.1	3700F13	3948F18	4027F20	3647F98	3929F 8	4023F12	4814
40	88.2	3743F14	3994F19	4074F20	3634F99	3974F 9	4068F12	4886
38	88.0	3764F14	4016F19	4098F21	3683F99	3997F 9	4092F12	4946
36	87.7	3780F14	4033F20	4115F21	3727F99	4015F 9	4110F13	4956
34	87.5	3790F15	4043F20	4126F21	3738F 0	4026F10	4122F13	4958
32	87.3	3800F15	4053F20	4136F22	3749F 0	4037F10	4134F13	4959
30	87.0	3811F15	4063F20	4147F22	3759F 0	4049F10	4144F14	4961
20	85.6	3863F16	4116F21	4201F23	3815F 2	4108F12	4201D15	4969
10	84.1	3914F17	4167F22	4255F24	3869F 4	4164F14	4255D17	4968
0	82.6	3971F18	4224F23	4315F25	3930F 5	4224D16	4315D19	4970
-10	81.1	4020F19	4281F24	4374F26	3990F 7	4281D18	4374D21	4974
-20	79.5	4069F20	4338F25	4434F27	4048F 9	4338D20	4434D23	4973
-30	77.9	4121F21	4397F26	4497F28	4108F11	4397D22	4497D25	4970
-40	76.3	4175F22	4461F27	4561F29	4173F13	4461D24	4561D27	4965

High QNH **+50** per .10" — Engine A/I ON **-370**
Low QNH **-130** per .10" — Wing A/I ON **-370**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 22 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
46	90.9	3822^ 8	3920^10	3953^10	3815^96	3920D 7	3953D10	4069
44	91.1	3907^10	4007^11	4041^12	3900^97	4007D 7	4041D10	4160
42	91.3	3993^11	4094^12	4129^13	3984^97	4094D 7	4129D11	4251
40	91.4	4075^12	4178^13	4213^14	3990F98	4178D 8	4213D11	4340
38	91.2	4155^12	4260^14	4295^15	3966F98	4260D 8	4295D12	4425
36	91.1	4232^12	4341^15	4376^16	3928F99	4341D 8	4376D12	4511
34	90.9	4309^12	4421^16	4459^16	3890F 0	4421D 8	4459D12	4597
32	90.6	4355F12	4477^17	4516^17	3872F 0	4477D 8	4516D12	4657
30	90.3	4369^12	4485^17	4524^17	3891F 0	4485D 9	4524D12	4666
20	88.8	4373^14	4488^17	4529^17	4035F 1	4488D11	4529D14	4673
10	87.2	4360^15	4477^17	4519^17	4182F 3	4477D13	4519D16	4668
0	85.7	4354^15	4474^16	4517^17	4323F 4	4474D15	4517D17	4672
-10	84.1	4347^15	4470^16	4514^17	4336F 6	4470D17	4514D17	4675
-20	82.5	4332^15	4460^16	4504^17	4332D 8	4460D16	4504D17	4671
-30	80.9	4316^14	4448^16	4492^17	4316D10	4448D16	4492D17	4667
-40	79.2	4298^14	4433^16	4479^17	4298D13	4433D16	4479D17	4661

High QNH **+80** per .10" — Engine A/I ON **-940**
Low QNH **-160** per .10" — Wing A/I ON **-940**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
46	90.9	3822^ 8- 8-16	3920^10-10-17	3953^10-10-18	3987^11-11-18
44	91.1	3907^10-10-17	4007^11-11-18	4041^12-12-19	4075^12-12-19
42	91.3	3993^11-11-18	4094^12-12-19	4129^13-13-20	4163^13-13-20
40	91.4	4075^12-12-19	4178^13-13-20	4213^14-14-21	4248^14-14-21
38	91.2	4155^12-13-20	4260^14-14-21	4295^15-15-22	4331^15-15-22
36	91.1	4232^12-13-21	4341^15-15-22	4376^16-16-23	4414^16-16-23
34	90.9	4309^12-14-22	4421^16-16-23	4459^16-16-24	4498^17-17-24
32	90.6	4355F12-15-22	4477^17-17-24	4516^17-17-24	4555^18-18-25
30	90.3	4369^12-15-23	4485^17-17-24	4524^17-17-24	4563^18-18-25
20	88.8	4373^14-15-23	4488^17-17-24	4529^17-17-24	4569^18-18-25
10	87.2	4360^15-15-22	4477^17-17-24	4519^17-17-24	4560^18-18-25
0	85.7	4354^15-15-22	4474^16-16-24	4517^17-17-24	4560^18-18-25
-10	84.1	4347^15-15-22	4470^16-16-24	4514^17-17-24	4558^18-18-25
-20	82.5	4332^15-15-22	4460^16-16-24	4504^17-17-24	4549^18-18-25
-30	80.9	4316^14-14-22	4448^16-16-23	4492^17-17-24	4539^17-17-24
-40	79.2	4298^14-14-22	4433^16-16-23	4479D17-17-24	4527^17-17-24

High QNH **+80** per .10" — Engine A/I ON **-940**
Low QNH **-160** per .10" — Wing A/I ON **-940**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 1276 Length 5906 Shift **0** Clearway 0 Stopway 0 Slope +0.27
Rwy Rev. Program Rules FAA **23 Aug 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
46	3822^ 8	3920^10	3953^10	3815^ 8	3913^10	3947^10			
44	3907^10	4007^11	4041^12	3901^ 9	4001^11	4034^11			
42	3993^11	4094^12	4129^13	3986^11	4088^12	4122^13			
40	4075^12	4178^13	4213^14	4069^12	4172^13	4206^14			
38	4155^12	4260^14	4295^15	4147^12	4044^11	4288^15			
36	4232^12	4341^15	4376^16	4223^12	4331^15	4367^15			
34	4309^12	4421^16	4459^16	4285^12	4395^16	4433^16			
32	4355F12	4477^17	4516^17	4333F12	4456^16	4495^17			
30	4369^12	4485^17	4524^17	4361F12	4478^17	4517^17			
20	4373^14	4488^17	4529^17	4367^14	4482^17	4523^17			
10	4360^15	4477^17	4519^17	4265^14	4381^15	4420^16			
0	4354^15	4474^16	4517^17	4304^14	4422^16	4463^17			
-10	4347^15	4470^16	4514^17	4308^14	4431^16	4473^17			
-20	4332^15	4460^16	4504^17	4301^14	4428^16	4471^17			
	High QNH +80 per .10" Low QNH -160 per .10"			High QNH +60 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -940 Wing A/I ON -940			Engine A/I ON -150 Wing A/I ON -150			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
46	3815^96	3920D 7	3953D10	3809^96	3913D 7	3947D10			
44	3900^97	4007D 7	4041D10	3893^97	4001D 7	4034D10			
42	3984^97	4094D 7	4129D11	3978^97	4088D 7	4122D11			
40	3990F98	4178D 8	4213D11	3982F98	4172D 8	4206D11			
38	3966F98	4260D 8	4295D12	3951F98	4044D 8	4288D11			
36	3928F99	4341D 8	4376D12	3918F99	4331D 8	4367D11			
34	3890F 0	4421D 8	4459D12	3883F 0	4395D 8	4433D12			
32	3872F 0	4477D 8	4516D12	3864F 0	4456D 8	4495D12			
30	3891F 0	4485D 9	4524D12	3884F 0	4478D 9	4517D12			
20	4035F 1	4488D11	4529D14	4028F 1	4482D10	4523D14			
10	4182F 3	4477D13	4519D16	4167F 2	4381D13	4420D16			
0	4323F 4	4474D15	4517D17	4300^ 4	4422D15	4463D17			
-10	4336F 6	4470D17	4514D17	4307^ 6	4431D16	4473D17			
-20	4332D 8	4460D16	4504D17	4301D 8	4428D16	4471D17			
	High QNH +80 per .10" Low QNH -160 per .10"			High QNH +60 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -940 Wing A/I ON -940			Engine A/I ON -150 Wing A/I ON -150			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28			3333F95		3285F95	3417F98			
26			3372F95		3297F95	3428F98			
24			3411F95		3313F95	3443F98			
22			3452F95		3327F95	3457F98			
20			3487F96		3343F96	3470F99			
18		2739F94	3526F96		3355F96	3486F99			
16		3031F94	3565F96		3370F96	3501F99			
14		3209F94	3601F96		3384F97	3515F 0			
12		3256F94	3641F97		3396F97	3529F 0			
10		3297F95	3681F97		3410F97	3543F 0			
0		3563F96	3868F98		3484F99	3630F 2			
-10		3596F98	3905F 0		3565F 1	3724F 3			
-20		3787F99	4124F 2	2783F95	3606F 1	3834F 5			
-30		3971F 1	4338F 4	3143F94	3762F 4	3961F 6			
	High QNH +70 per .10" Low QNH -550 per .10"			High QNH +40 per .10" Low QNH -120 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -70 Wing A/I ON -70			Engine A/I ON -370 Wing A/I ON -370			Engine A/I ON Wing A/I ON		

Elevation 1276 Length 5906 Shift **0** Clearway 0 Stopway 0 Slope +0.27

Rwy Rev. Program Rules FAA **23 Aug 18**

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MORELIA -MLM 05 **RT MLM*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7033'		*RT MLM	7033'	STD

*IF MLM VOR OTS DT H050

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	89.0	4068^23	4151^24	4178^25	4068D20	4151D24	4178D25	4234
34	89.2	4146^24	4229^26	4257^26	4146D20	4229D26	4257D26	4312
32	89.5	4223^25	4308^27	4336^27	4223^21	4308D27	4336D27	4390
30	89.7	4303^26	4388^28	4417^28	4302^21	4388D28	4417D29	4471
28	89.8	4385^28	4471^29	4500^30	4382^21	4471D29	4500D30	4556
26	89.9	4467^29	4553^30	4582^31	4463^22	4553D30	4582D31	4640
24	90.0	4547^30	4634^31	4663^32	4542^22	4634D31	4663D32	4724
22	90.1	4590^30	4679^32	4708^33	4585^23	4679D32	4708D33	4765
20	90.2	4592^30	4681^32	4710^33	4588^23	4681D32	4710D33	4770
18	89.9	4592^30	4682^32	4712^33	4589^24	4682D32	4712D33	4772
16	89.6	4593^30	4683^32	4713^33	4590^24	4683D32	4713D33	4773
10	88.7	4593^30	4685^32	4715^33	4592^25	4685D32	4715D33	4777
0	87.1	4587^30	4682^32	4713^33	4587D28	4682D32	4713D33	4779
-10	85.5	4574^30	4671^32	4703^32	4574D30	4671D32	4703D33	4772
-20	83.9	4566^30	4667^32	4700^32	4566D30	4667D32	4700D32	4773
-30	82.2	4550^30	4654^32	4688^32	4550D30	4654D32	4688D32	4766

High QNH **+100** per .10" — Engine A/I ON **-4030**
Low QNH **-170** per .10" — Wing A/I ON **-4030**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	93.8	4079^23	4161^25	4188^25	4079D22	4161D25	4188D25	4235
34	93.8	4158^24	4241^26	4268^26	4158D22	4241D26	4268D26	4314
32	93.8	4236^25	4319^27	4347^27	4236D23	4319D27	4347D28	4392
30	93.7	4316^27	4400^28	4429^29	4316D23	4400D28	4429D29	4473
28	93.7	4398^28	4483^29	4511^30	4397^23	4483D29	4511D30	4558
26	93.6	4480^29	4565^30	4594^31	4478^24	4565D31	4594D31	4642
24	93.6	4562^30	4648^32	4677^32	4559^24	4648D32	4677D32	4727
22	93.5	4607^31	4694^32	4723^33	4604^25	4694D32	4723D33	4768
20	93.5	4612^31	4699^32	4729^33	4610^26	4699D32	4729D33	4773
18	93.2	4613^31	4701^32	4730^33	4611^26	4701D32	4730D33	4774
16	93.0	4613^31	4701^32	4731^33	4612^27	4701D32	4731D33	4776
10	92.0	4612^31	4702^32	4732^33	4612D28	4702D32	4732D33	4779
0	90.3	4606^31	4699^32	4730^33	4606D31	4699D32	4730D33	4781
-10	88.7	4592^30	4688^32	4720^33	4592D31	4688D32	4720D33	4773
-20	87.0	4585^30	4684^32	4717^33	4585D30	4684D32	4717D33	4775
-30	85.2	4568^30	4670^32	4704^32	4568D30	4670D32	4704D33	4768

High QNH **+100** per .10" — Engine A/I ON **-4070**
Low QNH **-170** per .10" — Wing A/I ON **-4070**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
36	93.8	4079^23-23-32	4161^25-25-34	4188^25-25-34	4216^26-26-34
34	93.8	4158^24-24-33	4241^26-26-35	4268^26-26-35	4296^27-27-36
32	93.8	4236^25-25-35	4319^27-27-36	4347^27-27-36	4375^28-28-37
30	93.7	4316^27-27-36	4400^28-28-37	4429^29-29-38	4457^29-29-38
28	93.7	4398^28-28-37	4483^29-29-38	4511^30-30-39	4540^30-30-39
26	93.6	4480^29-29-38	4565^30-30-40	4594^31-31-40	4623^31-31-40
24	93.6	4562^30-30-40	4648^32-32-41	4677^32-32-41	4706^33-33-42
22	93.5	4607^31-31-40	4694^32-32-41	4723^33-33-42	4753^33-33-42
20	93.5	4612^31-31-40	4699^32-32-42	4729^33-33-42	4758^33-33-42
18	93.2	4613^31-31-40	4701^32-32-42	4730^33-33-42	4760^33-33-42
16	93.0	4613^31-31-40	4701^32-32-42	4731^33-33-42	4761^33-33-42
10	92.0	4612^31-31-40	4702^32-32-42	4732^33-33-42	4763^33-33-42
0	90.3	4606^31-31-40	4699^32-32-42	4730^33-33-42	4760^33-33-42
-10	88.7	4592^30-30-40	4688^32-32-41	4720^33-33-42	4751^33-33-42
-20	87.0	4585^30-30-40	4684^32-32-41	4717^33-33-42	4750^33-33-42
-30	85.2	4568^30-30-40	4670^32-32-41	4704D32-32-42	4738^33-33-42

High QNH **+100** per .10" — Engine A/I ON **-4070**
Low QNH **-170** per .10" — Wing A/I ON **-4070**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6033 Length 11181 Shift **0** Clearway 0 Stopway 0 Slope +0.01
Rwy Rev. Program Rules FAA **17 May 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	4079^23	4161^25	4188^25
34	4158^24	4241^26	4268^26
32	4236^25	4319^27	4347^27
30	4316^27	4400^28	4429^29
28	4398^28	4483^29	4511^30
26	4480^29	4565^30	4594^31
24	4562^30	4648^32	4677^32
22	4607^31	4694^32	4723^33
20	4612^31	4699^32	4729^33
18	4613^31	4701^32	4730^33
16	4613^31	4701^32	4731^33
10	4612^31	4702^32	4732^33
0	4606^31	4699^32	4730^33
-10	4592^30	4688^32	4720^33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4070**
Wing A/I ON **-4070**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4073^23	4155^24	4182^25
34	4152^24	4234^26	4262^26
32	4230^25	4314^27	4341^27
30	4310^26	4395^28	4423^29
28	4392^28	4476^29	4504^30
26	4469^29	4554^30	4583^31
24	4530^30	4616^31	4645^32
22	4588^31	4676^32	4705^33
20	4605^31	4693^32	4722^33
18	4606^31	4694^32	4724^33
16	4607^31	4695^32	4725^33
10	4204^25	4292^27	4322^27
0	4536^30	4629^31	4660^32
-10	4527^29	4622^31	4653^32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	4079D22	4161D25	4188D25
34	4158D22	4241D26	4268D26
32	4236D23	4319D27	4347D28
30	4316D23	4400D28	4429D29
28	4397^23	4483D29	4511D30
26	4478^24	4565D31	4594D31
24	4559^24	4648D32	4677D32
22	4604^25	4694D32	4723D33
20	4610^26	4699D32	4729D33
18	4611^26	4701D32	4730D33
16	4612^27	4701D32	4731D33
10	4612D28	4702D32	4732D33
0	4606D31	4699D32	4730D33
-10	4592D31	4688D32	4720D33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4070**
Wing A/I ON **-4070**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4073D22	4155D25	4182D25
34	4152D22	4234D26	4262D26
32	4230D22	4314D27	4341D27
30	4310D23	4395D28	4423D29
28	4391^23	4476D29	4504D30
26	4467^23	4554D30	4583D31
24	4528^24	4616D31	4645D32
22	4585^25	4676D32	4705D33
20	4604^26	4693D32	4722D33
18	4605^26	4694D32	4724D33
16	4606^27	4695D32	4725D33
10	4204D25	4292D27	4322D27
0	4536D30	4629D31	4660D32
-10	4527D30	4622D31	4653D32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4076F 2	4307F10	4386F13
26	4137F 2	4370F11	4450F13
24	4199F 2	4436F11	4517F14
22	4246F 3	4486F12	4567F14
20	4274F 3	4518F12	4600F15
18	4286F 4	4531F13	4614F16
16	4296F 4	4545F13	4628F16
14	4310F 4	4558F13	4642F16
12	4320F 5	4571F14	4656F17
10	4333F 5	4585F14	4670F17
0	4393F 7	4648^16	4686^20
-10	4457F 9	4645^19	4684^22
-20	4523F11	4649^21	4689^25
-30	4521^14	4644^24	4685^28

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-3220**
Wing A/I ON **-3220**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3804F 6	4008F14	4073F16
26	3866F 6	4073F14	4140F17
24	3930F 6	4142F15	4211F17
22	3981F 7	4199F15	4271F18
20	4015F 8	4237F16	4312F19
18	4027F 8	4250F17	4325F19
16	4037F 9	4262F17	4337F20
14	4048F 9	4274F17	4351F20
12	4059F 9	4286F18	4361F20
10	4070F10	4298F18	4375F21
0	4122F11	4356F20	4432F22
-10	4179F13	4416F22	4492F24
-20	4237F15	4476F24	4555F26
-30	4295F17	4536F26	4618F28

High QNH **+120** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1710**
Wing A/I ON **-1710**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 6033 Length 11181 Shift **0** Clearway 0 Stopway 0 Slope +0.01
Rwy Rev. Program Rules FAA **17 May 17**

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MORELIA -MLM 23 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7033'		*RT MLM	7400'	STD

*IF MLM VOR OTS RT H010

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	89.0	3996^21	4116^24	4158^24	3996D21	4116D24	4158D25	4234
34	89.2	4068^22	4190^25	4232^26	4068D21	4190D25	4232D26	4312
32	89.5	4139^24	4264^26	4306^27	4139D21	4264D26	4306D27	4390
30	89.7	4211^25	4338^27	4382^28	4211D22	4338D27	4382D28	4471
28	89.8	4285^26	4413^28	4457^29	4285D22	4413D28	4457D29	4556
26	89.9	4358^27	4489^29	4534^30	4358D23	4489D29	4534D30	4640
24	90.0	4430^28	4562^30	4608^31	4429^23	4562D30	4608D31	4724
22	90.1	4470^28	4604^31	4650^32	4470^23	4604D31	4650D32	4765
20	90.2	4479^28	4613^31	4659^32	4479D24	4613D31	4659D32	4770
18	89.9	4482^29	4617^31	4663^32	4482D24	4617D31	4663D32	4772
16	89.6	4485^29	4620^31	4666^32	4485D25	4620D31	4666D32	4773
10	88.7	4493^29	4628^31	4675^32	4493D26	4628D31	4675D32	4777
0	87.1	4501^29	4639^31	4686^32	4501D28	4639D31	4686D32	4779
-10	85.5	4504^29	4643^31	4691^32	4504D29	4643D31	4691D32	4772
-20	83.9	4510^29	4651^31	4701^32	4510D29	4651D32	4701D32	4773
-30	82.2	4509^29	4653^32	4688^32	4509D29	4653D32	4688D32	4766

High QNH **+100** per .10" Low QNH **-160** per .10"
Engine A/I ON **-3910** Wing A/I ON **-3910**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	93.8	4000^21	4121^24	4161^25	4000D22	4121D24	4161D25	4235
34	93.8	4072^23	4195^25	4237^26	4072D23	4195D25	4237D26	4314
32	93.8	4144^24	4268^26	4311^27	4144D23	4268D26	4311D27	4392
30	93.7	4216^25	4343^27	4386^28	4216D24	4343D27	4386D28	4473
28	93.7	4291^26	4418^28	4462^29	4291D24	4418D28	4462D29	4558
26	93.6	4363^27	4493^29	4538^30	4363D24	4493D29	4538D30	4642
24	93.6	4436^28	4568^30	4613^31	4436D25	4568D30	4613D31	4727
22	93.5	4477^28	4610^31	4655^32	4477D26	4610D31	4655D32	4768
20	93.5	4481^29	4620^31	4666^32	4481D27	4620D31	4666D32	4773
18	93.2	4490^29	4623^31	4670^32	4490D27	4623D31	4670D32	4774
16	93.0	4492^29	4627^31	4673^32	4492D27	4627D31	4673D32	4776
10	92.0	4500^29	4635^31	4682^32	4500D29	4635D31	4682D32	4779
0	90.3	4508^29	4646^31	4692^32	4508D29	4646D31	4692D32	4781
-10	88.7	4510^29	4650^31	4698^32	4510D29	4650D32	4698D32	4773
-20	87.0	4517^29	4658^32	4706^32	4517D29	4658D32	4706D32	4775
-30	85.2	4515^29	4658^32	4704^32	4515D29	4658D32	4704D33	4768

High QNH **+100** per .10" Low QNH **-160** per .10"
Engine A/I ON **-3930** Wing A/I ON **-3930**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
36	93.8	4000^21-21-31	4121^24-24-33	4161^25-25-34	4203^25-25-34
34	93.8	4072^23-23-32	4195^25-25-34	4237^26-26-35	4279^26-26-35
32	93.8	4144^24-24-33	4268^26-26-35	4311^27-27-36	4354^28-28-36
30	93.7	4216^25-25-34	4343^27-27-36	4386^28-28-37	4429^29-29-38
28	93.7	4291^26-26-36	4418^28-28-37	4462^29-29-38	4507^30-30-39
26	93.6	4363^27-27-37	4493^29-29-39	4538^30-30-39	4584^31-31-40
24	93.6	4436^28-28-38	4568^30-30-40	4613^31-31-40	4659^32-32-41
22	93.5	4477^28-28-38	4610^31-31-40	4655^32-32-41	4702^32-32-42
20	93.5	4481^29-29-38	4620^31-31-40	4666^32-32-41	4712^33-33-42
18	93.2	4490^29-29-38	4623^31-31-40	4670^32-32-41	4716^33-33-42
16	93.0	4492^29-29-39	4627^31-31-41	4673^32-32-41	4720^33-33-42
10	92.0	4500^29-29-39	4635^31-31-41	4682^32-32-41	4728^33-33-42
0	90.3	4508^29-29-39	4646^31-31-41	4692^32-32-41	4740^33-33-42
-10	88.7	4510^29-29-39	4650^31-31-41	4698^32-32-42	4746^33-33-42
-20	87.0	4517^29-29-39	4658^32-32-41	4706^32-32-42	4750^33-33-42
-30	85.2	4515^29-29-39	4658^32-32-41	4704^32-32-42	4738^33-33-42

High QNH **+100** per .10" Low QNH **-160** per .10"
Engine A/I ON **-3930** Wing A/I ON **-3930**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6033 Length 11181 Shift **0** Clearway 0 Stopway 0 Slope -0.01
Rwy Rev. Program Rules FAA **17 May 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	3824^18	3954^21	3993^21
34	3894^19	4030^22	4069^23
32	3965^20	4106^23	4145^24
30	4038^21	4183^24	4223^25
28	4113^22	4262^25	4302^26
26	4187^24	4338^26	4382^27
24	4260^25	4414^27	4461^28
22	4298^25	4453^28	4500^29
20	4297^25	4459^28	4506^29
18	4304^25	4461^28	4508^29
16	4307^25	4464^28	4509^29
10	4309^25	4465^28	4508^29
0	4309^25	4459^28	4504^29
-10	4304^25	4447^28	4492^29

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-3970**
Wing A/I ON **-3970**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	3988^21	4109^24	4150^24
34	4061^22	4183^25	4225^25
32	4133^23	4257^26	4299^27
30	4205^25	4331^27	4374^28
28	4279^26	4407^28	4450^29
26	4349^27	4478^29	4522^30
24	4405^27	4536^30	4581^31
22	4455^28	4588^31	4634^31
20	4475^28	4608^31	4653^32
18	4472^28	4611^31	4658^32
16	4480^28	4614^31	4661^32
10	4113^23	4240^26	4283^26
0	4441^28	4577^30	4623^31
-10	4459^28	4596^31	4643^32

High QNH **+110** per .10"
Low QNH **-200** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	3824D18	3954D21	3993D21
34	3894D19	4030D22	4069D23
32	3965D20	4106D23	4145D24
30	4038D22	4183D24	4223D25
28	4113D23	4262D25	4302D26
26	4187D24	4338D26	4382D27
24	4260D25	4414D28	4461D28
22	4298D25	4453D28	4500D29
20	4297D25	4459D28	4506D29
18	4304D25	4461D28	4508D29
16	4307D25	4464D28	4509D29
10	4309D25	4465D28	4508D29
0	4309D25	4459D28	4504D29
-10	4304D25	4447D28	4492D29

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-3970**
Wing A/I ON **-3970**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	3988D21	4109D24	4150D24
34	4061D22	4183D25	4225D26
32	4133D23	4257D26	4299D27
30	4205D23	4331D27	4374D28
28	4279D24	4407D28	4450D29
26	4349D24	4478D29	4522D30
24	4405D25	4536D30	4581D31
22	4455D26	4588D31	4634D31
20	4475D26	4608D31	4653D32
18	4472D27	4611D31	4658D32
16	4480D27	4614D31	4661D32
10	4113D23	4240D26	4283D26
0	4441D28	4577D30	4623D31
-10	4459D28	4596D31	4643D32

High QNH **+110** per .10"
Low QNH **-200** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4078F 1	4309F10	4388F13
26	4139F 2	4372F10	4452F13
24	4201F 2	4438F11	4519F14
22	4247F 3	4488F11	4571F14
20	4276F 3	4520F12	4602F15
18	4288F 4	4533F13	4616F15
16	4300F 4	4546F13	4630F16
14	4312F 4	4560F13	4644F16
12	4323F 5	4573F14	4650^17
10	4335F 5	4587F14	4654^17
0	4395F 7	4617^16	4667^20
-10	4458F 9	4626^19	4676^22
-20	4487^11	4637^21	4689^25
-30	4490^14	4642^24	4685^28

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-3630**
Wing A/I ON **-3630**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3805F 6	4009F14	4074F16
26	3868F 6	4075F14	4142F17
24	3932F 6	4144F15	4213F17
22	3983F 7	4200F15	4273F18
20	4016F 8	4239F16	4314F19
18	4028F 8	4252F16	4329F19
16	4039F 9	4263F17	4338F19
14	4049F 9	4276F17	4353F20
12	4060F 9	4287F18	4363F20
10	4071F10	4301F18	4377F21
0	4123F11	4358F20	4434F22
-10	4180F13	4418F22	4494F24
-20	4238F15	4478F24	4557F26
-30	4296F17	4538F26	4619F28

High QNH **+110** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1730**
Wing A/I ON **-1730**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 6033 Length 11181 Shift **0** Clearway 0 Stopway 0 Slope -0.01
Rwy Rev. Program Rules FAA **17 May 17**

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OAXACA -OAX 01 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
V2		**D6.2 OAX**		**LT OAX**	**6400'**	**STD**

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	88.5	3767^17	3914^20	3964^21	3734F 5	3914D15	3964D18	4256
38	88.8	3840^18	3989^21	4041^22	3787F 6	3989^15	4041D18	4341
36	89.2	3911^19	4063^22	4116^23	3841F 6	4061^15	4116D19	4425
34	89.5	3970F20	4134^23	4184^24	3893F 7	4118^16	4184D19	4503
32	89.9	4021F21	4191^24	4243^25	3943F 7	4175^16	4242^19	4580
30	90.2	4075F21	4251^25	4301^26	3992F 8	4232^17	4298^20	4661
28	90.1	4131F22	4318^26	4365^26	4046F 8	4295^17	4358^20	4750
26	90.0	4186F23	4385^27	4428^27	4099F 8	4358^18	4418^21	4838
24	89.9	4221F23	4421^27	4465^28	4133F 9	4395^18	4455^21	4879
22	89.8	4234F24	4431^27	4477^28	4146F 9	4405^19	4468^22	4884
20	89.7	4247F24	4441^27	4489^28	4160F10	4416^19	4482^22	4886
18	89.4	4259F24	4449^28	4499^28	4172F10	4426^19	4493^22	4888
10	88.2	4303F25	4483^28	4538^29	4221F11	4466^21	4538D24	4893
0	86.6	4315^25	4486^28	4545^29	4279F13	4486D23	4545D26	4888
-10	85.0	4316^25	4489^28	4548^29	4312^15	4489D25	4548D29	4888
-20	83.4	4315^25	4490^28	4551^29	4314^18	4490D28	4551D29	4887

High QNH **+40** per .10" Engine A/I ON **-2630**
Low QNH **-160** per .10" Wing A/I ON **-2630**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	93.7	3773^17	3920^20	3970^21	3768^ 7	3920D16	3970D19	4258
38	93.7	3846^18	3995^21	4047^22	3840^ 7	3995D17	4047D20	4342
36	93.7	3918^19	4069^22	4122^23	3900F 7	4069D17	4122D20	4426
34	93.8	3987^20	4140^23	4193^24	3952F 8	4140^18	4193D21	4505
32	93.8	4055^21	4211^24	4264^25	4002F 8	4209^18	4264D21	4583
30	93.8	4127^22	4285^25	4339^26	4052F 9	4280^18	4339^21	4664
28	93.8	4203^23	4363^26	4418^27	4106F 9	4340^19	4414^22	4752
26	93.8	4277F25	4434^27	4488^28	4161F10	4402^19	4476^22	4840
24	93.6	4316^25	4480^28	4534^29	4204F10	4445^20	4520^23	4881
22	93.3	4321^25	4486^28	4542^29	4235F11	4474^21	4541^24	4886
20	93.0	4322^25	4488^28	4544^29	4248F11	4485^21	4544D24	4888
18	92.7	4324^25	4490^28	4547^29	4259F12	4487^21	4547^25	4890
10	91.4	4329^25	4497^28	4555^29	4312F13	4496^23	4555D26	4896
0	89.8	4325^25	4495^28	4554^29	4319^15	4495D26	4554D29	4890
-10	88.1	4325^25	4498^28	4557^29	4323^18	4498D28	4557D30	4891
-20	86.4	4325^25	4499^28	4560^29	4325D20	4499D29	4560D30	4890

High QNH **+90** per .10" Engine A/I ON **-2700**
Low QNH **-160** per .10" Wing A/I ON **-2700**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	93.7	3773^17-17-27	3920^20-20-30	3970^21-21-31	4021^22-22-31
38	93.7	3846^18-18-29	3995^21-21-31	4047^22-22-32	4099^23-23-33
36	93.7	3918^19-19-30	4069^22-22-32	4122^23-23-33	4175^24-24-34
34	93.8	3987^20-20-31	4140^23-23-33	4193^24-24-34	4247^25-25-35
32	93.8	4055^21-21-32	4211^24-24-34	4264^25-25-35	4318^26-26-36
30	93.8	4127^22-22-33	4285^25-25-35	4339^26-26-36	4395^27-27-37
28	93.8	4203^23-23-34	4363^26-26-37	4418^27-27-37	4474^28-28-38
26	93.8	4277F25-25-35	4434^27-27-38	4488^28-28-38	4542^29-29-39
24	93.6	4316^25-25-36	4480^28-28-38	4534^29-29-39	4589^30-30-40
22	93.3	4321^25-25-36	4486^28-28-38	4542^29-29-39	4600^30-30-40
20	93.0	4322^25-25-36	4488^28-28-38	4544^29-29-39	4602^30-30-40
18	92.7	4324^25-25-36	4490^28-28-38	4547^29-29-39	4605^30-30-40
10	91.4	4329^25-25-36	4497^28-28-39	4555^29-29-39	4613^30-30-40
0	89.8	4325^25-25-36	4495^28-28-39	4554^29-29-39	4614^30-30-40
-10	88.1	4325^25-25-36	4498^28-28-39	4557^29-29-39	4618^31-31-40
-20	86.4	4325^25-25-36	4499^28-28-39	4560^29-29-40	4622^31-31-40

High QNH **+90** per .10" Engine A/I ON **-2700**
Low QNH **-160** per .10" Wing A/I ON **-2700**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 4989 Length 8038 Shift **0** Clearway 0 Stopway 0 Slope +0.29
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
40	3773^17	3920^20	3970^21	3768^17	3914^20	3964^21			
38	3846^18	3995^21	4047^22	3841^18	3989^21	4041^22			
36	3918^19	4069^22	4122^23	3912^19	4064^22	4116^23			
34	3987^20	4140^23	4193^24	3981^20	4135^23	4187^24			
32	4055^21	4211^24	4264^25	4049^21	4205^24	4259^25			
30	4127^22	4285^25	4339^26	4121^22	4280^25	4334^26			
28	4203^23	4363^26	4418^27	4197^23	4358^26	4412^27			
26	4277F25	4434^27	4488^28	4262^24	4425^27	4478^28			
24	4316^25	4480^28	4534^29	4291^25	4454^28	4511^29			
22	4321^25	4486^28	4542^29	4311^25	4476^28	4532^29			
20	4322^25	4488^28	4544^29	4317^25	4483^28	4539^29			
18	4324^25	4490^28	4547^29	4319^25	4485^28	4542^29			
10	4329^25	4497^28	4555^29	4064^21	4225^24	4280^25			
0	4325^25	4495^28	4554^29	4268^25	4437^28	4495^29			
	High QNH +90 per .10" Low QNH -160 per .10"			High QNH +90 per .10" Low QNH -180 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -2700 Wing A/I ON -2700			Engine A/I ON -60 Wing A/I ON -60			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
40	3768^ 7	3920D16	3970D19	3762^ 6	3914D16	3964D19			
38	3840^ 7	3995D17	4047D20	3834^ 7	3989D17	4041D20			
36	3900F 7	4069D17	4122D20	3892F 7	4064D17	4116D20			
34	3952F 8	4140^18	4193D21	3944F 8	4134^17	4187D21			
32	4002F 8	4209^18	4264D21	3993F 8	4203^18	4259D21			
30	4052F 9	4280^18	4339^21	4043F 9	4271^18	4334^21			
28	4106F 9	4340^19	4414^22	4098F 9	4332^19	4405^22			
26	4161F10	4402^19	4476^22	4152F 9	4395^19	4467^22			
24	4204F10	4445^20	4520^23	4192F10	4435^20	4509^23			
22	4235F11	4474^21	4541^24	4216F11	4456^20	4531^23			
20	4248F11	4485^21	4544D24	4240F11	4478^21	4539D24			
18	4259F12	4487^21	4547^25	4251F11	4482^21	4542^25			
10	4312F13	4496^23	4555D26	4062^14	4225D24	4280D26			
0	4319^15	4495D26	4554D29	4263^15	4437D26	4495D29			
	High QNH +90 per .10" Low QNH -160 per .10"			High QNH +90 per .10" Low QNH -180 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -2690 Wing A/I ON -2690			Engine A/I ON -60 Wing A/I ON -60			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		3817F98	3895F 1	3131F94	3383F 3	3504F 5			
26		3871F98	3952F 1	3193F95	3445F 3	3564F 6			
24		3912F99	3994F 2	3237F95	3497F 4	3616F 6			
22		3938F99	4018F 2	3271F96	3538F 4	3654F 7			
20		3949F 0	4030F 3	3282F96	3552F 5	3680F 7			
18		3961F 0	4042F 3	3293F96	3562F 5	3693F 7			
16		3971F 0	4053F 4	3303F97	3577F 5	3729F 8			
14		3983F 1	4065F 4	3313F97	3595F 6	3755F 8			
12		3993F 1	4077F 4	3324F97	3607F 6	3778F 8			
10		4007F 2	4090F 5	3334F97	3623F 6	3801F 8			
0	2726F99	4058F 3	4145F 7	3382F99	3722F 7	3911F 9			
-10	2950F 0	4120F 5	4210F 9	3438F 1	3844F 9	4007^11			
-20	3612F99	4183F 7	4278F11	3497F 2	3954^10	4001^11			
-30	3982F 0	4250F10	4348F13	3562F 4	3943^10	3995^10			
	High QNH +90 per .10" Low QNH -140 per .10"			High QNH +80 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -1410 Wing A/I ON -1410			Engine A/I ON -360 Wing A/I ON -360			Engine A/I ON Wing A/I ON		

Elevation 4989 Length 8038 Shift **0** Clearway 0 Stopway 0 Slope +0.29

Rwy Rev. Program Rules FAA **26 Oct 17**

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OAXACA -OAX 19 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D11.0 OAX		***LT H340**	**5989'**	

*INTERCEPT OAX R-194 (014 INBND) HOLD AT OAX VOR LEFT TURNS

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	88.5	3831^18	3970^21	4013^22	3776^ 5	3964^14	4013D17	4256
38	88.8	3893^19	4035^22	4079^23	3834^ 5	4026^15	4079D18	4341
36	89.2	3954^20	4100^23	4145^24	3893F 6	4086^15	4145D18	4425
34	89.5	4013^21	4162^24	4208^24	3946F 6	4145^16	4208D19	4503
32	89.9	4069^22	4221^24	4268^25	3996F 6	4201^16	4265^19	4580
30	90.2	4125^22	4280^25	4329^26	4046F 7	4258^17	4323^20	4661
28	90.1	4186^23	4345^26	4395^27	4100F 7	4319^17	4386^20	4750
26	90.0	4247^24	4409^27	4461^28	4154F 8	4379^17	4449^21	4838
24	89.9	4283^24	4446^27	4498^28	4188F 8	4416^18	4486^21	4879
22	89.8	4294^25	4457^28	4509^29	4202F 9	4428^18	4497^21	4884
20	89.7	4305^25	4468^28	4520^29	4216F 9	4441^19	4510^22	4886
18	89.4	4314^25	4477^28	4529^29	4228F 9	4451^19	4521^22	4888
10	88.2	4351^26	4513^29	4565^30	4277F11	4496^21	4565^24	4893
0	86.6	4391^26	4551^29	4602^30	4327^13	4544^23	4602D26	4888
-10	85.0	4436^27	4595^30	4653^31	4383^15	4595D25	4653D28	4888
-20	83.4	4481^28	4643^31	4707^32	4438^17	4643D27	4707D30	4887

High QNH **+40** per .10" Engine A/I ON **-1690**
Low QNH **-150** per .10" Wing A/I ON **-1690**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	93.7	3885^19	4016^22	4068^23	3820^ 6	4008^16	4068D19	4258
38	93.7	3948^20	4083^23	4132^24	3878^ 6	4070^16	4132D19	4342
36	93.7	4011^21	4149^24	4196^24	3936^ 7	4132^16	4196D20	4426
34	93.8	4071^22	4212^24	4257^25	3991^ 7	4191^17	4257D20	4505
32	93.8	4128^23	4272^25	4317^26	4044^ 8	4249^17	4314^21	4583
30	93.8	4185^23	4332^26	4378^27	4097^ 8	4305^18	4371^21	4664
28	93.8	4248^24	4400^27	4447^28	4156^ 8	4368^18	4436^22	4752
26	93.8	4311^25	4466^28	4515^29	4214F 9	4430^19	4499^22	4840
24	93.6	4357^26	4512^29	4561^30	4257F 9	4474^19	4543^23	4881
22	93.3	4386^26	4538^29	4585^30	4282^10	4501^20	4571^23	4886
20	93.0	4394^27	4547^29	4594^30	4292^10	4512^21	4581^24	4888
18	92.7	4404^27	4556^29	4603^30	4304^11	4523^21	4593^24	4890
10	91.4	4441^27	4592^30	4645^31	4348^12	4568^23	4645D26	4896
0	89.8	4478^28	4631^31	4692^32	4399^14	4621^25	4692D28	4890
-10	88.1	4523^29	4684^32	4745^33	4456^16	4684D27	4745D30	4891
-20	86.4	4566^30	4735^33	4796^34	4514^19	4735D29	4796D32	4890

High QNH **+90** per .10" Engine A/I ON **-1640**
Low QNH **-160** per .10" Wing A/I ON **-1640**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	93.7	3885^19-19-29	4016^22-22-31	4068^23-23-32	4122^24-24-33
38	93.7	3948^20-20-30	4083^23-23-32	4132^24-24-33	4188^25-25-34
36	93.7	4011^21-21-31	4149^24-24-33	4196^24-24-34	4253^26-26-35
34	93.8	4071^22-22-32	4212^24-24-34	4257^25-25-35	4315^26-26-36
32	93.8	4128^23-23-33	4272^25-25-35	4317^26-26-36	4374^27-27-37
30	93.8	4185^23-23-34	4332^26-26-36	4378^27-27-37	4433^28-28-38
28	93.8	4248^24-24-35	4400^27-27-37	4447^28-28-38	4498^29-29-39
26	93.8	4311^25-25-36	4466^28-28-38	4515^29-29-39	4562^30-30-40
24	93.6	4357^26-26-36	4512^29-29-39	4561^30-30-40	4610^30-30-40
22	93.3	4386^26-26-37	4538^29-29-39	4585^30-30-40	4642^31-31-41
20	93.0	4394^27-27-37	4547^29-29-39	4594^30-30-40	4653^31-31-41
18	92.7	4404^27-27-37	4556^29-29-39	4603^30-30-40	4663^31-31-41
10	91.4	4441^27-27-38	4592^30-30-40	4645^31-31-41	4709^32-32-42
0	89.8	4478^28-28-38	4631^31-31-41	4692^32-32-41	4753^33-33-42
-10	88.1	4523^29-29-39	4684^32-32-41	4745^33-33-42	4807^34-34-43
-20	86.4	4566^30-30-40	4735^33-33-42	4796^34-34-43	4858^35-35-44

High QNH **+90** per .10" Engine A/I ON **-1640**
Low QNH **-160** per .10" Wing A/I ON **-1640**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 4989 Length 8038 Shift **0** Clearway 0 Stopway 0 Slope -0.29
Rwy Rev. Program Rules FAA **20 Jul 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	3885^19	4016^22	4068^23
38	3948^20	4083^23	4132^24
36	4011^21	4149^24	4196^24
34	4071^22	4212^24	4257^25
32	4128^23	4272^25	4317^26
30	4185^23	4332^26	4378^27
28	4248^24	4400^27	4447^28
26	4311^25	4466^28	4515^29
24	4357^26	4512^29	4561^30
22	4386^26	4538^29	4585^30
20	4394^27	4547^29	4594^30
18	4404^27	4556^29	4603^30
10	4441^27	4592^30	4645^31
0	4478^28	4631^31	4692^32

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1640**
Wing A/I ON **-1640**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	3876^19	4007^22	4059^23
38	3939^20	4073^23	4123^23
36	4001^21	4140^23	4186^24
34	4061^22	4203^24	4247^25
32	4118^22	4263^25	4308^26
30	4175^23	4323^26	4369^27
28	4238^24	4390^27	4437^28
26	4301^25	4456^28	4506^29
24	4343^26	4499^28	4548^29
22	4364^26	4519^29	4567^30
20	4386^26	4538^29	4586^30
18	4395^27	4548^29	4595^30
10	4273^25	4426^28	4481^29
0	4421^27	4575^30	4635^31

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	3820^ 6	4008^16	4068D19
38	3878^ 6	4070^16	4132D19
36	3936^ 7	4132^16	4196D20
34	3991^ 7	4191^17	4257D20
32	4044^ 8	4249^17	4314^21
30	4097^ 8	4305^18	4371^21
28	4156^ 8	4368^18	4436^22
26	4214F 9	4430^19	4499^22
24	4257F 9	4474^19	4543^23
22	4282^10	4501^20	4571^23
20	4292^10	4512^21	4581^24
18	4304^11	4523^21	4593^24
10	4348^12	4568^23	4645D26
0	4399^14	4621^25	4692D28

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1430**
Wing A/I ON **-1430**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	3812^ 6	4000^15	4059D18
38	3870^ 6	4062^16	4123D19
36	3928^ 7	4124^16	4186D19
34	3984^ 7	4184^17	4247D20
32	4037^ 7	4240^17	4304^20
30	4089^ 8	4297^18	4363^21
28	4150F 8	4359^18	4427^21
26	4206F 9	4423^19	4490^22
24	4245F 9	4463^19	4532^22
22	4265^10	4484^20	4553^23
20	4285^10	4504^20	4574^24
18	4297^11	4516^21	4585^24
10	4201^13	4423^23	4481D26
0	4349^14	4572^25	4635D28

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-10**
Wing A/I ON **-10**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		3854F96	3939F99
26		3911F97	3996F 0
24		3952F97	4039F 0
22		3976F98	4064F 1
20		3989F98	4077F 1
18		4001F98	4090F 1
16		4013F99	4101F 2
14		4024F99	4113F 2
12		4039F99	4126F 3
10		4050F 0	4137F 3
0		4107F 2	4194F 5
-10		4169F 4	4258F 7
-20	2946F 0	4234F 6	4328F 9
-30	3719F99	4300F 8	4387^11

High QNH **+90** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-1420**
Wing A/I ON **-1420**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3164F93	3427F 2	3553F 4
26	3223F93	3491F 2	3618F 4
24	3269F94	3543F 2	3675F 5
22	3302F94	3584F 3	3722F 5
20	3313F94	3599F 3	3744F 6
18	3324F95	3614F 4	3761F 6
16	3335F95	3630F 4	3778F 6
14	3345F95	3646F 4	3795F 7
12	3357F96	3662F 4	3812F 7
10	3367F96	3681F 5	3829F 7
0	3415F98	3769F 6	3908F 9
-10	3475F99	3855F 8	3994F10
-20	3538F 1	3945F 9	4095F12
-30	3608F 3	4037F11	4163^13

High QNH **+100** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1140**
Wing A/I ON **-1140**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 4989 Length 8038 Shift **0** Clearway 0 Stopway 0 Slope -0.29
Rwy Rev. Program Rules FAA **20 Jul 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1164'		**LT H080**	**1164'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4277F25	4447^28	4487^29
46	87.7	4353F26	4539^29	4582^30
44	87.7	4403F27	4596^30	4641^31
42	87.5	4426F27	4621^30	4666^31
40	87.3	4446F27	4640^31	4687^32
38	87.0	4456F27	4648^31	4694^32
36	86.7	4467F28	4656^31	4701^32
34	86.4	4478F28	4664^31	4708^32
32	86.1	4489F28	4672^31	4716^32
30	85.9	4498F28	4680^31	4724^32
20	84.5	4554F29	4721^32	4761^33
10	83.0	4610F30	4754^33	4791^33
0	81.5	4653^31	4795^33	4829^34
-10	80.0	4695^32	4829^34	4860^34
-20	78.4	4735^32	4858^34	4901^35
-30	76.9	4743^32	4872^35	4916^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4217F14	4447D24	4487D27	4697
4288F15	4537^24	4582D27	4815
4335F15	4591^25	4641D28	4884
4359F15	4617^25	4666D28	4944
4379F16	4637^25	4687D29	4959
4391F16	4647^26	4694D29	4960
4403F16	4656^26	4701D29	4962
4415F17	4664D26	4708D30	4964
4428F17	4672D27	4716D30	4966
4441F17	4680D27	4724D30	4968
4505F19	4721D29	4761D32	4976
4566F21	4754D31	4791D34	4972
4630^23	4795D33	4829D35	4984
4684^25	4829D35	4860D35	4987
4735D27	4858D35	4901D36	4985
4743D29	4872D35	4916D35	4981

High QNH **+0** per .10" — Engine A/I ON **-710**
Low QNH **-160** per .10" — Wing A/I ON **-710**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4360^27	4493^29	4526^30
46	90.9	4451F28	4590^30	4625^31
44	90.8	4527F29	4678^31	4716^32
42	90.6	4598F30	4759^32	4801^33
40	90.4	4644F30	4829^33	4873^34
38	90.1	4686F31	4890^34	4938^35
36	89.8	4724F31	4947^35	4999^36
34	89.6	4751F31	4983^35	5037^36
32	89.3	4764F31	4996^35	5050^36
30	89.0	4776F32	5006^35	5059^36
20	87.5	4838F33	5052^36	5071A37
10	86.0	4897F34	5071A37	5071A37
0	84.4	4961F35	5071A37	5071A37
-10	82.9	5024F36	5071A36	5071A36
-20	81.3	5064^36	5071A36	5071A36
-30	79.7	5071A37	5071A37	5071A37

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4290F16	4493D25	4526D29	4699
4364F16	4589^26	4625D29	4817
4433F17	4673^26	4716D30	4923
4497F17	4749^27	4801D30	5026
4545F17	4813^27	4873D30	5071
4589F18	4870^27	4938D31	5071
4631F18	4923^27	4997^31	5071
4659F18	4958^28	5033^31	5071
4674F18	4973^28	5048^31	5071
4688F19	4985^28	5059^32	5071
4756F20	5042^30	5071A34	5071
4823F22	5071A32	5071A36	5071
4899F24	5071A35	5071A37	5071
4972F26	5071A36	5071A36	5071
5036^28	5071A36	5071A36	5071
5071A31	5071A37	5071A37	5071

High QNH **+0** per .10" — Engine A/I ON **-400**
Low QNH **-170** per .10" — Wing A/I ON **-400**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4360^27-27-36	4493^29-29-38	4526^30-30-39	4554^30-30-39
46	90.9	4451F28-28-38	4590^30-30-40	4625^31-31-40	4655^31-31-41
44	90.8	4527F29-29-39	4678^31-31-41	4716^32-32-42	4749^33-33-42
42	90.6	4598F30-30-40	4759^32-32-42	4801^33-33-43	4835^34-34-43
40	90.4	4644F30-30-41	4829^33-33-43	4873^34-34-44	4911^35-35-44
38	90.1	4686F31-31-41	4890^34-34-44	4938^35-35-45	4980^36-36-45
36	89.8	4724F31-31-42	4947^35-35-45	4999^36-36-46	5045^36-36-46
34	89.6	4751F31-31-42	4983^35-35-46	5037^36-36-46	5071A37-37-47
32	89.3	4764F31-31-42	4996^35-35-46	5050^36-36-47	5071A37-37-47
30	89.0	4776F32-32-43	5006^35-35-46	5059^36-36-47	5071A37-37-47
20	87.5	4838F33-33-43	5052^36-36-47	5071A37-37-47	5071A37-37-47
10	86.0	4897F34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.4	4961F35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	82.9	5024F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.3	5064^36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" — Engine A/I ON **-400**
Low QNH **-170** per .10" — Wing A/I ON **-400**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 164 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.48
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4360^27	4493^29	4526^30	4351^26	4485^29	4518^29			
46	4451F28	4590^30	4625^31	4439F28	4580^30	4617^31			
44	4527F29	4678^31	4716^32	4510F28	4666^31	4705^32			
42	4598F30	4759^32	4801^33	4571F29	4743^32	4785^33			
40	4644F30	4829^33	4873^34	4631F30	4819^33	4864^34			
38	4686F31	4890^34	4938^35	4671F30	4878^34	4928^35			
36	4724F31	4947^35	4999^36	4710F31	4937^35	4990^35			
34	4751F31	4983^35	5037^36	4737F31	4970^35	5024^36			
32	4764F31	4996^35	5050^36	4750F31	4983^35	5037^36			
30	4776F32	5006^35	5059^36	4764F31	4996^35	5050^36			
20	4838F33	5052^36	5071A37	4825F32	5043^36	5071A37			
10	4897F34	5071A37	5071A37	4859F33	5044^36	5071A37			
0	4961F35	5071A37	5071A37	4915F34	5071A37	5071A37			
-10	5024F36	5071A36	5071A36	4960^35	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -400 Wing A/I ON -400			Engine A/I ON -130 Wing A/I ON -130			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4290F16	4493D25	4526D29	4281F15	4485D25	4518D29			
46	4364F16	4589^26	4625D29	4355F16	4580D26	4617D29			
44	4433F17	4673^26	4716D30	4420F16	4662^26	4705D30			
42	4497F17	4749^27	4801D30	4477F17	4733^27	4785D30			
40	4545F17	4813^27	4873D30	4535F17	4803^27	4864D30			
38	4589F18	4870^27	4938D31	4578F17	4859^27	4928D30			
36	4631F18	4923^27	4997^31	4621F18	4914^27	4987^30			
34	4659F18	4958^28	5033^31	4648F18	4947^27	5022^31			
32	4674F18	4973^28	5048^31	4663F18	4961^28	5036^31			
30	4688F19	4985^28	5059^32	4678F19	4976^28	5050^31			
20	4756F20	5042^30	5071A34	4747F20	5034^30	5071A34			
10	4823F22	5071A32	5071A36	4789F22	5044D32	5071A36			
0	4899F24	5071A35	5071A37	4857F24	5071A34	5071A37			
-10	4972F26	5071A36	5071A36	4928F26	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -400 Wing A/I ON -400			Engine A/I ON -130 Wing A/I ON -130			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3016F 3	4407F 7	4498F11	3686F 2	4092F10	4244F12			
26	3140F 2	4419F 8	4511F11	3698F 2	4118F10	4261F13			
24	3250F 2	4431F 8	4523F11	3708F 2	4141F10	4275F13			
22	3367F 2	4443F 8	4536F12	3720F 3	4158F11	4290F13			
20	3474F 2	4453F 9	4549F12	3734F 3	4172F11	4307F14			
18	3595F 2	4466F 9	4561F12	3745F 3	4187F11	4320F14			
16	3714F 2	4478F10	4574F13	3754F 4	4203F12	4336F14			
14	3816F 2	4490F10	4586F13	3769F 4	4218F12	4350F15			
12	3930F 2	4501F10	4598F14	3782F 4	4234F12	4370F15			
10	4065F 1	4513F11	4610F14	3793F 5	4248F12	4392F15			
0	4305F 3	4581F13	4681F16	3869F 6	4332F14	4449^16			
-10	4362F 5	4649F15	4753F18	3944F 8	4426F16	4473^16			
-20	4422F 7	4718F17	4827F20	4041F 9	4456^16	4501^17			
-30	4482F 9	4791F19	4903F23	4160F11	4474^16	4527^17			
	High QNH +90 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -140 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -450 Wing A/I ON -450			Engine A/I ON -1230 Wing A/I ON -1230			Engine A/I ON Wing A/I ON		

Elevation 164 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.48

Rwy Rev. Program Rules FAA **26 Oct 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1164'		**DT H284**	**1164'**	

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	4401F27	4616^31	4650^32	4313F13	4604^23	4649^26	4697
46	87.7	4476F28	4726^33	4763^33	4386F14	4690F23	4760^26	4815
44	87.7	4527F29	4784^33	4845^34	4434F14	4741F24	4824^27	4884
42	87.5	4551F29	4811^34	4873^35	4458F14	4767F24	4852^27	4944
40	87.3	4571F30	4832^34	4894^35	4479F15	4789F24	4874^28	4959
38	87.0	4583F30	4841^34	4903^35	4491F15	4803F25	4885^28	4960
36	86.7	4594F30	4850^34	4912^35	4503F16	4817F25	4896^28	4962
34	86.4	4606F30	4859^34	4921^36	4516F16	4827^25	4907^29	4964
32	86.1	4617F30	4868^35	4931^36	4529F16	4838^26	4919^29	4966
30	85.9	4629F31	4878^35	4939^36	4542F17	4850^26	4930^29	4968
20	84.5	4691F32	4908^35	4945^36	4607F18	4905^28	4945D32	4976
10	83.0	4753F33	4900^35	4938^36	4675F20	4900D30	4938D34	4972
0	81.5	4787^33	4905^35	4943^36	4749F22	4905D33	4943D36	4984
-10	80.0	4781^33	4901^35	4942^36	4777^24	4901D35	4942D36	4987
-20	78.4	4769^33	4893^35	4936^36	4768^27	4893D35	4936D36	4985
-30	76.9	4755^33	4884^35	4927^36	4755D29	4884D35	4927D36	4981

High QNH **+0** per .10" — Low QNH **-160** per .10"

Engine A/I ON **-850** — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	4501F29	4628^31	4661^32	4383F14	4626^24	4661D28	4699
46	90.9	4582F30	4742^33	4775^33	4458F15	4737^25	4774^28	4817
44	90.8	4659F31	4848^34	4882^35	4528F16	4832^25	4879^29	4923
42	90.6	4731F32	4954^36	4987^36	4591F16	4909^26	4984^29	5026
40	90.4	4777F32	5030^37	5071A37	4642F16	4968F26	5055^29	5071
38	90.1	4819F33	5071A37	5071A37	4689F16	5014F26	5071A30	5071
36	89.8	4857F33	5071A37	5071A37	4733F17	5057F26	5071A30	5071
34	89.6	4882F33	5071A37	5071A37	4764F17	5071A27	5071A31	5071
32	89.3	4897F34	5071A37	5071A37	4780F17	5071A27	5071A31	5071
30	89.0	4910F34	5071A37	5071A37	4793F18	5071A28	5071A31	5071
20	87.5	4975F35	5071A37	5071A37	4863F19	5071A30	5071A34	5071
10	86.0	5039F36	5071A37	5071A37	4932F21	5071A32	5071A36	5071
0	84.4	5071A37	5071A37	5071A37	5009F23	5071A35	5071A37	5071
-10	82.9	5071A36	5071A36	5071A36	5071A25	5071A36	5071A36	5071
-20	81.3	5071A36	5071A36	5071A36	5071A28	5071A36	5071A36	5071
-30	79.7	5071A37	5071A37	5071A37	5071A30	5071A37	5071A37	5071

High QNH **+0** per .10" — Low QNH **-180** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4501F29-29-39	4628^31-31-40	4661^32-32-41	4693^32-32-41
46	90.9	4582F30-30-40	4742^33-33-42	4775^33-33-43	4808^34-34-43
44	90.8	4659F31-31-41	4848^34-34-44	4882^35-35-44	4915^35-35-45
42	90.6	4731F32-32-42	4954^36-36-45	4987^36-36-46	5021^37-37-46
40	90.4	4777F32-32-43	5030^37-37-46	5071A37-37-47	5071A37-37-47
38	90.1	4819F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.8	4857F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.6	4882F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.3	4897F34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	89.0	4910F34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.5	4975F35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	86.0	5039F36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	82.9	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" — Low QNH **-180** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	164	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.48
Rwy Rev.		Program						Rules	FAA		**02 Jul 20**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4501F29	4628^31	4661^32
46	4582F30	4742^33	4775^33
44	4659F31	4848^34	4882^35
42	4731F32	4954^36	4987^36
40	4777F32	5030^37	5071A37
38	4819F33	5071A37	5071A37
36	4857F33	5071A37	5071A37
34	4882F33	5071A37	5071A37
32	4897F34	5071A37	5071A37
30	4910F34	5071A37	5071A37
20	4975F35	5071A37	5071A37
10	5039F36	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A36	5071A36	5071A36

High QNH	**+0**	per .10"
Low QNH	**-180**	per .10"

Engine A/I ON	**+0**
Wing A/I ON	**+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4489F29	4621^31	4653^32
46	4570F30	4734^33	4767^33
44	4641F31	4840^34	4873^35
42	4702F31	4944^36	4978^36
40	4763F32	5019^37	5071A37
38	4803F33	5071A37	5071A37
36	4843F33	5071A37	5071A37
34	4870F33	5071A37	5071A37
32	4882F33	5071A37	5071A37
30	4897F34	5071A37	5071A37
20	4962F35	5071A37	5071A37
10	5001F36	5071A37	5071A37
0	5066F37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH	**+0**	per .10"
Low QNH	**-170**	per .10"

Engine A/I ON	**+0**
Wing A/I ON	**+0**

OAT °C	Flaps -10T	Flaps +0	Flaps +10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH		per .10"
Low QNH		per .10"

Engine A/I ON	
Wing A/I ON	

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4383F14	4626^24	4661D28
46	4458F15	4737^25	4774^28
44	4528F16	4832^25	4879^29
42	4591F16	4909^26	4984^29
40	4642F16	4968F26	5055^29
38	4689F16	5014F26	5071A30
36	4733F17	5057F26	5071A30
34	4764F17	5071A27	5071A31
32	4780F17	5071A27	5071A31
30	4793F18	5071A28	5071A31
20	4863F19	5071A30	5071A34
10	4932F21	5071A32	5071A36
0	5009F23	5071A35	5071A37
-10	5071A25	5071A36	5071A36

High QNH	**+0**	per .10"
Low QNH	**-170**	per .10"

Engine A/I ON	**+0**
Wing A/I ON	**+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4375F14	4618^24	4653D28
46	4449F15	4730^25	4766^28
44	4515F15	4820^25	4871^28
42	4574F16	4891^25	4974^29
40	4632F16	4957F26	5045^29
38	4677F16	5001F26	5071A29
36	4723F17	5046F26	5071A30
34	4753F17	5071A27	5071A30
32	4769F17	5071A27	5071A31
30	4784F18	5071A27	5071A31
20	4854F19	5071A30	5071A34
10	4897F21	5071A32	5071A36
0	4967F23	5071A34	5071A37
-10	5044F25	5071A37	5071A37

High QNH	**+0**	per .10"
Low QNH	**-170**	per .10"

Engine A/I ON	**+0**
Wing A/I ON	**+0**

OAT °C	Flaps -10T	Flaps +0	Flaps +10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH		per .10"
Low QNH		per .10"

Engine A/I ON	
Wing A/I ON	

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28		4499F 4	4595F 8
26		4513F 5	4608F 8
24		4527F 5	4621F 8
22		4540F 6	4634F 9
20		4552F 6	4647F 9
18		4565F 6	4659F10
16		4576F 7	4672F10
14		4588F 7	4684F10
12	2657F 4	4600F 7	4697F11
10	2835F 3	4611F 8	4708F11
0	3673F 2	4682F10	4782F13
-10	3909F 4	4749F12	4856F15
-20	4525^ 3	4822F14	4928F18
-30	4587^ 6	4895F17	5008F20

High QNH	**+90**	per .10"
Low QNH	**-100**	per .10"

Engine A/I ON	**-450**
Wing A/I ON	**-450**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	Flaps 22 +0	Flaps 22 +10H
28	3777F99	4208F 8	4341F10
26	3787F 0	4224F 8	4357F11
24	3803F 0	4240F 8	4373F11
22	3813F 0	4255F 9	4388F11
20	3830F 1	4270F 9	4404F12
18	3843F 1	4285F 9	4419F12
16	3856F 1	4300F10	4433F12
14	3869F 1	4313F10	4448F13
12	3886F 2	4331F10	4465F13
10	3904F 2	4346F11	4480F13
0	3991F 4	4430F12	4553^15
-10	4090F 5	4499^14	4590^17
-20	4185F 7	4528^16	4601^18
-30	4261F 8	4539^17	4590^18

High QNH	**+80**	per .10"
Low QNH	**-120**	per .10"

Engine A/I ON	**-560**
Wing A/I ON	**-560**

OAT °C	Flaps -10T	Flaps +0	Flaps +10H
28			
26			
24			
22			
20			
18			
16			
14			
12			
10			
0			
-10			
-20			
-30			

High QNH		per .10"
Low QNH		per .10"

Engine A/I ON	
Wing A/I ON	

Elevation	164	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.48
Rwy Rev.		Program						Rules	FAA		**02 Jul 20**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		8361'		**DT H174**	**8361'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
34	89.1	3917^21	3995^22	4022^23	3917D20	3995D22	4022D23	4072
32	89.4	3994^22	4073^23	4100^24	3994D21	4073D23	4100D24	4151
30	89.7	4074^23	4154^24	4181^25	4074D21	4154D25	4181D25	4231
28	89.9	4154^24	4236^26	4262^26	4154D22	4236D26	4262D26	4313
26	90.1	4235^25	4317^27	4344^27	4235D22	4317D27	4344D27	4396
24	90.4	4316^27	4399^28	4427^29	4316D22	4399D28	4427D29	4477
22	90.6	4397^28	4480^29	4508^30	4396^23	4480D29	4508D30	4559
20	90.9	4437^28	4521^30	4549^30	4437^23	4521D30	4549D30	4605
18	90.6	4453^29	4538^30	4566^31	4453D24	4538D30	4566D31	4615
16	90.3	4459^29	4544^30	4573^31	4459D24	4544D30	4573D31	4626
14	90.0	4459^29	4545^30	4574^31	4459D24	4545D30	4574D31	4628
10	89.4	4459^29	4546^30	4575^31	4459D25	4546D30	4575D31	4630
0	87.8	4456^29	4546^30	4576^31	4456D28	4546D30	4576D31	4634
-10	86.2	4440^28	4532^30	4563^30	4440D28	4532D30	4563D31	4623
-20	84.5	4433^28	4528^30	4560^30	4433D28	4528D30	4560D31	4625
-30	82.8	4418^28	4517^30	4550^30	4418D28	4517D30	4550D30	4618

High QNH **+90** per .10" Engine A/I ON **-5600**
Low QNH **-170** per .10" Wing A/I ON **-5600**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
34	94.3	3926^21	4004^22	4030^23	3926D21	4004D22	4030D23	4073
32	94.3	4003^22	4082^23	4109^24	4003D22	4082D23	4109D24	4152
30	94.3	4084^23	4164^25	4190^25	4084D23	4164D25	4190D25	4232
28	94.2	4166^24	4246^26	4273^26	4166D23	4246D26	4273D26	4315
26	94.1	4248^26	4328^27	4355^28	4248D24	4328D27	4355D28	4397
24	94.0	4329^27	4411^28	4438^29	4329D24	4411D28	4438D29	4479
22	93.9	4410^28	4493^29	4521^30	4410D24	4493D30	4521D30	4561
20	93.8	4451^29	4534^30	4562^31	4451D25	4534D30	4562D31	4606
18	93.7	4469^29	4553^30	4581^31	4469D26	4553D30	4581D31	4617
16	93.7	4476^29	4561^30	4588^31	4476D27	4561D31	4588D31	4627
14	93.5	4477^29	4561^30	4589^31	4477D27	4561D31	4589D31	4629
10	92.8	4476^29	4562^30	4590^31	4476D28	4562D31	4590D31	4631
0	91.1	4473^29	4562^30	4591^31	4473D29	4562D31	4591D31	4635
-10	89.4	4458^29	4549^30	4579^31	4458D29	4549D30	4579D31	4626
-20	87.7	4450^28	4544^30	4575^31	4450D29	4544D30	4575D31	4627
-30	86.0	4435^28	4532^30	4565^31	4435D28	4532D30	4565D31	4620

High QNH **+100** per .10" Engine A/I ON **-5640**
Low QNH **-170** per .10" Wing A/I ON **-5640**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
34	94.3	3926^21-21-30	4004^22-22-31	4030^23-23-32	4057^23-23-32
32	94.3	4003^22-22-31	4082^23-23-32	4109^24-24-33	4134^24-24-33
30	94.3	4084^23-23-32	4164^25-25-34	4190^25-25-34	4216^26-26-34
28	94.2	4166^24-24-34	4246^26-26-35	4273^26-26-35	4299^27-27-36
26	94.1	4248^26-26-35	4328^27-27-36	4355^28-28-37	4382^28-28-37
24	94.0	4329^27-27-36	4411^28-28-37	4438^29-29-38	4465^29-29-38
22	93.9	4410^28-28-37	4493^29-29-39	4521^30-30-39	4549^30-30-39
20	93.8	4451^29-29-38	4534^30-30-39	4562^31-31-40	4590^31-31-40
18	93.7	4469^29-29-38	4553^30-30-39	4581^31-31-40	4609^31-31-40
16	93.7	4476^29-29-38	4561^30-30-40	4588^31-31-40	4617^31-31-40
14	93.5	4477^29-29-38	4561^30-30-40	4589^31-31-40	4618^31-31-40
10	92.8	4476^29-29-38	4562^30-30-40	4590^31-31-40	4619^31-31-40
0	91.1	4473^29-29-38	4562^30-30-40	4591^31-31-40	4621^31-31-40
-10	89.4	4458^29-29-38	4549^30-30-39	4579^31-31-40	4610^31-31-40
-20	87.7	4450^28-28-38	4544^30-30-39	4575^31-31-40	4606^31-31-40
-30	86.0	4435^28-28-38	4532^30-30-39	4565^31-31-40	4597^31-31-40

High QNH **+100** per .10" Engine A/I ON **-5640**
Low QNH **-170** per .10" Wing A/I ON **-5640**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 7361 Length 11811 Shift **0** Clearway 0 Stopway 0 Slope -0.39
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3926^21	4004^22	4030^23	3920^21	3999^22	4025^23			
32	4003^22	4082^23	4109^24	3998^22	4077^23	4103^24			
30	4084^23	4164^25	4190^25	4078^23	4158^25	4184^25			
28	4166^24	4246^26	4273^26	4160^24	4240^26	4267^26			
26	4248^26	4328^27	4355^28	4241^25	4322^27	4349^27			
24	4329^27	4411^28	4438^29	4321^27	4403^28	4431^29			
22	4410^28	4493^29	4521^30	4401^28	4484^29	4512^30			
20	4451^29	4534^30	4562^31	4440^28	4523^30	4550^30			
18	4469^29	4553^30	4581^31	4458^29	4542^30	4569^31			
16	4476^29	4561^30	4588^31	4470^29	4554^30	4582^31			
14	4477^29	4561^30	4589^31	4471^29	4556^30	4584^31			
10	4476^29	4562^30	4590^31	3913^20	3983^22	4010^22			
0	4473^29	4562^30	4591^31	4371^27	4458^29	4488^29			
-10	4458^29	4549^30	4579^31	4371^27	4461^29	4491^29			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-5640** Wing A/I ON **-5640**			Engine A/I ON **-220** Wing A/I ON **-220**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3926D21	4004D22	4030D23	3920D21	3999D22	4025D23			
32	4003D22	4082D23	4109D24	3998D22	4077D23	4103D24			
30	4084D23	4164D25	4190D25	4078D23	4158D25	4184D25			
28	4166D23	4246D26	4273D26	4160D23	4240D26	4267D26			
26	4248D24	4328D27	4355D28	4241D23	4322D27	4349D28			
24	4329D24	4411D28	4438D29	4321D24	4403D28	4431D29			
22	4410D24	4493D30	4521D30	4401D24	4484D29	4512D30			
20	4451D25	4534D30	4562D31	4440D25	4523D30	4550D30			
18	4469D26	4553D30	4581D31	4458D26	4542D30	4569D31			
16	4476D27	4561D31	4588D31	4470D26	4554D30	4582D31			
14	4477D27	4561D31	4589D31	4471D27	4556D30	4584D31			
10	4476D28	4562D31	4590D31	3913D21	3983D22	4010D22			
0	4473D29	4562D31	4591D31	4371D27	4458D29	4488D30			
-10	4458D29	4549D30	4579D31	4371D27	4461D29	4491D30			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-5640** Wing A/I ON **-5640**			Engine A/I ON **-220** Wing A/I ON **-220**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4000F 0	4176^ 9	4230^12	3718F 5	3919F12	3984F15			
26	4062F 1	4244^ 9	4303^12	3781F 5	3983F13	4051F15			
24	4124F 1	4312^10	4371^13	3846F 6	4050F13	4119F16			
22	4184F 1	4380^10	4441^13	3911F 6	4118F14	4189F16			
20	4237F 2	4432^11	4495^14	3965F 7	4178F15	4250F17			
18	4264F 2	4456^11	4518^14	3998F 7	4216F15	4292F18			
16	4283F 3	4473^12	4535^15	4018F 8	4239F16	4316F18			
14	4296F 3	4483^12	4545^15	4030F 8	4252F16	4329F19			
12	4308F 4	4492^13	4547^16	4040F 8	4264F17	4342F19			
10	4318^ 4	4501^13	4548^16	4051F 9	4276F17	4353F19			
0	4362^ 6	4520^16	4555^19	4107F11	4338F19	4417F21			
-10	4397^ 8	4514^18	4550^21	4159F12	4397F21	4467^23			
-20	4403^11	4516^21	4554^24	4217F14	4450^23	4515^25			
-30	4396^13	4512^24	4551^27	4276F16	4477^25	4522^28			
	High QNH **+90** per .10" Low QNH **-160** per .10"			High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-5200** Wing A/I ON **-5200**			Engine A/I ON **-3140** Wing A/I ON **-3140**			Engine A/I ON Wing A/I ON		

Elevation 7361 Length 11811 Shift **0** Clearway 0 Stopway 0 Slope -0.39

Rwy Rev. Program Rules FAA **26 Oct 17**

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PUEBLA **-PBC** **35** ***RT H170***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		8361'		**RT H170**	**8361'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
34	89.1	3908^20	3988^22	4014^22	3908D20	3988D22	4014D22	4072
32	89.4	3985^22	4065^23	4092^24	3985D21	4065D23	4092D24	4151
30	89.7	4065^23	4146^24	4172^25	4065D22	4146D24	4172D25	4231
28	89.9	4145^24	4227^25	4254^26	4145D22	4227D26	4254D26	4313
26	90.1	4226^25	4308^27	4336^27	4226D22	4308D27	4336D27	4396
24	90.4	4307^26	4390^28	4418^28	4307^23	4390D28	4418D29	4477
22	90.6	4387^28	4471^29	4499^30	4386^23	4471D29	4499D30	4559
20	90.9	4427^28	4512^30	4540^30	4426^23	4512D30	4540D30	4605
18	90.6	4443^28	4528^30	4557^30	4442^24	4528D30	4557D31	4615
16	90.3	4449^28	4535^30	4564^31	4449D24	4535D30	4564D31	4626
14	90.0	4449^28	4536^30	4565^31	4449D25	4536D30	4565D31	4628
10	89.4	4449^28	4537^30	4566^31	4449D26	4537D30	4566D31	4630
0	87.8	4447^28	4537^30	4567^31	4447D28	4537D30	4567D31	4634
-10	86.2	4430^28	4523^30	4554^30	4430D28	4523D30	4554D30	4623
-20	84.5	4423^28	4519^30	4551^30	4423D28	4519D30	4551D30	4625
-30	82.8	4409^28	4508^30	4541^30	4409D28	4508D30	4541D30	4618

High QNH **+90** per .10" Engine A/I ON **-5570**
Low QNH **-170** per .10" Wing A/I ON **-5570**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
34	94.3	3918^21	3997^22	4024^23	3918D21	3997D22	4024D23	4073
32	94.3	3995^22	4075^23	4101^24	3995D22	4075D23	4101D24	4152
30	94.3	4076^23	4156^24	4182^25	4076D23	4156D25	4182D25	4232
28	94.2	4158^24	4238^26	4265^26	4158D24	4238D26	4265D26	4315
26	94.1	4239^25	4321^27	4348^27	4239D24	4321D27	4348D28	4397
24	94.0	4321^27	4402^28	4430^29	4321D24	4402D28	4430D29	4479
22	93.9	4401^28	4485^29	4512^30	4401D25	4485D29	4512D30	4561
20	93.8	4442^28	4526^30	4554^30	4442D26	4526D30	4554D30	4606
18	93.7	4461^29	4545^30	4573^31	4461D27	4545D30	4573D31	4617
16	93.7	4468^29	4552^30	4581^31	4468D27	4552D30	4581D31	4627
14	93.5	4468^29	4553^30	4581^31	4468D28	4553D30	4581D31	4629
10	92.8	4468^29	4554^30	4582^31	4468D29	4554D30	4582D31	4631
0	91.1	4465^29	4554^30	4583^31	4465D29	4554D30	4583D31	4635
-10	89.4	4449^28	4541^30	4571^31	4449D29	4541D30	4571D31	4626
-20	87.7	4442^28	4536^30	4568^31	4442D28	4536D30	4568D31	4627
-30	86.0	4427^28	4525^30	4557^30	4427D28	4525D30	4557D30	4620

High QNH **+90** per .10" Engine A/I ON **-5620**
Low QNH **-170** per .10" Wing A/I ON **-5620**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
34	94.3	3918^21-21-30	3997^22-22-31	4024^23-23-31	4049^23-23-32
32	94.3	3995^22-22-31	4075^23-23-32	4101^24-24-33	4128^24-24-33
30	94.3	4076^23-23-32	4156^24-24-33	4182^25-25-34	4209^25-25-34
28	94.2	4158^24-24-34	4238^26-26-35	4265^26-26-35	4292^27-27-36
26	94.1	4239^25-25-35	4321^27-27-36	4348^27-27-36	4374^28-28-37
24	94.0	4321^27-27-36	4402^28-28-37	4430^29-29-38	4457^29-29-38
22	93.9	4401^28-28-37	4485^29-29-38	4512^30-30-39	4541^30-30-39
20	93.8	4442^28-28-38	4526^30-30-39	4554^30-30-39	4581^31-31-40
18	93.7	4461^29-29-38	4545^30-30-39	4573^31-31-40	4601^31-31-40
16	93.7	4468^29-29-38	4552^30-30-39	4581^31-31-40	4609^31-31-40
14	93.5	4468^29-29-38	4553^30-30-39	4581^31-31-40	4610^31-31-40
10	92.8	4468^29-29-38	4554^30-30-39	4582^31-31-40	4611^31-31-40
0	91.1	4465^29-29-38	4554^30-30-39	4583^31-31-40	4613^31-31-40
-10	89.4	4449^28-28-38	4541^30-30-39	4571^31-31-40	4602^31-31-40
-20	87.7	4442^28-28-38	4536^30-30-39	4568^31-31-40	4599^31-31-40
-30	86.0	4427^28-28-38	4525^30-30-39	4557^30-30-40	4590^31-31-40

High QNH **+90** per .10" Engine A/I ON **-5620**
Low QNH **-170** per .10" Wing A/I ON **-5620**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 7361 Length 11811 Shift **0** Clearway 0 Stopway 0 Slope +0.39
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
34	3918^21	3997^22	4024^23
32	3995^22	4075^23	4101^24
30	4076^23	4156^24	4182^25
28	4158^24	4238^26	4265^26
26	4239^25	4321^27	4348^27
24	4321^27	4402^28	4430^29
22	4401^28	4485^29	4512^30
20	4442^28	4526^30	4554^30
18	4461^29	4545^30	4573^31
16	4468^29	4552^30	4581^31
14	4468^29	4553^30	4581^31
10	4468^29	4554^30	4582^31
0	4465^29	4554^30	4583^31
-10	4449^28	4541^30	4571^31

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-5620**
Wing A/I ON **-5620**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
34	3913^20	3991^22	4018^22
32	3990^22	4069^23	4095^24
30	4070^23	4150^24	4177^25
28	4151^24	4232^26	4259^26
26	4233^25	4314^27	4341^27
24	4313^27	4394^28	4423^29
22	4392^28	4475^29	4503^30
20	4431^28	4514^30	4542^30
18	4449^28	4533^30	4561^30
16	4461^29	4546^30	4574^31
14	4462^29	4547^30	4576^31
10	3906^20	3989^22	4005^22
0	4363^27	4450^29	4479^29
-10	4363^27	4453^29	4483^29

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-220**
Wing A/I ON **-220**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
34	3918D21	3997D22	4024D23
32	3995D22	4075D23	4101D24
30	4076D23	4156D25	4182D25
28	4158D24	4238D26	4265D26
26	4239D24	4321D27	4348D28
24	4321D24	4402D28	4430D29
22	4401D25	4485D29	4512D30
20	4442D26	4526D30	4554D30
18	4461D27	4545D30	4573D31
16	4468D27	4552D30	4581D31
14	4468D28	4553D30	4581D31
10	4468D29	4554D30	4582D31
0	4465D29	4554D30	4583D31
-10	4449D29	4541D30	4571D31

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-5620**
Wing A/I ON **-5620**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
34	3913D21	3991D22	4018D23
32	3990D22	4069D23	4095D24
30	4070D23	4150D24	4177D25
28	4151D23	4232D26	4259D26
26	4233D24	4314D27	4341D27
24	4313D24	4394D28	4423D29
22	4392D25	4475D29	4503D30
20	4431D26	4514D30	4542D30
18	4449D26	4533D30	4561D31
16	4461D27	4546D30	4574D31
14	4462D27	4547D30	4576D31
10	3906D20	3989D22	4005D22
0	4363D27	4450D29	4479D29
-10	4363D27	4453D29	4483D29

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-220**
Wing A/I ON **-220**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3929F 3	4147F11	4219^14
26	3990F 3	4209F11	4286F14
24	4051F 3	4273F12	4351F15
22	4112F 4	4338F12	4417F15
20	4160F 4	4392F13	4472F16
18	4190F 5	4425F14	4507F16
16	4210F 5	4446F14	4529F17
14	4223F 6	4460F14	4533^17
12	4234F 6	4473F15	4536^18
10	4247F 7	4486F15	4537^18
0	4307F 8	4509^17	4546^21
-10	4364F10	4504^20	4542^23
-20	4393^13	4508^23	4547^26
-30	4386^15	4506^25	4546^29

High QNH **+100** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-5080**
Wing A/I ON **-5080**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3655F 6	3858F14	3924F16
26	3717F 7	3922F14	3990F16
24	3780F 7	3986F15	4057F17
22	3843F 8	4054F15	4127F18
20	3898F 8	4112F16	4187F18
18	3933F 9	4152F17	4229F19
16	3952F10	4176F17	4253F20
14	3964F10	4188F18	4266F20
12	3974F10	4200F18	4278F20
10	3985F11	4213F18	4291F21
0	4041F12	4275F20	4353F23
-10	4092F14	4333F22	4412F24
-20	4150F16	4396F24	4474F26
-30	4210F18	4459F26	4509^28

High QNH **+110** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-2570**
Wing A/I ON **-2570**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 7361 Length 11811 Shift **0** Clearway 0 Stopway 0 Slope +0.39
Rwy Rev. Program Rules FAA **26 Oct 17**

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PUERTO ESCONDIDO -PXM 09 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		500'		RT H180	1294'	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	87.6	3914^18	4046^21	4079^21
46	87.7	3990^19	4129^22	4165^23
44	87.7	4041^20	4184^23	4221^23
42	87.6	4069^20	4215^23	4252^24
40	87.4	4091^21	4238^23	4276^24
38	87.1	4099^21	4245^24	4282^24
36	86.8	4107^21	4251^24	4288^24
34	86.6	4116^21	4259^24	4295^24
32	86.3	4123^21	4266^24	4302^25
30	86.0	4131^21	4273^24	4309^25
20	84.6	4172^22	4308^25	4341^25
10	83.1	4208^23	4337^25	4367^26
0	81.6	4251^24	4372^26	4401^26
-10	80.1	4288^24	4403^26	4429^27
-20	78.6	4323^25	4430^27	4452^27
-30	77.0	4357^26	4455^27	4488^28

ALT TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
3908^11	4046D21	4079D22	4673
3978^12	4129D22	4165D23	4790
4026^12	4184D22	4221D24	4869
4054^13	4215D22	4252D25	4942
4077^13	4238D23	4276D25	4958
4086^13	4245D23	4282D25	4960
4096^14	4251D23	4288D25	4962
4106^14	4259D24	4295D25	4964
4116^14	4266D24	4302D25	4966
4126^15	4273D24	4309D25	4968
4172D16	4308D25	4341D26	4976
4208D18	4337D26	4367D26	4971
4251D20	4372D26	4401D27	4983
4288D22	4403D27	4429D28	4986
4323D24	4430D27	4452D28	4984
4357D26	4455D28	4488D29	4981

High QNH **+30** per .10" — Engine A/I ON **-590**
Low QNH **-150** per .10" — Wing A/I ON **-590**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.7	3969^19	4081^21	4107^22
46	90.9	4048^20	4168^23	4196^23
44	90.9	4123^21	4248^24	4278^24
42	90.7	4193^22	4322^25	4355^25
40	90.6	4249^23	4389^26	4424^26
38	90.3	4300^24	4449^26	4487^27
36	90.0	4347^24	4505^27	4546^28
34	89.7	4378^25	4542^28	4585^28
32	89.4	4392^25	4557^28	4601^29
30	89.2	4401^25	4564^28	4607^29
20	87.6	4447^26	4605^29	4645^29
10	86.1	4487^26	4636^29	4675^30
0	84.6	4534^27	4678^30	4713^31
-10	83.0	4577^28	4715^31	4747^31
-20	81.4	4616^29	4746^31	4775^32
-30	79.8	4656^29	4776^32	4802^32

TO - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
3960^13	4081D22	4107D22	4675
4034^13	4168D23	4196D24	4791
4103^14	4248D24	4278D25	4897
4167^14	4322D24	4355D26	5001
4219^15	4389D25	4424D27	5071
4269^15	4449D25	4487D28	5071
4312^15	4505D25	4546D28	5071
4344^15	4542D25	4585D28	5071
4360^15	4557D25	4601D29	5071
4370^16	4564D26	4607D29	5071
4425^18	4605D28	4645D30	5071
4477^19	4636D30	4675D31	5071
4534D21	4678D31	4713D31	5071
4577D23	4715D31	4747D32	5071
4616D25	4746D32	4775D32	5071
4656D28	4776D32	4802D33	5071

High QNH **+70** per .10" — Engine A/I ON **-590**
Low QNH **-150** per .10" — Wing A/I ON **-590**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.7	3969^19-19-30	4081^21-21-32	4107^22-22-33	4128^22-22-33
46	90.9	4048^20-20-32	4168^23-23-34	4196^23-23-34	4219^24-24-34
44	90.9	4123^21-21-33	4248^24-24-35	4278^24-24-35	4303^25-25-36
42	90.7	4193^22-22-34	4322^25-25-36	4355^25-25-36	4380^26-26-37
40	90.6	4249^23-23-35	4389^26-26-37	4424^26-26-37	4453^27-27-38
38	90.3	4300^24-24-36	4449^26-26-38	4487^27-27-38	4519^28-28-39
36	90.0	4347^24-24-36	4505^27-27-39	4546^28-28-39	4581^28-28-40
34	89.7	4378^25-25-37	4542^28-28-39	4585^28-28-40	4623^29-29-40
32	89.4	4392^25-25-37	4557^28-28-39	4601^29-29-40	4637^29-29-41
30	89.2	4401^25-25-37	4564^28-28-39	4607^29-29-40	4644^29-29-41
20	87.6	4447^26-26-38	4605^29-29-40	4645^29-29-41	4680^30-30-41
10	86.1	4487^26-26-38	4636^29-29-41	4675^30-30-41	4705^30-30-42
0	84.6	4534^27-27-39	4678^30-30-41	4713^31-31-42	4741^31-31-42
-10	83.0	4577^28-28-40	4715^31-31-42	4747^31-31-42	4773^32-32-42
-20	81.4	4616^29-29-40	4746^31-31-42	4775^32-32-43	4798^32-32-43
-30	79.8	4656^29-29-41	4776^32-32-43	4802^32-32-43	4839^33-33-43

High QNH **+70** per .10" — Engine A/I ON **-590**
Low QNH **-150** per .10" — Wing A/I ON **-590**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	294	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+1.70
Rwy Rev.		Program						Rules	FAA		**08 Jun 18**

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TAR Mexico **EMB-145** **AE3007A1P**

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	3969^19	4081^21	4107^22
46	4048^20	4168^23	4196^23
44	4123^21	4248^24	4278^24
42	4193^22	4322^25	4355^25
40	4249^23	4389^26	4424^26
38	4300^24	4449^26	4487^27
36	4347^24	4505^27	4546^28
34	4378^25	4542^28	4585^28
32	4392^25	4557^28	4601^29
30	4401^25	4564^28	4607^29
20	4447^26	4605^29	4645^29
10	4487^26	4636^29	4675^30
0	4534^27	4678^30	4713^31
-10	4577^28	4715^31	4747^31

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-590**
Wing A/I ON **-590**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3961^19	4074^21	4101^22
4040^20	4160^22	4189^23
4112^21	4239^24	4270^24
4176^22	4310^25	4343^25
4240^23	4380^25	4416^26
4288^23	4439^26	4478^27
4336^24	4496^27	4538^28
4365^24	4530^27	4573^28
4379^25	4544^28	4587^28
4392^25	4557^28	4601^29
4438^26	4597^28	4638^29
4446^26	4591^29	4626^29
4484^27	4621^29	4653^30
4526^27	4655^30	4684^30

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-90**
Wing A/I ON **-90**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	3960^13	4081D22	4107D22
46	4034^13	4168D23	4196D24
44	4103^14	4248D24	4278D25
42	4167^14	4322D24	4355D26
40	4219^15	4389D25	4424D27
38	4269^15	4449D25	4487D28
36	4312^15	4505D25	4546D28
34	4344^15	4542D25	4585D28
32	4360^15	4557D25	4601D29
30	4370^16	4564D26	4607D29
20	4425^18	4605D28	4645D30
10	4477^19	4636D30	4675D31
0	4534D21	4678D31	4713D31
-10	4577D23	4715D31	4747D32

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-590**
Wing A/I ON **-590**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3953^13	4074D22	4101D22
4026^13	4160D23	4189D24
4093^14	4239D24	4270D25
4153^14	4310D24	4343D26
4211^14	4380D24	4416D27
4257^15	4439D25	4478D28
4303^15	4496D25	4538D28
4333^15	4530D25	4573D28
4348^15	4544D25	4587D29
4362^16	4557D26	4601D29
4417^17	4597D27	4638D30
4439^19	4591D29	4626D30
4484D21	4621D30	4653D30
4526D23	4655D30	4684D31

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-90**
Wing A/I ON **-90**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3669F97	4284^ 5	4351^ 8
26	3702F97	4294^ 5	4363^ 8
24		4304^ 5	4375^ 9
22		4314^ 6	4386^ 9
20		4324^ 6	4398^ 9
18		4331^ 6	4408^10
16		4339^ 7	4418^10
14		4347^ 7	4428^10
12		4354^ 7	4438^11
10	3936F99	4364^ 8	4448^11
0		4424^10	4506^13
-10		4476^12	4547D15
-20	4302F 4	4518^14	4565D17
-30	4342^ 6	4506D16	4554D18

High QNH **+80** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-510**
Wing A/I ON **-510**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
3557F 1	3822F10	3921F13
3568F 1	3833F10	3933F13
3577F 1	3843F10	3946F13
3586F 2	3856F11	3958F14
3596F 2	3868F11	3971F14
3604F 2	3879F11	3982F14
3614F 3	3892F12	3994F15
3623F 3	3903F12	4006F15
3631F 3	3915F12	4018F15
3642F 4	3926F13	4030F16
3696F 5	3993F15	4097F17
3751F 7	4057F16	4168F19
3806F 9	4123F18	4239F21
3863F11	4194F20	4313F23

High QNH **+80** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-380**
Wing A/I ON **-380**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 294 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +1.70
Rwy Rev. Program Rules FAA **08 Jun 18**

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PUERTO ESCONDIDO -PXM 27 *DT H269*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1294'		DT H269	1294'	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	87.6	4331F26	4605^31	4638^32
46	87.7	4399F27	4696F32	4751^33
44	87.7	4448F28	4749F33	4847^34
42	87.6	4479F28	4781F33	4887F35
40	87.4	4502F28	4806F34	4912F35
38	87.1	4515F28	4821F34	4927F36
36	86.8	4528F29	4835F34	4942F36
34	86.6	4541F29	4849F34	4950^36
32	86.3	4554F29	4864F35	4951^36
30	86.0	4568F29	4879F35	4952^36
20	84.6	4637F31	4921^35	4957^36
10	83.1	4709F32	4913^35	4951^36
0	81.6	4783F33	4917^35	4956^36
-10	80.1	4794^33	4915^35	4954^36
-20	78.6	4782^33	4907^35	4948^36
-30	77.0	4768^33	4896^35	4939^36

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	4250F 8	4551F18	4634^21	4673
46	87.7	4318F 8	4626F18	4733F22	4790
44	87.7	4367F 9	4679F19	4788F22	4869
42	87.6	4397F 9	4712F19	4821F22	4942
40	87.4	4421F 9	4738F19	4847F23	4958
38	87.1	4435F10	4751F20	4861F23	4960
36	86.8	4448F10	4765F20	4876F23	4962
34	86.6	4461F10	4779F21	4890F24	4964
32	86.3	4473F11	4794F21	4905F24	4966
30	86.0	4487F11	4808F21	4920F24	4968
20	84.6	4557F13	4883F23	4954^27	4976
10	83.1	4621F15	4910^25	4950^29	4971
0	81.6	4695F16	4916^27	4956D31	4983
-10	80.1	4768F18	4915D30	4954D34	4986
-20	78.6	4777^21	4907D33	4948D36	4984
-30	77.0	4766^23	4896D35	4939D36	4981

High QNH **+0** per .10" Engine A/I ON **-850**
Low QNH **-160** per .10" Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.7	4458F28	4616^31	4648^32
46	90.9	4536F29	4729^33	4761^33
44	90.9	4605F30	4836^34	4868^35
42	90.7	4673F31	4942^36	4974^36
40	90.6	4719F31	5015F37	5071A37
38	90.3	4753F31	5064F37	5071A37
36	90.0	4775F31	5071A37	5071A37
34	89.7	4795F32	5071A37	5071A37
32	89.4	4808F32	5071A37	5071A37
30	89.2	4823F32	5071A37	5071A37
20	87.6	4894F34	5071A37	5071A37
10	86.1	4970F35	5071A37	5071A37
0	84.6	5049F36	5071A37	5071A37
-10	83.0	5071A37	5071A37	5071A37
-20	81.4	5071A37	5071A37	5071A37
-30	79.8	5071A37	5071A37	5071A37

TO - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.7	4313F 9	4609^19	4645^23	4675
46	90.9	4384F 9	4698F19	4757^23	4791
44	90.9	4451F10	4771F20	4863^23	4897
42	90.7	4514F10	4840F21	4951F24	5001
40	90.6	4563F10	4894F21	5007F24	5071
38	90.3	4610F11	4945F21	5059F24	5071
36	90.0	4654F11	4990F21	5071A25	5071
34	89.7	4687F11	5025F22	5071A25	5071
32	89.4	4705F11	5045F22	5071A26	5071
30	89.2	4719F12	5060F22	5071A26	5071
20	87.6	4793F14	5071A24	5071A28	5071
10	86.1	4864F16	5071A27	5071A31	5071
0	84.6	4946F17	5071A29	5071A33	5071
-10	83.0	5022F19	5071A32	5071A36	5071
-20	81.4	5071A22	5071A34	5071A37	5071
-30	79.8	5071A24	5071A37	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-180** per .10" Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.7	4458F28-28-38	4616^31-31-40	4648^32-32-41	4675C32-32-41
46	90.9	4536F29-29-39	4729^33-33-42	4761^33-33-42	4791C34-34-43
44	90.9	4605F30-30-40	4836^34-34-43	4868^35-35-44	4897C35-35-44
42	90.7	4673F31-31-41	4942^36-36-45	4974^36-36-45	5001C37-37-46
40	90.6	4719F31-32-42	5015F37-37-46	5071A37-37-47	5071A37-37-47
38	90.3	4753F31-32-42	5064F37-37-47	5071A37-37-47	5071A37-37-47
36	90.0	4775F31-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.7	4795F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.4	4808F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	89.2	4823F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.6	4894F34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	86.1	4970F35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.6	5049F36-36-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.0	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	81.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	79.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-180** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 294 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope -1.70
Rwy Rev. Program Rules FAA **08 Jun 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4458F28	4616^31	4648^32
46	4536F29	4729^33	4761^33
44	4605F30	4836^34	4868^35
42	4673F31	4942^36	4974^36
40	4719F31	5015F37	5071A37
38	4753F31	5064F37	5071A37
36	4775F31	5071A37	5071A37
34	4795F32	5071A37	5071A37
32	4808F32	5071A37	5071A37
30	4823F32	5071A37	5071A37
20	4894F34	5071A37	5071A37
10	4970F35	5071A37	5071A37
0	5049F36	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4446F28	4609^31	4641^32
46	4524F29	4722^33	4754^33
44	4589F30	4827^34	4860^35
42	4647F30	4932^35	4966^36
40	4702F31	5002F36	5064^37
38	4729F31	5041F37	5071A37
36	4756F31	5071A37	5071A37
34	4776F32	5071A37	5071A37
32	4791F32	5071A37	5071A37
30	4807F32	5071A37	5071A37
20	4877F33	5071A37	5071A37
10	4936F35	5071A37	5071A37
0	5014F36	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4313F 9	4609^19	4645^23
46	4384F 9	4698F19	4757^23
44	4451F10	4771F20	4863^23
42	4514F10	4840F21	4951F24
40	4563F10	4894F21	5007F24
38	4610F11	4945F21	5059F24
36	4654F11	4990F21	5071A25
34	4687F11	5025F22	5071A25
32	4705F11	5045F22	5071A26
30	4719F12	5060F22	5071A26
20	4793F14	5071A24	5071A28
10	4864F16	5071A27	5071A31
0	4946F17	5071A29	5071A33
-10	5022F19	5071A32	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4305F 9	4602^19	4638^23
46	4376F 9	4689F19	4749^23
44	4440F 9	4759F20	4854^23
42	4498F10	4822F20	4932F24
40	4554F10	4885F21	4997F24
38	4599F10	4933F21	5045F24
36	4644F11	4979F21	5071A25
34	4676F11	5013F21	5071A25
32	4693F11	5032F22	5071A25
30	4711F12	5051F22	5071A26
20	4784F14	5071A24	5071A28
10	4830F15	5071A26	5071A30
0	4905F17	5071A29	5071A33
-10	4981F19	5071A31	5071A35

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28			3724F 2
26			3887F 2
24			4039F 2
22			4203F 2
20			4366F 2
18		2731F 4	4537F 1
16		2984F 3	4598F 2
14		3179F 3	4612F 2
12		3368F 3	4625F 3
10		3570F 3	4638F 3
0		4507F 2	4717F 5
-10		4682F 4	4796F 7
-20		4757F 6	4877F 9
-30		4840F 8	4960F12

High QNH **+100** per .10"
Low QNH **-510** per .10"

Engine A/I ON **-430**
Wing A/I ON **-430**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3249F94	4144F 0	4289F 3
26	3289F94	4161F 1	4305F 4
24	3349F95	4178F 1	4321F 4
22	3379F95	4195F 1	4338F 4
20	3393F95	4213F 2	4352F 5
18	3422F95	4226F 2	4368F 5
16	3452F95	4242F 2	4383F 5
14	3481F96	4258F 3	4399F 6
12	3510F96	4274F 3	4415F 6
10	3539F96	4291F 3	4430F 6
0	3686F97	4378F 5	4518F 8
-10	3726F99	4461F 7	4553^10
-20	3879F 0	4494^ 9	4561^13
-30	4035F 1	4499^11	4569^15

High QNH **+80** per .10"
Low QNH **-130** per .10"

Engine A/I ON **-510**
Wing A/I ON **-510**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	294	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	-1.70
Rwy Rev.		Program						Rules	FAA		**08 Jun 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1088'		**DT H182**	**1088'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4357F26	4546^30	4602^31	4281F14	4536^23	4602D27	4712
46	87.7	4434F27	4637^31	4694^32	4354F14	4621^24	4694D27	4830
44	87.6	4482F28	4691^32	4749^33	4400F15	4673^24	4749D27	4893
42	87.4	4502F28	4712^32	4771^33	4420F15	4695^25	4771D28	4946
40	87.2	4518F29	4730^32	4788^33	4438F15	4713^25	4788D28	4959
38	86.9	4529F29	4738^32	4797^33	4450F16	4723^25	4797D29	4961
36	86.6	4540F29	4747^33	4806^34	4463F16	4734^26	4806D29	4962
34	86.3	4551F29	4756^33	4815^34	4475F16	4745^26	4815D29	4964
32	86.1	4563F29	4766^33	4825^34	4488F17	4756^26	4825D30	4966
30	85.8	4575F30	4775^33	4834^34	4501F17	4768^27	4834D30	4968
20	84.4	4635F31	4821^34	4881^35	4567F19	4821D29	4881D32	4976
10	82.9	4690^32	4861^34	4922^35	4632F21	4861D31	4922D34	4972
0	81.4	4738^32	4899^35	4939^36	4705F22	4899D33	4939D36	4984
-10	79.9	4776^33	4896^35	4937^36	4756^24	4896D35	4937D36	4987
-20	78.4	4764^33	4888^35	4931^36	4763^27	4888D35	4931D36	4985
-30	76.8	4749^33	4879^35	4923^35	4749D30	4879D35	4923D36	4983

High QNH **+0** per .10" Engine A/I ON **-850**
Low QNH **-170** per .10" Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4447^28	4603^31	4658^32	4353F15	4593^25	4658D28	4713
46	90.9	4537F29	4698^32	4754^33	4427F16	4681^26	4754D29	4832
44	90.8	4613F30	4786^33	4843^34	4497F16	4762^26	4842^29	4937
42	90.6	4684F31	4867^34	4925^35	4562F17	4836^27	4918^30	5041
40	90.3	4727F32	4930^35	4991^36	4609F17	4896^27	4978^30	5071
38	90.0	4768F32	4988^36	5050^37	4652F17	4950^27	5033^30	5071
36	89.7	4806F32	5044^36	5071A37	4695F17	5003^27	5071A30	5071
34	89.5	4832F33	5071A37	5071A37	4725F18	5036^27	5071A31	5071
32	89.2	4845F33	5071A37	5071A37	4740F18	5051^28	5071A31	5071
30	88.9	4857F33	5071A37	5071A37	4753F18	5063^28	5071A32	5071
20	87.4	4919F34	5071A36	5071A36	4822F20	5071A30	5071A34	5071
10	85.9	4982F35	5071A37	5071A37	4891F22	5071A33	5071A36	5071
0	84.3	5052F36	5071A36	5071A36	4966F24	5071A35	5071A36	5071
-10	82.8	5071A36	5071A36	5071A36	5044F26	5071A36	5071A36	5071
-20	81.2	5071A36	5071A36	5071A36	5071A28	5071A36	5071A36	5071
-30	79.6	5071A36	5071A36	5071A36	5071A31	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4447^28-28-38	4603^31-31-40	4658^32-32-41	4703^33-33-41
46	90.9	4537F29-29-39	4698^32-32-41	4754^33-33-42	4811^34-34-43
44	90.8	4613F30-30-40	4786^33-33-43	4843^34-34-43	4902^35-35-44
42	90.6	4684F31-31-41	4867^34-34-44	4925^35-35-45	4986^36-36-46
40	90.3	4727F32-32-42	4930^35-35-45	4991^36-36-46	5052^37-37-47
38	90.0	4768F32-32-42	4988^36-36-46	5050^37-37-47	5071A37-37-47
36	89.7	4806F32-32-43	5044^36-36-46	5071A37-37-47	5071A37-37-47
34	89.5	4832F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.2	4845F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.9	4857F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.4	4919F34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.9	4982F35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.3	5052F36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	88	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.05
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4447^28	4603^31	4658^32
46	4537F29	4698^32	4754^33
44	4613F30	4786^33	4843^34
42	4684F31	4867^34	4925^35
40	4727F32	4930^35	4991^36
38	4768F32	4988^36	5050^37
36	4806F32	5044^36	5071A37
34	4832F33	5071A37	5071A37
32	4845F33	5071A37	5071A37
30	4857F33	5071A37	5071A37
20	4919F34	5071A36	5071A36
10	4982F35	5071A37	5071A37
0	5052F36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4437^28	4594^31	4649^32
46	4525F29	4688^32	4744^33
44	4595F30	4772^33	4830^34
42	4654F31	4846^34	4905^35
40	4714F31	4920^35	4980^36
38	4753F32	4977^35	5038^36
36	4792F32	5033^36	5071A37
34	4818F32	5066^36	5071A37
32	4831F33	5071A37	5071A37
30	4844F33	5071A37	5071A37
20	4906F34	5071A37	5071A37
10	4943F35	5071A37	5071A37
0	5006F36	5071A37	5071A37
-10	5049^36	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4353F15	4593^25	4658D28
46	4427F16	4681^26	4754D29
44	4497F16	4762^26	4842^29
42	4562F17	4836^27	4918^30
40	4609F17	4896^27	4978^30
38	4652F17	4950^27	5033^30
36	4695F17	5003^27	5071A30
34	4725F18	5036^27	5071A31
32	4740F18	5051^28	5071A31
30	4753F18	5063^28	5071A32
20	4822F20	5071A30	5071A34
10	4891F22	5071A33	5071A36
0	4966F24	5071A35	5071A36
-10	5044F26	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4344F15	4585^25	4649D28
46	4418F16	4672^25	4744D29
44	4484F16	4749^26	4829^29
42	4542F16	4817^26	4898^29
40	4599F17	4886^27	4968^30
38	4641F17	4940^27	5023^30
36	4685F17	4993^27	5071A30
34	4715F17	5026^27	5071A31
32	4729F18	5040^27	5071A31
30	4744F18	5049^28	5071A31
20	4813F20	5071A30	5071A34
10	4856F22	5071A32	5071A36
0	4927F24	5071A35	5071A37
-10	4999F26	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		4466F 6	4559F 9
26		4479F 6	4571F10
24		4491F 7	4584F10
22	2658F 4	4503F 7	4597F10
20	2825F 3	4516F 7	4610F11
18	2977F 3	4526F 8	4622F11
16	3124F 3	4538F 8	4634F11
14	3265F 3	4550F 9	4647F12
12	3390F 2	4562F 9	4660F12
10	3527F 2	4574F 9	4670F13
0	4190F 2	4644F11	4744F15
-10	4388F 3	4711F13	4817F17
-20	4485F 5	4782F16	4891F19
-30	4547F 7	4856F18	4968F21

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-450**
Wing A/I ON **-450**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3740F 1	4172F 9	4305F11
26	3752F 1	4188F 9	4322F12
24	3765F 1	4204F 9	4337F12
22	3778F 1	4219F10	4352F12
20	3790F 2	4235F10	4369F13
18	3802F 2	4249F10	4383F13
16	3815F 2	4262F11	4399F13
14	3828F 3	4277F11	4414F14
12	3844F 3	4293F11	4430F14
10	3860F 3	4310F11	4446F14
0	3940F 5	4396F13	4530F16
-10	4028F 6	4476F15	4596^18
-20	4141F 8	4533^17	4604^18
-30	4223F 9	4541^17	4593^18

High QNH **+80** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-530**
Wing A/I ON **-530**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	88	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.05
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1088'		**LT H180**	**1088'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4344F26	4593F31	4657^32	4271F14	4564F23	4655^26	4712
46	87.7	4421F27	4675F32	4763F33	4343F14	4641F24	4745F27	4830
44	87.6	4469F28	4726F32	4815F34	4389F15	4691F24	4795F27	4893
42	87.4	4489F28	4747F33	4836F34	4410F15	4712F25	4817F28	4946
40	87.2	4506F28	4766F33	4856F34	4428F16	4732F25	4838F28	4959
38	86.9	4517F29	4777F33	4868F35	4440F16	4745F25	4851F28	4961
36	86.6	4528F29	4789F33	4880F35	4452F16	4759F26	4865F29	4962
34	86.3	4538F29	4801F33	4890F35	4465F17	4772F26	4879F29	4964
32	86.1	4549F29	4813F34	4903F35	4477F17	4786F26	4894F29	4966
30	85.8	4561F29	4826F34	4916F35	4490F17	4800F27	4908F30	4968
20	84.4	4621F30	4887F35	4938^36	4556F19	4872F28	4938D32	4976
10	82.9	4679F31	4894^35	4932^36	4620F21	4894^31	4932D34	4972
0	81.4	4742F32	4898^35	4937^36	4693F23	4898D33	4937D36	4984
-10	79.9	4774^33	4895^35	4936^36	4762F24	4895D35	4936D36	4987
-20	78.4	4762^33	4887^35	4930^36	4761^27	4887D35	4930D36	4985
-30	76.8	4748^33	4877^35	4921^35	4748D30	4877D35	4921D36	4983

High QNH **+0** per .10" Engine A/I ON **-850**
Low QNH **-160** per .10" Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4443F28	4636^31	4669^32	4343F15	4633^25	4669D28	4713
46	90.9	4524F29	4750^33	4783^34	4418F16	4726F25	4782^29	4832
44	90.8	4600F30	4857^34	4891^35	4487F16	4800F26	4888^29	4937
42	90.6	4670F31	4933F35	4996^36	4552F17	4870F26	4979F29	5041
40	90.3	4714F31	4981F36	5071A37	4599F17	4918F27	5027F30	5071
38	90.0	4754F32	5024F36	5071A37	4641F17	4963F27	5071A30	5071
36	89.7	4792F32	5065F37	5071A37	4684F17	5005F27	5071A30	5071
34	89.5	4818F32	5071A37	5071A37	4714F18	5036F27	5071A31	5071
32	89.2	4831F33	5071A37	5071A37	4729F18	5052F28	5071A31	5071
30	88.9	4843F33	5071A37	5071A37	4742F18	5067F28	5071A32	5071
20	87.4	4903F34	5071A36	5071A36	4811F20	5071A30	5071A34	5071
10	85.9	4966F35	5071A37	5071A37	4879F22	5071A33	5071A36	5071
0	84.3	5036F36	5071A36	5071A36	4954F24	5071A35	5071A36	5071
-10	82.8	5071A36	5071A36	5071A36	5032F26	5071A36	5071A36	5071
-20	81.2	5071A36	5071A36	5071A36	5071A28	5071A36	5071A36	5071
-30	79.6	5071A36	5071A36	5071A36	5071A31	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4443F28-28-38	4636^31-31-41	4669^32-32-41	4701^33-33-41
46	90.9	4524F29-29-39	4750^33-33-42	4783^34-34-43	4816^34-34-43
44	90.8	4600F30-30-40	4857^34-34-44	4891^35-35-44	4924^36-36-45
42	90.6	4670F31-31-41	4933F35-35-45	4996^36-36-46	5030^37-37-46
40	90.3	4714F31-31-42	4981F36-36-46	5071A37-37-47	5071A37-37-47
38	90.0	4754F32-32-42	5024F36-36-46	5071A37-37-47	5071A37-37-47
36	89.7	4792F32-32-43	5065F37-37-47	5071A37-37-47	5071A37-37-47
34	89.5	4818F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.2	4831F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.9	4843F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.4	4903F34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.9	4966F35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.3	5036F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-170** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 88 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.05
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4443F28	4636^31	4669^32	4431F28	4629^31	4661^32			
46	4524F29	4750^33	4783^34	4514F29	4743^33	4776^33			
44	4600F30	4857^34	4891^35	4581F30	4841F34	4882^35			
42	4670F31	4933F35	4996^36	4641F30	4903F35	4986^36			
40	4714F31	4981F36	5071A37	4700F31	4967F36	5060F37			
38	4754F32	5024F36	5071A37	4739F31	5009F36	5071A37			
36	4792F32	5065F37	5071A37	4778F32	5051F36	5071A37			
34	4818F32	5071A37	5071A37	4804F32	5071A37	5071A37			
32	4831F33	5071A37	5071A37	4817F32	5071A37	5071A37			
30	4843F33	5071A37	5071A37	4830F33	5071A37	5071A37			
20	4903F34	5071A36	5071A36	4893F34	5071A37	5071A37			
10	4966F35	5071A37	5071A37	4931F34	5071A37	5071A37			
0	5036F36	5071A36	5071A36	4990F35	5071A37	5071A37			
-10	5071A36	5071A36	5071A36	5053F36	5071A37	5071A37			
	High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4343F15	4633^25	4669D28	4335F15	4625^25	4661D28			
46	4418F16	4726F25	4782^29	4408F16	4716F25	4774^28			
44	4487F16	4800F26	4888^29	4474F16	4785F26	4879^29			
42	4552F17	4870F26	4979F29	4531F17	4846F26	4953F29			
40	4599F17	4918F27	5027F30	4589F17	4907F27	5016F30			
38	4641F17	4963F27	5071A30	4631F17	4951F27	5060F30			
36	4684F17	5005F27	5071A30	4675F17	4993F27	5071A30			
34	4714F18	5036F27	5071A31	4704F18	5024F27	5071A31			
32	4729F18	5052F28	5071A31	4718F18	5040F27	5071A31			
30	4742F18	5067F28	5071A32	4733F18	5056F28	5071A31			
20	4811F20	5071A30	5071A34	4802F20	5071A30	5071A34			
10	4879F22	5071A33	5071A36	4845F22	5071A32	5071A36			
0	4954F24	5071A35	5071A36	4915F24	5071A35	5071A37			
-10	5032F26	5071A36	5071A36	4989F26	5071A37	5071A37			
	High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4457F 6	4548F10	3730F 1	4162F 9	4295F12			
26		4469F 7	4561F10	3743F 1	4177F 9	4311F12			
24	2679F 3	4481F 7	4574F10	3756F 1	4193F10	4327F12			
22	2840F 3	4493F 7	4586F11	3768F 2	4208F10	4342F13			
20	2977F 3	4506F 8	4599F11	3781F 2	4225F10	4359F13			
18	3120F 3	4515F 8	4612F11	3793F 2	4239F10	4374F13			
16	3258F 3	4528F 8	4624F12	3805F 3	4252F11	4389F14			
14	3382F 2	4540F 9	4637F12	3817F 3	4268F11	4404F14			
12	3515F 2	4552F 9	4649F13	3834F 3	4284F11	4420F14			
10	3647F 2	4564F10	4662F13	3849F 4	4300F12	4436F15			
0	4311F 2	4633F12	4734F15	3927F 5	4386F13	4519F16			
-10	4415F 3	4700F14	4806F17	4013F 7	4465F15	4598^18			
-20	4474F 5	4772F16	4881F19	4124F 8	4532^17	4603^18			
-30	4535F 8	4845F18	4957F22	4212F10	4544^17	4593^18			
	High QNH **+90** per .10" Low QNH **-100** per .10"			High QNH **+70** per .10" Low QNH **-120** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-450** Wing A/I ON **-450**			Engine A/I ON **-520** Wing A/I ON **-520**			Engine A/I ON Wing A/I ON		

Elevation	88	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.05
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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PUERTO VALLARTA -PVR 04 *LT H230*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1023'		LT H230	1023'	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	87.6	4387^27	4536^30	4588^31
46	87.7	4478^28	4633^31	4686^32
44	87.6	4530^29	4687^32	4741^33
42	87.4	4546^29	4704^32	4758^33
40	87.1	4561^29	4718^32	4773^33
38	86.8	4568^29	4726^32	4780^33
36	86.6	4575^30	4732^32	4787^33
34	86.3	4582^30	4740^32	4795^33
32	86.0	4590^30	4748^33	4802^33
30	85.7	4597^30	4755^33	4810^34
20	84.3	4634^31	4793^33	4847^34
10	82.8	4665^31	4823^34	4878^35
0	81.3	4704^32	4862^34	4917^35
-10	79.8	4736^32	4894^35	4935^36
-20	78.3	4762^33	4887^35	4929^36
-30	76.7	4747^32	4877^35	4921^35

ALT TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4387D26	4536D31	4588D31	4724
4478D27	4633D32	4686D33	4843
4530D27	4687D33	4741D33	4900
4546D27	4704D33	4758D34	4947
4561D28	4718D33	4773D34	4959
4568D28	4726D33	4780D34	4961
4575D28	4732D33	4787D34	4962
4582D29	4740D33	4795D34	4964
4590D29	4748D34	4802D34	4966
4597D30	4755D34	4810D35	4968
4634D32	4793D34	4847D35	4976
4665D32	4823D35	4878D36	4973
4704D33	4862D35	4917D36	4984
4736D33	4894D35	4935D36	4988
4762D33	4887D35	4929D36	4985
4747D33	4877D35	4921D36	4983

High QNH **+10** per .10" — Engine A/I ON **-850**
Low QNH **-160** per .10" — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.8	4436^28	4582^30	4631^31
46	90.9	4531^29	4681^32	4733^33
44	90.8	4619^30	4773^33	4825^34
42	90.5	4699^31	4856^34	4911^35
40	90.2	4764^32	4926^35	4982^36
38	89.9	4823^33	4990^36	5046^37
36	89.7	4880^33	5051^36	5071A37
34	89.4	4913^34	5071A37	5071A37
32	89.1	4922^34	5071A37	5071A37
30	88.8	4931^34	5071A36	5071A36
20	87.3	4974^35	5071A36	5071A36
10	85.8	5008^35	5071A36	5071A36
0	84.2	5053^36	5071A36	5071A36
-10	82.7	5071A36	5071A36	5071A36
-20	81.1	5071A36	5071A36	5071A36
-30	79.5	5071A36	5071A36	5071A36

TO - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4436D28	4582D31	4631D32	4725
4531D28	4681D33	4733D34	4844
4619D29	4773D34	4825D35	4950
4699D29	4856D35	4911D36	5054
4764D29	4926D36	4982D37	5071
4823D30	4990D37	5046D37	5071
4880D30	5051D37	5071A37	5071
4913D30	5071A37	5071A37	5071
4922D30	5071A37	5071A37	5071
4931D31	5071A36	5071A36	5071
4974D33	5071A36	5071A36	5071
5008D35	5071A36	5071A36	5071
5053D36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4436^28-28-38	4582^30-30-40	4631^31-31-40	4682^32-32-41
46	90.9	4531^29-29-39	4681^32-32-41	4733^33-33-42	4785^33-33-43
44	90.8	4619^30-30-40	4773^33-33-42	4825^34-34-43	4880^35-35-44
42	90.5	4699^31-31-41	4856^34-34-44	4911^35-35-44	4966^36-36-45
40	90.2	4764^32-32-42	4926^35-35-45	4982^36-36-46	5039^37-37-46
38	89.9	4823^33-33-43	4990^36-36-46	5046^37-37-46	5071A37-37-47
36	89.7	4880^33-33-44	5051^36-36-47	5071A37-37-47	5071A37-37-47
34	89.4	4913^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	4922^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	4931^34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	4974^35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5008^35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5053^36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	23	Length	10187	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.12
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4436^28	4582^30	4631^31	4427^28	4572^30	4623^31			
46	4531^29	4681^32	4733^33	4521^29	4672^32	4723^32			
44	4619^30	4773^33	4825^34	4607^30	4760^33	4813^34			
42	4699^31	4856^34	4911^35	4681^31	4839^34	4894^35			
40	4764^32	4926^35	4982^36	4754^32	4916^35	4972^36			
38	4823^33	4990^36	5046^37	4813^33	4979^35	5037^36			
36	4880^33	5051^36	5071A37	4871^33	5042^36	5071A37			
34	4913^34	5071A37	5071A37	4902^34	5071A37	5071A37			
32	4922^34	5071A37	5071A37	4912^34	5071A37	5071A37			
30	4931^34	5071A36	5071A36	4921^34	5071A37	5071A37			
20	4974^35	5071A36	5071A36	4965^35	5071A36	5071A36			
10	5008^35	5071A36	5071A36	4963^35	5071A37	5071A37			
0	5053^36	5071A36	5071A36	4991^35	5071A37	5071A37			
-10	5071A36	5071A36	5071A36	5024^36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4436D28	4582D31	4631D32	4427D28	4572D31	4623D32			
46	4531D28	4681D33	4733D34	4521D28	4672D33	4723D33			
44	4619D29	4773D34	4825D35	4607D29	4760D34	4813D35			
42	4699D29	4856D35	4911D36	4681D29	4839D35	4894D36			
40	4764D29	4926D36	4982D37	4754D29	4916D36	4972D37			
38	4823D30	4990D37	5046D37	4813D29	4979D37	5037D37			
36	4880D30	5051D37	5071A37	4871D29	5042D37	5071A37			
34	4913D30	5071A37	5071A37	4902D30	5071A37	5071A37			
32	4922D30	5071A37	5071A37	4912D30	5071A37	5071A37			
30	4931D31	5071A36	5071A36	4921D30	5071A37	5071A37			
20	4974D33	5071A36	5071A36	4965D32	5071A36	5071A36			
10	5008D35	5071A36	5071A36	4963D35	5071A37	5071A37			
0	5053D36	5071A36	5071A36	4991D36	5071A37	5071A37			
-10	5071A36	5071A36	5071A36	5024D37	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4554^ 8	4769^18	4846^21	4315^11	4514^21	4591^24			
26	4564^ 8	4780^18	4857^22	4325^12	4525^21	4603^24			
24	4574^ 9	4791^19	4869^22	4336^12	4536^22	4615^25			
22	4585^ 9	4803^19	4881^22	4345^12	4547^22	4627^25			
20	4595^ 9	4814^19	4893^23	4355^13	4559^22	4639^25			
18	4605^10	4825^20	4905^23	4365^13	4570^23	4652^26			
16	4615^10	4837^20	4917^24	4375^14	4582^23	4664^26			
14	4624^10	4847^21	4928^24	4385^14	4592^23	4677^26			
12	4633^11	4857^21	4939^24	4392^14	4603^24	4688^27			
10	4642^11	4867^22	4949^25	4402^15	4615^24	4700^27			
0	4700^13	4930^24	5014^27	4454^17	4680^26	4771^29			
-10	4755^16	4992^26	5071A29	4502^19	4744^28	4841^31			
-20	4807^18	5050^28	5071A32	4552^21	4811^30	4915^33			
-30	4859^20	5071A31	5071A35	4604^23	4882^32	4991^35			
	High QNH +0 per .10" Low QNH -100 per .10"			High QNH +90 per .10" Low QNH -90 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -560 Wing A/I ON -560			Engine A/I ON -490 Wing A/I ON -490			Engine A/I ON Wing A/I ON		

Elevation 23 Length 10187 Shift **0** Clearway 0 Stopway 0 Slope +0.12

Rwy Rev. Program Rules FAA **26 Apr 19**

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PUERTO VALLARTA -PVR 22 *RT H270*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1023'		RT H270	1023'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4435^28	4593^31	4647^32
46	87.7	4525^29	4688^32	4743^33
44	87.6	4576^30	4742^33	4799^34
42	87.4	4593^30	4760^33	4817^34
40	87.1	4608^30	4775^33	4832^34
38	86.8	4615^30	4783^33	4840^34
36	86.6	4623^30	4790^33	4847^34
34	86.3	4631^31	4798^33	4856^34
32	86.0	4640^31	4807^34	4864^35
30	85.7	4648^31	4814^34	4872^35
20	84.3	4690^32	4856^34	4914^35
10	82.8	4724^32	4892^35	4934^36
0	81.3	4767^33	4900^35	4940^36
-10	79.8	4777^33	4897^35	4938^36
-20	78.3	4765^33	4890^35	4932^36
-30	76.7	4750^33	4880^35	4924^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4435D26	4593D32	4647D32	4724
4525D26	4688D33	4743D34	4843
4576D27	4742D34	4799D35	4900
4593D27	4760D34	4817D35	4947
4608D27	4775D34	4832D35	4959
4615D28	4783D34	4840D35	4961
4623D28	4790D34	4847D35	4962
4631D28	4798D35	4856D35	4964
4640D29	4807D35	4864D36	4966
4648D29	4814D35	4872D36	4968
4690D31	4856D35	4914D36	4976
4724D33	4892D35	4934D36	4973
4767D33	4900D35	4940D36	4984
4777D33	4897D35	4938D36	4988
4765D33	4890D35	4932D36	4985
4750D33	4880D35	4924D36	4983

High QNH **+10** per .10" — Engine A/I ON **-850**
Low QNH **-170** per .10" — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4490^29	4644^31	4682^32
46	90.9	4585^30	4743^33	4797^34
44	90.8	4671^31	4834^34	4890^35
42	90.5	4751^32	4918^35	4975^36
40	90.2	4814^33	4985^36	5044^37
38	89.9	4870^34	5046^37	5071A37
36	89.7	4926^34	5071A37	5071A37
34	89.4	4957^35	5071A37	5071A37
32	89.1	4968^35	5071A37	5071A37
30	88.8	4976^35	5071A36	5071A36
20	87.3	5023^36	5071A36	5071A36
10	85.8	5064^36	5071A36	5071A36
0	84.2	5071A36	5071A36	5071A36
-10	82.7	5071A36	5071A36	5071A36
-20	81.1	5071A36	5071A36	5071A36
-30	79.5	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4490D27	4644D32	4682D32	4725
4585D28	4743D33	4797D34	4844
4671D28	4834D35	4890D35	4950
4751D29	4918D36	4975D37	5054
4814D29	4985D37	5044D37	5071
4870D29	5046D37	5071A37	5071
4926D29	5071A37	5071A37	5071
4957D30	5071A37	5071A37	5071
4968D30	5071A37	5071A37	5071
4976D30	5071A36	5071A36	5071
5023D32	5071A36	5071A36	5071
5064D35	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071
5071A36	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4490^29-29-38	4644^31-31-41	4682^32-32-41	4715^33-33-42
46	90.9	4585^30-30-40	4743^33-33-42	4797^34-34-43	4831^34-34-43
44	90.8	4671^31-31-41	4834^34-34-43	4890^35-35-44	4938^36-36-45
42	90.5	4751^32-32-42	4918^35-35-45	4975^36-36-45	5033^37-37-46
40	90.2	4814^33-33-43	4985^36-36-46	5044^37-37-46	5071A37-37-47
38	89.9	4870^34-34-44	5046^37-37-46	5071A37-37-47	5071A37-37-47
36	89.7	4926^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	4957^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	4968^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	4976^35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	5023^36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5064^36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-170** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	23	Length	10187	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.12
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4490^29	4644^31	4682^32
46	4585^30	4743^33	4797^34
44	4671^31	4834^34	4890^35
42	4751^32	4918^35	4975^36
40	4814^33	4985^36	5044^37
38	4870^34	5046^37	5071A37
36	4926^34	5071A37	5071A37
34	4957^35	5071A37	5071A37
32	4968^35	5071A37	5071A37
30	4976^35	5071A36	5071A36
20	5023^36	5071A36	5071A36
10	5064^36	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4481^29	4635^31	4675^32
46	4575^30	4734^33	4790^34
44	4658^31	4821^34	4877^35
42	4731^32	4899^35	4955^36
40	4803^33	4975^36	5034^37
38	4860^33	5036^36	5071A37
36	4915^34	5071A37	5071A37
34	4946^34	5071A37	5071A37
32	4956^35	5071A37	5071A37
30	4967^35	5071A37	5071A37
20	5014^36	5071A36	5071A36
10	5019^36	5071A37	5071A37
0	5053^36	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4490D27	4644D32	4682D32
46	4585D28	4743D33	4797D34
44	4671D28	4834D35	4890D35
42	4751D29	4918D36	4975D37
40	4814D29	4985D37	5044D37
38	4870D29	5046D37	5071A37
36	4926D29	5071A37	5071A37
34	4957D30	5071A37	5071A37
32	4968D30	5071A37	5071A37
30	4976D30	5071A36	5071A36
20	5023D32	5071A36	5071A36
10	5064D35	5071A36	5071A36
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4481D27	4635D32	4675D32
46	4575D28	4734D33	4790D34
44	4658D28	4821D35	4877D35
42	4731D29	4899D36	4955D37
40	4803D29	4975D37	5034D37
38	4860D29	5036D37	5071A37
36	4915D29	5071A37	5071A37
34	4946D29	5071A37	5071A37
32	4956D30	5071A37	5071A37
30	4967D30	5071A37	5071A37
20	5014D32	5071A36	5071A36
10	5019D34	5071A37	5071A37
0	5053D37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4571^ 7	4785^17	4864^21
26	4582^ 7	4796^18	4875^21
24	4592^ 8	4808^18	4888^21
22	4602^ 8	4820^18	4900^22
20	4613^ 9	4832^19	4912^22
18	4623^ 9	4844^19	4925^22
16	4633^ 9	4856^20	4937^23
14	4642^10	4866^20	4949^23
12	4651^10	4877^20	4959^24
10	4660^11	4888^21	4971^24
0	4717^13	4953^23	5040^26
-10	4775^15	5017^25	5071A29
-20	4831^17	5071A28	5071A32
-30	4886^19	5071A30	5071A34

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-540**
Wing A/I ON **-540**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4319^11	4530^20	4605^23
26	4330^11	4542^21	4618^24
24	4341^12	4552^21	4629^24
22	4350^12	4563^22	4641^25
20	4361^12	4574^22	4653^25
18	4370^13	4585^22	4664^25
16	4381^13	4596^23	4676^26
14	4391^14	4607^23	4689^26
12	4400^14	4618^23	4699^26
10	4410^14	4629^24	4712^27
0	4466^16	4692^26	4783^29
-10	4515^18	4757^28	4854^31
-20	4567^20	4825^30	4928^33
-30	4620^22	4896^32	5007^35

High QNH **+90** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-500**
Wing A/I ON **-500**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	23	Length	10187	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.12
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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QUERETARO -QRO 09 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.0 QET	***7100'**	****RT QET**	**7296'**	**STD**

*USE ONLY IF QET DME OTS; **IF QET VOR OTS RT H270

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	88.9	4019^22	4101^24	4128^24	4019D22	4101D24	4128D24	4186
34	89.2	4097^23	4180^25	4207^25	4097D23	4180D25	4207D25	4265
32	89.4	4174^24	4258^26	4286^26	4174D25	4258D26	4286D27	4343
30	89.7	4254^26	4338^27	4367^28	4254D26	4338D27	4367D28	4424
28	89.8	4335^27	4420^28	4449^29	4335D27	4420D28	4449D29	4507
26	90.0	4416^28	4501^29	4530^30	4416D28	4501D30	4530D30	4591
24	90.1	4497^29	4583^31	4612^31	4497D29	4583D31	4612D31	4674
22	90.2	4552^30	4640^31	4669^32	4552D29	4640D32	4669D32	4732
20	90.4	4558^30	4646^32	4676^32	4558D30	4646D32	4676D32	4741
18	90.1	4560^30	4649^32	4679^32	4560D30	4649D32	4679D32	4742
16	89.8	4561^30	4651^32	4681^32	4561D30	4651D32	4681D32	4744
10	88.8	4562^30	4653^32	4683^32	4562D30	4653D32	4683D32	4748
0	87.2	4557^30	4651^32	4682^32	4557D30	4651D32	4682D32	4750
-10	85.6	4542^30	4639^31	4671^32	4542D30	4639D32	4671D32	4741
-20	84.0	4536^30	4635^31	4669^32	4536D30	4635D31	4669D32	4744
-30	82.3	4519^29	4622^31	4656^32	4519D29	4622D31	4656D32	4736

High QNH **+100** per .10" Engine A/I ON **-4320**
Low QNH **-170** per .10" Wing A/I ON **-4320**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	93.9	4030^22	4111^24	4138^24	4030D22	4111D24	4138D24	4187
34	93.9	4109^23	4191^25	4218^25	4109D24	4191D25	4218D26	4266
32	93.9	4187^25	4269^26	4297^27	4187D25	4269D26	4297D27	4345
30	93.9	4267^26	4350^27	4378^28	4267D26	4350D27	4378D28	4426
28	93.8	4348^27	4432^29	4460^29	4348D27	4432D29	4460D29	4509
26	93.7	4429^28	4514^30	4543^30	4429D28	4514D30	4543D30	4593
24	93.7	4511^29	4597^31	4626^31	4511D30	4597D31	4626D32	4676
22	93.6	4569^30	4656^32	4685^32	4569D30	4656D32	4685D32	4735
20	93.5	4578^30	4664^32	4693^32	4578D30	4664D32	4693D32	4743
18	93.3	4581^30	4668^32	4697^32	4581D31	4668D32	4697D33	4745
16	93.1	4582^30	4669^32	4699^32	4582D31	4669D32	4699D33	4746
10	92.2	4581^30	4670^32	4700^32	4581D30	4670D32	4700D33	4749
0	90.5	4576^30	4668^32	4698^32	4576D30	4668D32	4698D33	4751
-10	88.8	4561^30	4656^32	4688^32	4561D30	4656D32	4688D32	4743
-20	87.1	4554^30	4652^32	4685^32	4554D30	4652D32	4685D32	4746
-30	85.4	4537^30	4638^31	4672^32	4537D30	4638D32	4672D32	4738

High QNH **+100** per .10" Engine A/I ON **-4360**
Low QNH **-170** per .10" Wing A/I ON **-4360**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
36	93.9	4030^22-22-31	4111^24-24-33	4138^24-24-33	4165^25-25-34
34	93.9	4109^23-23-33	4191^25-25-34	4218^25-25-34	4245^26-26-35
32	93.9	4187^25-25-34	4269^26-26-35	4297^27-27-36	4324^27-27-36
30	93.9	4267^26-26-35	4350^27-27-36	4378^28-28-37	4406^28-28-37
28	93.8	4348^27-27-36	4432^29-29-38	4460^29-29-38	4489^30-30-38
26	93.7	4429^28-28-38	4514^30-30-39	4543^30-30-39	4571^31-31-40
24	93.7	4511^29-29-39	4597^31-31-40	4626^31-31-40	4654^32-32-41
22	93.6	4569^30-30-40	4656^32-32-41	4685^32-32-41	4713^33-33-42
20	93.5	4578^30-30-40	4664^32-32-41	4693^32-32-41	4722^33-33-42
18	93.3	4581^30-30-40	4668^32-32-41	4697^32-32-42	4726^33-33-42
16	93.1	4582^30-30-40	4669^32-32-41	4699^32-32-42	4728^33-33-42
10	92.2	4581^30-30-40	4670^32-32-41	4700^32-32-42	4730^33-33-42
0	90.5	4576^30-30-40	4668^32-32-41	4698^32-32-42	4729^33-33-42
-10	88.8	4561^30-30-40	4656^32-32-41	4688^32-32-41	4719^33-33-42
-20	87.1	4554^30-30-39	4652^32-32-41	4685^32-32-41	4718^33-33-42
-30	85.4	4537^30-30-39	4638^31-31-41	4672^32-32-41	4706^33-33-42

High QNH **+100** per .10" Engine A/I ON **-4360**
Low QNH **-170** per .10" Wing A/I ON **-4360**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6296 Length 11483 Shift **0** Clearway 0 Stopway 1148 Slope +0.28
Rwy Rev. Program Rules FAA **17 May 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4030^22	4111^24	4138^24
34	4109^23	4191^25	4218^25
32	4187^25	4269^26	4297^27
30	4267^26	4350^27	4378^28
28	4348^27	4432^29	4460^29
26	4429^28	4514^30	4543^30
24	4511^29	4597^31	4626^31
22	4569^30	4656^32	4685^32
20	4578^30	4664^32	4693^32
18	4581^30	4668^32	4697^32
16	4582^30	4669^32	4699^32
10	4581^30	4670^32	4700^32
0	4576^30	4668^32	4698^32
-10	4561^30	4656^32	4688^32

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4360**
Wing A/I ON **-4360**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4024^22	4105^24	4132^24
34	4102^23	4184^25	4212^25
32	4181^25	4264^26	4291^27
30	4261^26	4344^27	4372^28
28	4342^27	4426^28	4454^29
26	4419^28	4504^30	4533^30
24	4486^29	4572^31	4600^31
22	4549^30	4637^32	4666^32
20	4571^30	4658^32	4687^32
18	4574^30	4661^32	4690^32
16	4575^30	4663^32	4693^32
10	4145^24	4231^26	4260^26
0	4508^29	4600^31	4631^31
-10	4492^29	4586^31	4617^31

High QNH **+90** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-30**
Wing A/I ON **-30**

OAT °C	Flaps -10T	Flaps +0	Flaps +10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4030D22	4111D24	4138D24
34	4109D24	4191D25	4218D26
32	4187D25	4269D26	4297D27
30	4267D26	4350D27	4378D28
28	4348D27	4432D29	4460D29
26	4429D28	4514D30	4543D30
24	4511D30	4597D31	4626D32
22	4569D30	4656D32	4685D32
20	4578D30	4664D32	4693D32
18	4581D31	4668D32	4697D33
16	4582D31	4669D32	4699D33
10	4581D30	4670D32	4700D33
0	4576D30	4668D32	4698D33
-10	4561D30	4656D32	4688D32

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4360**
Wing A/I ON **-4360**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4024D22	4105D24	4132D24
34	4102D23	4184D25	4212D25
32	4181D25	4264D26	4291D27
30	4261D26	4344D27	4372D28
28	4342D27	4426D29	4454D29
26	4419D28	4504D30	4533D30
24	4486D29	4572D31	4600D31
22	4549D30	4637D32	4666D32
20	4571D30	4658D32	4687D32
18	4574D30	4661D32	4690D32
16	4575D30	4663D32	4693D32
10	4145D24	4231D26	4260D26
0	4508D29	4600D31	4631D32
-10	4492D29	4586D31	4617D31

High QNH **+90** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-30**
Wing A/I ON **-30**

OAT °C	Flaps -10T	Flaps +0	Flaps +10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	4143F 8	4361^17	4425^20
26	4203F 9	4427^17	4494^20
24	4266F 9	4494^18	4562^21
22	4319F10	4549^18	4618^21
20	4355F10	4583^19	4653^22
18	4372F11	4599^20	4661^23
16	4385F11	4609^20	4665^23
14	4397F12	4621^21	4667^24
12	4410F12	4631^21	4669^24
10	4421F12	4633^21	4670^25
0	4485F14	4638^24	4676^27
-10	4518^17	4635^27	4675^30
-20	4519^19	4640^29	4679^32
-30	4511^22	4633^31	4667^32

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4070**
Wing A/I ON **-4070**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3900F12	4127F19	4208F22
26	3961F12	4191F20	4272F22
24	4026F13	4257F20	4339F23
22	4082F14	4318F21	4402F24
20	4125F15	4366F22	4449F24
18	4142F15	4386F23	4472F25
16	4153F15	4400F23	4486F25
14	4165F16	4413F23	4500F26
12	4177F16	4426F24	4514F26
10	4189F16	4440F24	4528F26
0	4248F18	4508F26	4596^28
-10	4309F20	4577F28	4644^30
-20	4374F22	4611^30	4658^32
-30	4439F24	4611^31	4645^31

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2260**
Wing A/I ON **-2260**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	Flaps +0	Flaps +10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 6296 Length 11483 Shift **0** Clearway 0 Stopway 1148 Slope +0.28
Rwy Rev. Program Rules FAA **17 May 17**

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QUERETARO -QRO 27 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.0 QET	***7300'**	****LT QET**	**7296'**	**STD**

*USE ONLY IF QET DME OTS; **IF QET VOR OTS LT H080 NOTAMS A3587/20

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	88.9	4025^22	4107^24	4134^24
34	89.2	4103^23	4185^25	4213^25
32	89.4	4181^25	4262^26	4292^27
30	89.7	4261^26	4343^27	4372^28
28	89.8	4342^27	4427^28	4455^29
26	90.0	4423^28	4508^30	4537^30
24	90.1	4503^29	4590^31	4619^31
22	90.2	4560^30	4647^32	4676^32
20	90.4	4566^30	4653^32	4682^32
18	90.1	4568^30	4656^32	4686^32
16	89.8	4569^30	4658^32	4687^32
10	88.8	4569^30	4660^32	4690^32
0	87.2	4564^30	4657^32	4688^32
-10	85.6	4549^30	4645^31	4677^32
-20	84.0	4543^30	4642^31	4675^32
-30	82.3	4526^29	4628^31	4662^32

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
36	88.9	4025D22	4107D24	4134D24	4186
34	89.2	4103D23	4185D25	4213D25	4265
32	89.4	4181D25	4262D26	4292D27	4343
30	89.7	4261D26	4343D27	4372D28	4424
28	89.8	4342D27	4427D29	4455D29	4507
26	90.0	4423D28	4508D30	4537D30	4591
24	90.1	4503D29	4590D31	4619D31	4674
22	90.2	4560D29	4647D32	4676D32	4732
20	90.4	4566D30	4653D32	4682D32	4741
18	90.1	4568D30	4656D32	4686D32	4742
16	89.8	4569D30	4658D32	4687D32	4744
10	88.8	4569D30	4660D32	4690D32	4748
0	87.2	4564D30	4657D32	4688D32	4750
-10	85.6	4549D30	4645D32	4677D32	4741
-20	84.0	4543D30	4642D32	4675D32	4744
-30	82.3	4526D30	4628D31	4662D32	4736

High QNH **+100** per .10" — Engine A/I ON **-4340**
Low QNH **-170** per .10" — Wing A/I ON **-4340**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	93.9	4036^22	4116^24	4143^24
34	93.9	4114^24	4196^25	4223^26
32	93.9	4193^25	4275^26	4302^27
30	93.9	4273^26	4356^27	4383^28
28	93.8	4354^27	4438^29	4466^29
26	93.7	4436^28	4520^30	4548^30
24	93.7	4518^29	4603^31	4632^32
22	93.6	4576^30	4662^32	4691^32
20	93.5	4584^30	4670^32	4699^32
18	93.3	4587^30	4674^32	4703^32
16	93.1	4588^30	4675^32	4705^33
10	92.2	4587^30	4676^32	4706^33
0	90.5	4582^30	4674^32	4704^32
-10	88.8	4567^30	4662^32	4693^32
-20	87.1	4560^30	4658^32	4691^32
-30	85.4	4543^30	4644^31	4678^32

TO - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
36	93.9	4036D22	4116D24	4143D24	4187
34	93.9	4114D24	4196D25	4223D26	4266
32	93.9	4193D25	4275D26	4302D27	4345
30	93.9	4273D26	4356D28	4383D28	4426
28	93.8	4354D27	4438D29	4466D29	4509
26	93.7	4436D28	4520D30	4548D30	4593
24	93.7	4518D30	4603D31	4632D32	4676
22	93.6	4576D30	4662D32	4691D32	4735
20	93.5	4584D31	4670D32	4699D33	4743
18	93.3	4587D31	4674D32	4703D33	4745
16	93.1	4588D31	4675D32	4705D33	4746
10	92.2	4587D31	4676D32	4706D33	4749
0	90.5	4582D30	4674D32	4704D33	4751
-10	88.8	4567D30	4662D32	4693D32	4743
-20	87.1	4560D30	4658D32	4691D32	4746
-30	85.4	4543D30	4644D32	4678D32	4738

High QNH **+100** per .10" — Engine A/I ON **-4370**
Low QNH **-170** per .10" — Wing A/I ON **-4370**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
36	93.9	4036^22-22-32	4116^24-24-33	4143^24-24-33	4171^25-25-34
34	93.9	4114^24-24-33	4196^25-25-34	4223^26-26-34	4250^26-26-35
32	93.9	4193^25-25-34	4275^26-26-35	4302^27-27-36	4330^27-27-36
30	93.9	4273^26-26-35	4356^27-27-36	4383^28-28-37	4411^28-28-37
28	93.8	4354^27-27-36	4438^29-29-38	4466^29-29-38	4494^30-30-39
26	93.7	4436^28-28-38	4520^30-30-39	4548^30-30-39	4577^31-31-40
24	93.7	4518^29-29-39	4603^31-31-40	4632^32-32-41	4661^32-32-41
22	93.6	4576^30-30-40	4662^32-32-41	4691^32-32-41	4720^33-33-42
20	93.5	4584^30-30-40	4670^32-32-41	4699^32-32-42	4728^33-33-42
18	93.3	4587^30-30-40	4674^32-32-41	4703^32-32-42	4732^33-33-42
16	93.1	4588^30-30-40	4675^32-32-41	4705^33-33-42	4734^33-33-42
10	92.2	4587^30-30-40	4676^32-32-41	4706^33-33-42	4736^33-33-42
0	90.5	4582^30-30-40	4674^32-32-41	4704^32-32-42	4735^33-33-42
-10	88.8	4567^30-30-40	4662^32-32-41	4693^32-32-41	4725^33-33-42
-20	87.1	4560^30-30-40	4658^32-32-41	4691^32-32-41	4723^33-33-42
-30	85.4	4543^30-30-39	4644^31-31-41	4678^32-32-41	4711^33-33-42

High QNH **+100** per .10" — Engine A/I ON **-4370**
Low QNH **-170** per .10" — Wing A/I ON **-4370**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6296 Length 11483 Shift **0** Clearway 0 Stopway 1148 Slope -0.28
Rwy Rev. Program Rules FAA **02 Jul 20**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
36	4036^22	4116^24	4143^24	4029^22	4110^24	4137^24			
34	4114^24	4196^25	4223^26	4108^23	4190^25	4217^25			
32	4193^25	4275^26	4302^27	4187^25	4269^26	4297^27			
30	4273^26	4356^27	4383^28	4267^26	4350^27	4378^28			
28	4354^27	4438^29	4466^29	4348^27	4432^29	4460^29			
26	4436^28	4520^30	4548^30	4426^28	4509^30	4538^30			
24	4518^29	4603^31	4632^32	4492^29	4578^31	4606^31			
22	4576^30	4662^32	4691^32	4556^30	4643^32	4672^32			
20	4584^30	4670^32	4699^32	4578^30	4664^32	4693^32			
18	4587^30	4674^32	4703^32	4580^30	4667^32	4696^32			
16	4588^30	4675^32	4705^33	4582^30	4669^32	4698^32			
10	4587^30	4676^32	4706^33	4150^24	4237^26	4265^26			
0	4582^30	4674^32	4704^32	4514^29	4606^31	4636^32			
-10	4567^30	4662^32	4693^32	4498^29	4591^31	4623^31			
	High QNH +100 per .10" Low QNH -170 per .10"			High QNH +90 per .10" Low QNH -210 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -4370 Wing A/I ON -4370			Engine A/I ON -30 Wing A/I ON -30			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
36	4036D22	4116D24	4143D24	4029D22	4110D24	4137D24			
34	4114D24	4196D25	4223D26	4108D24	4190D25	4217D26			
32	4193D25	4275D26	4302D27	4187D25	4269D26	4297D27			
30	4273D26	4356D28	4383D28	4267D26	4350D27	4378D28			
28	4354D27	4438D29	4466D29	4348D27	4432D29	4460D29			
26	4436D28	4520D30	4548D30	4426D28	4509D30	4538D30			
24	4518D30	4603D31	4632D32	4492D29	4578D31	4606D31			
22	4576D30	4662D32	4691D32	4556D30	4643D32	4672D32			
20	4584D31	4670D32	4699D33	4578D30	4664D32	4693D32			
18	4587D31	4674D32	4703D33	4580D31	4667D32	4696D33			
16	4588D31	4675D32	4705D33	4582D31	4669D32	4698D33			
10	4587D31	4676D32	4706D33	4150D24	4237D26	4265D26			
0	4582D30	4674D32	4704D33	4514D30	4606D31	4636D32			
-10	4567D30	4662D32	4693D32	4498D29	4591D31	4623D31			
	High QNH +100 per .10" Low QNH -170 per .10"			High QNH +90 per .10" Low QNH -210 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -4370 Wing A/I ON -4370			Engine A/I ON -30 Wing A/I ON -30			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4191F 7	4385^16	4432^19	3942F11	4168F18	4239^21			
26	4252F 7	4451^16	4512^19	4004F11	4233F19	4305^21			
24	4315F 7	4517^16	4590^19	4069F12	4300F20	4374^22			
22	4368F 8	4572^17	4645^20	4124F12	4359F20	4434^23			
20	4403F 9	4606^18	4663^21	4166F13	4406F21	4478^24			
18	4415^ 9	4623^18	4668^21	4183F14	4423^22	4498^24			
16	4425^ 9	4636^19	4671^22	4197F14	4435^22	4511^25			
14	4436^10	4637^19	4673^22	4207F14	4447^22	4525^25			
12	4447^10	4638^20	4674^23	4221F15	4459^23	4537^25			
10	4457^11	4640^20	4676^23	4231F15	4471^23	4551^26			
0	4513^13	4644^23	4681^26	4291F17	4535^25	4619^27			
-10	4525^15	4640^25	4679^29	4351F19	4599^27	4652^30			
-20	4526^18	4643^28	4684^31	4415F21	4618^29	4666^32			
-30	4516^21	4638^31	4673^32	4481F23	4619^31	4653^32			
	High QNH +100 per .10" Low QNH -170 per .10"			High QNH +100 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -4120 Wing A/I ON -4120			Engine A/I ON -2540 Wing A/I ON -2540			Engine A/I ON Wing A/I ON		

Elevation	6296	Length	11483	Shift	**0**	Clearway	0	Stopway	1148	Slope	-0.28
Rwy Rev.		Program						Rules	FAA		**02 Jul 20**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1139'		**DT H137**	**1139'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	3805F16	4044F21	4112^22	3746F 1	4026F11	4111^14	4702
46	87.7	3870F17	4115F21	4191^23	3808F 2	4094F12	4185^15	4820
44	87.7	3912F17	4161F22	4240^24	3848F 2	4138F12	4232^15	4887
42	87.4	3931F18	4182F22	4261^24	3868F 2	4159F12	4254^16	4945
40	87.2	3949F18	4200F23	4280^24	3886F 3	4178F13	4272^16	4959
38	87.0	3959F18	4210F23	4288^24	3896F 3	4188F13	4283^16	4961
36	86.7	3969F18	4221F23	4297^25	3907F 3	4200F13	4293^17	4962
34	86.4	3979F18	4231F23	4306^25	3919F 4	4212F14	4304^17	4964
32	86.1	3990F19	4242F23	4315^25	3929F 4	4224F14	4315^17	4966
30	85.8	4001F19	4253F24	4325^25	3941F 4	4236F14	4325D18	4968
20	84.4	4055F20	4309F25	4371^26	3999F 6	4299F16	4371D20	4976
10	82.9	4103F21	4350^25	4415^27	4059F 8	4350D18	4415D22	4972
0	81.4	4158F22	4400^26	4464^27	4120F 9	4400D20	4464D23	4984
-10	79.9	4209F23	4446^27	4509^28	4179F11	4446D22	4509D25	4987
-20	78.4	4263F24	4491^28	4553^29	4241F13	4491D24	4553D28	4985
-30	76.8	4318F25	4535^29	4597^30	4304F15	4535D26	4597D30	4982

High QNH **+50** per .10" — Engine A/I ON **-490**
Low QNH **-140** per .10" — Wing A/I ON **-490**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	3889F17	4112^22	4170^23	3898^ 1	4004D11	4039D12	4704
46	90.9	3960F18	4191^23	4252^24	3994^ 1	4054D11	4138D13	4822
44	90.8	4025F19	4266^24	4328^25	4083^ 1	4054D12	4138D14	4927
42	90.6	4085F20	4335F25	4398^26	4171^ 1	4054D12	4138D15	5030
40	90.4	4123F21	4380F25	4453^27	4232F 2	4370D12	4408D16	5071
38	90.1	4158F21	4421F26	4504^27	4191F 2	4453D12	4493D16	5071
36	89.8	4191F21	4460F26	4547F28	4150F 3	4536D12	4577D16	5071
34	89.5	4212F21	4486F26	4574F28	4140F 3	4586D12	4627D16	5071
32	89.2	4225F22	4499F27	4588F28	4163F 3	4591D13	4633D16	5071
30	89.0	4236F22	4509F27	4600F28	4190F 4	4592D13	4633D17	5071
20	87.5	4294F23	4568F28	4655^29	4322F 5	4593D15	4635D19	5071
10	86.0	4352F24	4625F29	4702^30	4448^ 6	4578D17	4623D18	5071
0	84.4	4415F25	4690F30	4756^31	4449^ 8	4580D18	4626D18	5071
-10	82.9	4469F26	4738^31	4807^32	4441D10	4574D18	4620D18	5071
-20	81.3	4525F27	4787^32	4857^33	4426D13	4562D18	4610D18	5071
-30	79.7	4583F28	4836^33	4905^34	4415D15	4548D17	4598D18	5071

High QNH **+80** per .10" — Engine A/I ON **-500**
Low QNH **-150** per .10" — Wing A/I ON **-500**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	3889F17-17-29	4112^22-22-33	4170^23-23-34	4227^24-24-34
46	90.9	3960F18-18-30	4191^23-23-34	4252^24-24-35	4311^25-25-36
44	90.8	4025F19-19-31	4266^24-24-35	4328^25-25-36	4388^26-26-37
42	90.6	4085F20-20-32	4335F25-25-36	4398^26-26-37	4460^27-27-38
40	90.4	4123F21-21-33	4380F25-25-37	4453^27-27-38	4517^28-28-39
38	90.1	4158F21-21-33	4421F26-26-37	4504^27-27-39	4569^28-28-40
36	89.8	4191F21-21-34	4460F26-26-38	4547F28-28-39	4618^29-29-40
34	89.5	4212F21-21-34	4486F26-26-38	4574F28-28-40	4650^29-29-41
32	89.2	4225F22-22-34	4499F27-27-39	4588F28-28-40	4663^30-30-41
30	89.0	4236F22-22-35	4509F27-27-39	4600F28-28-40	4673^30-30-41
20	87.5	4294F23-23-35	4568F28-28-40	4655^29-29-41	4724^31-31-42
10	86.0	4352F24-24-36	4625F29-29-40	4702^30-30-41	4770^31-31-42
0	84.4	4415F25-25-37	4690F30-30-41	4756^31-31-42	4824^32-32-43
-10	82.9	4469F26-26-38	4738^31-31-42	4807^32-32-43	4875^33-33-44
-20	81.3	4525F27-27-39	4787^32-32-43	4857^33-33-44	4923^34-34-45
-30	79.7	4583F28-28-40	4836^33-33-43	4905^34-34-44	4971^35-35-45

High QNH **+80** per .10" — Engine A/I ON **-500**
Low QNH **-150** per .10" — Wing A/I ON **-500**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	139	Length	6214	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**27 Sep 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3889F17	4112^22	4170^23	3880F17	4103^22	4162^23			
46	3960F18	4191^23	4252^24	3950F18	4182^23	4243^24			
44	4025F19	4266^24	4328^25	4010F19	4255F24	4315^25			
42	4085F20	4335F25	4398^26	4061F20	4312F24	4379^26			
40	4123F21	4380F25	4453^27	4112F20	4369F25	4443^27			
38	4158F21	4421F26	4504^27	4145F21	4408F26	4493^27			
36	4191F21	4460F26	4547F28	4179F21	4448F26	4535F28			
34	4212F21	4486F26	4574F28	4202F21	4474F26	4562F28			
32	4225F22	4499F27	4588F28	4213F21	4487F26	4575F28			
30	4236F22	4509F27	4600F28	4225F22	4500F27	4589F28			
20	4294F23	4568F28	4655^29	4283F23	4557F28	4646^29			
10	4352F24	4625F29	4702^30	4320F24	4590F29	4661^30			
0	4415F25	4690F30	4756^31	4376F25	4638^29	4706^31			
-10	4469F26	4738^31	4807^32	4429F26	4686^30	4754^31			
	High QNH +80 per .10"			High QNH +80 per .10"			High QNH per .10"		
	Low QNH -150 per .10"			Low QNH -150 per .10"			Low QNH per .10"		
	Engine A/I ON -500			Engine A/I ON -50			Engine A/I ON		
	Wing A/I ON -500			Wing A/I ON -50			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3898^ 1	4004D11	4039D12	3892^ 0	3998D11	4032D12			
46	3994^ 1	4054D11	4138D13	3987^ 1	4048D11	4132D13			
44	4083^ 1	4054D12	4138D14	4076^ 1	4048D12	4132D14			
42	4171^ 1	4054D12	4138D15	4163^ 1	4048D12	4132D15			
40	4232F 2	4370D12	4408D16	4221F 1	4364D12	4401D16			
38	4191F 2	4453D12	4493D16	4181F 2	4446D12	4486D16			
36	4150F 3	4536D12	4577D16	4142F 3	4519D12	4560D16			
34	4140F 3	4586D12	4627D16	4133F 3	4553D12	4594D16			
32	4163F 3	4591D13	4633D16	4155F 3	4580D13	4621D16			
30	4190F 4	4592D13	4633D17	4183F 4	4586D13	4627D16			
20	4322F 5	4593D15	4635D19	4314F 5	4582D15	4629D18			
10	4448^ 6	4578D17	4623D18	4376^ 6	4501D17	4545D18			
0	4449^ 8	4580D18	4626D18	4378^ 8	4503D17	4548D18			
-10	4441D10	4574D18	4620D18	4378D10	4507D17	4553D18			
	High QNH +80 per .10"			High QNH +60 per .10"			High QNH per .10"		
	Low QNH -160 per .10"			Low QNH -150 per .10"			Low QNH per .10"		
	Engine A/I ON -750			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON -750			Wing A/I ON +0			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		3222F95	3642F97		2931F 1	3712F 1			
26		3267F95	3675F98		3000F 1	3723F 1			
24		3303F96	3711F98		3067F 1	3735F 1			
22		3347F96	3745F98		3142F 1	3746F 2			
20		3384F96	3776F98		3217F 1	3758F 2			
18		3426F96	3815F99		3288F 1	3769F 2			
16		3465F97	3851F99		3376F 1	3781F 3			
14		3505F97	3887F99		3456F 1	3793F 3			
12		3549F97	3921F 0		3538F 1	3805F 3			
10		3600F97	3955F 0		3630F 1	3817F 4			
0		3850F99	4135F 1		3774F 2	3885F 6			
-10		3917F 1	4183F 3		3838F 4	3951F 7			
-20		4085F 3	4371F 5		3905F 6	4020F 9			
-30		4259F 4	4571F 7		3973F 8	4092F11			
	High QNH +80 per .10"			High QNH +90 per .10"			High QNH per .10"		
	Low QNH -200 per .10"			Low QNH -200 per .10"			Low QNH per .10"		
	Engine A/I ON -100			Engine A/I ON -380			Engine A/I ON		
	Wing A/I ON -100			Wing A/I ON -380			Wing A/I ON		

Elevation 139 Length 6214 Shift **0** Clearway 0 Stopway 0 Slope +0.00

Rwy Rev. Program Rules FAA **27 Sep 17**

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REYNOSA **-REX** **31** ***LT H280***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1139'		**LT H280**	**1139'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	3805F16	4044F21	4103^22	3746F 1	4026F11	4102^15	4702
46	87.7	3870F17	4115F21	4184^23	3808F 2	4094F12	4180^15	4820
44	87.7	3912F17	4161F22	4235^24	3848F 2	4138F12	4228^15	4887
42	87.4	3931F18	4182F22	4257^24	3868F 2	4159F12	4250^16	4945
40	87.2	3949F18	4200F23	4274^24	3886F 3	4178F13	4268^16	4959
38	87.0	3959F18	4210F23	4282^24	3896F 3	4188F13	4278^16	4961
36	86.7	3969F18	4221F23	4290^24	3907F 3	4200F13	4287^17	4962
34	86.4	3979F18	4231F23	4297^25	3919F 4	4212F14	4296^17	4964
32	86.1	3990F19	4242F23	4306^25	3929F 4	4224F14	4306D18	4966
30	85.8	4001F19	4253F24	4314^25	3941F 4	4236F14	4314D18	4968
20	84.4	4055F20	4304^25	4355^26	3999F 6	4297^16	4355D20	4976
10	82.9	4103F21	4341^25	4392^26	4059F 8	4341D18	4392D22	4972
0	81.4	4158F22	4385^26	4441^27	4120F 9	4385D20	4441D24	4984
-10	79.9	4209F23	4426^27	4486^28	4179F11	4426D22	4486D26	4987
-20	78.4	4263F24	4471^28	4532^29	4241F13	4471D24	4532D28	4985
-30	76.8	4318F25	4513^28	4574^29	4304F15	4513D26	4574D30	4982

High QNH **+50** per .10" Engine A/I ON **-500**
Low QNH **-140** per .10" Wing A/I ON **-500**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	3889F17	4102^22	4148^23	3898^ 1	4004D11	4039D12	4704
46	90.9	3960F18	4185^23	4233^24	3994^ 1	4054D11	4138D13	4822
44	90.8	4025F19	4262^24	4311^25	4083^ 1	4054D12	4138D14	4927
42	90.6	4085F20	4335F25	4383^26	4171^ 1	4054D12	4138D15	5030
40	90.4	4123F21	4380F25	4444^27	4232F 2	4370D12	4408D16	5071
38	90.1	4158F21	4421F26	4499^27	4191F 2	4453D12	4493D16	5071
36	89.8	4191F21	4460F26	4547F28	4150F 3	4536D12	4577D16	5071
34	89.5	4212F21	4486F26	4574F28	4140F 3	4586D12	4627D16	5071
32	89.2	4225F22	4499F27	4588F28	4163F 3	4591D13	4633D16	5071
30	89.0	4236F22	4509F27	4600F28	4190F 4	4592D13	4633D17	5071
20	87.5	4294F23	4568F28	4650^29	4322F 5	4593D15	4635D19	5071
10	86.0	4352F24	4625F29	4689^30	4448^ 6	4578D17	4623D18	5071
0	84.4	4415F25	4683^30	4738^31	4449^ 8	4580D18	4626D18	5071
-10	82.9	4469F26	4727^31	4783^32	4441D10	4574D18	4620D18	5071
-20	81.3	4525F27	4770^31	4830^32	4426D13	4562D18	4610D18	5071
-30	79.7	4583F28	4814^32	4880^33	4415D15	4548D17	4598D18	5071

High QNH **+80** per .10" Engine A/I ON **-540**
Low QNH **-150** per .10" Wing A/I ON **-540**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	3889F17-17-29	4102^22-22-33	4148^23-23-33	4197^23-23-34
46	90.9	3960F18-18-30	4185^23-23-34	4233^24-24-35	4278^25-25-35
44	90.8	4025F19-19-31	4262^24-24-35	4311^25-25-36	4358^26-26-36
42	90.6	4085F20-20-32	4335F25-25-36	4383^26-26-37	4432^27-27-38
40	90.4	4123F21-21-33	4380F25-25-37	4444^27-27-38	4494^27-27-38
38	90.1	4158F21-21-33	4421F26-26-37	4499^27-27-39	4551^28-28-39
36	89.8	4191F21-21-34	4460F26-26-38	4547F28-28-39	4606^29-29-40
34	89.5	4212F21-21-34	4486F26-26-38	4574F28-28-40	4640^29-29-41
32	89.2	4225F22-22-34	4499F27-27-39	4588F28-28-40	4651^29-29-41
30	89.0	4236F22-22-35	4509F27-27-39	4600F28-28-40	4661^30-30-41
20	87.5	4294F23-23-35	4568F28-28-40	4650^29-29-41	4705^30-30-42
10	86.0	4352F24-24-36	4625F29-29-40	4689^30-30-41	4743^31-31-42
0	84.4	4415F25-25-37	4683^30-30-41	4738^31-31-42	4792^32-32-43
-10	82.9	4469F26-26-38	4727^31-31-42	4783^32-32-43	4847^33-33-44
-20	81.3	4525F27-27-39	4770^31-31-42	4830^32-32-43	4897^34-34-44
-30	79.7	4583F28-28-40	4814^32-32-43	4880^33-33-44	4948^34-34-45

High QNH **+80** per .10" Engine A/I ON **-540**
Low QNH **-150** per .10" Wing A/I ON **-540**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	139	Length	6214	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**27 Sep 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3889F17	4102^22	4148^23	3880F17	4095^22	4141^22			
46	3960F18	4185^23	4233^24	3950F18	4177^23	4225^24			
44	4025F19	4262^24	4311^25	4010F19	4251^24	4300^25			
42	4085F20	4335F25	4383^26	4061F20	4312F24	4367^25			
40	4123F21	4380F25	4444^27	4112F20	4369F25	4435^26			
38	4158F21	4421F26	4499^27	4145F21	4408F26	4490^27			
36	4191F21	4460F26	4547F28	4179F21	4448F26	4535F28			
34	4212F21	4486F26	4574F28	4202F21	4474F26	4562F28			
32	4225F22	4499F27	4588F28	4213F21	4487F26	4575F28			
30	4236F22	4509F27	4600F28	4225F22	4500F27	4589F28			
20	4294F23	4568F28	4650^29	4283F23	4557F28	4642^29			
10	4352F24	4625F29	4689^30	4320F24	4590F29	4648^30			
0	4415F25	4683^30	4738^31	4376F25	4630^29	4684^30			
-10	4469F26	4727^31	4783^32	4429F26	4672^30	4727^31			
	High QNH +80 per .10"			High QNH +80 per .10"			High QNH per .10"		
	Low QNH -150 per .10"			Low QNH -150 per .10"			Low QNH per .10"		
	Engine A/I ON -540			Engine A/I ON -50			Engine A/I ON		
	Wing A/I ON -540			Wing A/I ON -50			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3898^ 1	4004D11	4039D12	3892^ 0	3998D11	4032D12			
46	3994^ 1	4054D11	4138D13	3987^ 1	4048D11	4132D13			
44	4083^ 1	4054D12	4138D14	4076^ 1	4048D12	4132D14			
42	4171^ 1	4054D12	4138D15	4159^ 1	4048D12	4132D15			
40	4232F 2	4370D12	4408D16	4221F 1	4364D12	4401D16			
38	4191F 2	4453D12	4493D16	4181F 2	4446D12	4486D16			
36	4150F 3	4536D12	4577D16	4142F 3	4519D12	4560D16			
34	4140F 3	4586D12	4627D16	4133F 3	4553D12	4594D16			
32	4163F 3	4591D13	4633D16	4155F 3	4580D13	4621D16			
30	4190F 4	4592D13	4633D17	4183F 4	4586D13	4627D16			
20	4322F 5	4593D15	4635D19	4314F 5	4582D15	4629D18			
10	4448^ 6	4578D17	4623D18	4376^ 6	4501D17	4545D18			
0	4449^ 8	4580D18	4626D18	4378^ 8	4503D17	4548D18			
-10	4441D10	4574D18	4620D18	4378D10	4507D17	4553D18			
	High QNH +80 per .10"			High QNH +60 per .10"			High QNH per .10"		
	Low QNH -160 per .10"			Low QNH -150 per .10"			Low QNH per .10"		
	Engine A/I ON -750			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON -750			Wing A/I ON +0			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		3222F95	3642F97		2931F 1	3712F 1			
26		3267F95	3675F98		3000F 1	3723F 1			
24		3303F96	3711F98		3067F 1	3735F 1			
22		3347F96	3745F98		3142F 1	3746F 2			
20		3384F96	3776F98		3217F 1	3758F 2			
18		3426F96	3815F99		3288F 1	3769F 2			
16		3465F97	3851F99		3376F 1	3781F 3			
14		3505F97	3887F99		3456F 1	3793F 3			
12		3549F97	3921F 0		3538F 1	3805F 3			
10		3600F97	3955F 0		3630F 1	3817F 4			
0		3850F99	4135F 1		3774F 2	3885F 6			
-10		3917F 1	4183F 3		3838F 4	3951F 7			
-20		4085F 3	4371F 5		3905F 6	4020F 9			
-30		4259F 4	4571F 7		3973F 8	4092F11			
	High QNH +80 per .10"			High QNH +90 per .10"			High QNH per .10"		
	Low QNH -200 per .10"			Low QNH -200 per .10"			Low QNH per .10"		
	Engine A/I ON -100			Engine A/I ON -380			Engine A/I ON		
	Wing A/I ON -100			Wing A/I ON -380			Wing A/I ON		

Elevation 139 Length 6214 Shift **0** Clearway 0 Stopway 0 Slope +0.00

Rwy Rev. Program Rules FAA **27 Sep 17**

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SALTILLO **-SLW** **17** ***SPECIAL***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D5.5 SLW	**D5.7 ISLW**	**RT H010**	**5778'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
40	88.5	4042F22	4195^25	4224^25
38	88.8	4103F23	4278^26	4308^27
36	89.1	4165F24	4361^27	4390^28
34	89.5	4224F25	4438^28	4468^29
32	89.8	4281F25	4510F30	4544^30
30	90.1	4337F26	4568F30	4628^31
28	90.0	4391F27	4624F31	4706F32
26	89.8	4441F28	4676F32	4759F33
24	89.7	4473F28	4709F32	4792F34
22	89.6	4486F28	4724F32	4808F34
20	89.4	4499F28	4739F33	4823F34
18	89.1	4511F29	4751F33	4830^34
10	87.9	4557F29	4801^34	4834^34
0	86.4	4611F30	4792^34	4826^34
-10	84.8	4671F31	4788^33	4823^34
-20	83.2	4674^31	4781^33	4817^34

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4002F15	4195D23	4224D26	4295
4059F15	4278D24	4308D27	4380
4117F16	4361^24	4390D27	4464
4173F16	4437^25	4468D28	4542
4225F17	4499F25	4544D28	4619
4279F17	4555F26	4628D28	4700
4330F18	4609F26	4706D29	4789
4378F18	4659F27	4757F29	4879
4409F19	4692F27	4789F30	4903
4424F19	4708F28	4806F30	4907
4438F20	4724F28	4823F30	4909
4451F20	4739F28	4830^31	4911
4504F21	4796F30	4834D33	4915
4567F23	4792D32	4826D34	4908
4637F25	4788D34	4823D34	4911
4673^27	4781D33	4817D34	4910

High QNH **+60** per .10" — Engine A/I ON **-2710**
Low QNH **-170** per .10" — Wing A/I ON **-2710**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
40	93.6	4122^24	4208^25	4236^26
38	93.6	4197F25	4292^26	4320^27
36	93.6	4260F26	4374^28	4403^28
34	93.6	4320F26	4452^29	4481^29
32	93.6	4376F27	4530^30	4559^30
30	93.6	4434F28	4613^31	4644^32
28	93.6	4496F29	4700^32	4731^33
26	93.6	4556F29	4781^33	4812^34
24	93.4	4600F30	4815^34	4846^34
22	93.1	4638F31	4819^34	4850^34
20	92.8	4650F31	4820^34	4851^34
18	92.4	4662F31	4820^34	4852^34
10	91.2	4711F32	4824^34	4856^35
0	89.6	4716^32	4814^34	4847^34
-10	87.9	4708^32	4809^34	4843^34
-20	86.2	4697^32	4803^34	4838^34

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4076F16	4208D25	4236D26	4296
4134F17	4292D26	4320D27	4381
4192F17	4374D26	4403D28	4466
4247F18	4452D27	4481D29	4544
4301F18	4530D27	4559D30	4622
4355F19	4612^28	4644D31	4703
4414F19	4698^28	4731D31	4792
4469F20	4761F28	4812D31	4882
4510F21	4806F29	4846D32	4906
4543F21	4817^30	4850D33	4909
4556F22	4819^30	4851D34	4910
4570F22	4820D31	4852D34	4912
4627F23	4824D33	4856D35	4918
4694F25	4814D34	4847D35	4910
4705^28	4809D34	4843D34	4913
4697D30	4803D34	4838D34	4913

High QNH **+90** per .10" — Engine A/I ON **-2760**
Low QNH **-170** per .10" — Wing A/I ON **-2760**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
40	93.6	4122^24-24-33	4208^25-25-34	4236^26-26-35	4264^26-26-35
38	93.6	4197F25-25-34	4292^26-26-35	4320^27-27-36	4349^27-27-36
36	93.6	4260F26-26-35	4374^28-28-37	4403^28-28-37	4432^29-29-38
34	93.6	4320F26-26-36	4452^29-29-38	4481^29-29-38	4510^30-30-39
32	93.6	4376F27-27-37	4530^30-30-39	4559^30-30-39	4589^31-31-40
30	93.6	4434F28-28-38	4613^31-31-40	4644^32-32-41	4673^32-32-41
28	93.6	4496F29-29-39	4700^32-32-42	4731^33-33-42	4760^33-33-42
26	93.6	4556F29-29-39	4781^33-33-43	4812^34-34-43	4841^34-34-44
24	93.4	4600F30-30-40	4815^34-34-43	4846^34-34-44	4876^35-35-44
22	93.1	4638F31-31-41	4819^34-34-43	4850^34-34-44	4881^35-35-44
20	92.8	4650F31-31-41	4820^34-34-43	4851^34-34-44	4882^35-35-44
18	92.4	4662F31-31-41	4820^34-34-43	4852^34-34-44	4883^35-35-44
10	91.2	4711F32-32-42	4824^34-34-43	4856^35-35-44	4888^35-35-44
0	89.6	4716^32-32-42	4814^34-34-43	4847^34-34-44	4881^35-35-44
-10	87.9	4708^32-32-42	4809^34-34-43	4843^34-34-44	4878^35-35-44
-20	86.2	4697^32-32-42	4803^34-34-43	4838^34-34-44	4873^35-35-44

High QNH **+90** per .10" — Engine A/I ON **-2760**
Low QNH **-170** per .10" — Wing A/I ON **-2760**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 4778 Length 9711 Shift **0** Clearway 0 Stopway 0 Slope +1.36
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
40	4122^24	4208^25	4236^26
38	4197F25	4292^26	4320^27
36	4260F26	4374^28	4403^28
34	4320F26	4452^29	4481^29
32	4376F27	4530^30	4559^30
30	4434F28	4613^31	4644^32
28	4496F29	4700^32	4731^33
26	4556F29	4781^33	4812^34
24	4600F30	4815^34	4846^34
22	4638F31	4819^34	4850^34
20	4650F31	4820^34	4851^34
18	4662F31	4820^34	4852^34
10	4711F32	4824^34	4856^35
0	4716^32	4814^34	4847^34

High QNH **+90** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2760**
Wing A/I ON **-2760**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
40	4115^23	4201^25	4229^26
38	4184F24	4285^26	4313^27
36	4246F25	4367^28	4396^28
34	4307F26	4446^29	4474^29
32	4362F27	4523^30	4553^30
30	4420F28	4606^31	4637^32
28	4480F28	4693^32	4723^33
26	4539F29	4763^33	4793^34
24	4582F30	4789^33	4820^34
22	4609F30	4809^34	4840^34
20	4637F31	4814^34	4845^34
18	4649F31	4815^34	4846^34
10	4449^28	4544^30	4576^31
0	4655^31	4754^33	4787^34

High QNH **+90** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-110**
Wing A/I ON **-110**

OAT °C	Flaps -10T	Flaps +0	Flaps +10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
40	4076F16	4208D25	4236D26
38	4134F17	4292D26	4320D27
36	4192F17	4374D26	4403D28
34	4247F18	4452D27	4481D29
32	4301F18	4530D27	4559D30
30	4355F19	4612^28	4644D31
28	4414F19	4698^28	4731D31
26	4469F20	4761F28	4812D31
24	4510F21	4806F29	4846D32
22	4543F21	4817^30	4850D33
20	4556F22	4819^30	4851D34
18	4570F22	4820D31	4852D34
10	4627F23	4824D33	4856D35
0	4694F25	4814D34	4847D35

High QNH **+90** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-2760**
Wing A/I ON **-2760**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
40	4066F16	4201D25	4229D26
38	4124F17	4285D26	4313D27
36	4182F17	4367D26	4396D28
34	4238F18	4446D27	4474D29
32	4290F18	4523D27	4553D30
30	4344F19	4605^27	4637D30
28	4400F19	4690F28	4723D31
26	4455F20	4747F28	4793D31
24	4496F20	4786^29	4820D32
22	4521F21	4806^30	4840D33
20	4547F22	4812^30	4845D33
18	4561F22	4815^31	4846D34
10	4448^24	4544D30	4576D31
0	4649^25	4754D33	4787D34

High QNH **+90** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-110**
Wing A/I ON **-110**

OAT °C	Flaps -10T	Flaps +0	Flaps +10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3890F 1	4120F10	4196F13
26	3946F 1	4177F10	4254F13
24	3980F 2	4215F11	4294F14
22	4004F 2	4241F11	4323F14
20	4015F 3	4253F12	4335F15
18	4027F 3	4265F12	4348F15
16	4038F 3	4278F12	4361F15
14	4049F 4	4290F13	4374F16
12	4061F 4	4302F13	4386F16
10	4072F 5	4315F14	4399F17
0	4123F 6	4372F16	4460F19
-10	4183F 8	4439F18	4528F21
-20	4243F10	4507F20	4601F23
-30	4302F12	4575F22	4675F25

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1260**
Wing A/I ON **-1260**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3637F 4	3828F13	3900F15
26	3694F 5	3887F13	3959F16
24	3733F 5	3930F14	4003F17
22	3763F 6	3965F15	4040F17
20	3773F 6	3976F15	4051F18
18	3782F 7	3986F15	4063F18
16	3791F 7	3998F16	4074F18
14	3802F 7	4009F16	4088F19
12	3811F 8	4021F16	4098F19
10	3820F 8	4032F17	4110F19
0	3864F10	4085F18	4169F21
-10	3913F12	4146F20	4235F23
-20	3964F14	4211F22	4296F25
-30	4016F16	4278F24	4393F26

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1080**
Wing A/I ON **-1080**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	Flaps +0	Flaps +10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 4778 Length 9711 Shift **0** Clearway 0 Stopway 0 Slope +1.36
Rwy Rev. Program Rules FAA **26 Oct 17**

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SALTILLO -SLW 35 *DT H355*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		5778'		**DT H355**	**5778'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
40	88.5	4139^24	4224^25	4252^26
38	88.8	4222^25	4308^27	4337^27
36	89.1	4304^26	4391^28	4420^28
34	89.5	4381^27	4469^29	4498^30
32	89.8	4458^29	4547^30	4576^31
30	90.1	4541^30	4630^31	4660^32
28	90.0	4626^31	4717^33	4747^33
26	89.8	4706^32	4797^34	4828^34
24	89.7	4737^33	4829^34	4860^35
22	89.6	4738^33	4831^34	4862^35
20	89.4	4739^33	4832^34	4863^35
18	89.1	4740^33	4833^34	4865^35
10	87.9	4739^33	4835^34	4867^35
0	86.4	4727^32	4826^34	4860^35
-10	84.8	4720^32	4821^34	4856^35
-20	83.2	4709^32	4814^34	4850^34

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4134^13	4224D23	4252D26	4295
4217^13	4308D24	4337D27	4380
4298^14	4391D24	4420D27	4464
4374^14	4469D24	4498D28	4542
4449^15	4547^25	4576D28	4619
4531^15	4630^25	4660D29	4700
4615^15	4715^25	4747D29	4789
4677F16	4794^26	4827^29	4879
4711F16	4827^26	4860D30	4903
4726F16	4828^27	4862D30	4907
4728^17	4830^27	4863D31	4909
4728^17	4832^28	4865D31	4911
4731^19	4835D30	4867D33	4915
4721^21	4826D32	4860D35	4908
4717^24	4821D34	4856D35	4911
4709D26	4814D34	4850D35	4910

High QNH **+70** per .10" — Low QNH **-170** per .10"
Engine A/I ON **-2760** — Wing A/I ON **-2760**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
40	93.6	4149^24	4234^26	4261^26
38	93.6	4233^25	4318^27	4346^27
36	93.6	4316^27	4402^28	4430^29
34	93.6	4394^28	4480^29	4509^30
32	93.6	4471^29	4558^30	4587^31
30	93.6	4555^30	4642^32	4672^32
28	93.6	4641^31	4730^33	4760^33
26	93.6	4722^32	4812^34	4842^34
24	93.4	4755^33	4846^34	4876^35
22	93.1	4758^33	4849^34	4880^35
20	92.8	4758^33	4850^34	4880^35
18	92.4	4758^33	4851^34	4881^35
10	91.2	4759^33	4853^34	4885^35
0	89.6	4746^33	4844^34	4877^35
-10	87.9	4738^33	4838^34	4872^35
-20	86.2	4727^32	4831^34	4866^35

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4145^14	4234D25	4261D26	4296
4227^15	4318D25	4346D28	4381
4309^15	4402D26	4430D29	4466
4386^16	4480D26	4509D29	4544
4462^16	4558D26	4587D30	4622
4544^16	4642D27	4672D30	4703
4630^17	4729^27	4760D31	4792
4710^17	4810^27	4842D31	4882
4742^18	4844^28	4876D32	4906
4746^18	4848^29	4880D32	4909
4747^19	4850^29	4880D33	4910
4748^19	4851^30	4881D33	4912
4750^21	4853D32	4885D35	4918
4742^24	4844D34	4877D35	4910
4737^26	4838D34	4872D35	4913
4727D29	4831D34	4866D35	4913

High QNH **+90** per .10" — Low QNH **-180** per .10"
Engine A/I ON **-2800** — Wing A/I ON **-2800**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
40	93.6	4149^24-24-33	4234^26-26-35	4261^26-26-35	4289^27-27-35
38	93.6	4233^25-25-35	4318^27-27-36	4346^27-27-36	4374^28-28-37
36	93.6	4316^27-27-36	4402^28-28-37	4430^29-29-38	4458^29-29-38
34	93.6	4394^28-28-37	4480^29-29-38	4509^30-30-39	4538^30-30-39
32	93.6	4471^29-29-38	4558^30-30-39	4587^31-31-40	4617^31-31-40
30	93.6	4555^30-30-39	4642^32-32-41	4672^32-32-41	4702^33-33-42
28	93.6	4641^31-31-41	4730^33-33-42	4760^33-33-42	4790^34-34-43
26	93.6	4722^32-32-42	4812^34-34-43	4842^34-34-44	4872^35-35-44
24	93.4	4755^33-33-42	4846^34-34-44	4876^35-35-44	4906C35-35-45
22	93.1	4758^33-33-42	4849^34-34-44	4880^35-35-44	4909C35-35-45
20	92.8	4758^33-33-42	4850^34-34-44	4880^35-35-44	4910C35-35-45
18	92.4	4758^33-33-42	4851^34-34-44	4881^35-35-44	4912^35-35-45
10	91.2	4759^33-33-42	4853^34-34-44	4885^35-35-44	4916^36-36-45
0	89.6	4746^33-33-42	4844^34-34-44	4877^35-35-44	4909^35-35-45
-10	87.9	4738^33-33-42	4838^34-34-44	4872^35-35-44	4905^35-35-45
-20	86.2	4727^32-32-42	4831^34-34-43	4866^35-35-44	4900^35-35-44

High QNH **+90** per .10" — Low QNH **-180** per .10"
Engine A/I ON **-2800** — Wing A/I ON **-2800**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 4778 Length 9711 Shift **0** Clearway 0 Stopway 0 Slope -1.36
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	4149^24	4234^26	4261^26
38	4233^25	4318^27	4346^27
36	4316^27	4402^28	4430^29
34	4394^28	4480^29	4509^30
32	4471^29	4558^30	4587^31
30	4555^30	4642^32	4672^32
28	4641^31	4730^33	4760^33
26	4722^32	4812^34	4842^34
24	4755^33	4846^34	4876^35
22	4758^33	4849^34	4880^35
20	4758^33	4850^34	4880^35
18	4758^33	4851^34	4881^35
10	4759^33	4853^34	4885^35
0	4746^33	4844^34	4877^35

High QNH **+90** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-2800**
Wing A/I ON **-2800**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	4142^24	4227^26	4255^26
38	4226^25	4312^27	4340^27
36	4309^26	4395^28	4423^29
34	4387^28	4474^29	4503^30
32	4465^29	4552^30	4581^31
30	4548^30	4636^31	4665^32
28	4634^31	4723^33	4753^33
26	4704^32	4794^34	4824^34
24	4730^32	4820^34	4850^34
22	4748^33	4840^34	4871^35
20	4752^33	4844^34	4875^35
18	4753^33	4845^34	4876^35
10	4476^29	4569^31	4600^31
0	4685^32	4782^34	4815^34

High QNH **+100** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-110**
Wing A/I ON **-110**

DRY

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	4145^14	4234D25	4261D26
38	4227^15	4318D25	4346D28
36	4309^15	4402D26	4430D29
34	4386^16	4480D26	4509D29
32	4462^16	4558D26	4587D30
30	4544^16	4642D27	4672D30
28	4630^17	4729^27	4760D31
26	4710^17	4810^27	4842D31
24	4742^18	4844^28	4876D32
22	4746^18	4848^29	4880D32
20	4747^19	4850^29	4880D33
18	4748^19	4851^30	4881D33
10	4750^21	4853D32	4885D35
0	4742^24	4844D34	4877D35

High QNH **+90** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-2800**
Wing A/I ON **-2800**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	4138^14	4227D25	4255D26
38	4221^15	4312D25	4340D27
36	4302^15	4395D25	4423D29
34	4379^16	4474D26	4503D29
32	4456^16	4552D26	4581D30
30	4538^16	4636D27	4665D30
28	4623^17	4722^27	4753D30
26	4693^17	4792^27	4824D31
24	4718^18	4819^28	4850D31
22	4737^18	4839^29	4871D32
20	4741^19	4844^29	4875D33
18	4743^19	4845D30	4876D33
10	4474^22	4569D31	4600D31
0	4681^24	4782D34	4815D34

High QNH **+90** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-110**
Wing A/I ON **-110**

WET

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3057F97	4363F 2	4445F 5
26	2944F98	4424F 2	4507F 5
24	2960F98	4462F 3	4546F 6
22	3076F98	4486F 3	4571F 6
20	3210F98	4499F 3	4585F 6
18	3340F98	4512F 4	4599F 7
16	3461F98	4525F 4	4612F 7
14	3592F98	4539F 5	4626F 8
12	3723F98	4552F 5	4640F 8
10	3855F98	4566F 5	4653F 8
0	4364F98	4628F 7	4719F10
-10	4432F 0	4698F 9	4793F13
-20	4497F 2	4773F12	4820^15
-30	4564F 4	4774^14	4815^18

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1470**
Wing A/I ON **-1470**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3786F99	3999F 8	4071F10
26	3846F99	4063F 8	4135F11
24	3885F99	4106F 8	4179F11
22	3910F 0	4134F 9	4211F12
20	3922F 0	4146F 9	4223F12
18	3933F 0	4160F10	4236F13
16	3944F 1	4170F10	4249F13
14	3955F 1	4182F10	4261F13
12	3966F 1	4196F11	4274F14
10	3978F 2	4205F11	4287F14
0	4026F 4	4262F13	4345F16
-10	4085F 5	4326F15	4411F18
-20	4142F 7	4392F17	4478F20
-30	4199F 9	4455F19	4545F22

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1410**
Wing A/I ON **-1410**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 4778 Length 9711 Shift **0** Clearway 0 Stopway 0 Slope -1.36
Rwy Rev. Program Rules FAA **26 Oct 17**

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SAN ANTONIO/INTL -SAT 04 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D3.6 ISAT	**SAT R-130**	**LT H215**	**1809'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	87.4	4170^23	4324^26	4377^27
46	87.8	4255^25	4412^27	4467^28
44	88.0	4330^26	4491^29	4547^30
42	88.0	4397^27	4562^30	4620^31
40	87.9	4438^27	4604^30	4662^31
38	87.6	4446^27	4612^30	4670^31
36	87.4	4453^27	4620^30	4678^31
34	87.1	4460^28	4628^31	4686^32
32	86.8	4467^28	4635^31	4694^32
30	86.5	4475^28	4642^31	4701^32
20	85.1	4510^28	4680^31	4739^32
10	83.6	4538^29	4708^32	4767^33
0	82.1	4577^30	4748^33	4806^34
-10	80.6	4610^30	4780^33	4839^34
-20	79.0	4637^31	4809^34	4867^35
-30	77.5	4667^31	4838^34	4897^35

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.4	4155^14	4324D24	4377D27	4581
46	87.8	4235^15	4412D25	4467D28	4692
44	88.0	4306^15	4491D25	4547D28	4797
42	88.0	4368^16	4562D26	4620D29	4902
40	87.9	4409^16	4604D26	4662D29	4937
38	87.6	4418^16	4612D26	4670D30	4956
36	87.4	4427^17	4620D27	4678D30	4961
34	87.1	4436^17	4628D27	4686D30	4962
32	86.8	4445^17	4635D28	4694D31	4964
30	86.5	4454^18	4642D28	4701D31	4966
20	85.1	4498^20	4680D30	4739D33	4974
10	83.6	4537^22	4708D32	4767D34	4970
0	82.1	4577D24	4748D33	4806D34	4977
-10	80.6	4610D26	4780D34	4839D35	4981
-20	79.0	4637D28	4809D34	4867D35	4978
-30	77.5	4667D31	4838D35	4897D36	4976

High QNH **+30** per .10" Engine A/I ON **-620**
Low QNH **-150** per .10" Wing A/I ON **-620**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.6	4214^24	4365^27	4417^28
46	90.9	4302^25	4457^28	4511^29
44	91.1	4385^27	4544^29	4599^30
42	91.1	4465^28	4628^31	4684^32
40	91.2	4542^29	4708^32	4766^33
38	90.9	4612^30	4782^33	4840^34
36	90.6	4672^30	4845^33	4905^34
34	90.3	4725^31	4901^34	4962^35
32	90.1	4752^31	4929^34	4990^35
30	89.8	4759^32	4936^35	4998^36
20	88.2	4798^32	4977^35	5039^36
10	86.7	4828^33	5007^36	5071A37
0	85.2	4869^33	5050^36	5071A37
-10	83.6	4907^34	5071A37	5071A37
-20	82.0	4937^35	5071A37	5071A37
-30	80.4	4970^35	5071A37	5071A37

TO - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.6	4197^16	4365D26	4417D29	4583
46	90.9	4279^16	4457D26	4511D30	4694
44	91.1	4356^17	4544D27	4599D30	4798
42	91.1	4432^17	4628D27	4684D31	4903
40	91.2	4502^18	4708D28	4766D31	5004
38	90.9	4569^18	4782D28	4840D31	5071
36	90.6	4625^18	4845D28	4905D32	5071
34	90.3	4676^18	4901D28	4962D32	5071
32	90.1	4704^18	4929D29	4990D32	5071
30	89.8	4713^19	4936D29	4998D32	5071
20	88.2	4762^21	4977D31	5039D34	5071
10	86.7	4803^23	5007D33	5071A37	5071
0	85.2	4856^25	5050D35	5071A37	5071
-10	83.6	4905^27	5071A37	5071A37	5071
-20	82.0	4937D29	5071A37	5071A37	5071
-30	80.4	4970D32	5071A37	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **-630**
Low QNH **-160** per .10" Wing A/I ON **-630**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.6	4214^24-24-34	4365^27-27-37	4417^28-28-37	4469^29-29-38
46	90.9	4302^25-25-36	4457^28-28-38	4511^29-29-39	4564^30-30-39
44	91.1	4385^27-27-37	4544^29-29-39	4599^30-30-40	4654^31-31-41
42	91.1	4465^28-28-38	4628^31-31-40	4684^32-32-41	4741^33-33-42
40	91.2	4542^29-29-39	4708^32-32-42	4766^33-33-42	4824^34-34-43
38	90.9	4612^30-30-40	4782^33-33-43	4840^34-34-43	4900^35-35-44
36	90.6	4672^30-30-41	4845^33-33-44	4905^34-34-44	4966^35-35-45
34	90.3	4725^31-31-42	4901^34-34-44	4962^35-35-45	5024^36-36-46
32	90.1	4752^31-31-42	4929^34-34-45	4990^35-35-46	5053^36-36-47
30	89.8	4759^32-32-42	4936^35-35-45	4998^36-36-46	5061^37-37-47
20	88.2	4798^32-32-43	4977^35-35-45	5039^36-36-46	5071A37-37-47
10	86.7	4828^33-33-43	5007^36-36-46	5071A37-37-47	5071A37-37-47
0	85.2	4869^33-33-44	5050^36-36-47	5071A37-37-47	5071A37-37-47
-10	83.6	4907^34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	82.0	4937^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.4	4970^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **-630**
Low QNH **-160** per .10" Wing A/I ON **-630**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 809 Length 8505 Shift **0** Clearway 0 Stopway 0 Slope -0.38
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4214^24	4365^27	4417^28
46	4302^25	4457^28	4511^29
44	4385^27	4544^29	4599^30
42	4465^28	4628^31	4684^32
40	4542^29	4708^32	4766^33
38	4612^30	4782^33	4840^34
36	4672^30	4845^33	4905^34
34	4725^31	4901^34	4962^35
32	4752^31	4929^34	4990^35
30	4759^32	4936^35	4998^36
20	4798^32	4977^35	5039^36
10	4828^33	5007^36	5071A37
0	4869^33	5050^36	5071A37
-10	4907^34	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-630**
Wing A/I ON **-630**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4206^24	4357^27	4410^28
46	4293^25	4448^28	4501^29
44	4375^26	4534^29	4589^30
42	4455^28	4617^30	4673^31
40	4533^29	4699^32	4757^33
38	4597^29	4767^32	4826^33
36	4661^30	4834^33	4894^34
34	4703^31	4878^34	4939^35
32	4728^31	4903^34	4965^35
30	4751^31	4928^34	4990^35
20	4790^32	4969^35	5030^36
10	4773^32	4950^35	5011^36
0	4809^33	4986^36	5048^37
-10	4848^33	5026^36	5071A37

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

OAT °C	Flaps -10T	+0	+10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4197^16	4365D26	4417D29
46	4279^16	4457D26	4511D30
44	4356^17	4544D27	4599D30
42	4432^17	4628D27	4684D31
40	4502^18	4708D28	4766D31
38	4569^18	4782D28	4840D31
36	4625^18	4845D28	4905D32
34	4676^18	4901D28	4962D32
32	4704^18	4929D29	4990D32
30	4713^19	4936D29	4998D32
20	4762^21	4977D31	5039D34
10	4803^23	5007D33	5071A37
0	4856^25	5050D35	5071A37
-10	4905^27	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-630**
Wing A/I ON **-630**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4189^16	4357D26	4410D29
46	4271^16	4448D26	4501D29
44	4348^17	4534D27	4589D30
42	4421^17	4617D27	4673D30
40	4495^17	4699D28	4757D31
38	4556^18	4767D28	4826D31
36	4615^18	4834D28	4894D31
34	4657^18	4878D28	4939D32
32	4682^18	4903D29	4965D32
30	4705^19	4928D29	4990D32
20	4755^21	4969D31	5030D34
10	4753^23	4950D33	5011D36
0	4801^25	4986D35	5048D37
-10	4848D27	5026D37	5071A37

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

OAT °C	Flaps -10T	+0	+10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		4500F 6	4590F 9
26		4512F 6	4603F 9
24	2657F 3	4525F 6	4616F 9
22	2847F 3	4537F 7	4629F10
20	2983F 2	4548F 7	4642F10
18	3127F 2	4561F 7	4653F11
16	3269F 2	4574F 8	4667F11
14	3409F 2	4586F 8	4679F11
12	3549F 2	4596F 9	4685^12
10	3688F 1	4607F 9	4693^12
0	4348F 1	4674^11	4752^14
-10	4464F 3	4728^13	4809^17
-20	4522F 5	4780^16	4863^19
-30	4584F 7	4835^18	4921^21

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-520**
Wing A/I ON **-520**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3816F 0	4196F 9	4319^12
26	3829F 1	4212F 9	4334^12
24	3840F 1	4227F 9	4349^12
22	3857F 1	4243F10	4364^13
20	3869F 1	4258F10	4378^13
18	3886F 2	4272^10	4392^13
16	3900F 2	4285^11	4407^14
14	3911F 2	4298^11	4421^14
12	3927F 3	4310^11	4433^14
10	3942F 3	4324^12	4447^15
0	4027F 4	4402^13	4518^16
-10	4114F 6	4465^15	4551^17
-20	4184F 8	4494^17	4543^17
-30	4251^10	4483^17	4536^17

High QNH **+80** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-510**
Wing A/I ON **-510**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H
28			
26			
24			
22			
20			
18			
16			
14			
12			
10			
0			
-10			
-20			
-30			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 809 Length 8505 Shift **0** Clearway 0 Stopway 0 Slope -0.38
Rwy Rev. Program Rules FAA **26 Oct 17**

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SAN ANTONIO/INTL -SAT 13L *DT H127*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1809'		DT H127	1809'	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.4	3515F10	3767F15	3854F17	2647F98	3747F 5	3845F 8	4581
46	87.8	3573F11	3828F16	3918F18		3806F 5	3907F 8	4692
44	88.0	3626F12	3882F17	3974F19		3858F 5	3960F 9	4797
42	88.0	3672F12	3931F18	4023F20		3904F 6	4008F 9	4902
40	87.9	3701F13	3965F18	4058F20		3939F 6	4041F10	4937
38	87.6	3713F13	3976F18	4070F20		3951F 7	4054F10	4956
36	87.4	3724F13	3988F19	4081F20		3963F 7	4066F10	4961
34	87.1	3733F13	3999F19	4093F21		3975F 7	4079F11	4962
32	86.8	3743F14	4010F19	4105F21		3988F 8	4092F11	4964
30	86.5	3753F14	4021F19	4116F21	2647F 2	4000F 8	4104F11	4966
20	85.1	3804F15	4079F20	4171F22	3484F 0	4061F 9	4168F13	4974
10	83.6	3854F16	4136F21	4224F23	3809F 1	4123F11	4224D15	4970
0	82.1	3911F17	4193F23	4284F24	3871F 2	4189F13	4284D17	4977
-10	80.6	3966F18	4249F24	4342F25	3930F 4	4249D15	4342D19	4981
-20	79.0	4021F19	4305F25	4401F26	3991F 6	4305D17	4401D21	4978
-30	77.5	4080F20	4364F26	4462F27	4056F 8	4364D19	4462D23	4976

High QNH **+50** per .10" Engine A/I ON **-390**
Low QNH **-130** per .10" Wing A/I ON **-390**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 22 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.6	3800^ 8	3905^10		3752^93	3905^ 4		4044
46	90.9	3883^ 8	3999^11	4033^11	3734F94	3998^ 4	4033D 7	4144
44	91.1	3962^ 9	4089^12	4123^13	3693F95	4087^ 4	4123D 8	4238
42	91.1	4038^ 9	4178^13	4213^14	3654F96	4175^ 5	4213D 8	4331
40	91.2	4111^ 9	4263^14	4299^15	3607F96	4251^ 5	4299D 8	4422
38	90.9	4179^10	4340^15	4382^16	3567F97	4322^ 5	4382^ 9	4508
36	90.6	4238^ 9	4412^16	4458^16	3517F98	4388^ 5	4457^ 9	4595
34	90.3	4292^ 9	4476^17	4524^17	3478F98	4448^ 5	4519^ 9	4681
32	90.1	4319^10	4506^17	4554^17	3475F98	4476^ 6	4547^ 9	4707
30	89.8	4326^10	4511^17	4559^18	3510F99	4484^ 6	4556^ 9	4711
20	88.2	4363^11	4538^17	4580^18	3677F 0	4522^ 8	4580D11	4718
10	86.7	4388^13	4525^17	4568^18	3848F 1	4524^10	4568D13	4709
0	85.2	4399^15	4524^17	4569^18	4011F 2	4524D12	4569D16	4717
-10	83.6	4391^15	4519^17	4565^18	4033F 4	4519D14	4565D18	4720
-20	82.0	4376^15	4510^17	4554^17	4205F 6	4510D16	4554D18	4716
-30	80.4	4359^15	4495^17	4542^17	4357^ 7	4495D17	4542D17	4712

High QNH **+80** per .10" Engine A/I ON **-880**
Low QNH **-150** per .10" Wing A/I ON **-880**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
48	90.6	3800^ 8- 8-16	3905^10-10-17	- -	- -
46	90.9	3883^ 8- 9-17	3999^11-11-18	4033^11-11-19	3973^11-11-18
44	91.1	3962^ 9-10-18	4089^12-12-19	4123^13-13-20	3973^11-11-18
42	91.1	4038^ 9-11-19	4178^13-13-20	4213^14-14-21	4249^14-14-21
40	91.2	4111^ 9-12-20	4263^14-14-21	4299^15-15-22	4335^15-15-22
38	90.9	4179^10-13-20	4340^15-15-22	4382^16-16-23	4421^16-16-23
36	90.6	4238^ 9-13-21	4412^16-16-23	4458^16-16-24	4506^17-17-24
34	90.3	4292^ 9-14-22	4476^17-17-24	4524^17-17-24	4573^18-18-25
32	90.1	4319^10-14-22	4506^17-17-24	4554^17-17-25	4603^18-18-25
30	89.8	4326^10-14-22	4511^17-17-24	4559^18-18-25	4609^18-18-25
20	88.2	4363^11-15-22	4538^17-17-24	4580^18-18-25	4622^18-18-25
10	86.7	4388^13-15-23	4525^17-17-24	4568^18-18-25	4620^18-18-25
0	85.2	4399^15-15-23	4524^17-17-24	4569^18-18-25	4613^18-18-25
-10	83.6	4391^15-15-23	4519^17-17-24	4565^18-18-25	4611^18-18-25
-20	82.0	4376^15-15-23	4510^17-17-24	4554^17-17-25	4602^18-18-25
-30	80.4	4359^15-15-22	4495^17-17-24	4542^17-17-24	4592^18-18-25

High QNH **+80** per .10" Engine A/I ON **-880**
Low QNH **-150** per .10" Wing A/I ON **-880**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	809	Length	5519	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.33
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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TAR Mexico **EMB-145** **AE3007A1P**

A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3800^ 8	3905^10		3793^ 7	3899^10				
46	3883^ 8	3999^11	4033^11	3876^ 8	3992^11	4027^11			
44	3962^ 9	4089^12	4123^13	3954^ 8	4082^12	4116^12			
42	4038^ 9	4178^13	4213^14	4029^ 9	4171^13	4206^14			
40	4111^ 9	4263^14	4299^15	4103^ 9	4257^14	4292^15			
38	4179^10	4340^15	4382^16	4166^ 9	4330^15	4375^16			
36	4238^ 9	4412^16	4458^16	4228^ 9	4403^16	4449^16			
34	4292^ 9	4476^17	4524^17	4270^ 9	4450^16	4497^17			
32	4319^10	4506^17	4554^17	4295^ 9	4478^17	4526^17			
30	4326^10	4511^17	4559^18	4319^10	4505^17	4553^17			
20	4363^11	4538^17	4580^18	4356^11	4530^17	4574^18			
10	4388^13	4525^17	4568^18	4317^13	4438^16	4480^17			
0	4399^15	4524^17	4569^18	4338^15	4460^16	4498^17			
-10	4391^15	4519^17	4565^18	4343^15	4469^16	4513^17			
	High QNH +80 per .10"			High QNH +60 per .10"			High QNH per .10"		
	Low QNH -150 per .10"			Low QNH -150 per .10"			Low QNH per .10"		
	Engine A/I ON -880			Engine A/I ON -60			Engine A/I ON		
	Wing A/I ON -880			Wing A/I ON -60			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 22 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3752^93	3905^ 4		3747^93	3899^ 4				
46	3734F94	3998^ 4	4033D 7	3728F94	3991^ 4	4027D 7			
44	3693F95	4087^ 4	4123D 8	3687F95	4080^ 4	4116D 8			
42	3654F96	4175^ 5	4213D 8	3647F96	4165^ 5	4206D 8			
40	3607F96	4251^ 5	4299D 8	3603F96	4243^ 5	4292D 8			
38	3567F97	4322^ 5	4382^ 9	3557F97	4311^ 5	4375^ 8			
36	3517F98	4388^ 5	4457^ 9	3515F98	4379^ 5	4448^ 9			
34	3478F98	4448^ 5	4519^ 9	3474F98	4424^ 5	4494^ 9			
32	3475F98	4476^ 6	4547^ 9	3472F98	4451^ 6	4522^ 9			
30	3510F99	4484^ 6	4556^ 9	3506F99	4477^ 6	4548^ 9			
20	3677F 0	4522^ 8	4580D11	3673F 0	4516^ 8	4574D11			
10	3848F 1	4524^10	4568D13	3839F 1	4438D10	4480D14			
0	4011F 2	4524D12	4569D16	4000F 2	4460D12	4498D16			
-10	4033F 4	4519D14	4565D18	4025F 4	4469D14	4513D17			
	High QNH +80 per .10"			High QNH +60 per .10"			High QNH per .10"		
	Low QNH -160 per .10"			Low QNH -150 per .10"			Low QNH per .10"		
	Engine A/I ON -870			Engine A/I ON -60			Engine A/I ON		
	Wing A/I ON -870			Wing A/I ON -60			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28						3326F94			
26					2650F94	3356F94			
24					2735F94	3412F94			
22					3022F93	3436F95			
20					3072F93	3447F95			
18					3149F93	3442F95			
16					3183F93	3478F96			
14					3217F93	3491F96			
12					3248F94	3491F96			
10					3282F94	3491F96			
0					3439F95	3613F99			
-10					3472F97	3704F 0			
-20					3612F98	3809F 2			
-30					3709F 0	3931F 3			
	High QNH per .10"			High QNH +50 per .10"			High QNH per .10"		
	Low QNH per .10"			Low QNH -830 per .10"			Low QNH per .10"		
	Engine A/I ON			Engine A/I ON -200			Engine A/I ON		
	Wing A/I ON			Wing A/I ON -200			Wing A/I ON		

Elevation	809	Length	5519	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.33
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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SAN ANTONIO/INTL -SAT 13R *DT H127*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1809'		DT H127	1809'	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	87.4	4228^24	4376^27	4428^28
46	87.8	4317^26	4470^29	4523^29
44	88.0	4397^27	4554^30	4607^31
42	88.0	4469^28	4630^31	4684^32
40	87.9	4510^28	4672^31	4727^32
38	87.6	4517^29	4678^31	4734^32
36	87.4	4524^29	4685^32	4742^32
34	87.1	4531^29	4693^32	4748^33
32	86.8	4536^29	4699^32	4755^33
30	86.5	4543^29	4706^32	4761^33
20	85.1	4573^29	4737^32	4793^33
10	83.6	4595^30	4759^33	4814^34
0	82.1	4628^30	4792^33	4848^34
-10	80.6	4654^31	4819^34	4875^35
-20	79.0	4675^31	4841^34	4897^35
-30	77.5	4698^32	4864^34	4920^35

ALT TO-1 - WET RWY

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	4205^14	4376D24	4428D27	4581
46	4290^14	4470D24	4523D28	4692
44	4365^15	4554D25	4607D28	4797
42	4431^15	4630D25	4684D28	4902
40	4473^16	4672D26	4727D29	4937
38	4481^16	4678D26	4734D29	4956
36	4489^16	4685D26	4742D30	4961
34	4497^17	4693D27	4748D30	4962
32	4505^17	4699D27	4755D30	4964
30	4513^17	4706D28	4761D31	4966
20	4553^19	4737D30	4793D33	4974
10	4584^21	4759D32	4814D34	4970
0	4626^24	4792D34	4848D35	4977
-10	4654D26	4819D34	4875D35	4981
-20	4675D28	4841D35	4897D36	4978
-30	4698D30	4864D35	4920D36	4976

High QNH **+20** per .10" Engine A/I ON **-670**
Low QNH **-160** per .10" Wing A/I ON **-670**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.6	4264^25	4410^28	4460^29
46	90.9	4356^26	4506^29	4556^30
44	91.1	4443^28	4597^30	4649^31
42	91.1	4527^29	4685^32	4739^33
40	91.2	4609^30	4770^33	4825^34
38	90.9	4683^31	4848^34	4904^35
36	90.6	4748^32	4916^35	4974^36
34	90.3	4807^32	4978^35	5037^36
32	90.1	4834^33	5006^36	5065^37
30	89.8	4841^33	5013^36	5071A37
20	88.2	4874^33	5048^36	5071A37
10	86.7	4896^34	5071A37	5071A37
0	85.2	4932^34	5071A37	5071A37
-10	83.6	4963^35	5071A37	5071A37
-20	82.0	4987^35	5071A37	5071A37
-30	80.4	5012^36	5071A37	5071A37

TO - WET RWY

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	4241^16	4410D26	4460D29	4583
46	4327^16	4506D26	4556D29	4694
44	4408^16	4597D27	4649D30	4798
42	4487^17	4685D27	4739D30	4903
40	4563^17	4770D27	4825D31	5004
38	4632^18	4845^28	4904D31	5071
36	4694^18	4909^28	4974D31	5071
34	4750^18	4967^28	5037D31	5071
32	4777^18	4995^28	5065D32	5071
30	4786^18	5004^29	5071A32	5071
20	4830^20	5048D31	5071A34	5071
10	4863^22	5071A33	5071A37	5071
0	4910^25	5071A35	5071A37	5071
-10	4952^27	5071A37	5071A37	5071
-20	4987D29	5071A37	5071A37	5071
-30	5012D32	5071A37	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **-680**
Low QNH **-160** per .10" Wing A/I ON **-680**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.6	4264^25-25-35	4410^28-28-37	4460^29-29-38	4509^30-30-39
46	90.9	4356^26-26-36	4506^29-29-39	4556^30-30-39	4608^31-31-40
44	91.1	4443^28-28-38	4597^30-30-40	4649^31-31-41	4702^32-32-41
42	91.1	4527^29-29-39	4685^32-32-41	4739^33-33-42	4792^33-33-43
40	91.2	4609^30-30-40	4770^33-33-42	4825^34-34-43	4880^35-35-44
38	90.9	4683^31-31-41	4848^34-34-44	4904^35-35-44	4960^36-36-45
36	90.6	4748^32-32-42	4916^35-35-45	4974^36-36-45	5032^37-37-46
34	90.3	4807^32-32-43	4978^35-35-45	5037^36-36-46	5071A37-37-47
32	90.1	4834^33-33-43	5006^36-36-46	5065^37-37-47	5071A37-37-47
30	89.8	4841^33-33-43	5013^36-36-46	5071A37-37-47	5071A37-37-47
20	88.2	4874^33-33-44	5048^36-36-46	5071A37-37-47	5071A37-37-47
10	86.7	4896^34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	85.2	4932^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.6	4963^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	82.0	4987^35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.4	5012^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **-680**
Low QNH **-160** per .10" Wing A/I ON **-680**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	809	Length	8502	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.36
Rwy Rev.		Program						Rules	FAA		**30 Oct 18**

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TAR Mexico **EMB-145** **AE3007A1P**

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4264^25	4410^28	4460^29
46	4356^26	4506^29	4556^30
44	4443^28	4597^30	4649^31
42	4527^29	4685^32	4739^33
40	4609^30	4770^33	4825^34
38	4683^31	4848^34	4904^35
36	4748^32	4916^35	4974^36
34	4807^32	4978^35	5037^36
32	4834^33	5006^36	5065^37
30	4841^33	5013^36	5071A37
20	4874^33	5048^36	5071A37
10	4896^34	5071A37	5071A37
0	4932^34	5071A37	5071A37
-10	4963^35	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-680**
Wing A/I ON **-680**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4256^25	4402^28	4452^29
46	4348^26	4497^29	4548^30
44	4435^28	4587^30	4641^31
42	4518^29	4674^31	4729^32
40	4601^30	4761^33	4816^34
38	4669^31	4834^34	4890^34
36	4738^32	4906^34	4964^35
34	4782^32	4952^35	5011^36
32	4809^32	4979^35	5038^36
30	4833^33	5005^36	5064^37
20	4867^33	5040^36	5071A37
10	4837^33	5008^36	5066^37
0	4866^34	5037^36	5071A37
-10	4900^34	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4241^16	4410D26	4460D29
46	4327^16	4506D26	4556D29
44	4408^16	4597D27	4649D30
42	4487^17	4685D27	4739D30
40	4563^17	4770D27	4825D31
38	4632^18	4845^28	4904D31
36	4694^18	4909^28	4974D31
34	4750^18	4967^28	5037D31
32	4777^18	4995^28	5065D32
30	4786^18	5004^29	5071A32
20	4830^20	5048D31	5071A34
10	4863^22	5071A33	5071A37
0	4910^25	5071A35	5071A37
-10	4952^27	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-680**
Wing A/I ON **-680**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4234^15	4402D25	4452D29
46	4319^16	4497D26	4548D29
44	4400^16	4587D26	4641D30
42	4478^17	4674D27	4729D30
40	4555^17	4761D27	4816D31
38	4620^17	4831^27	4890D31
36	4685^17	4899^28	4964D31
34	4728^18	4944^28	5011D31
32	4753^18	4971^28	5038D32
30	4779^18	4996^29	5064D32
20	4822^20	5040D31	5071A34
10	4809^22	5008D33	5066D36
0	4850^25	5037D35	5071A37
-10	4895^27	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		4497F 6	4587F 9
26		4510F 6	4600F 9
24	2692F 3	4522F 6	4613F10
22	2866F 2	4535F 7	4626F10
20	3014F 2	4545F 7	4639F10
18	3157F 2	4558F 7	4650F11
16	3296F 2	4571F 8	4664F11
14	3424F 2	4583F 8	4676F11
12	3563F 2	4594F 9	4688F12
10	3702F 1	4604F 9	4699F12
0	4357F 1	4673F11	4773F14
-10	4461F 3	4743F13	4847F17
-20	4520F 5	4814F15	4919F19
-30	4581F 7	4889F18	4985^21

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-460**
Wing A/I ON **-460**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3813F 0	4193F 9	4322F12
26	3826F 1	4209F 9	4338F12
24	3837F 1	4224F 9	4353F12
22	3854F 1	4240F10	4367F12
20	3868F 2	4256F10	4383F13
18	3880F 2	4271F10	4398F13
16	3894F 2	4286F11	4413F13
14	3908F 2	4301F11	4429F14
12	3924F 3	4315F11	4441F14
10	3938F 3	4328F12	4455F14
0	4023F 4	4409F13	4517^16
-10	4113F 6	4463^15	4550^17
-20	4181F 8	4493^17	4538^17
-30	4252F10	4483^17	4532^17

High QNH **+80** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-530**
Wing A/I ON **-530**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 809 Length 8502 Shift **0** Clearway 0 Stopway 0 Slope -0.36
Rwy Rev. Program Rules FAA **30 Oct 18**

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SAN ANTONIO/INTL -SAT 22 *DT H216*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1809'		DT H216	1809'	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.4	4191^24	4333^26	4381^27	4165^15	4333D24	4381D27	4581
46	87.8	4275^25	4420^28	4470^29	4243^15	4420D25	4470D28	4692
44	88.0	4349^26	4497^29	4549^30	4312^15	4497D25	4549D28	4797
42	88.0	4414^27	4567^30	4619^31	4372^16	4567D26	4619D29	4902
40	87.9	4455^27	4609^30	4662^31	4412^16	4609D26	4662D29	4937
38	87.6	4462^28	4617^30	4670^31	4422^17	4617D26	4670D30	4956
36	87.4	4471^28	4625^30	4679^31	4432^17	4625D27	4679D30	4961
34	87.1	4479^28	4634^31	4687^32	4441^17	4634D27	4687D30	4962
32	86.8	4487^28	4641^31	4695^32	4451^18	4641D28	4695D31	4964
30	86.5	4494^28	4649^31	4703^32	4461^18	4649D28	4703D31	4966
20	85.1	4533^29	4688^32	4742^32	4509^20	4688D30	4742D33	4974
10	83.6	4564^29	4719^32	4773^33	4551^22	4719D32	4773D34	4970
0	82.1	4605^30	4759^33	4814^34	4602^24	4759D34	4814D35	4977
-10	80.6	4639^31	4794^33	4849^34	4639D26	4794D34	4849D35	4981
-20	79.0	4669^31	4824^34	4878^35	4669D28	4824D35	4878D35	4978
-30	77.5	4700^32	4855^34	4909^35	4700D30	4855D35	4909D35	4976

High QNH **+30** per .10" Engine A/I ON **-620**
Low QNH **-150** per .10" Wing A/I ON **-620**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.6	4237^25	4375^27	4423^28	4210^16	4375D26	4423D29	4583
46	90.9	4324^26	4466^28	4516^29	4291^17	4466D26	4516D30	4694
44	91.1	4407^27	4553^30	4603^31	4367^17	4553D27	4603D30	4798
42	91.1	4487^28	4636^31	4688^32	4440^18	4636D28	4688D31	4903
40	91.2	4563^29	4715^32	4769^33	4511^18	4715D28	4769D31	5004
38	90.9	4633^30	4788^33	4843^34	4575^18	4788D28	4843D32	5071
36	90.6	4690^31	4850^33	4905^34	4628^19	4850D28	4905D32	5071
34	90.3	4741^31	4904^34	4961^35	4676F19	4901^29	4961D32	5071
32	90.1	4766^32	4927^34	4989^35	4701F19	4927D29	4989D32	5071
30	89.8	4775^32	4940^35	4997^36	4715F19	4939^29	4997D32	5071
20	88.2	4818^33	4983^35	5040^36	4767^21	4983D31	5040D34	5071
10	86.7	4852^33	5016^36	5071A37	4813^23	5016D33	5071A37	5071
0	85.2	4896^34	5062^37	5071A37	4870^25	5062D35	5071A37	5071
-10	83.6	4936^34	5071A37	5071A37	4922^27	5071A37	5071A37	5071
-20	82.0	4969^35	5071A37	5071A37	4969D29	5071A37	5071A37	5071
-30	80.4	5005^36	5071A37	5071A37	5005D32	5071A37	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **-620**
Low QNH **-160** per .10" Wing A/I ON **-620**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.6	4237^25-25-35	4375^27-27-37	4423^28-28-37	4472^29-29-38
46	90.9	4324^26-26-36	4466^28-28-38	4516^29-29-39	4566^30-30-40
44	91.1	4407^27-27-37	4553^30-30-39	4603^31-31-40	4654^31-31-41
42	91.1	4487^28-28-38	4636^31-31-41	4688^32-32-41	4740^33-33-42
40	91.2	4563^29-29-39	4715^32-32-42	4769^33-33-42	4823^34-34-43
38	90.9	4633^30-30-40	4788^33-33-43	4843^34-34-44	4898^35-35-44
36	90.6	4690^31-31-41	4850^33-33-44	4905^34-34-44	4962^35-35-45
34	90.3	4741^31-31-42	4904^34-34-44	4961^35-35-45	5019^36-36-46
32	90.1	4766^32-32-42	4927^34-34-45	4989^35-35-46	5047^36-36-46
30	89.8	4775^32-32-43	4940^35-35-45	4997^36-36-46	5056^37-37-47
20	88.2	4818^33-33-43	4983^35-35-46	5040^36-36-46	5071A37-37-47
10	86.7	4852^33-33-44	5016^36-36-46	5071A37-37-47	5071A37-37-47
0	85.2	4896^34-34-44	5062^37-37-47	5071A37-37-47	5071A37-37-47
-10	83.6	4936^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	82.0	4969^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.4	5005^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **-620**
Low QNH **-160** per .10" Wing A/I ON **-620**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 809 Length 8505 Shift **0** Clearway 0 Stopway 0 Slope +0.38
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4237^25	4375^27	4423^28
46	4324^26	4466^28	4516^29
44	4407^27	4553^30	4603^31
42	4487^28	4636^31	4688^32
40	4563^29	4715^32	4769^33
38	4633^30	4788^33	4843^34
36	4690^31	4850^33	4905^34
34	4741^31	4904^34	4961^35
32	4766^32	4927^34	4989^35
30	4775^32	4940^35	4997^36
20	4818^33	4983^35	5040^36
10	4852^33	5016^36	5071A37
0	4896^34	5062^37	5071A37
-10	4936^34	5071A37	5071A37

High QNH **+0** per .10" Low QNH **-160** per .10"

Engine A/I ON **-620** Wing A/I ON **-620**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4229^25	4367^27	4415^28
46	4316^26	4457^28	4506^29
44	4398^27	4543^29	4594^30
42	4476^28	4625^31	4677^31
40	4554^29	4706^32	4760^33
38	4617^30	4773^32	4827^33
36	4678^31	4839^33	4894^34
34	4719^31	4882^34	4939^35
32	4743^31	4907^34	4963^35
30	4766^32	4932^34	4988^35
20	4810^32	4975^35	5032^36
10	4799^32	4961^35	5017^36
0	4836^33	4998^36	5055^37
-10	4878^34	5040^36	5071A37

High QNH **+90** per .10" Low QNH **-160** per .10"

Engine A/I ON **-50** Wing A/I ON **-50**

DRY

OAT °C	Flaps -10T	+0	+10H

High QNH per .10" Low QNH per .10"

Engine A/I ON Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4210^16	4375D26	4423D29
46	4291^17	4466D26	4516D30
44	4367^17	4553D27	4603D30
42	4440^18	4636D28	4688D31
40	4511^18	4715D28	4769D31
38	4575^18	4788D28	4843D32
36	4628^19	4850D28	4905D32
34	4676F19	4901^29	4961D32
32	4701F19	4927D29	4989D32
30	4715F19	4939^29	4997D32
20	4767^21	4983D31	5040D34
10	4813^23	5016D33	5071A37
0	4870^25	5062D35	5071A37
-10	4922^27	5071A37	5071A37

High QNH **+0** per .10" Low QNH **-160** per .10"

Engine A/I ON **-620** Wing A/I ON **-620**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4203^16	4367D26	4415D29
46	4283^17	4457D26	4506D29
44	4358^17	4543D27	4594D30
42	4431^17	4625D27	4677D30
40	4502^18	4706D28	4760D31
38	4560^18	4773D28	4827D31
36	4619^18	4839^28	4894D31
34	4660F19	4881^29	4939D32
32	4683F19	4906^29	4963D32
30	4705F19	4930^29	4988D32
20	4760^21	4975D31	5032D34
10	4766^23	4961D33	5017D36
0	4816^25	4998D35	5055D37
-10	4871^27	5040D37	5071A37

High QNH **+90** per .10" Low QNH **-160** per .10"

Engine A/I ON **-50** Wing A/I ON **-50**

WET

OAT °C	Flaps -10T	+0	+10H

High QNH per .10" Low QNH per .10"

Engine A/I ON Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3441F 1	4424F 8	4514F11
26	3544F 1	4435F 8	4526F11
24	3657F 1	4447F 9	4539F12
22	3753F 1	4460F 9	4552F12
20	3864F 1	4472F 9	4565F13
18	3969F 1	4484F10	4578F13
16	4092F 1	4497F10	4591F13
14	4199F 1	4509F10	4601F14
12	4258F 1	4519F11	4612F14
10	4267F 1	4529F11	4624F15
0	4326F 3	4598F13	4697F17
-10	4383F 5	4666F15	4770F19
-20	4441F 7	4736F18	4843F21
-30	4502F 9	4809F20	4907^23

High QNH **+90** per .10" Low QNH **-100** per .10"

Engine A/I ON **-450** Wing A/I ON **-450**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3741F 2	4119F10	4247F13
26	3755F 3	4133F11	4262F13
24	3765F 3	4149F11	4278F14
22	3780F 3	4164F11	4286F14
20	3792F 3	4179F12	4314F14
18	3803F 4	4198F12	4334F14
16	3818F 4	4211F12	4353F15
14	3830F 4	4226F12	4373F15
12	3841F 5	4239F13	4393F15
10	3855F 5	4253F13	4393F15
0	3931F 6	4347F15	4437^16
-10	4013F 8	4425F16	4462^16
-20	4104F 9	4443^16	4484^17
-30	4172F11	4461^16	

High QNH **+10** per .10" Low QNH **-120** per .10"

Engine A/I ON **-790** Wing A/I ON **-790**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10" Low QNH per .10"

Engine A/I ON Wing A/I ON

Elevation	809	Length	8505	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.38
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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SAN ANTONIO/INTL -SAT 31L *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D5.7 IIZR	**SAT R-224**	**LT H250**	**1809'**	
NOTAMS 9/7412						

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.4	4238^25	4375^27	4424^28	4200F14	4375D24	4424D27	4581
46	87.8	4326^26	4468^28	4516^29	4269F15	4468D24	4516D28	4692
44	88.0	4402F27	4548^30	4599^30	4330F15	4548D25	4599D28	4797
42	88.0	4461F28	4621^31	4674^32	4385F16	4621^25	4674D29	4902
40	87.9	4499F28	4665^31	4716^32	4423F16	4663^26	4716D29	4937
38	87.6	4511F28	4671^31	4724^32	4436F17	4671D26	4724D29	4956
36	87.4	4520F29	4679^31	4732^32	4448F17	4679D27	4732D30	4961
34	87.1	4532F29	4687^32	4739^32	4461F17	4687D27	4739D30	4962
32	86.8	4543F29	4693^32	4747^33	4474F18	4693D27	4747D30	4964
30	86.5	4550^29	4701^32	4753^33	4487F18	4701D28	4753D31	4966
20	85.1	4584^30	4735^32	4788^33	4550F20	4735D30	4788D33	4974
10	83.6	4609^30	4760^33	4813^34	4589^22	4760D32	4813D34	4970
0	82.1	4644^31	4797^33	4849^34	4634^24	4797D34	4849D35	4977
-10	80.6	4673^31	4826^34	4879^35	4673D26	4826D35	4879D35	4981
-20	79.0	4699^32	4850^34	4903^35	4699D28	4850D35	4903D36	4978
-30	77.5	4722^32	4870^35	4913^35	4722D30	4870D35	4913D35	4976

High QNH **+10** per .10" Engine A/I ON **-680**
Low QNH **-160** per .10" Wing A/I ON **-680**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.6	4277^25	4413^28	4459^29	4246^16	4413D26	4459D29	4583
46	90.9	4368^27	4507^29	4555^30	4329^16	4507D26	4555D29	4694
44	91.1	4455^28	4596^30	4647^31	4410^17	4596D27	4647D30	4798
42	91.1	4538^29	4684^32	4733^32	4479F17	4684D27	4733D30	4903
40	91.2	4618^30	4767^33	4819^34	4541F18	4765^28	4819D31	5004
38	90.9	4690^31	4843^34	4896^35	4598F18	4836^28	4896D31	5071
36	90.6	4749F32	4909^34	4963^35	4638F18	4897^28	4963D31	5071
34	90.3	4784F32	4968^35	5024^36	4678F19	4952^28	5024D31	5071
32	90.1	4806F32	4996^36	5052^36	4703F19	4979^29	5052D32	5071
30	89.8	4818F33	5004^36	5060^37	4716F19	4989^29	5060D32	5071
20	88.2	4880F34	5042^36	5071A37	4785F21	5039^31	5071A34	5071
10	86.7	4908^34	5071A37	5071A37	4852F23	5071A33	5071A37	5071
0	85.2	4947^35	5071A37	5071A37	4914^25	5071A35	5071A37	5071
-10	83.6	4981^35	5071A37	5071A37	4961^27	5071A37	5071A37	5071
-20	82.0	5008^36	5071A37	5071A37	5001^29	5071A37	5071A37	5071
-30	80.4	5037^36	5071A37	5071A37	5037D32	5071A37	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **-670**
Low QNH **-160** per .10" Wing A/I ON **-670**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.6	4277^25-25-35	4413^28-28-37	4459^29-29-38	4507^30-30-39
46	90.9	4368^27-27-37	4507^29-29-39	4555^30-30-39	4604^31-31-40
44	91.1	4455^28-28-38	4596^30-30-40	4647^31-31-41	4696^32-32-41
42	91.1	4538^29-29-39	4684^32-32-41	4733^32-32-42	4785^33-33-43
40	91.2	4618^30-30-40	4767^33-33-42	4819^34-34-43	4872^34-34-44
38	90.9	4690^31-31-41	4843^34-34-44	4896^35-35-44	4950^35-35-45
36	90.6	4749F32-32-42	4909^34-34-44	4963^35-35-45	5019^36-36-46
34	90.3	4784F32-32-43	4968^35-35-45	5024^36-36-46	5071A37-37-47
32	90.1	4806F32-32-43	4996^36-36-46	5052^36-36-47	5071A37-37-47
30	89.8	4818F33-33-43	5004^36-36-46	5060^37-37-47	5071A37-37-47
20	88.2	4880F34-34-44	5042^36-36-46	5071A37-37-47	5071A37-37-47
10	86.7	4908^34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	85.2	4947^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.6	4981^35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	82.0	5008^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.4	5037^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **-670**
Low QNH **-160** per .10" Wing A/I ON **-670**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	809	Length	8502	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.36
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4277^25	4413^28	4459^29	4270^25	4405^28	4451^29			
46	4368^27	4507^29	4555^30	4360^27	4499^29	4547^30			
44	4455^28	4596^30	4647^31	4445^28	4588^30	4637^31			
42	4538^29	4684^32	4733^32	4527^29	4673^31	4723^32			
40	4618^30	4767^33	4819^34	4609^30	4757^33	4810^33			
38	4690^31	4843^34	4896^35	4676^31	4829^33	4882^34			
36	4749F32	4909^34	4963^35	4732F31	4899^34	4953^35			
34	4784F32	4968^35	5024^36	4765F32	4944^35	4999^36			
32	4806F32	4996^36	5052^36	4785F32	4970^35	5026^36			
30	4818F33	5004^36	5060^37	4806F32	4990^35	5051^36			
20	4880F34	5042^36	5071A37	4868F33	5034^36	5071A37			
10	4908^34	5071A37	5071A37	4851^33	5009^36	5064^37			
0	4947^35	5071A37	5071A37	4883^34	5041^37	5071A37			
-10	4981^35	5071A37	5071A37	4919^34	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -160 per .10"			High QNH +0 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -670 Wing A/I ON -670			Engine A/I ON -60 Wing A/I ON -60			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4246^16	4413D26	4459D29	4238^16	4405D26	4451D29			
46	4329^16	4507D26	4555D29	4322^16	4499D26	4547D29			
44	4410^17	4596D27	4647D30	4402F17	4588D27	4637D30			
42	4479F17	4684D27	4733D30	4467F17	4673D27	4723D30			
40	4541F18	4765^28	4819D31	4531F18	4755^28	4810D31			
38	4598F18	4836^28	4896D31	4579F18	4821^28	4882D31			
36	4638F18	4897^28	4963D31	4628F18	4886^28	4953D31			
34	4678F19	4952^28	5024D31	4661F19	4930^28	4999D31			
32	4703F19	4979^29	5052D32	4684F19	4956^28	5026D32			
30	4716F19	4989^29	5060D32	4707F19	4981^29	5051D32			
20	4785F21	5039^31	5071A34	4776F21	5030^31	5071A34			
10	4852F23	5071A33	5071A37	4812^23	5009D33	5064D36			
0	4914^25	5071A35	5071A37	4856^25	5041D35	5071A37			
-10	4961^27	5071A37	5071A37	4905^27	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -160 per .10"			High QNH +0 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -670 Wing A/I ON -670			Engine A/I ON -60 Wing A/I ON -60			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3418F 1	4425F 8	4515F11	3741F 2	4120F10	4248F13			
26	3519F 1	4438F 8	4527F11	3756F 3	4134F11	4264F13			
24	3617F 1	4448F 8	4540F12	3766F 3	4150F11	4279F14			
22	3736F 1	4461F 9	4553F12	3781F 3	4165F11	4295F14			
20	3833F 1	4474F 9	4566F12	3791F 3	4181F11	4310F14			
18	3950F 1	4486F10	4579F13	3804F 4	4196F12	4332F14			
16	4079F 1	4498F10	4592F13	3819F 4	4211F12	4320F14			
14	4171F 1	4510F10	4602F14	3831F 4	4227F12	4372F15			
12	4259F 1	4520F11	4613F14	3841F 5	4241F13	4392F15			
10	4268F 1	4531F11	4625F14	3854F 5	4255F13	4413^16			
0	4327F 3	4600F13	4698F17	3932F 6	4348F15	4444^16			
-10	4384F 5	4667F15	4771F19	4017F 8	4436^16	4469^16			
-20	4442F 7	4737F17	4844F21	4105F 9	4451^16				
-30	4503F 9	4811F20	4920F23	4174F11	4468^16				
	High QNH +90 per .10" Low QNH -100 per .10"			High QNH +60 per .10" Low QNH -110 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -450 Wing A/I ON -450			Engine A/I ON -820 Wing A/I ON -820			Engine A/I ON Wing A/I ON		

Elevation 809 Length 8502 Shift **0** Clearway 0 Stopway 0 Slope +0.36

Rwy Rev. Program Rules FAA **26 Apr 19**

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SAN ANTONIO/INTL -SAT 31R *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D5.6 IIZR	**SAT R-224**	**LT H250**	**1809'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.4	3464F 9	3707F14	3784F16	3041F97	3701F 5	3784D 8	4581
46	87.8	3522F10	3770F15	3849F17	2804F99	3761F 6	3849D 9	4692
44	88.0	3573F11	3825F16	3906F18		3812F 6	3906D 9	4797
42	88.0	3618F11	3872F17	3957F18		3857F 6	3955F10	4902
40	87.9	3650F12	3906F17	3992F19		3892F 7	3990F10	4937
38	87.6	3660F12	3917F17	4003F19		3904F 7	4002F10	4956
36	87.4	3670F12	3928F17	4013F19	2650F 2	3916F 7	4013D11	4961
34	87.1	3679F12	3939F18	4021F19	2836F 1	3928F 8	4021D11	4962
32	86.8	3689F12	3950F18	4032F19	2993F 1	3940F 8	4032D11	4964
30	86.5	3698F13	3961F18	4042F20	3148F 1	3952F 8	4042D12	4966
20	85.1	3747F14	4011F19	4094F21	3700F 0	4008F10	4094D13	4974
10	83.6	3796F15	4059F20	4145F22	3763F 1	4059D12	4145D15	4970
0	82.1	3851F16	4115F21	4204F23	3823F 3	4115D14	4204D17	4977
-10	80.6	3904F17	4168F22	4260F24	3882F 5	4168D16	4260D19	4981
-20	79.0	3959F18	4223F23	4318F25	3942F 7	4223D17	4318D21	4978
-30	77.5	4008F19	4280F24	4378F26	4002F 9	4280D19	4378D23	4976

High QNH **+40** per .10" Engine A/I ON **-370**
Low QNH **-130** per .10" Wing A/I ON **-370**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 22 -10T	+0	+10H	TO - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.6	3797^ 7		3930^10	3764F94		3930D 7	4044
46	90.9	3888^ 8		4024^11	3790F94		4024D 8	4144
44	91.1	3973F 8	4080^12	4114^12	3753F95	4080D 5	4114D 8	4238
42	91.1	4041F 8	4169^13	4114^12	3720F96	4169D 5	4114D 8	4238
40	91.2	4104F 9	4254^14	4114^12	3682F97	4254D 5	4114D 9	4238
38	90.9	4163F 9	4337^15		3648F97	4336^ 5		4508
36	90.6	4204F 9	4417^16	4455^16	3599F98	4415^ 5	4455D 9	4595
34	90.3	4236F 9	4494^17	4534^17	3561F98	4491^ 5	4534D 9	4681
32	90.1	4259F10	4526^17	4566^18	3559F99	4523^ 6	4566D 9	4707
30	89.8	4271F10	4527^17	4567^18	3591F99	4524^ 6	4567D 9	4711
20	88.2	4334F11	4528^17	4569^18	3747F 0	4528D 8	4569D11	4717
10	86.7	4387F13	4516^17		3907F 1	4516D10		4709
0	85.2	4391^15	4514^17	4558^18	4061F 2	4514D12	4558D16	4717
-10	83.6	4384^15		4555^17	4081F 4		4555D18	4720
-20	82.0	4369^15	4499^17	4544^17	4244F 6	4499D17	4544D18	4716
-30	80.4	4353^15	4487^17	4533^17	4352^ 7	4487D17	4533D17	4712

High QNH **+80** per .10" Engine A/I ON **-860**
Low QNH **-150** per .10" Wing A/I ON **-860**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
48	90.6	3797^ 7- 8-16	- -	3930^10-10-17	3964^11-11-18
46	90.9	3888^ 8- 9-17	- -	4024^11-11-19	4059^12-12-19
44	91.1	3973F 8-10-18	4080^12-12-19	4114^12-12-20	4149^13-13-20
42	91.1	4041F 8-11-19	4169^13-13-20	4114^12-12-20	4239^14-14-21
40	91.2	4104F 9-12-20	4254^14-14-21	4114^12-12-20	4325^15-15-22
38	90.9	4163F 9-12-20	4337^15-15-22	- -	- -
36	90.6	4204F 9-13-21	4417^16-16-23	4455^16-16-24	- -
34	90.3	4236F 9-13-21	4494^17-17-24	4534^17-17-24	- -
32	90.1	4259F10-14-21	4526^17-17-24	4566^18-18-25	- -
30	89.8	4271F10-14-22	4527^17-17-24	4567^18-18-25	- -
20	88.2	4334F11-14-22	4528^17-17-24	4569^18-18-25	4611^18-18-25
10	86.7	4387F13-15-23	4516^17-17-24	- -	- -
0	85.2	4391^15-15-23	4514^17-17-24	4558^18-18-25	4602^18-18-25
-10	83.6	4384^15-15-23	- -	4555^17-17-25	4600^18-18-25
-20	82.0	4369^15-15-23	4499^17-17-24	4544^17-17-25	4591^18-18-25
-30	80.4	4353^15-15-22	4487^17-17-24	4533^17-17-24	4581^18-18-25

High QNH **+80** per .10" Engine A/I ON **-860**
Low QNH **-150** per .10" Wing A/I ON **-860**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 809 Length 5519 Shift **0** Clearway 0 Stopway 0 Slope +0.33
Rwy Rev. Program Rules FAA **01 Oct 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 22 -10T	+0	+10H
48	3797^ 7		3930^10
46	3888^ 8		4024^11
44	3973F 8	4080^12	4114^12
42	4041F 8	4169^13	4114^12
40	4104F 9	4254^14	4114^12
38	4163F 9	4337^15	
36	4204F 9	4417^16	4455^16
34	4236F 9	4494^17	4534^17
32	4259F10	4526^17	4566^18
30	4271F10	4527^17	4567^18
20	4334F11	4528^17	4569^18
10	4387F13	4516^17	
0	4391^15	4514^17	4558^18
-10	4384^15		4555^17

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-860**
Wing A/I ON **-860**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 22 -10T	+0	+10H
48	3791^ 7		3924^10
46	3882^ 7	3984^11	4018^11
44	3963F 8	4073^12	4100^12
42	4028F 8	4162^13	4063^12
40	4093F 9	4247^14	4063^12
38	4141F 9	4329^15	4365^15
36	4188F 9	4405^16	4443^16
34	4221F 9	4459^16	4498^17
32	4240F 9	4507^17	4547^17
30	4260F10	4521^17	4561^18
20	4324F11	4522^17	4563^18
10	4310^13	4430^16	4470^17
0	4331^15		4493^17
-10	4336^15	4460^16	4503^17

High QNH **+60** per .10"
Low QNH **-150** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 22 -10T	+0	+10H
48	3764F94		3930D 7
46	3790F94		4024D 8
44	3753F95	4080D 5	4114D 8
42	3720F96	4169D 5	4114D 8
40	3682F97	4254D 5	4114D 9
38	3648F97	4336^ 5	
36	3599F98	4415^ 5	4455D 9
34	3561F98	4491^ 5	4534D 9
32	3559F99	4523^ 6	4566D 9
30	3591F99	4524^ 6	4567D 9
20	3747F 0	4528D 8	4569D11
10	3907F 1	4516D10	
0	4061F 2	4514D12	4558D16
-10	4081F 4		4555D18

High QNH **+80** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-860**
Wing A/I ON **-860**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 22 -10T	+0	+10H
48	3756F93		3924D 7
46	3782F94	3984D 4	4018D 8
44	3745F95	4073D 4	4100D 8
42	3711F96	4162D 5	4063D 8
40	3676F97	4247D 5	4063D 9
38	3635F97	4329^ 5	4365D 9
36	3592F98	4403^ 5	4443D 9
34	3556F98	4456^ 5	4498D 9
32	3554F99	4505^ 6	4547D 9
30	3586F99	4519^ 6	4561D 9
20	3741F 0	4522D 8	4563D11
10	3895F 1	4430D10	4470D14
0	4050F 2		4493D16
-10	4072F 4	4460D14	4503D17

High QNH **+60** per .10"
Low QNH **-150** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 1 CONTAM

OAT °C	Flaps -10T	+0	+10H
28			
26			
24			
22			
20			
18			
16			
14			
12			
10			
0			
-10			
-20			
-30			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3189F93	3341F95
26		3204F93	3357F96
24		3232F93	3371F96
22		3260F93	3386F96
20		3274F94	3401F96
18		3286F94	3415F97
16		3300F94	3428F97
14		3312F95	
12		3325F95	
10		3340F95	
0		3416F97	3548F 0
-10			3627F 1
-20		3565F 0	3744F 3
-30		3653F 2	3852F 5

High QNH **+10** per .10"
Low QNH **-300** per .10"

Engine A/I ON **-320**
Wing A/I ON **-320**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	809	Length	5519	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.33
Rwy Rev.		Program						Rules	FAA		**01 Oct 18**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1379'		**DT H166**	**1379'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.5	4482^29	4580^31	4612^31	4481^22	4580D31	4612D31	4658
46	87.7	4593^30	4692^32	4724^33	4590^23	4692D32	4724D33	4773
44	87.8	4688^32	4788^34	4822^34	4683^23	4788D33	4822D34	4858
42	87.6	4762^33	4865^35	4898^35	4756^23	4865D33	4898D35	4940
40	87.5	4787^33	4890^35	4924^36	4782^23	4890D34	4924D36	4958
38	87.2	4796^33	4901^35	4935^36	4791^24	4901D34	4935D36	4960
36	86.9	4797^33	4902^35	4937^36	4793^24	4902D35	4937D36	4962
34	86.6	4798^33	4903^35	4938^36	4794^25	4903D35	4938D36	4964
32	86.4	4798^33	4904^35	4939^36	4794^25	4904D35	4939D36	4966
30	86.1	4799^33	4905^35	4940^36	4795^25	4905D35	4940D36	4968
20	84.7	4800^33	4910^35	4946^36	4800^28	4910D35	4946D36	4976
10	83.2	4789^33	4902^35	4939^36	4789D30	4902D35	4939D36	4971
0	81.7	4789^33	4906^35	4944^36	4789D33	4906D35	4944D36	4983
-10	80.2	4783^33	4903^35	4943^36	4783D33	4903D35	4943D36	4986
-20	78.6	4771^33	4894^35	4936^36	4771D33	4894D35	4936D36	4983
-30	77.1	4757^33	4885^35	4928^36	4757D33	4885D35	4928D36	4980

High QNH **+0** per .10" Engine A/I ON **-850**
Low QNH **-170** per .10" Wing A/I ON **-850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.7	4495^29	4591^31	4624^31	4495D24	4591D31	4624D31	4659
46	90.9	4606^31	4703^32	4736^33	4604^24	4703D32	4736D33	4775
44	90.9	4711^32	4809^34	4843^34	4707^25	4809D34	4843D34	4881
42	90.8	4815^34	4915^35	4948^36	4810^25	4915D35	4948D36	4985
40	90.7	4910^35	5012^36	5045^37	4903^25	5012D36	5045D37	5071
38	90.4	5002^36	5071A37	5071A37	4994^25	5071A36	5071A37	5071
36	90.1	5071A37	5071A37	5071A37	5071A25	5071A37	5071A37	5071
34	89.8	5071A37	5071A37	5071A37	5071A26	5071A37	5071A37	5071
32	89.5	5071A37	5071A37	5071A37	5071A26	5071A37	5071A37	5071
30	89.3	5071A37	5071A37	5071A37	5071A27	5071A37	5071A37	5071
20	87.7	5071A37	5071A37	5071A37	5071A29	5071A37	5071A37	5071
10	86.2	5071A37	5071A37	5071A37	5071A31	5071A37	5071A37	5071
0	84.7	5071A37	5071A37	5071A37	5071A34	5071A37	5071A37	5071
-10	83.1	5071A37	5071A37	5071A37	5071A36	5071A37	5071A37	5071
-20	81.5	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37	5071
-30	79.9	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-180** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.7	4495^29-29-38	4591^31-31-40	4624^31-31-40	4656^32-32-41
46	90.9	4606^31-31-40	4703^32-32-41	4736^33-33-42	4769^33-33-42
44	90.9	4711^32-32-42	4809^34-34-43	4843^34-34-43	4876^35-35-44
42	90.8	4815^34-34-43	4915^35-35-45	4948^36-36-45	4981^36-36-46
40	90.7	4910^35-35-44	5012^36-36-46	5045^37-37-46	5071A37-37-47
38	90.4	5002^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	90.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.5	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	89.3	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	86.2	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	81.5	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	79.9	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-180** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 379 Length 9856 Shift **0** Clearway 0 Stopway 0 Slope -0.63
Rwy Rev. Program Rules FAA **10 Jan 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4495^29	4591^31	4624^31
46	4606^31	4703^32	4736^33
44	4711^32	4809^34	4843^34
42	4815^34	4915^35	4948^36
40	4910^35	5012^36	5045^37
38	5002^36	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A37	5071A37	5071A37
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4487^29	4584^31	4616^31
46	4598^31	4696^32	4728^33
44	4703^32	4801^34	4835^34
42	4806^33	4906^35	4939^36
40	4902^35	5003^36	5037^37
38	4993^36	5071A37	5071A37
36	5071A37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A37	5071A37	5071A37
10	5065^37	5071A37	5071A37
0	5061^37	5071A37	5071A37
-10	5064^37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4495D24	4591D31	4624D31
46	4604^24	4703D32	4736D33
44	4707^25	4809D34	4843D34
42	4810^25	4915D35	4948D36
40	4903^25	5012D36	5045D37
38	4994^25	5071A36	5071A37
36	5071A25	5071A37	5071A37
34	5071A26	5071A37	5071A37
32	5071A26	5071A37	5071A37
30	5071A27	5071A37	5071A37
20	5071A29	5071A37	5071A37
10	5071A31	5071A37	5071A37
0	5071A34	5071A37	5071A37
-10	5071A36	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4487D24	4584D31	4616D31
46	4596^24	4696D32	4728D33
44	4699^25	4801D34	4835D34
42	4800^25	4906D35	4939D36
40	4896^25	5003D36	5037D37
38	4985^25	5071A36	5071A37
36	5063^25	5071A36	5071A37
34	5071A26	5071A37	5071A37
32	5071A26	5071A37	5071A37
30	5071A26	5071A37	5071A37
20	5071A29	5071A37	5071A37
10	5065^31	5071A37	5071A37
0	5061D34	5071A37	5071A37
-10	5064D36	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4627F 3	4895F12	4988F16
26	4640F 3	4908F13	5002F16
24	4651F 3	4922F13	5016F16
22	4664F 4	4935F14	5030F17
20	4674F 4	4947F14	5044F17
18	4687F 4	4961F14	5058F18
16	4700F 5	4975F15	5071A18
14	4711F 5	4988F15	5071A19
12	4722F 6	5001F16	5071A19
10	4732F 6	5014F16	5071A20
0	4801F 8	5071A18	5071A22
-10	4868F10	5071A21	5071A25
-20	4936F12	5071A23	5071A27
-30	5005F14	5071A26	5071A30

High QNH **+0** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-500**
Wing A/I ON **-500**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4282F 8	4519F17	4604F20
26	4293F 8	4531F17	4616F20
24	4304F 8	4544F18	4628F21
22	4315F 9	4556F18	4640F21
20	4326F 9	4568F18	4652F22
18	4336F 9	4580F19	4665F22
16	4347F10	4592F19	4677F22
14	4358F10	4604F20	4689F23
12	4368F10	4614F20	4700F23
10	4378F11	4625F20	4711F23
0	4438F13	4692F22	4780F25
-10	4495F14	4756F24	4850F27
-20	4554F17	4821F26	4920F29
-30	4610F19	4890F28	4995F31

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-510**
Wing A/I ON **-510**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	379	Length	9856	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.63
Rwy Rev.		Program						Rules	FAA		**10 Jan 19**

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SAN JOSE DEL CABO -SJD 34 *RT H360*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1379'		RT H360	1379'	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.5	4467^29	4566^30	4598^31	4465^23	4566D30	4598D31	4658
46	87.7	4577^30	4676^32	4709^32	4572^23	4676D32	4709D33	4773
44	87.8	4671^32	4772^33	4806^34	4665^23	4772D33	4806D34	4858
42	87.6	4745^33	4848^34	4882^35	4703F24	4848D33	4882D35	4940
40	87.5	4770^33	4873^35	4908^35	4730F24	4873D34	4908D35	4958
38	87.2	4779^33	4883^35	4919^35	4744F24	4883D34	4919D36	4960
36	86.9	4780^33	4885^35	4921^35	4757F25	4885D35	4921D36	4962
34	86.6	4781^33	4886^35	4922^36	4770F25	4886D35	4922D36	4964
32	86.4	4781^33	4887^35	4923^36	4775^25	4887D35	4923D36	4966
30	86.1	4781^33	4888^35	4924^36	4776^26	4888D35	4924D36	4968
20	84.7	4783^33	4893^35	4930^36	4781^28	4893D35	4930D36	4976
10	83.2	4772^33	4885^35	4924^36	4772D30	4885D35	4924D36	4971
0	81.7	4773^33	4889^35	4928^36	4773D33	4889D35	4928D36	4983
-10	80.2	4766^33	4886^35	4927^36	4766D33	4886D35	4927D36	4986
-20	78.6	4755^33	4879^35	4921^35	4755D33	4879D35	4921D36	4983
-30	77.1	4740^32	4869^35	4913^35	4740D33	4869D35	4913D35	4980

High QNH **+0** per .10" — Engine A/I ON **-830**
Low QNH **-170** per .10" — Wing A/I ON **-830**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.7	4481^29	4578^31	4611^31	4481^25	4578D31	4611D31	4659
46	90.9	4592^30	4690^32	4723^33	4589^25	4690D32	4723D33	4775
44	90.9	4696^32	4795^34	4828^34	4692^26	4795D34	4828D34	4881
42	90.8	4799^33	4901^35	4934^36	4793^26	4901D35	4934D36	4985
40	90.7	4894^35	4996^36	5030^37	4886^26	4996D36	5030D37	5071
38	90.4	4985^36	5071A37	5071A37	4949F26	5071A36	5071A37	5071
36	90.1	5071A37	5071A37	5071A37	4993F26	5071A37	5071A37	5071
34	89.8	5071A37	5071A37	5071A37	5027F27	5071A37	5071A37	5071
32	89.5	5071A37	5071A37	5071A37	5047F27	5071A37	5071A37	5071
30	89.3	5071A37	5071A37	5071A37	5061F27	5071A37	5071A37	5071
20	87.7	5071A37	5071A37	5071A37	5071A29	5071A37	5071A37	5071
10	86.2	5071A37	5071A37	5071A37	5071A32	5071A37	5071A37	5071
0	84.7	5071A37	5071A37	5071A37	5071A34	5071A37	5071A37	5071
-10	83.1	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37	5071
-20	81.5	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37	5071
-30	79.9	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37	5071

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-180** per .10" — Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.7	4481^29-29-38	4578^31-31-40	4611^31-31-40	4643^32-32-41
46	90.9	4592^30-30-40	4690^32-32-41	4723^33-33-42	4755^33-33-42
44	90.9	4696^32-32-41	4795^34-34-43	4828^34-34-43	4862^35-35-44
42	90.8	4799^33-33-43	4901^35-35-44	4934^36-36-45	4968^36-36-45
40	90.7	4894^35-35-44	4996^36-36-46	5030^37-37-46	5064^37-37-47
38	90.4	4985^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	90.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.5	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	89.3	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	86.2	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.1	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	81.5	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	79.9	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" — Engine A/I ON **+0**
Low QNH **-180** per .10" — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 379 Length 9856 Shift **0** Clearway 0 Stopway 0 Slope +0.63
Rwy Rev. Program Rules FAA **10 Jan 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4481^29	4578^31	4611^31	4474^29	4571^30	4603^31			
46	4592^30	4690^32	4723^33	4584^30	4682^32	4715^33			
44	4696^32	4795^34	4828^34	4688^32	4787^33	4820^34			
42	4799^33	4901^35	4934^36	4790^33	4891^35	4925^35			
40	4894^35	4996^36	5030^37	4886^34	4988^36	5023^37			
38	4985^36	5071A37	5071A37	4976^36	5071A37	5071A37			
36	5071A37	5071A37	5071A37	5056^37	5071A37	5071A37			
34	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37			
32	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37			
30	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37			
20	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37			
10	5071A37	5071A37	5071A37	5048^36	5071A37	5071A37			
0	5071A37	5071A37	5071A37	5045^36	5071A37	5071A37			
-10	5071A37	5071A37	5071A37	5047^36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -180 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4481^25	4578D31	4611D31	4473^25	4571D31	4603D31			
46	4589^25	4690D32	4723D33	4581^25	4682D32	4715D33			
44	4692^26	4795D34	4828D34	4683^25	4787D34	4820D34			
42	4793^26	4901D35	4934D36	4784^25	4891D35	4925D36			
40	4886^26	4996D36	5030D37	4878^26	4988D36	5023D37			
38	4949F26	5071A36	5071A37	4932F26	5071A36	5071A37			
36	4993F26	5071A37	5071A37	4980F26	5071A36	5071A37			
34	5027F27	5071A37	5071A37	5013F26	5071A37	5071A37			
32	5047F27	5071A37	5071A37	5032F27	5071A37	5071A37			
30	5061F27	5071A37	5071A37	5050F27	5071A37	5071A37			
20	5071A29	5071A37	5071A37	5071A29	5071A37	5071A37			
10	5071A32	5071A37	5071A37	5047^32	5071A37	5071A37			
0	5071A34	5071A37	5071A37	5045D34	5071A37	5071A37			
-10	5071A37	5071A37	5071A37	5047D36	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -180 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4493F 7	4755F16	4846F19	4188F10	4409F20	4490F22			
26	4505F 7	4768F17	4859F20	4200F11	4420F20	4502F23			
24	4517F 7	4781F17	4872F20	4208F11	4432F20	4514F23			
22	4528F 8	4794F17	4885F21	4219F11	4442F21	4526F23			
20	4538F 8	4807F18	4899F21	4229F12	4453F21	4538F24			
18	4550F 8	4820F18	4912F21	4239F12	4465F21	4551F24			
16	4562F 9	4833F19	4926F22	4248F12	4476F22	4563F24			
14	4573F 9	4845F19	4937F22	4257F13	4488F22	4575F25			
12	4584F10	4857F19	4950F22	4266F13	4499F22	4587F25			
10	4595F10	4869F20	4963F23	4275F14	4510F23	4598F26			
0	4661F12	4939F22	5039F25	4328F15	4576F25	4669F27			
-10	4725F14	5012F24	5071A27	4380F17	4641F26	4738F29			
-20	4789F16	5071A26	5071A30	4434F19	4707F28	4810F31			
-30	4854F18	5071A29	5071A33	4489F21	4776F30	4882F33			
	High QNH +0 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -90 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -490 Wing A/I ON -490			Engine A/I ON -470 Wing A/I ON -470			Engine A/I ON Wing A/I ON		

Elevation 379 Length 9856 Shift **0** Clearway 0 Stopway 0 Slope +0.63

Rwy Rev. Program Rules FAA **10 Jan 19**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7035'		**RT H155**	**7035'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
36	89.0	4067^23	4149^24	4177^25
34	89.2	4144^24	4228^25	4256^26
32	89.5	4215^25	4306^27	4334^27
30	89.7	4286^26	4387^28	4415^28
28	89.8	4361^27	4469^29	4498^30
26	89.9	4436^28	4552^30	4581^31
24	90.0	4510F29	4633^31	4662^32
22	90.1	4550^30	4677^32	4707^32
20	90.2	4558^30	4680^32	4710^33
18	89.9	4563^30	4681^32	4711^33
16	89.6	4568^30	4682^32	4712^33
10	88.7	4581^30	4684^32	4715^33
0	87.1	4586^30	4680^32	4712^33
-10	85.5	4573^30	4670^32	4702^32
-20	83.9	4565^30	4666^32	4699^32
-30	82.2	4548^30	4653^32	4687^32

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4053^13	4149D22	4177D25	4233
4121^13	4228D23	4256D26	4312
4180F14	4306D23	4334D26	4390
4235F14	4387D23	4415D27	4471
4293F15	4468^24	4498D27	4555
4350F15	4549^24	4581D27	4640
4405F16	4629^24	4662^28	4724
4446F16	4672^25	4707^28	4764
4460F16	4677^25	4710D29	4770
4474F17	4679^26	4711D29	4772
4487F17	4680^26	4712D30	4773
4525F18	4684^28	4715D31	4777
4576^20	4680D30	4712D33	4779
4568^23	4670D32	4702D32	4771
4565D25	4666D32	4699D32	4773
4548D28	4653D32	4687D32	4765

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-4030** — Wing A/I ON **-4030**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
36	93.8	4078^23	4160^25	4187^25
34	93.8	4157^24	4239^26	4267^26
32	93.8	4235^25	4318^27	4346^27
30	93.7	4310^26	4399^28	4427^29
28	93.7	4386^28	4482^29	4510^30
26	93.6	4462^29	4565^30	4593^31
24	93.6	4539^30	4648^32	4677^32
22	93.5	4582^30	4694^32	4723^33
20	93.5	4597^31	4699^32	4728^33
18	93.2	4602^31	4699^32	4723^33
16	93.0	4607^31	4700^32	4730^33
10	92.0	4611^31	4701^32	4731^33
0	90.3	4604^31	4698^32	4729^33
-10	88.7	4591^30	4687^32	4719^33
-20	87.0	4583^30	4683^32	4716^33
-30	85.2	4567^30	4669^32	4703^32

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4072^14	4160D24	4187D25	4234
4146^15	4239D24	4267D26	4313
4213^15	4318D25	4346D27	4392
4281^16	4399D25	4427D28	4473
4353^16	4482D26	4510D29	4557
4418F16	4564^26	4593D29	4642
4479F17	4645^26	4677D30	4726
4526F18	4691^27	4723D30	4767
4557^18	4698^28	4728D31	4773
4564^19	4699D29	4723D32	4769
4570^19	4700D29	4730D32	4776
4589^20	4701D31	4731D33	4779
4599^23	4698D32	4729D33	4781
4590^25	4687D32	4719D33	4773
4583D28	4683D32	4716D33	4774
4567D30	4669D32	4703D33	4767

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-4070** — Wing A/I ON **-4070**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
36	93.8	4078^23-23-32	4160^25-25-34	4187^25-25-34	4215^26-26-34
34	93.8	4157^24-24-33	4239^26-26-35	4267^26-26-35	4294^27-27-36
32	93.8	4235^25-25-35	4318^27-27-36	4346^27-27-36	4374^28-28-37
30	93.7	4310^26-26-36	4399^28-28-37	4427^29-29-38	4455^29-29-38
28	93.7	4386^28-28-37	4482^29-29-38	4510^30-30-39	4538^30-30-39
26	93.6	4462^29-29-38	4565^30-30-40	4593^31-31-40	4622^31-31-40
24	93.6	4539^30-30-39	4648^32-32-41	4677^32-32-41	4706^33-33-42
22	93.5	4582^30-30-40	4694^32-32-41	4723^33-33-42	4752^33-33-42
20	93.5	4597^31-31-40	4699^32-32-42	4728^33-33-42	4757^33-33-42
18	93.2	4602^31-31-40	4699^32-32-42	4723^33-33-42	4759^33-33-42
16	93.0	4607^31-31-40	4700^32-32-42	4730^33-33-42	4760^33-33-42
10	92.0	4611^31-31-40	4701^32-32-42	4731^33-33-42	4761^33-33-42
0	90.3	4604^31-31-40	4698^32-32-42	4729^33-33-42	4760^33-33-42
-10	88.7	4591^30-30-40	4687^32-32-41	4719^33-33-42	4751^33-33-42
-20	87.0	4583^30-30-40	4683^32-32-41	4716^33-33-42	4749^33-33-42
-30	85.2	4567^30-30-40	4669^32-32-41	4703^32-32-42	4737^33-33-42

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-4070** — Wing A/I ON **-4070**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6035 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.08

Rwy Rev. Program Rules FAA **23 Feb 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	4078^23	4160^25	4187^25
34	4157^24	4239^26	4267^26
32	4235^25	4318^27	4346^27
30	4310^26	4399^28	4427^29
28	4386^28	4482^29	4510^30
26	4462^29	4565^30	4593^31
24	4539^30	4648^32	4677^32
22	4582^30	4694^32	4723^33
20	4597^31	4699^32	4728^33
18	4602^31	4699^32	4723^33
16	4607^31	4700^32	4730^33
10	4611^31	4701^32	4731^33
0	4604^31	4698^32	4729^33
-10	4591^30	4687^32	4719^33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4070**
Wing A/I ON **-4070**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4072^23	4154^24	4181^25
34	4151^24	4233^26	4261^26
32	4229^25	4312^27	4340^27
30	4303^26	4393^28	4421^28
28	4379^27	4475^29	4504^30
26	4455^29	4553^30	4582^31
24	4510^29	4616^31	4645^32
22	4553^30	4675^32	4704^33
20	4591^30	4693^32	4721^33
18	4595^31	4693^32	4723^33
16	4600^31	4694^32	4718^33
10	4203^25	4292^26	4321^27
0	4535^30	4628^31	4659^32
-10	4525^29	4621^31	4652^32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	4072^14	4160D24	4187D25
34	4146^15	4239D24	4267D26
32	4213^15	4318D25	4346D27
30	4281^16	4399D25	4427D28
28	4353^16	4482D26	4510D29
26	4418F16	4564^26	4593D29
24	4479F17	4645^26	4677D30
22	4526F18	4691^27	4723D30
20	4557^18	4698^28	4728D31
18	4564^19	4699D29	4723D32
16	4570^19	4700D29	4730D32
10	4589^20	4701D31	4731D33
0	4599^23	4698D32	4729D33
-10	4590^25	4687D32	4719D33

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-4070**
Wing A/I ON **-4070**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4065^14	4154D24	4181D25
34	4139^15	4233D24	4261D26
32	4206^15	4312D25	4340D27
30	4274^15	4393D25	4421D28
28	4346^16	4475D25	4504D29
26	4409F16	4553^26	4582D29
24	4461F17	4614^26	4645D30
22	4505F18	4673^27	4704D30
20	4550^18	4692^28	4721D31
18	4557^19	4693D28	4723D32
16	4564^19	4694D29	4718D32
10	4203D23	4292D27	4321D27
0	4531^23	4628D31	4659D32
-10	4525D26	4621D31	4652D32

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3823F96	4044F 5	4122F 8
26	3882F96	4105F 5	4181F 8
24	3941F97	4167F 5	4244F 8
22	3984F97	4213F 6	4292F 9
20	4008F98	4241F 7	4321F 9
18	4020F98	4254F 7	4335F10
16	4031F98	4266F 7	4349F10
14	4042F99	4279F 8	4361F11
12	4052F99	4290F 8	4374F11
10	4064F99	4302F 8	4388F11
0	4118F 1	4365F10	4451F13
-10	4176F 3	4430F12	4515F16
-20	4236F 5	4497F15	4585F18
-30	4297F 7	4563F17	4657F20

High QNH **+110** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1920**
Wing A/I ON **-1920**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3538F 0	3728F 9	3792F12
26	3597F 1	3791F 9	3856F12
24	3659F 1	3858F10	3923F12
22	3707F 2	3910F10	3977F13
20	3740F 2	3947F11	4015F14
18	3751F 3	3958F11	4027F14
16	3761F 3	3968F12	4037F15
14	3772F 3	3979F12	4049F15
12	3782F 4	3989F12	4060F15
10	3792F 4	4000F13	4069F16
0	3841F 6	4051F15	4124F17
-10	3894F 8	4107F17	4185F19
-20	3944F 9	4165F19	4248F21
-30	3992F11	4225F21	4312F23

High QNH **+110** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1800**
Wing A/I ON **-1800**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 6035 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.08
Rwy Rev. Program Rules FAA **23 Feb 18**

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SAN LUIS POTOSI -SLP 32 *RT H005*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7035'		RT H005	7035'	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	89.0	4068^23	4151^24	4179^25	4061^12	4151D22	4179D25	4233
34	89.2	4146^24	4230^26	4258^26	4123F12	4230D22	4258D25	4312
32	89.5	4224^25	4308^27	4336^27	4178F13	4308D23	4336D26	4390
30	89.7	4304^26	4389^28	4417^28	4232F13	4388^23	4417D26	4471
28	89.8	4386^28	4471^29	4500^30	4289F14	4469^23	4500D26	4555
26	89.9	4453F28	4554^30	4583^31	4346F14	4551^24	4583D27	4640
24	90.0	4512F29	4635^31	4664^32	4401F15	4631^24	4663^27	4724
22	90.1	4557F30	4679^32	4709^33	4442F15	4675^24	4708^28	4764
20	90.2	4570F30	4682^32	4712^33	4456F16	4678^25	4711^28	4770
18	89.9	4582F30	4683^32	4713^33	4469F16	4680^25	4713D29	4772
16	89.6	4594F30	4684^32	4714^33	4483F16	4681^26	4714D29	4773
10	88.7	4594^30	4686^32	4717^33	4524F18	4685^27	4717D30	4777
0	87.1	4588^30	4682^32	4714^33	4579^19	4682D30	4714D33	4779
-10	85.5	4575^30	4672^32	4704^32	4570^22	4672D32	4704D33	4771
-20	83.9	4567^30	4668^32	4701^32	4567^24	4668D32	4701D32	4773
-30	82.2	4550^30	4654^32	4689^32	4550D27	4654D32	4689D32	4765

High QNH **+100** per .10" Engine A/I ON **-4040**
Low QNH **-170** per .10" Wing A/I ON **-4040**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	93.8	4080^23	4161^25	4189^25	4073^14	4161D23	4189D25	4234
34	93.8	4159^24	4241^26	4268^26	4151^14	4241D24	4268D26	4313
32	93.8	4237^25	4320^27	4348^27	4227^14	4320D24	4348D27	4392
30	93.7	4317^27	4401^28	4429^29	4298F15	4401D25	4429D28	4473
28	93.7	4399^28	4483^29	4512^30	4356F15	4483^25	4512D28	4557
26	93.6	4481^29	4566^30	4595^31	4415F16	4565^25	4595D29	4642
24	93.6	4563^30	4649^32	4678^32	4475F16	4646^26	4678D29	4726
22	93.5	4608^31	4695^32	4725^33	4524F17	4692^27	4725D30	4767
20	93.5	4613^31	4701^32	4729^33	4557F18	4699^28	4729D31	4773
18	93.2	4613^31	4701^32	4731^33	4571F18	4701^28	4731D31	4774
16	93.0	4613^31	4702^32	4731^33	4585F18	4702D28	4731D32	4776
10	92.0	4613^31	4703^32	4733^33	4602^20	4703D30	4733D33	4779
0	90.3	4606^31	4699^32	4730^33	4600^22	4699D32	4730D33	4781
-10	88.7	4592^30	4688^32	4720^33	4591^25	4688D32	4720D33	4773
-20	87.0	4585^30	4684^32	4717^33	4585D27	4684D32	4717D33	4774
-30	85.2	4568^30	4671^32	4705^32	4568D30	4671D32	4705D33	4767

High QNH **+100** per .10" Engine A/I ON **-4070**
Low QNH **-170** per .10" Wing A/I ON **-4070**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
36	93.8	4080^23-23-32	4161^25-25-34	4189^25-25-34	4216^26-26-34
34	93.8	4159^24-24-33	4241^26-26-35	4268^26-26-35	4296^27-27-36
32	93.8	4237^25-25-35	4320^27-27-36	4348^27-27-36	4375^28-28-37
30	93.7	4317^27-27-36	4401^28-28-37	4429^29-29-38	4457^29-29-38
28	93.7	4399^28-28-37	4483^29-29-38	4512^30-30-39	4540^30-30-39
26	93.6	4481^29-29-38	4566^30-30-40	4595^31-31-40	4624^31-31-40
24	93.6	4563^30-30-40	4649^32-32-41	4678^32-32-41	4707^33-33-42
22	93.5	4608^31-31-40	4695^32-32-42	4725^33-33-42	4754^33-33-42
20	93.5	4613^31-31-40	4701^32-32-42	4729^33-33-42	4759^33-33-42
18	93.2	4613^31-31-40	4701^32-32-42	4731^33-33-42	4760^33-33-42
16	93.0	4613^31-31-40	4702^32-32-42	4731^33-33-42	4762^33-33-42
10	92.0	4613^31-31-40	4703^32-32-42	4733^33-33-42	4764^33-33-42
0	90.3	4606^31-31-40	4699^32-32-42	4730^33-33-42	4762^33-33-42
-10	88.7	4592^30-30-40	4688^32-32-41	4720^33-33-42	4752^33-33-42
-20	87.0	4585^30-30-40	4684^32-32-41	4717^33-33-42	4750^33-33-42
-30	85.2	4568^30-30-40	4671^32-32-41	4705D32-32-42	4739^33-33-42

High QNH **+100** per .10" Engine A/I ON **-4070**
Low QNH **-170** per .10" Wing A/I ON **-4070**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 6035 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope -0.08
Rwy Rev. Program Rules FAA **12 May 16**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
36	4080^23	4161^25	4189^25	4074^23	4155^24	4182^25			
34	4159^24	4241^26	4268^26	4152^24	4235^26	4262^26			
32	4237^25	4320^27	4348^27	4231^25	4314^27	4342^27			
30	4317^27	4401^28	4429^29	4311^26	4395^28	4423^29			
28	4399^28	4483^29	4512^30	4392^28	4477^29	4505^30			
26	4481^29	4566^30	4595^31	4470^29	4555^30	4584^31			
24	4563^30	4649^32	4678^32	4531^30	4617^31	4646^32			
22	4608^31	4695^32	4725^33	4589^31	4677^32	4706^33			
20	4613^31	4701^32	4729^33	4606^31	4694^32	4723^33			
18	4613^31	4701^32	4731^33	4607^31	4696^32	4724^33			
16	4613^31	4702^32	4731^33	4607^31	4696^32	4725^33			
10	4613^31	4703^32	4733^33	4205^25	4293^27	4322^27			
0	4606^31	4699^32	4730^33	4537^30	4630^31	4661^32			
-10	4592^30	4688^32	4720^33	4527^29	4622^31	4654^32			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4070** Wing A/I ON **-4070**			Engine A/I ON **-40** Wing A/I ON **-40**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
36	4073^14	4161D23	4189D25	4066^13	4155D23	4182D25			
34	4151^14	4241D24	4268D26	4144^14	4235D24	4262D26			
32	4227^14	4320D24	4348D27	4221^14	4314D24	4342D27			
30	4298F15	4401D25	4429D28	4289F15	4395D24	4423D28			
28	4356F15	4483^25	4512D28	4347F15	4476^25	4505D28			
26	4415F16	4565^25	4595D29	4405F16	4554^25	4584D28			
24	4475F16	4646^26	4678D29	4457F16	4615^26	4646D29			
22	4524F17	4692^27	4725D30	4503F17	4674^26	4706D30			
20	4557F18	4699^28	4729D31	4548F18	4693^27	4723D31			
18	4571F18	4701^28	4731D31	4562F18	4694^28	4724D31			
16	4585F18	4702D28	4731D32	4576F18	4696D28	4725D32			
10	4602^20	4703D30	4733D33	4205D22	4293D27	4322D27			
0	4600^22	4699D32	4730D33	4532^22	4630D31	4661D32			
-10	4591^25	4688D32	4720D33	4527D25	4622D31	4654D32			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-210** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4070** Wing A/I ON **-4070**			Engine A/I ON **-40** Wing A/I ON **-40**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3818F95	4038F 4	4115F 7	3524F 0	3716F 8	3781F11			
26	3877F95	4099F 4	4174F 7	3584F 0	3779F 8	3845F11			
24	3936F96	4160F 4	4237F 7	3645F 0	3843F 9	3912F12			
22	3978F96	4206F 5	4285F 8	3693F 1	3897F 9	3965F12			
20	4002F97	4234F 6	4314F 9	3725F 2	3934F10	4003F13			
18	4013F97	4246F 6	4328F 9	3736F 2	3946F11	4014F13			
16	4024F97	4259F 6	4340F 9	3746F 2	3956F11	4025F14			
14	4035F98	4271F 7	4353F10	3757F 3	3967F11	4036F14			
12	4046F98	4284F 7	4367F10	3767F 3	3977F12	4045F14			
10	4057F98	4295F 7	4380F10	3777F 3	3988F12	4056F15			
0	4109F 0	4357F 9	4443F12	3824F 5	4038F14	4112F17			
-10	4168F 2	4421F11	4510F15	3878F 7	4093F16	4172F19			
-20	4228F 4	4489F14	4578F17	3931F 9	4152F18	4235F21			
-30	4290F 6	4556F16	4649F19	3979F11	4212F20	4299F23			
	High QNH **+110** per .10" Low QNH **-160** per .10"			High QNH **+100** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1940** Wing A/I ON **-1940**			Engine A/I ON **-1840** Wing A/I ON **-1840**			Engine A/I ON Wing A/I ON		

Elevation 6035 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope -0.08

Rwy Rev. Program Rules FAA **12 May 16**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1080'		**DT H141**	**1080'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4403F27	4627^31	4660^32
46	87.7	4480F28	4736F33	4773^33
44	87.6	4527F29	4788F33	4860^35
42	87.4	4547F29	4808F34	4897F35
40	87.2	4564F29	4827F34	4917F35
38	86.9	4575F30	4839F34	4928^36
36	86.6	4587F30	4851F34	4930^36
34	86.3	4598F30	4863F35	4932^36
32	86.1	4610F30	4876F35	4933^36
30	85.8	4622F30	4886F35	4934^36
20	84.4	4683F31	4903^35	4939^36
10	82.9	4741F32	4895^35	4933^36
0	81.4	4782^33	4899^35	4939^36
-10	79.9	4776^33	4897^35	4938^36
-20	78.4	4764^33	4889^35	4931^36
-30	76.8	4750^33	4879^35	4923^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4325F15	4620F24	4660^27	4713
4398F15	4698F25	4772^28	4832
4444F16	4748F25	4853F28	4894
4464F16	4769F25	4875F28	4946
4482F16	4789F26	4895F29	4959
4495F17	4802F26	4909F29	4961
4507F17	4816F26	4923F29	4962
4520F17	4830F27	4930^30	4964
4533F18	4844F27	4932^30	4966
4546F18	4858F27	4933^31	4968
4611F20	4901^29	4939D33	4976
4679F22	4895D32	4933D35	4972
4751F23	4899D34	4939D36	4984
4773^26	4897D35	4938D36	4987
4764D28	4889D35	4931D36	4985
4750D31	4879D35	4923D36	4983

High QNH **+0** per .10" — Low QNH **-160** per .10"
Engine A/I ON **-850** — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4502F29	4639^31	4672^32
46	90.9	4586F30	4753^33	4786^34
44	90.8	4663F31	4860^34	4893^35
42	90.5	4734F32	4965^36	4999^36
40	90.3	4777F32	5046F37	5071A37
38	90.0	4817F33	5071A37	5071A37
36	89.7	4855F33	5071A37	5071A37
34	89.5	4879F33	5071A37	5071A37
32	89.2	4893F34	5071A37	5071A37
30	88.9	4905F34	5071A37	5071A37
20	87.4	4970F35	5071A36	5071A36
10	85.9	5034F36	5071A37	5071A37
0	84.3	5071A36	5071A36	5071A36
-10	82.8	5071A36	5071A36	5071A36
-20	81.2	5071A36	5071A36	5071A36
-30	79.6	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4398F16	4637^26	4672D29	4714
4473F17	4750^26	4786D30	4833
4543F17	4855^27	4892^30	4939
4607F18	4927F27	4996^31	5042
4654F18	4976F27	5071A31	5071
4699F18	5022F28	5071A31	5071
4743F18	5066F28	5071A31	5071
4772F18	5071A28	5071A32	5071
4787F19	5071A29	5071A32	5071
4801F19	5071A29	5071A33	5071
4870F21	5071A31	5071A35	5071
4940F23	5071A34	5071A37	5071
5017F25	5071A36	5071A36	5071
5071A27	5071A36	5071A36	5071
5071A29	5071A36	5071A36	5071
5071A32	5071A36	5071A36	5071

High QNH **+0** per .10" — Low QNH **-180** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4502F29-29-39	4639^31-31-41	4672^32-32-41	4704^33-33-42
46	90.9	4586F30-30-40	4753^33-33-42	4786^34-34-43	4819^34-34-43
44	90.8	4663F31-31-41	4860^34-34-44	4893^35-35-44	4927^36-36-45
42	90.5	4734F32-32-42	4965^36-36-45	4999^36-36-46	5033^37-37-46
40	90.3	4777F32-32-43	5046F37-37-46	5071A37-37-47	5071A37-37-47
38	90.0	4817F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	4855F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.5	4879F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.2	4893F34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.9	4905F34-34-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.4	4970F35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.9	5034F36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.3	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Low QNH **-180** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	80	Length	8366	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.07
Rwy Rev.		Program						Rules	FAA		**23 Aug 18**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4502F29	4639^31	4672^32
46	4586F30	4753^33	4786^34
44	4663F31	4860^34	4893^35
42	4734F32	4965^36	4999^36
40	4777F32	5046F37	5071A37
38	4817F33	5071A37	5071A37
36	4855F33	5071A37	5071A37
34	4879F33	5071A37	5071A37
32	4893F34	5071A37	5071A37
30	4905F34	5071A37	5071A37
20	4970F35	5071A36	5071A36
10	5034F36	5071A37	5071A37
0	5071A36	5071A36	5071A36
-10	5071A36	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4491F29	4631^31	4664^32
46	4573F30	4745^33	4778^33
44	4644F31	4851^34	4885^35
42	4704F31	4955^36	4989^36
40	4764F32	5032F37	5071A37
38	4803F33	5071A37	5071A37
36	4842F33	5071A37	5071A37
34	4868F33	5071A37	5071A37
32	4879F33	5071A37	5071A37
30	4892F34	5071A37	5071A37
20	4957F35	5071A37	5071A37
10	4996F35	5071A37	5071A37
0	5058F37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4398F16	4637^26	4672D29
46	4473F17	4750^26	4786D30
44	4543F17	4855^27	4892^30
42	4607F18	4927F27	4996^31
40	4654F18	4976F27	5071A31
38	4699F18	5022F28	5071A31
36	4743F18	5066F28	5071A31
34	4772F18	5071A28	5071A32
32	4787F19	5071A29	5071A32
30	4801F19	5071A29	5071A33
20	4870F21	5071A31	5071A35
10	4940F23	5071A34	5071A37
0	5017F25	5071A36	5071A36
-10	5071A27	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4389F16	4630^26	4664D29
46	4464F17	4742^26	4778D30
44	4530F17	4843F26	4884^30
42	4588F17	4905F27	4986^30
40	4645F18	4965F27	5071A30
38	4689F18	5010F27	5071A31
36	4733F18	5055F28	5071A31
34	4762F18	5071A28	5071A32
32	4776F19	5071A28	5071A32
30	4791F19	5071A29	5071A33
20	4861F21	5071A31	5071A35
10	4906F23	5071A33	5071A37
0	4976F25	5071A36	5071A37
-10	5051F27	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	2712F 3	4509F 7	4601F10
26	2877F 3	4522F 7	4614F10
24	3014F 3	4532F 8	4627F11
22	3145F 3	4545F 8	4639F11
20	3262F 2	4558F 8	4653F12
18	3396F 2	4570F 9	4663F12
16	3529F 2	4582F 9	4676F12
14	3666F 2	4594F 9	4689F13
12	3778F 2	4606F10	4702F13
10	3898F 2	4618F10	4715F14
0	4406F 2	4686F12	4789F16
-10	4468F 4	4756F14	4862F18
-20	4528F 6	4828F17	4935F20
-30	4591F 8	4902F19	5015F22

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-480**
Wing A/I ON **-480**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3800F 1	4216F10	4347F12
26	3813F 2	4232F10	4363F13
24	3826F 2	4245F10	4378F13
22	3839F 2	4263F10	4393F13
20	3854F 3	4278F11	4410F14
18	3866F 3	4290F11	4424F14
16	3878F 3	4306F11	4439F14
14	3892F 3	4322F12	4454F15
12	3907F 4	4336F12	4470F15
10	3923F 4	4353F12	4486F15
0	4009F 6	4436F14	4562^17
-10	4102F 7	4507^16	4612^18
-20	4193F 9	4552^17	4605^18
-30	4270F10	4542^17	4594^18

High QNH **+80** per .10"
Low QNH **-120** per .10"

Engine A/I ON **-570**
Wing A/I ON **-570**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	80	Length	8366	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.07
Rwy Rev.		Program						Rules	FAA		**23 Aug 18**

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TAR Mexico **EMB-145** **AE3007A1P**

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1080'		**DT H321**	**1080'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4326^26	4480^29	4533^30
46	87.7	4414^27	4573^30	4627^31
44	87.6	4466^28	4627^31	4683^32
42	87.4	4486^28	4649^31	4704^32
40	87.2	4503^28	4665^31	4721^32
38	86.9	4510^28	4673^31	4729^32
36	86.6	4517^29	4680^31	4737^32
34	86.3	4525^29	4688^32	4744^33
32	86.1	4533^29	4696^32	4752^33
30	85.8	4541^29	4704^32	4761^33
20	84.4	4581^30	4744^32	4800^33
10	82.9	4615^30	4778^33	4834^34
0	81.4	4656^31	4818^34	4872^35
-10	79.9	4685^31	4840^34	4894^35
-20	78.4	4702^32	4856^34	4910^35
-30	76.8	4716^32	4872^35	4921^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4289^15	4480D25	4533D28	4713
4371^15	4573D25	4627D28	4832
4421^16	4627D26	4683D29	4894
4441^16	4649D26	4704D29	4946
4457^17	4665D26	4721D30	4959
4466^17	4673D27	4729D30	4961
4476^17	4680D27	4737D30	4962
4486^18	4688D28	4744D31	4964
4495^18	4696D28	4752D31	4966
4505^18	4704D28	4761D31	4968
4554^20	4744D30	4800D33	4976
4599^22	4778D32	4834D35	4972
4650^24	4818D34	4872D35	4984
4685D26	4840D35	4894D35	4987
4702D29	4856D35	4910D36	4985
4716D31	4872D35	4921D36	4983

High QNH **+20** per .10" — Engine A/I ON **-730**
Low QNH **-160** per .10" — Wing A/I ON **-730**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4378^27	4528^29	4580^30
46	90.9	4470^28	4625^31	4678^32
44	90.8	4555^29	4713^32	4768^33
42	90.5	4633^30	4795^33	4851^34
40	90.3	4696^31	4863^34	4920^35
38	90.0	4753^32	4924^35	4982^36
36	89.7	4808^32	4984^35	5043^36
34	89.5	4841^33	5018^36	5071A37
32	89.2	4852^33	5030^36	5071A37
30	88.9	4861^33	5039^36	5071A37
20	87.4	4905^34	5071A36	5071A36
10	85.9	4943^34	5071A37	5071A37
0	84.3	4991^35	5071A36	5071A36
-10	82.8	5034^36	5071A36	5071A36
-20	81.2	5071A36	5071A36	5071A36
-30	79.6	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4337^17	4528D26	4580D30	4714
4421^17	4625D27	4678D30	4833
4499^17	4713D28	4768D31	4939
4571^18	4795D28	4851D31	5042
4630^18	4858^28	4920D31	5071
4684F18	4915^28	4982D32	5071
4727F18	4970^28	5043D32	5071
4757F19	5004^29	5071A32	5071
4771F19	5018^29	5071A32	5071
4785F19	5029^29	5071A33	5071
4848^21	5071A31	5071A35	5071
4898^23	5071A34	5071A37	5071
4956^25	5071A36	5071A36	5071
5011^27	5071A36	5071A36	5071
5062^29	5071A36	5071A36	5071
5071A32	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **-100**
Low QNH **-170** per .10" — Wing A/I ON **-100**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4378^27-27-37	4528^29-29-39	4580^30-30-40	4633^31-31-40
46	90.9	4470^28-28-38	4625^31-31-40	4678^32-32-41	4732^33-33-42
44	90.8	4555^29-29-39	4713^32-32-42	4768^33-33-42	4823^34-34-43
42	90.5	4633^30-30-40	4795^33-33-43	4851^34-34-44	4908^35-35-44
40	90.3	4696^31-31-41	4863^34-34-44	4920^35-35-45	4978^36-36-45
38	90.0	4753^32-32-42	4924^35-35-45	4982^36-36-46	5042^37-37-46
36	89.7	4808^32-32-43	4984^35-35-46	5043^36-36-46	5071A37-37-47
34	89.5	4841^33-33-43	5018^36-36-46	5071A37-37-47	5071A37-37-47
32	89.2	4852^33-33-44	5030^36-36-46	5071A37-37-47	5071A37-37-47
30	88.9	4861^33-33-44	5039^36-36-46	5071A37-37-47	5071A37-37-47
20	87.4	4905^34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.9	4943^34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.3	4991^35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	5034^36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **-100**
Low QNH **-170** per .10" — Wing A/I ON **-100**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	80	Length	8366	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.07
Rwy Rev.		Program						Rules	FAA		**23 Aug 18**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4378^27	4528^29	4580^30	4370^27	4520^29	4571^30			
46	4470^28	4625^31	4678^32	4462^28	4616^31	4669^32			
44	4555^29	4713^32	4768^33	4542^29	4701^32	4755^33			
42	4633^30	4795^33	4851^34	4615^30	4778^33	4833^34			
40	4696^31	4863^34	4920^35	4686^31	4853^34	4910^35			
38	4753^32	4924^35	4982^36	4742^32	4914^34	4972^35			
36	4808^32	4984^35	5043^36	4797^32	4974^35	5033^36			
34	4841^33	5018^36	5071A37	4829^33	5007^36	5067^37			
32	4852^33	5030^36	5071A37	4840^33	5018^36	5071A37			
30	4861^33	5039^36	5071A37	4851^33	5029^36	5071A37			
20	4905^34	5071A36	5071A36	4897^34	5071A37	5071A37			
10	4943^34	5071A37	5071A37	4898^34	5071A37	5071A37			
0	4991^35	5071A36	5071A36	4932^34	5071A37	5071A37			
-10	5034^36	5071A36	5071A36	4970^35	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -100 Wing A/I ON -100			Engine A/I ON -100 Wing A/I ON -100			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4337^17	4528D26	4580D30	4329^16	4520D26	4571D30			
46	4421^17	4625D27	4678D30	4413^17	4616D27	4669D30			
44	4499^17	4713D28	4768D31	4488^17	4701D27	4755D31			
42	4571^18	4795D28	4851D31	4555^18	4778^28	4833D31			
40	4630^18	4858^28	4920D31	4621^18	4849^28	4910D31			
38	4684F18	4915^28	4982D32	4673F18	4905^28	4972D31			
36	4727F18	4970^28	5043D32	4717F18	4961^28	5033D31			
34	4757F19	5004^29	5071A32	4746F19	4994^28	5067D32			
32	4771F19	5018^29	5071A32	4761F19	5007^29	5071A32			
30	4785F19	5029^29	5071A33	4775F19	5020^29	5071A33			
20	4848^21	5071A31	5071A35	4841^21	5071A31	5071A35			
10	4898^23	5071A34	5071A37	4857^23	5071A33	5071A37			
0	4956^25	5071A36	5071A36	4903^25	5071A36	5071A37			
-10	5011^27	5071A36	5071A36	4954^27	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -100 Wing A/I ON -100			Engine A/I ON -100 Wing A/I ON -100			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	2955F 3	4495F 7	4587F11	3787F 2	4201F10	4332F13			
26	3077F 3	4507F 8	4599F11	3800F 2	4217F10	4348F13			
24	3205F 2	4518F 8	4612F11	3812F 2	4232F10	4364F13			
22	3317F 2	4531F 8	4625F12	3826F 3	4248F11	4380F13			
20	3439F 2	4544F 9	4638F12	3839F 3	4263F11	4396F14			
18	3558F 2	4555F 9	4651F12	3850F 3	4278F11	4410F14			
16	3685F 2	4567F10	4662F13	3863F 4	4291F12	4425F14			
14	3811F 2	4579F10	4674F13	3877F 4	4308F12	4438F15			
12	3927F 2	4591F10	4687F14	3891F 4	4323F12	4456F15			
10	4049F 2	4603F11	4700F14	3906F 4	4340F13	4470F15			
0	4395F 2	4671F13	4774F16	3990F 6	4423F14	4554^17			
-10	4453F 4	4741F15	4847F18	4077F 7	4499^16	4612^18			
-20	4513F 6	4813F17	4922F20	4178F 9	4551^17	4603^18			
-30	4576F 9	4886F19	4995^23	4253F11	4541^17	4593^18			
	High QNH +90 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -110 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -480 Wing A/I ON -480			Engine A/I ON -550 Wing A/I ON -550			Engine A/I ON Wing A/I ON		

Elevation	80	Length	8366	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.07
Rwy Rev.		Program						Rules	FAA		**23 Aug 18**

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TAPACHULA -TAP 05 *RT H230*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1097'		RT H230	1097'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	3849F17	4083F21	4167F23
46	87.7	3918F18	4155F22	4240F24
44	87.6	3961F18	4200F23	4286F24
42	87.4	3978F18	4219F23	4305F25
40	87.2	3994F19	4236F23	4323F25
38	86.9	4002F19	4246F24	4333F25
36	86.6	4011F19	4257F24	4344F25
34	86.4	4020F19	4267F24	4355F26
32	86.1	4030F19	4278F24	4367F26
30	85.8	4040F20	4289F24	4378F26
20	84.4	4090F21	4346F25	4437F27
10	82.9	4139F22	4403F26	4497F28
0	81.4	4194F23	4465F28	4552^29
-10	79.9	4246F23	4525F29	4598^30
-20	78.4	4301F25	4584F30	4642^31
-30	76.8	4357F26	4627^30	4685^31

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3797F 3	4072F13	4167D16	4710
3862F 4	4139F14	4238F17	4829
3903F 4	4183F14	4283F17	4892
3921F 4	4203F14	4303F18	4946
3938F 5	4221F15	4322F18	4959
3949F 5	4233F15	4333D18	4961
3959F 5	4244F15	4344D19	4962
3969F 6	4256F16	4355D19	4964
3980F 6	4269F16	4367D19	4966
3991F 6	4281F16	4378D20	4968
4046F 8	4345F18	4437D21	4976
4102F10	4403D20	4497D23	4972
4164F12	4465D22	4552D25	4984
4225F13	4525D24	4598D27	4987
4287F15	4584D26	4642D29	4985
4353F17	4627D28	4685D31	4983

High QNH **+60** per .10" — Low QNH **-140** per .10"

Engine A/I ON **-490** — Wing A/I ON **-490**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	3927F18	4167F23	4253F24
46	90.9	3999F19	4242F24	4329F25
44	90.8	4067F20	4313F25	4401F26
42	90.6	4130F21	4379F26	4467F27
40	90.3	4172F21	4422F26	4511F28
38	90.0	4211F22	4462F26	4550F28
36	89.8	4248F22	4500F27	4589F28
34	89.5	4270F22	4526F27	4615F29
32	89.2	4283F23	4537F27	4628F29
30	88.9	4294F23	4549F28	4640F29
20	87.4	4347F24	4608F29	4702F30
10	85.9	4398F25	4666F30	4763F31
0	84.3	4456F26	4732F31	4831F32
-10	82.8	4510F27	4796F32	4898F34
-20	81.2	4567F28	4861F33	4954^35
-30	79.6	4626F29	4929F34	5003^35

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3853F 4	4138F14	4240F18	4711
3920F 5	4208F15	4311F18	4830
3983F 5	4274F16	4378F19	4935
4041F 6	4336F16	4441F19	5039
4083F 6	4380F16	4486F20	5071
4124F 6	4423F16	4528F20	5071
4162F 6	4464F17	4568F20	5071
4188F 7	4492F17	4597F20	5071
4202F 7	4506F17	4611F21	5071
4214F 7	4519F18	4625F21	5071
4275F 9	4585F19	4693F23	5071
4335F11	4650F21	4762F25	5071
4401F13	4724F23	4831D26	5071
4465F15	4796D25	4898D28	5071
4531F17	4861D27	4954D30	5071
4599F19	4929D29	5003D33	5071

High QNH **+80** per .10" — Low QNH **-150** per .10"

Engine A/I ON **-430** — Wing A/I ON **-430**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	3927F18-18-30	4167F23-23-34	4253F24-24-35	4307^25-25-36
46	90.9	3999F19-19-31	4242F24-24-35	4329F25-25-36	4397^27-27-37
44	90.8	4067F20-20-32	4313F25-25-36	4401F26-26-37	4481^28-28-38
42	90.6	4130F21-21-33	4379F26-26-37	4467F27-27-38	4559F29-29-39
40	90.3	4172F21-21-34	4422F26-26-37	4511F28-28-39	4601F29-29-40
38	90.0	4211F22-22-34	4462F26-26-38	4550F28-28-39	4642F30-30-41
36	89.8	4248F22-22-35	4500F27-27-39	4589F28-28-40	4681F30-30-41
34	89.5	4270F22-22-35	4526F27-27-39	4615F29-29-40	4708F30-30-42
32	89.2	4283F23-23-35	4537F27-27-39	4628F29-29-40	4722F31-31-42
30	88.9	4294F23-23-35	4549F28-28-39	4640F29-29-41	4734F31-31-42
20	87.4	4347F24-24-36	4608F29-29-40	4702F30-30-41	4798F32-32-43
10	85.9	4398F25-25-37	4666F30-30-41	4763F31-31-42	4862F33-33-44
0	84.3	4456F26-26-38	4732F31-31-42	4831F32-32-43	4921^34-34-45
-10	82.8	4510F27-27-39	4796F32-32-43	4898F34-34-44	4969^35-35-45
-20	81.2	4567F28-28-40	4861F33-33-44	4954^35-35-45	5018^36-36-46
-30	79.6	4626F29-29-40	4929F34-34-45	5003^35-35-46	5071A36-36-47

High QNH **+80** per .10" — Low QNH **-150** per .10"

Engine A/I ON **-430** — Wing A/I ON **-430**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 97 Length 6562 Shift **0** Clearway 0 Stopway 0 Slope +0.35

Rwy Rev. Program Rules FAA **31 Aug 16**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3927F18	4167F23	4253F24	3917F18	4158F23	4243F24			
46	3999F19	4242F24	4329F25	3989F19	4232F24	4318F25			
44	4067F20	4313F25	4401F26	4052F20	4297F25	4385F26			
42	4130F21	4379F26	4467F27	4107F21	4354F25	4442F27			
40	4172F21	4422F26	4511F28	4161F21	4410F26	4499F28			
38	4211F22	4462F26	4550F28	4199F22	4449F26	4537F28			
36	4248F22	4500F27	4589F28	4236F22	4489F27	4577F28			
34	4270F22	4526F27	4615F29	4259F22	4514F27	4603F29			
32	4283F23	4537F27	4628F29	4271F22	4527F27	4616F29			
30	4294F23	4549F28	4640F29	4283F23	4538F27	4629F29			
20	4347F24	4608F29	4702F30	4337F24	4597F28	4691F30			
10	4398F25	4666F30	4763F31	4363F24	4631F29	4727F31			
0	4456F26	4732F31	4831F32	4415F25	4690F30	4789F32			
-10	4510F27	4796F32	4898F34	4469F26	4752F31	4853F33			
	High QNH +80 per .10" Low QNH -150 per .10"			High QNH +80 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -430 Wing A/I ON -430			Engine A/I ON -50 Wing A/I ON -50			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	3853F 4	4138F14	4240F18	3846F 4	4130F14	4232F18			
46	3920F 5	4208F15	4311F18	3912F 5	4200F15	4302F18			
44	3983F 5	4274F16	4378F19	3973F 5	4262F15	4365F19			
42	4041F 6	4336F16	4441F19	4025F 6	4317F16	4421F19			
40	4083F 6	4380F16	4486F20	4075F 6	4371F16	4476F19			
38	4124F 6	4423F16	4528F20	4115F 6	4413F16	4517F20			
36	4162F 6	4464F17	4568F20	4153F 6	4455F17	4559F20			
34	4188F 7	4492F17	4597F20	4179F 7	4482F17	4587F20			
32	4202F 7	4506F17	4611F21	4193F 7	4496F17	4601F20			
30	4214F 7	4519F18	4625F21	4207F 7	4511F18	4616F21			
20	4275F 9	4585F19	4693F23	4267F 9	4577F19	4684F23			
10	4335F11	4650F21	4762F25	4302F11	4619F21	4727D24			
0	4401F13	4724F23	4831D26	4363F13	4686F23	4789D26			
-10	4465F15	4796D25	4898D28	4427F15	4752D25	4853D28			
	High QNH +90 per .10" Low QNH -150 per .10"			High QNH +90 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -430 Wing A/I ON -430			Engine A/I ON -50 Wing A/I ON -50			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		3583F97	3935F99		3594F 1	3759F 3			
26		3617F97	3962F 0		3661F 1	3770F 4			
24		3652F98	3993F 0		3679F 1	3783F 4			
22		3682F98	4025F 0		3690F 1	3795F 4			
20		3714F98	4055F 0		3702F 2	3807F 5			
18		3749F98	4086F 1		3713F 2	3818F 5			
16		3786F99	4119F 1		3723F 2	3829F 5			
14		3822F99	4150F 1		3733F 3	3841F 6			
12		3857F99	4182F 1		3747F 3	3854F 6			
10		3891F99	4215F 2		3758F 3	3866F 6			
0		4070F 1	4375F 3		3824F 5	3933F 8			
-10		4118F 3	4418F 5		3887F 7	3999F10			
-20	3030F97	4321F 4	4580^ 7	2851F 4	3954F 9	4071F12			
-30	3343F98	4506F 6	4576^ 9	3326F 3	4022F11	4144F14			
	High QNH +80 per .10" Low QNH -110 per .10"			High QNH +80 per .10" Low QNH -180 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -340 Wing A/I ON -340			Engine A/I ON -380 Wing A/I ON -380			Engine A/I ON Wing A/I ON		

Elevation	97	Length	6562	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.35
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1097'		**DT H234**	**1097'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	3923F18	4165F23	4251F24
46	87.7	3989F19	4238F24	4325F25
44	87.6	4031F20	4284F24	4372F26
42	87.4	4049F20	4304F25	4392F26
40	87.2	4066F20	4321F25	4410F27
38	86.9	4077F20	4332F25	4421F27
36	86.6	4087F21	4343F25	4432F27
34	86.4	4098F21	4353F26	4443F27
32	86.1	4109F21	4365F26	4455F27
30	85.8	4121F21	4376F26	4465F28
20	84.4	4173F22	4434F27	4526F29
10	82.9	4225F23	4491F28	4587F30
0	81.4	4281F24	4556F29	4655F31
-10	79.9	4335F25	4618F30	4699^32
-20	78.4	4392F26	4683F31	4744^32
-30	76.8	4448F27	4726^32	4787^33

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3851F 3	4136F13	4234F16	4710
3914F 3	4205F13	4305F16	4829
3955F 3	4250F14	4350F17	4892
3973F 4	4270F14	4371F17	4946
3991F 4	4288F14	4390F18	4959
4002F 4	4300F15	4402F18	4961
4014F 5	4312F15	4415F18	4962
4025F 5	4324F15	4427F19	4964
4036F 5	4337F16	4440F19	4966
4049F 6	4349F16	4454F19	4968
4110F 7	4414F18	4521F21	4976
4169F 9	4480F20	4587D23	4972
4233F11	4552F21	4655D25	4984
4294F13	4618D23	4699D27	4987
4358F15	4683D25	4744D29	4985
4425F17	4726D27	4787D31	4983

High QNH **+60** per .10" — Low QNH **-150** per .10"

Engine A/I ON **-510** — Wing A/I ON **-510**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4006F20	4251F24	4339F26
46	90.9	4079F21	4327F25	4416F27
44	90.8	4148F22	4399F26	4487F28
42	90.6	4212F23	4464F27	4555F29
40	90.3	4247F23	4508F28	4600F29
38	90.0	4282F23	4549F28	4641F30
36	89.8	4315F23	4588F28	4680F30
34	89.5	4336F24	4615F29	4707F30
32	89.2	4348F24	4628F29	4720F31
30	88.9	4361F24	4640F29	4733F31
20	87.4	4423F25	4701F30	4796F32
10	85.9	4483F26	4761F31	4859F33
0	84.3	4546F27	4828F32	4928F34
-10	82.8	4603F28	4892F33	4998F35
-20	81.2	4662F30	4961F35	5063F36
-30	79.6	4722F31	5031F36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3910F 4	4200F14	4303F17	4711
3974F 4	4272F14	4375F18	4830
4035F 5	4338F15	4443F18	4935
4092F 5	4401F15	4507F19	5039
4136F 5	4447F16	4553F19	5071
4176F 5	4491F16	4595F19	5071
4216F 6	4533F16	4637F19	5071
4243F 6	4562F16	4666F20	5071
4256F 6	4577F17	4682F20	5071
4269F 7	4590F17	4695F20	5071
4331F 8	4656F19	4766F22	5071
4396F10	4723F21	4837F24	5071
4468F12	4799F23	4916F26	5071
4538F14	4875F25	4994F28	5071
4604F16	4950F27	5063D30	5071
4674F18	5031D29	5071A33	5071

High QNH **+90** per .10" — Low QNH **-150** per .10"

Engine A/I ON **-410** — Wing A/I ON **-410**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4006F20-20-31	4251F24-24-35	4339F26-26-36	4409^27-27-37
46	90.9	4079F21-21-32	4327F25-25-36	4416F27-27-37	4497^29-29-38
44	90.8	4148F22-22-33	4399F26-26-37	4487F28-28-38	4580F30-30-40
42	90.6	4212F23-23-34	4464F27-27-38	4555F29-29-39	4649F31-31-41
40	90.3	4247F23-23-35	4508F28-28-39	4600F29-29-40	4694F31-31-41
38	90.0	4282F23-23-35	4549F28-28-39	4641F30-30-41	4735F31-31-42
36	89.8	4315F23-23-36	4588F28-28-40	4680F30-30-41	4775F32-32-43
34	89.5	4336F24-24-36	4615F29-29-40	4707F30-30-42	4802F32-32-43
32	89.2	4348F24-24-36	4628F29-29-40	4720F31-31-42	4816F32-32-43
30	88.9	4361F24-24-36	4640F29-29-41	4733F31-31-42	4828F32-32-43
20	87.4	4423F25-25-37	4701F30-30-41	4796F32-32-43	4892F34-34-44
10	85.9	4483F26-26-38	4761F31-31-42	4859F33-33-44	4959F35-35-45
0	84.3	4546F27-27-39	4828F32-32-43	4928F34-34-45	5033F36-36-46
-10	82.8	4603F28-28-40	4892F33-33-44	4998F35-35-46	5071A36-36-47
-20	81.2	4662F30-30-41	4961F35-35-45	5063F36-36-47	5071A36-36-47
-30	79.6	4722F31-31-42	5031F36-36-46	5071A36-36-47	5071A36-36-47

High QNH **+90** per .10" — Low QNH **-150** per .10"

Engine A/I ON **-410** — Wing A/I ON **-410**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 97 Length 6562 Shift **0** Clearway 0 Stopway 0 Slope -0.35

Rwy Rev. Program Rules FAA **31 Aug 16**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4006F20	4251F24	4339F26
46	4079F21	4327F25	4416F27
44	4148F22	4399F26	4487F28
42	4212F23	4464F27	4555F29
40	4247F23	4508F28	4600F29
38	4282F23	4549F28	4641F30
36	4315F23	4588F28	4680F30
34	4336F24	4615F29	4707F30
32	4348F24	4628F29	4720F31
30	4361F24	4640F29	4733F31
20	4423F25	4701F30	4796F32
10	4483F26	4761F31	4859F33
0	4546F27	4828F32	4928F34
-10	4603F28	4892F33	4998F35

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-410**
Wing A/I ON **-410**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3996F20	4241F24	4328F26
4069F21	4317F25	4405F27
4134F21	4383F26	4470F28
4186F22	4440F27	4529F28
4235F23	4496F27	4588F29
4269F23	4537F28	4628F30
4303F23	4576F28	4668F30
4320F23	4603F29	4694F30
4333F24	4615F29	4708F30
4345F24	4628F29	4721F31
4408F25	4690F30	4785F32
4451F26	4725F31	4823F33
4504F27	4786F32	4885F34
4560F28	4850F33	4952F35

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	3910F 4	4200F14	4303F17
46	3974F 4	4272F14	4375F18
44	4035F 5	4338F15	4443F18
42	4092F 5	4401F15	4507F19
40	4136F 5	4447F16	4553F19
38	4176F 5	4491F16	4595F19
36	4216F 6	4533F16	4637F19
34	4243F 6	4562F16	4666F20
32	4256F 6	4577F17	4682F20
30	4269F 7	4590F17	4695F20
20	4331F 8	4656F19	4766F22
10	4396F10	4723F21	4837F24
0	4468F12	4799F23	4916F26
-10	4538F14	4875F25	4994F28

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-400**
Wing A/I ON **-400**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3903F 4	4192F14	4295F17
3967F 4	4263F14	4366F18
4025F 4	4326F15	4430F18
4075F 5	4382F15	4487F18
4128F 5	4438F16	4544F19
4167F 5	4481F16	4586F19
4208F 6	4524F16	4628F19
4234F 6	4553F16	4657F20
4247F 6	4567F17	4671F20
4261F 6	4581F17	4686F20
4326F 8	4647F19	4757F22
4365F10	4690F21	4804F24
4432F12	4760F23	4876F26
4497F14	4834F24	4951F28

High QNH **+90** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-50**
Wing A/I ON **-50**

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3347F96	3750F98
26		3388F96	3780F99
24		3424F96	3817F99
22		3462F97	3852F99
20		3500F97	3886F99
18		3537F97	3918F 0
16		3580F97	3951F 0
14		3618F98	3987F 0
12		3658F98	4021F 0
10		3697F98	4057F 1
0		3912F 0	4236F 2
-10		3972F 2	4283F 4
-20		4218F 4	4461F 6
-30		4375F 5	4582^ 8

High QNH **+70** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-230**
Wing A/I ON **-230**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
	3602F98	3754F 1
	3617F99	3772F 2
	3632F99	3792F 2
	3648F99	3811F 2
2647F94	3664F 0	3831F 2
2667F94	3679F 0	3849F 3
2731F94	3695F 0	3871F 3
2800F94	3712F 0	3892F 3
2866F94	3730F 1	3915F 4
2932F94	3750F 1	3939F 4
3208F94	3856F 3	4072F 5
3252F96	3968F 4	4196F 7
3412F97	4115F 5	4288F 8
3573F98	4230^ 7	4379F10

High QNH **+100** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-380**
Wing A/I ON **-380**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	97	Length	6562	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.35
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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TAR Mexico **EMB-145** **AE3007A1P**

TEPIC **-TPQ** **02** ***SPECIAL***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.0 TNY		**LT H300**	**4200'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
42	88.2	3946F19	4181F24	4264F25
40	88.4	4007F20	4244F25	4328F26
38	88.5	4065F21	4305F26	4390F27
36	88.6	4124F22	4367F26	4452F28
34	88.7	4181F23	4425F27	4512F29
32	88.8	4215F23	4461F28	4548F29
30	88.9	4226F23	4474F28	4562F29
28	88.6	4237F24	4486F28	4573F30
26	88.3	4248F24	4498F28	4585F30
24	88.0	4259F24	4511F29	4598F30
22	87.7	4270F24	4523F29	4611F30
20	87.4	4281F24	4535F29	4624F31
10	85.9	4337F25	4596F30	4687F32
0	84.3	4390F26	4657F31	4747F33
-10	82.8	4449F27	4721F32	4791^33
-20	81.2	4506F28	4770^33	4826^34

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
42	88.2	3875F 6	4145F15	4241F18	4505
40	88.4	3931F 6	4205F15	4301F18	4596
38	88.5	3987F 6	4263F16	4360F19	4685
36	88.6	4042F 7	4321F16	4419F19	4773
34	88.7	4096F 7	4377F17	4476F20	4855
32	88.8	4128F 8	4411F17	4512F20	4894
30	88.9	4140F 8	4425F18	4526F21	4918
28	88.6	4152F 8	4439F18	4540F21	4925
26	88.3	4164F 9	4452F18	4554F22	4932
24	88.0	4176F 9	4466F19	4568F22	4934
22	87.7	4188F 9	4479F19	4582F22	4936
20	87.4	4200F10	4493F20	4596F23	4937
10	85.9	4260F12	4563F21	4667F24	4942
0	84.3	4320F13	4629F23	4737F26	4934
-10	82.8	4387F15	4704F25	4791D28	4940
-20	81.2	4454F17	4766^27	4826D30	4939

High QNH **+40** per .10" Engine A/I ON **-440**
Low QNH **-150** per .10" Wing A/I ON **-440**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
42	92.3	4033F21	4272F26	4348^27
40	92.5	4095F22	4338F26	4418F28
38	92.4	4155F23	4400F27	4483F29
36	92.4	4214F24	4462F28	4547F30
34	92.4	4274F24	4524F29	4611F30
32	92.4	4333F25	4584F30	4674F31
30	92.3	4392F26	4646F30	4736F32
28	92.0	4412F26	4666F31	4757F32
26	91.8	4427F26	4683F31	4774F33
24	91.5	4440F27	4698F31	4789F33
22	91.1	4450F27	4711F31	4803F33
20	90.8	4461F27	4724F32	4816F33
10	89.2	4521F28	4789F33	4881F34
0	87.6	4576F29	4851F34	4928^35
-10	86.0	4639F30	4913^35	4971^36
-20	84.4	4701F31	4949^35	5006^36

TO - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
42	92.3	3934F 7	4215F16	4313F19	4506
40	92.5	3992F 7	4276F17	4376F20	4598
38	92.4	4047F 8	4334F17	4435F20	4686
36	92.4	4102F 8	4392F18	4495F21	4774
34	92.4	4158F 9	4450F18	4554F21	4861
32	92.4	4213F 9	4508F19	4611F22	4948
30	92.3	4268F 9	4566F19	4670F22	5021
28	92.0	4291F10	4589F20	4693F23	5067
26	91.8	4307F10	4605F20	4712F23	5071
24	91.5	4321F10	4621F20	4728F23	5071
22	91.1	4334F11	4636F21	4743F24	5071
20	90.8	4347F11	4650F21	4759F24	5071
10	89.2	4411F13	4724F23	4835F26	5071
0	87.6	4474F15	4797F25	4908F28	5071
-10	86.0	4545F17	4875F27	4963^30	5071
-20	84.4	4614F19	4936^29	5006D32	5071

High QNH **+90** per .10" Engine A/I ON **-640**
Low QNH **-160** per .10" Wing A/I ON **-640**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
42	92.3	4033F21-21-31	4272F26-26-35	4348^27-27-36	4399^28-28-37
40	92.5	4095F22-22-32	4338F26-26-36	4418F28-28-37	4476^29-29-38
38	92.4	4155F23-23-33	4400F27-27-37	4483F29-29-38	4550^30-30-39
36	92.4	4214F24-24-34	4462F28-28-38	4547F30-30-39	4623^31-31-40
34	92.4	4274F24-24-35	4524F29-29-39	4611F30-30-40	4697F32-32-41
32	92.4	4333F25-25-36	4584F30-30-40	4674F31-31-41	4762F33-33-42
30	92.3	4392F26-26-37	4646F30-30-41	4736F32-32-42	4826F34-34-43
28	92.0	4412F26-26-37	4666F31-31-41	4757F32-32-42	4847F34-34-44
26	91.8	4427F26-26-37	4683F31-31-41	4774F33-33-43	4865F34-34-44
24	91.5	4440F27-27-38	4698F31-31-41	4789F33-33-43	4880F34-34-44
22	91.1	4450F27-27-38	4711F31-31-42	4803F33-33-43	4893F35-35-44
20	90.8	4461F27-27-38	4724F32-32-42	4816F33-33-43	4904F35-35-44
10	89.2	4521F28-28-39	4789F33-33-43	4881F34-34-44	4954^36-36-45
0	87.6	4576F29-29-40	4851F34-34-44	4928^35-35-45	4986^36-36-46
-10	86.0	4639F30-30-41	4913^35-35-45	4971^36-36-45	5029^37-37-46
-20	84.4	4701F31-31-42	4949^35-35-45	5006^36-36-46	5062^37-37-47

High QNH **+90** per .10" Engine A/I ON **-640**
Low QNH **-160** per .10" Wing A/I ON **-640**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 3020 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope -0.05
Rwy Rev. Program Rules FAA **01 Aug 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
42	4033F21	4272F26	4348^27
40	4095F22	4338F26	4418F28
38	4155F23	4400F27	4483F29
36	4214F24	4462F28	4547F30
34	4274F24	4524F29	4611F30
32	4333F25	4584F30	4674F31
30	4392F26	4646F30	4736F32
28	4412F26	4666F31	4757F32
26	4427F26	4683F31	4774F33
24	4440F27	4698F31	4789F33
22	4450F27	4711F31	4803F33
20	4461F27	4724F32	4816F33
10	4521F28	4789F33	4881F34
0	4576F29	4851F34	4928^35

High QNH	**+90**	per .10"
Low QNH	**-160**	per .10"
Engine A/I ON	**-640**	
Wing A/I ON	**-640**	

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
42	4021F21	4260F25	4340F27
40	4084F22	4326F26	4406F28
38	4143F23	4388F27	4470F29
36	4203F23	4450F28	4535F29
34	4262F24	4512F29	4599F30
32	4321F25	4572F30	4661F31
30	4380F26	4633F30	4724F32
28	4398F26	4652F31	4742F32
26	4415F26	4670F31	4761F32
24	4429F26	4686F31	4777F33
22	4441F27	4699F31	4791F33
20	4452F27	4712F31	4804F33
10	4458F27	4724F32	4793^33
0	4532F29	4803F33	4865^34

High QNH	**+90**	per .10"
Low QNH	**-160**	per .10"
Engine A/I ON	**+0**	
Wing A/I ON	**+0**	

OAT °C	Flaps -10T	+0	+10H

High QNH		per .10"
Low QNH		per .10"
Engine A/I ON		
Wing A/I ON		

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
42	3934F 7	4215F16	4313F19
40	3992F 7	4276F17	4376F20
38	4047F 8	4334F17	4435F20
36	4102F 8	4392F18	4495F21
34	4158F 9	4450F18	4554F21
32	4213F 9	4508F19	4611F22
30	4268F 9	4566F19	4670F22
28	4291F10	4589F20	4693F23
26	4307F10	4605F20	4712F23
24	4321F10	4621F20	4728F23
22	4334F11	4636F21	4743F24
20	4347F11	4650F21	4759F24
10	4411F13	4724F23	4835F26
0	4474F15	4797F25	4908F28

High QNH	**+100**	per .10"
Low QNH	**-160**	per .10"
Engine A/I ON	**-600**	
Wing A/I ON	**-600**	

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
42	3925F 7	4205F16	4303F19
40	3983F 7	4266F17	4365F20
38	4039F 8	4324F17	4426F20
36	4094F 8	4383F18	4485F21
34	4149F 8	4441F18	4544F21
32	4205F 9	4499F19	4603F22
30	4260F 9	4557F19	4660F22
28	4279F10	4577F20	4681F23
26	4298F10	4597F20	4701F23
24	4314F10	4612F20	4719F23
22	4326F11	4627F21	4734F24
20	4339F11	4641F21	4749F24
10	4349F13	4664F23	4769^26
0	4433F15	4754F25	4850^28

High QNH	**+100**	per .10"
Low QNH	**-160**	per .10"
Engine A/I ON	**+0**	
Wing A/I ON	**+0**	

OAT °C	Flaps -10T	+0	+10H

High QNH		per .10"
Low QNH		per .10"
Engine A/I ON		
Wing A/I ON		

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		4021F97	4307F99
26		4047F97	4321^ 0
24		4078F98	4324^ 0
22	2651F93	4108F98	4327^ 1
20	2811F93	4135F98	4329^ 1
18	2994F92	4166F98	4331^ 1
16	3143F92	4197F99	4334^ 2
14	3194F92	4224F99	4335^ 2
12	3231F93	4256F99	4337^ 3
10	3277F93	4287F 0	4337^ 3
0	3478F94	4287^ 2	4334^ 5
-10	3511F96	4293^ 4	4342^ 7
-20	3775F98	4292^ 6	4343^10
-30	3951F99	4288^ 9	4340^12

High QNH	**+60**	per .10"
Low QNH	**-90**	per .10"
Engine A/I ON	**-630**	
Wing A/I ON	**-630**	

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3277F94	3587F 3	3735F 5
26	3286F94	3604F 3	3755F 5
24	3299F94	3619F 3	3774F 6
22	3309F95	3638F 3	3794F 6
20	3320F95	3654F 4	3817F 6
18	3332F95	3672F 4	3838F 6
16	3341F95	3689F 4	3861F 7
14	3353F96	3708F 4	3884F 7
12	3366F96	3726F 5	3908F 7
10	3378F96	3745F 5	3928F 7
0	3434F98	3848F 6	4011F 9
-10	3496F 0	3953F 8	4097F11
-20	3564F 1	4040F 9	4180F12
-30	3643F 3	4126F11	4270F14

High QNH	**+100**	per .10"
Low QNH	**-130**	per .10"
Engine A/I ON	**-410**	
Wing A/I ON	**-410**	

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH		per .10"
Low QNH		per .10"
Engine A/I ON		
Wing A/I ON		

Elevation	3020	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.05
Rwy Rev.		Program						Rules	FAA		**01 Aug 17**

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TAR Mexico **EMB-145** **AE3007A1P**

Engine Failure Procedure

CLIMB AT	*VIA*	*REACHING*	*OR*	*TURN*	*FLAP RETRACT*	*HOLD*
		D8.3 TNY		**RT H240**	**4200'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	88.2	3935F19	4169F24	4228^25	3866F 6	4136F15	4216^18	4505
40	88.4	3995F20	4232F25	4297^26	3922F 6	4195F15	4281^19	4596
38	88.5	4054F21	4293F25	4363^27	3977F 7	4253F16	4342^19	4685
36	88.6	4112F22	4354F26	4427^27	4033F 7	4311F17	4404^20	4773
34	88.7	4169F22	4413F27	4490^28	4086F 8	4367F17	4466F20	4855
32	88.8	4203F23	4448F27	4526^29	4118F 8	4401F17	4502F21	4894
30	88.9	4214F23	4461F28	4538^29	4131F 8	4415F18	4516F21	4918
28	88.6	4225F23	4473F28	4549^29	4143F 9	4429F18	4524^21	4925
26	88.3	4236F23	4486F28	4560^29	4155F 9	4442F19	4537^22	4932
24	88.0	4247F24	4498F28	4570^30	4166F 9	4456F19	4549^22	4934
22	87.7	4258F24	4510F29	4580^30	4178F10	4469F19	4561^22	4936
20	87.4	4269F24	4522F29	4591^30	4190F10	4483F20	4574^23	4937
10	85.9	4324F25	4575^30	4641^31	4250F12	4552F21	4634^25	4942
0	84.3	4377F26	4620^30	4684^32	4310F14	4605^23	4684D27	4934
-10	82.8	4436F27	4671^31	4734^32	4377F15	4668^25	4734D29	4940
-20	81.2	4495F28	4718^32	4780^33	4444F17	4718D27	4780D31	4939

High QNH **+50** per .10" Engine A/I ON **-520**
Low QNH **-150** per .10" Wing A/I ON **-520**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	92.3	4021F21	4233^25	4290^26	3925F 7	4196^16	4274^20	4506
40	92.5	4084F22	4304^26	4362^27	3983F 7	4260^17	4340^20	4598
38	92.4	4143F23	4370^27	4429^28	4038F 8	4325F17	4403^21	4686
36	92.4	4202F23	4435^28	4498^29	4093F 8	4383F18	4466^21	4774
34	92.4	4262F24	4500^29	4565^30	4148F 9	4441F18	4528^22	4861
32	92.4	4321F25	4565^29	4631^31	4204F 9	4498F19	4590^22	4948
30	92.3	4380F26	4632F30	4697^31	4259F10	4556F19	4651^23	5021
28	92.0	4400F26	4653F31	4719^32	4282F10	4579F20	4675^23	5067
26	91.8	4415F26	4670F31	4736^32	4298F10	4597F20	4693^23	5071
24	91.5	4428F26	4684F31	4750^32	4312F11	4611F20	4708^24	5071
22	91.1	4439F27	4697F31	4760^32	4324F11	4626F21	4721^24	5071
20	90.8	4451F27	4702^31	4771^32	4337F11	4640F21	4734^24	5071
10	89.2	4507F28	4757^32	4822^33	4401F13	4709^23	4798^26	5071
0	87.6	4563F29	4802^33	4866^34	4464F15	4769^25	4856^28	5071
-10	86.0	4625F30	4854^34	4917^35	4535F17	4836^27	4917D30	5071
-20	84.4	4687F31	4903^35	4960^36	4605F19	4898^29	4960D33	5071

High QNH **+90** per .10" Engine A/I ON **-820**
Low QNH **-160** per .10" Wing A/I ON **-820**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	92.3	4021F21-21-31	4233^25-25-35	4290^26-26-35	4342^27-27-36
40	92.5	4084F22-22-32	4304^26-26-36	4362^27-27-37	4417^28-28-37
38	92.4	4143F23-23-33	4370^27-27-37	4429^28-28-38	4486^29-29-38
36	92.4	4202F23-23-34	4435^28-28-38	4498^29-29-39	4556^30-30-39
34	92.4	4262F24-24-35	4500^29-29-39	4565^30-30-40	4624^31-31-40
32	92.4	4321F25-25-36	4565^29-29-40	4631^31-31-41	4692^32-32-41
30	92.3	4380F26-26-37	4632F30-30-41	4697^31-31-41	4760^32-32-42
28	92.0	4400F26-26-37	4653F31-31-41	4719^32-32-42	4783^33-33-43
26	91.8	4415F26-26-37	4670F31-31-41	4736^32-32-42	4800^33-33-43
24	91.5	4428F26-26-38	4684F31-31-41	4750^32-32-42	4814^33-33-43
22	91.1	4439F27-27-38	4697F31-31-41	4760^32-32-42	4823^33-33-43
20	90.8	4451F27-27-38	4702^31-31-42	4771^32-32-43	4834^34-34-43
10	89.2	4507F28-28-39	4757^32-32-42	4822^33-33-43	4885^34-34-44
0	87.6	4563F29-29-40	4802^33-33-43	4866^34-34-44	4926^35-35-45
-10	86.0	4625F30-30-40	4854^34-34-44	4917^35-35-45	4975^36-36-45
-20	84.4	4687F31-31-41	4903^35-35-44	4960^36-36-45	5016^37-37-46

High QNH **+90** per .10" Engine A/I ON **-820**
Low QNH **-160** per .10" Wing A/I ON **-820**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 3020 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.05
Rwy Rev. Program Rules FAA **01 Aug 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
42	4021F21	4233^25	4290^26	4009F21	4224^25	4280^26			
40	4084F22	4304^26	4362^27	4072F22	4293^26	4351^27			
38	4143F23	4370^27	4429^28	4131F22	4359^27	4419^28			
36	4202F23	4435^28	4498^29	4191F23	4424^27	4488^29			
34	4262F24	4500^29	4565^30	4250F24	4490^28	4555^30			
32	4321F25	4565^29	4631^31	4309F25	4558F29	4621^30			
30	4380F26	4632F30	4697^31	4368F26	4620F30	4686^31			
28	4400F26	4653F31	4719^32	4385F26	4638F30	4705^31			
26	4415F26	4670F31	4736^32	4402F26	4657F31	4725^32			
24	4428F26	4684F31	4750^32	4417F26	4672F31	4740^32			
22	4439F27	4697F31	4760^32	4428F26	4685F31	4750^32			
20	4451F27	4702^31	4771^32	4440F27	4692^31	4761^32			
10	4507F28	4757^32	4822^33	4445F27	4673^31	4734^32			
0	4563F29	4802^33	4866^34	4519F28	4746^32	4808^33			
	High QNH **+90** per .10"			High QNH **+90** per .10"			High QNH per .10"		
	Low QNH **-160** per .10"			Low QNH **-170** per .10"			Low QNH per .10"		
	Engine A/I ON **-820**			Engine A/I ON **+0**			Engine A/I ON		
	Wing A/I ON **-820**			Wing A/I ON **+0**			Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
42	3925F 7	4196^16	4274^20	3917F 7	4187^16	4264^19			
40	3983F 7	4260^17	4340^20	3974F 7	4252^17	4331^20			
38	4038F 8	4325F17	4403^21	4030F 8	4315F17	4395^20			
36	4093F 8	4383F18	4466^21	4085F 8	4373F18	4457^21			
34	4148F 9	4441F18	4528^22	4140F 9	4431F18	4520^21			
32	4204F 9	4498F19	4590^22	4195F 9	4489F19	4582^22			
30	4259F10	4556F19	4651^23	4251F10	4547F19	4642^22			
28	4282F10	4579F20	4675^23	4269F10	4567F20	4663^23			
26	4298F10	4597F20	4693^23	4288F10	4587F20	4683^23			
24	4312F11	4611F20	4708^24	4304F10	4602F20	4700^23			
22	4324F11	4626F21	4721^24	4317F11	4617F21	4713^24			
20	4337F11	4640F21	4734^24	4330F11	4631F21	4726^24			
10	4401F13	4709^23	4798^26	4339F13	4637^23	4721^26			
0	4464F15	4769^25	4856^28	4423F15	4720^25	4805^28			
	High QNH **+100** per .10"			High QNH **+100** per .10"			High QNH per .10"		
	Low QNH **-160** per .10"			Low QNH **-160** per .10"			Low QNH per .10"		
	Engine A/I ON **-700**			Engine A/I ON **+0**			Engine A/I ON		
	Wing A/I ON **-700**			Wing A/I ON **+0**			Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4042F97	4304^ 0	3269F94	3579F 3	3725F 5			
26		4072F98	4320^ 0	3280F94	3595F 3	3744F 6			
24	2676F93	4099F98	4322^ 0	3291F95	3611F 3	3764F 6			
22	2839F92	4128F98	4325^ 1	3302F95	3627F 4	3783F 6			
20	2997F92	4155F98	4328^ 1	3314F95	3645F 4	3804F 6			
18	3147F92	4186F99	4330^ 2	3325F95	3662F 4	3825F 7			
16	3193F92	4216F99	4332^ 2	3334F96	3680F 4	3848F 7			
14	3229F92	4246F99	4334^ 2	3346F96	3698F 5	3870F 7			
12	3271F93	4275F99	4336^ 3	3360F96	3717F 5	3897F 7			
10	3310F93	4290^ 0	4336^ 3	3372F97	3735F 5	3919F 8			
0	3511F94	4286^ 2	4333^ 5	3428F98	3835F 7	4001F 9			
-10	3545F96	4292^ 4	4341^ 8	3487F 0	3942F 8	4086F11			
-20	3786F98	4292^ 6	4342^10	3554F 2	4032F10	4173F12			
-30	3975F99	4288^ 9	4340^13	3630F 3	4117F11	4275F14			
	High QNH **+60** per .10"			High QNH **+100** per .10"			High QNH per .10"		
	Low QNH **-80** per .10"			Low QNH **-130** per .10"			Low QNH per .10"		
	Engine A/I ON **-630**			Engine A/I ON **-390**			Engine A/I ON		
	Wing A/I ON **-630**			Wing A/I ON **-390**			Wing A/I ON		

Elevation 3020 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.05

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TIJUANA -TIJ 09 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
V2		***D0.8 TIJ**	**D2.2 ITIJ**	**RT H290**	**1600'**	

*EAST OF TIJ NOTAMS A2537/20

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.5	4408^28	4556^30	4589^31
46	87.8	4499^29	4656^32	4700^32
44	87.8	4566^30	4727^33	4782^33
42	87.7	4613^30	4778^33	4834^34
40	87.6	4644^31	4809^34	4866^35
38	87.3	4652^31	4817^34	4874^35
36	87.0	4660^31	4825^34	4882^35
34	86.7	4668^31	4833^34	4890^35
32	86.5	4676^31	4842^34	4897^35
30	86.2	4684^31	4849^34	4905^35
20	84.8	4723^32	4888^35	4941^36
10	83.3	4755^33	4897^35	4934^36
0	81.8	4784^33	4899^35	4938^36
-10	80.3	4778^33	4897^35	4937^36
-20	78.7	4766^33	4889^35	4931^36
-30	77.2	4752^33	4879^35	4923^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4408^22	4556D30	4589D31	4638
4492^22	4656D32	4700D32	4752
4556^23	4727D32	4782D34	4846
4601^23	4778D33	4834D35	4938
4632^23	4809D33	4866D36	4957
4642^24	4817D33	4874D36	4960
4652^24	4825D34	4882D36	4962
4662^24	4833D34	4890D36	4964
4672^25	4842D35	4897D36	4966
4682^25	4849D35	4905D36	4968
4723D27	4888D35	4941D36	4976
4755D29	4897D35	4934D36	4971
4784D32	4899D35	4938D36	4981
4778D33	4897D35	4937D36	4985
4766D33	4889D35	4931D36	4983
4752D33	4879D35	4923D36	4980

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **-840** — Wing A/I ON **-840**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.7	4459^29	4568^30	4600^31
46	90.9	4553^30	4679^32	4712^33
44	91.0	4641^31	4785^33	4818^34
42	90.9	4724^32	4885^35	4923^35
40	90.8	4798^33	4963^36	5020^37
38	90.5	4865^34	5035^37	5071A37
36	90.2	4924^35	5071A37	5071A37
34	89.9	4969^35	5071A37	5071A37
32	89.7	4989^35	5071A37	5071A37
30	89.4	4998^35	5071A37	5071A37
20	87.8	5042^36	5071A37	5071A37
10	86.3	5071A37	5071A37	5071A37
0	84.8	5071A37	5071A37	5071A37
-10	83.2	5071A37	5071A37	5071A37
-20	81.6	5071A37	5071A37	5071A37
-30	80.0	5071A37	5071A37	5071A37

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4459D23	4568D31	4600D31	4639
4546^24	4679D32	4712D33	4754
4628^24	4785D34	4818D34	4860
4706^25	4885D35	4923D36	4964
4774^25	4963D35	5020D37	5065
4837^25	5035D35	5071A37	5071
4893^25	5071A36	5071A37	5071
4936^26	5071A36	5071A37	5071
4957^26	5071A36	5071A37	5071
4968^26	5071A37	5071A37	5071
5023^28	5071A37	5071A37	5071
5071A30	5071A37	5071A37	5071
5071A33	5071A37	5071A37	5071
5071A35	5071A37	5071A37	5071
5071A37	5071A37	5071A37	5071
5071A37	5071A37	5071A37	5071

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.7	4459^29-29-38	4568^30-30-40	4600^31-31-40	4632^32-32-40
46	90.9	4553^30-30-39	4679^32-32-41	4712^33-33-42	4745^33-33-42
44	91.0	4641^31-31-41	4785^33-33-43	4818^34-34-43	4851^35-35-44
42	90.9	4724^32-32-42	4885^35-35-44	4923^35-35-45	4957^36-36-45
40	90.8	4798^33-33-43	4963^36-36-45	5020^37-37-46	5054^37-37-47
38	90.5	4865^34-34-44	5035^37-37-46	5071A37-37-47	5071A37-37-47
36	90.2	4924^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.9	4969^35-35-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.7	4989^35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	89.4	4998^35-35-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.8	5042^36-36-46	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	86.3	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.2	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	81.6	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.0	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" — Low QNH **-170** per .10"
Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 487 Length 9715 Shift **0** Clearway 0 Stopway 0 Slope -0.22
Rwy Rev. Program Rules FAA **01 Jun 20**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4459^29	4568^30	4600^31	4450^28	4561^30	4593^31			
46	4553^30	4679^32	4712^33	4543^30	4671^32	4704^32			
44	4641^31	4785^33	4818^34	4630^31	4777^33	4809^34			
42	4724^32	4885^35	4923^35	4709^32	4870^35	4915^35			
40	4798^33	4963^36	5020^37	4788^33	4954^36	5010^37			
38	4865^34	5035^37	5071A37	4851^34	5021^36	5071A37			
36	4924^35	5071A37	5071A37	4913^34	5071A37	5071A37			
34	4969^35	5071A37	5071A37	4952^35	5071A37	5071A37			
32	4989^35	5071A37	5071A37	4970^35	5071A37	5071A37			
30	4998^35	5071A37	5071A37	4988^35	5071A37	5071A37			
20	5042^36	5071A37	5071A37	5032^36	5071A37	5071A37			
10	5071A37	5071A37	5071A37	5025^36	5071A37	5071A37			
0	5071A37	5071A37	5071A37	5047^37	5071A37	5071A37			
-10	5071A37	5071A37	5071A37	5052^37	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4459D23	4568D31	4600D31	4450D23	4561D30	4593D31			
46	4546^24	4679D32	4712D33	4538^24	4671D32	4704D33			
44	4628^24	4785D34	4818D34	4617^24	4777D33	4809D34			
42	4706^25	4885D35	4923D36	4692^25	4870D34	4915D35			
40	4774^25	4963D35	5020D37	4765^25	4954D35	5010D37			
38	4837^25	5035D35	5071A37	4824^25	5021D35	5071A37			
36	4893^25	5071A36	5071A37	4883^25	5071A35	5071A37			
34	4936^26	5071A36	5071A37	4920^26	5071A36	5071A37			
32	4957^26	5071A36	5071A37	4940^26	5071A36	5071A37			
30	4968^26	5071A37	5071A37	4959^26	5071A37	5071A37			
20	5023^28	5071A37	5071A37	5014^28	5071A37	5071A37			
10	5071A30	5071A37	5071A37	5025^30	5071A37	5071A37			
0	5071A33	5071A37	5071A37	5047D33	5071A37	5071A37			
-10	5071A35	5071A37	5071A37	5052D35	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	4540F 3	4763^13	4837^16	4205F 8	4442F17	4522F20			
26	4550F 3	4772^14	4849^17	4216F 8	4451F17	4534F21			
24	4564F 4	4784^14	4860^17	4226F 8	4463F18	4546F21			
22	4576F 4	4795^14	4872^18	4237F 9	4474F18	4558F21			
20	4588F 5	4807^15	4883^18	4248F 9	4486F19	4570F22			
18	4598F 5	4818^15	4896^18	4258F 9	4498F19	4582F22			
16	4611F 5	4828^16	4907^19	4269F10	4510F19	4594F22			
14	4622F 6	4838^16	4917^19	4279F10	4521F20	4606F23			
12	4630^ 6	4848^16	4927^20	4289F11	4531F20	4618F23			
10	4637^ 7	4858^17	4936^20	4299F11	4542F20	4629F23			
0	4694^ 8	4919^19	5001^22	4356F13	4607F22	4696^25			
-10	4748^11	4980^21	5064^25	4413F15	4673F24	4761^27			
-20	4800^13	5037^23	5071A27	4470F17	4735F26	4826^29			
-30	4853^15	5071A26	5071A30	4523F19	4798^28	4898^31			
	High QNH +0 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -100 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -540 Wing A/I ON -540			Engine A/I ON -500 Wing A/I ON -500			Engine A/I ON Wing A/I ON		

Elevation 487 Length 9715 Shift **0** Clearway 0 Stopway 0 Slope -0.22

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TIJUANA **-TIJ** **27** ***DT H268***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1487'		**DT H268**	**1487'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.5	4454^28	4552^30	4584^31	4451^21	4552D30	4584D31	4638
46	87.8	4563^30	4661^32	4694^32	4558^22	4661D32	4694D32	4752
44	87.8	4660^31	4760^33	4794^34	4653^22	4760D32	4794D34	4846
42	87.7	4741^33	4842^34	4876^35	4709F22	4842D32	4876D35	4938
40	87.6	4773^33	4875^35	4910^35	4740F23	4875D33	4910D35	4957
38	87.3	4785^33	4890^35	4924^36	4754F23	4890D33	4924D36	4960
36	87.0	4786^33	4891^35	4926^36	4767F23	4891D34	4926D36	4962
34	86.7	4786^33	4892^35	4927^36	4779^24	4892D34	4927D36	4964
32	86.5	4787^33	4893^35	4928^36	4780^24	4893D34	4928D36	4966
30	86.2	4787^33	4894^35	4929^36	4781^25	4894D35	4929D36	4968
20	84.8	4788^33	4899^35	4935^36	4786^27	4899D35	4935D36	4976
10	83.3	4778^33	4891^35	4929^36	4778D29	4891D35	4929D36	4971
0	81.8	4778^33	4894^35	4933^36	4778D32	4894D35	4933D36	4981
-10	80.3	4772^33	4891^35	4932^36	4772D33	4891D35	4932D36	4985
-20	78.7	4760^33	4883^35	4925^36	4760D33	4883D35	4925D36	4983
-30	77.2	4746^32	4874^35	4917^35	4746D33	4874D35	4917D36	4980

High QNH **+0** per .10" Engine A/I ON **-830**
Low QNH **-170** per .10" Wing A/I ON **-830**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.7	4468^29	4564^30	4596^31	4466^23	4564D31	4596D31	4639
46	90.9	4577^30	4675^32	4707^32	4574^24	4675D32	4707D33	4754
44	91.0	4681^32	4780^33	4813^34	4676^24	4780D33	4813D34	4860
42	90.9	4784^33	4885^35	4919^35	4777^25	4885D35	4919D35	4964
40	90.8	4879^34	4981^36	5015^37	4871^25	4981D35	5015D37	5065
38	90.5	4972^36	5071A37	5071A37	4950F25	5071A35	5071A37	5071
36	90.2	5060^37	5071A37	5071A37	4995F25	5071A36	5071A37	5071
34	89.9	5071A37	5071A37	5071A37	5032F25	5071A36	5071A37	5071
32	89.7	5071A37	5071A37	5071A37	5053F26	5071A37	5071A37	5071
30	89.4	5071A37	5071A37	5071A37	5068F26	5071A37	5071A37	5071
20	87.8	5071A37	5071A37	5071A37	5071A28	5071A37	5071A37	5071
10	86.3	5071A37	5071A37	5071A37	5071A31	5071A37	5071A37	5071
0	84.8	5071A37	5071A37	5071A37	5071A33	5071A37	5071A37	5071
-10	83.2	5071A37	5071A37	5071A37	5071A35	5071A37	5071A37	5071
-20	81.6	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37	5071
-30	80.0	5071A37	5071A37	5071A37	5071A37	5071A37	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-180** per .10" Wing A/I ON **+0**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.7	4468^29-29-38	4564^30-30-39	4596^31-31-40	4628^32-32-40
46	90.9	4577^30-30-40	4675^32-32-41	4707^32-32-42	4739^33-33-42
44	91.0	4681^32-32-41	4780^33-33-43	4813^34-34-43	4846^34-34-44
42	90.9	4784^33-33-43	4885^35-35-44	4919^35-35-45	4952^36-36-45
40	90.8	4879^34-34-44	4981^36-36-46	5015^37-37-46	5049^37-37-47
38	90.5	4972^36-36-45	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	90.2	5060^37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.9	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.7	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	89.4	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
20	87.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
10	86.3	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.8	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	83.2	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-20	81.6	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47
-30	80.0	5071A37-37-47	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **+0**
Low QNH **-180** per .10" Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	487	Length	9715	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.22
Rwy Rev.		Program						Rules	FAA		**02 Jul 20**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4468^29	4564^30	4596^31
46	4577^30	4675^32	4707^32
44	4681^32	4780^33	4813^34
42	4784^33	4885^35	4919^35
40	4879^34	4981^36	5015^37
38	4972^36	5071A37	5071A37
36	5060^37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A37	5071A37	5071A37
10	5071A37	5071A37	5071A37
0	5071A37	5071A37	5071A37
-10	5071A37	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4460^29	4556^30	4588^31
46	4570^30	4667^32	4699^32
44	4673^32	4772^33	4805^34
42	4775^33	4876^35	4910^35
40	4872^34	4973^36	5008^37
38	4963^35	5066^37	5071A37
36	5043^37	5071A37	5071A37
34	5071A37	5071A37	5071A37
32	5071A37	5071A37	5071A37
30	5071A37	5071A37	5071A37
20	5071A37	5071A37	5071A37
10	5043^36	5071A37	5071A37
0	5042^36	5071A37	5071A37
-10	5046^36	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	Flaps +0	Flaps +10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4466^23	4564D31	4596D31
46	4574^24	4675D32	4707D33
44	4676^24	4780D33	4813D34
42	4777^25	4885D35	4919D35
40	4871^25	4981D35	5015D37
38	4950F25	5071A35	5071A37
36	4995F25	5071A36	5071A37
34	5032F25	5071A36	5071A37
32	5053F26	5071A37	5071A37
30	5068F26	5071A37	5071A37
20	5071A28	5071A37	5071A37
10	5071A31	5071A37	5071A37
0	5071A33	5071A37	5071A37
-10	5071A35	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-180** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4459^23	4556D30	4588D31
46	4566^24	4667D32	4699D32
44	4668^24	4772D33	4805D34
42	4769^24	4876D34	4910D35
40	4863^25	4973D35	5008D37
38	4933F25	5066D35	5071A37
36	4982F25	5071A35	5071A37
34	5017F25	5071A36	5071A37
32	5037F25	5071A36	5071A37
30	5057F26	5071A37	5071A37
20	5071A28	5071A37	5071A37
10	5041^30	5071A37	5071A37
0	5042D33	5071A37	5071A37
-10	5046D35	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	Flaps +0	Flaps +10H
48			
46			
44			
42			
40			
38			
36			
34			
32			
30			
20			
10			
0			
-10			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	4494F 5	4755F14	4847F17
26	4506F 5	4768F15	4860F18
24	4516F 5	4781F15	4874F18
22	4528F 6	4794F15	4887F19
20	4540F 6	4807F16	4901F19
18	4552F 6	4820F16	4915F19
16	4563F 7	4834F17	4929F20
14	4574F 7	4846F17	4942F20
12	4585F 7	4858F17	4954F21
10	4595F 8	4870F18	4964F21
0	4661F10	4943F20	5041F23
-10	4726F12	5015F22	5071A25
-20	4789F14	5071A24	5071A28
-30	4857F16	5071A27	5071A31

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-480**
Wing A/I ON **-480**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	4173F 9	4402F18	4483F21
26	4183F 9	4414F18	4495F21
24	4196F 9	4424F19	4506F22
22	4206F10	4435F19	4519F22
20	4215F10	4446F19	4531F22
18	4225F10	4458F20	4543F23
16	4235F11	4469F20	4556F23
14	4245F11	4481F21	4568F23
12	4255F12	4492F21	4579F24
10	4265F12	4502F21	4591F24
0	4323F14	4568F23	4659F26
-10	4375F16	4632F25	4729F28
-20	4428F18	4698F27	4799F30
-30	4481F20	4767F29	4874F32

High QNH **+80** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-480**
Wing A/I ON **-480**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	Flaps +0	Flaps +10H
28			
26			
24			
22			
20			
18			
16			
14			
12			
10			
0			
-10			
-20			
-30			

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	487	Length	9715	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.22
Rwy Rev.		Program						Rules	FAA		**02 Jul 20**

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TAR Mexico **EMB-145** **AE3007A1P**

TOLUCA -TLC 15 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.9 TLC	**9466'**	***RT TLC**	**9466'**	**STD**

*IF TLC VOR OTS THEN RT H330 TO PTJ VOR

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
32	89.3	3793^19	3869^20	3894^21	3793D19	3869D20	3894D21	3948
30	89.6	3870^20	3947^21	3973^22	3870D20	3947D21	3973D22	4026
28	89.9	3951^21	4029^23	4054^23	3951D21	4029D23	4054D23	4109
26	90.2	4032^22	4110^24	4136^24	4032D22	4110D24	4136D24	4192
24	90.5	4115^24	4195^25	4220^26	4115D24	4195D25	4220D26	4275
22	90.8	4198^25	4278^26	4305^27	4198D25	4278D26	4305D27	4359
20	91.1	4271^26	4353^27	4380^28	4271D26	4353D27	4380D28	4435
18	90.9	4330^27	4411^28	4439^29	4330D27	4411D28	4439D29	4496
16	90.6	4337^27	4419^28	4447^29	4337D27	4419D28	4447D29	4507
14	90.4	4338^27	4421^28	4449^29	4338D27	4421D28	4449D29	4508
12	90.2	4339^27	4422^28	4450^29	4339D27	4422D29	4450D29	4509
10	89.9	4339^27	4422^28	4450^29	4339D27	4422D29	4450D29	4510
0	88.3	4337^27	4423^28	4452^29	4337D27	4423D29	4452D29	4514
-10	86.7	4321^27	4409^28	4439^29	4321D27	4409D28	4439D29	4503
-20	85.0	4315^26	4407^28	4437^29	4315D27	4407D28	4437D29	4505
-30	83.3	4304^26	4398^28	4430^29	4304D26	4398D28	4430D29	4502

High QNH **+100** per .10" Engine A/I ON **-6780**
Low QNH per .10" Wing A/I ON **-6780**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
32	94.4	3801^19	3877^20	3893^21	3801D19	3877D20	3893D21	3939
30	94.7	3880^20	3957^21	3982^22	3880D20	3957D22	3982D22	4026
28	94.6	3962^21	4038^23	4064^23	3962D21	4038D23	4064D23	4110
26	94.5	4044^23	4121^24	4147^24	4044D23	4121D24	4147D25	4193
24	94.5	4127^24	4205^25	4231^26	4127D24	4205D25	4231D26	4277
22	94.4	4211^25	4290^27	4316^27	4211D25	4290D27	4316D27	4361
20	94.4	4285^26	4365^28	4392^28	4285D26	4365D28	4392D28	4436
18	94.3	4344^27	4425^29	4452^29	4344D27	4425D29	4452D29	4497
16	94.3	4353^27	4434^29	4461^29	4353D27	4434D29	4461D29	4507
14	94.1	4355^27	4436^29	4464^29	4355D27	4436D29	4464D29	4509
12	93.8	4356^27	4438^29	4466^29	4356D27	4438D29	4466D29	4510
10	93.5	4356^27	4438^29	4466^29	4356D27	4438D29	4466D29	4510
0	91.8	4354^27	4439^29	4467^29	4354D27	4439D29	4467D29	4514
-10	90.1	4338^27	4426^28	4455^29	4338D27	4426D29	4455D29	4505
-20	88.4	4333^27	4423^28	4453^29	4333D27	4423D29	4453D29	4508
-30	86.6	4320^27	4413^28	4444^29	4320D27	4413D28	4444D29	4504

High QNH **+100** per .10" Engine A/I ON **-6850**
Low QNH per .10" Wing A/I ON **-6850**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
32	94.4	3801^19-19-28	3877^20-20-29	3893^21-21-29	3890^21-21-29
30	94.7	3880^20-20-29	3957^21-21-30	3982^22-22-31	3998^22-22-31
28	94.6	3962^21-21-30	4038^23-23-32	4064^23-23-32	4090^24-24-32
26	94.5	4044^23-23-32	4121^24-24-33	4147^24-24-33	4172^25-25-34
24	94.5	4127^24-24-33	4205^25-25-34	4231^26-26-35	4257^26-26-35
22	94.4	4211^25-25-34	4290^27-27-36	4316^27-27-36	4343^27-27-36
20	94.4	4285^26-26-35	4365^28-28-37	4392^28-28-37	4418^29-29-37
18	94.3	4344^27-27-36	4425^29-29-38	4452^29-29-38	4479^30-30-38
16	94.3	4353^27-27-37	4434^29-29-38	4461^29-29-38	4488^30-30-39
14	94.1	4355^27-27-37	4436^29-29-38	4464^29-29-38	4491^30-30-39
12	93.8	4356^27-27-37	4438^29-29-38	4466^29-29-38	4493^30-30-39
10	93.5	4356^27-27-37	4438^29-29-38	4466^29-29-38	4493^30-30-39
0	91.8	4354^27-27-37	4439^29-29-38	4467^29-29-38	4495^30-30-39
-10	90.1	4338^27-27-36	4426^28-28-38	4455^29-29-38	4484^30-30-38
-20	88.4	4333^27-27-36	4423^28-28-38	4453^29-29-38	4483^29-29-38
-30	86.6	4320^27-27-36	4413^28-28-37	4444^29-29-38	4476^29-29-38

High QNH **+100** per .10" Engine A/I ON **-6850**
Low QNH per .10" Wing A/I ON **-6850**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 8466 Length 13780 Shift **0** Clearway 0 Stopway 0 Slope +0.01
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
32	3801^19	3877^20	3893^21
30	3880^20	3957^21	3982^22
28	3962^21	4038^23	4064^23
26	4044^23	4121^24	4147^24
24	4127^24	4205^25	4231^26
22	4211^25	4290^27	4316^27
20	4285^26	4365^28	4392^28
18	4344^27	4425^29	4452^29
16	4353^27	4434^29	4461^29
14	4355^27	4436^29	4464^29
12	4356^27	4438^29	4466^29
10	4356^27	4438^29	4466^29
0	4354^27	4439^29	4467^29
-10	4338^27	4426^28	4455^29

High QNH **+100** per .10"
Low QNH per .10"

Engine A/I ON **-6850**
Wing A/I ON **-6850**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
32	3796^19	3872^20	3860^20
30	3875^20	3951^21	3976^22
28	3956^21	4032^23	4058^23
26	4037^22	4115^24	4141^24
24	4121^24	4199^25	4226^26
22	4205^25	4284^26	4310^27
20	4266^26	4346^27	4373^28
18	4314^27	4394^28	4422^29
16	4347^27	4428^29	4455^29
14	4350^27	4432^29	4459^29
12	4351^27	4432^29	4460^29
10	3672^17	3750^18	3776^19
0	4081^23	4164^24	4191^25
-10	4238^25	4325^27	4354^27

High QNH **+100** per .10"
Low QNH per .10"

Engine A/I ON **-40**
Wing A/I ON **-40**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
32	3801D19	3877D20	3893D21
30	3880D20	3957D22	3982D22
28	3962D21	4038D23	4064D23
26	4044D23	4121D24	4147D25
24	4127D24	4205D25	4231D26
22	4211D25	4290D27	4316D27
20	4285D26	4365D28	4392D28
18	4344D27	4425D29	4452D29
16	4353D27	4434D29	4461D29
14	4355D27	4436D29	4464D29
12	4356D27	4438D29	4466D29
10	4356D27	4438D29	4466D29
0	4354D27	4439D29	4467D29
-10	4338D27	4426D29	4455D29

High QNH **+100** per .10"
Low QNH per .10"

Engine A/I ON **-6850**
Wing A/I ON **-6850**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
32	3796D19	3872D20	3860D21
30	3875D20	3951D21	3976D22
28	3956D21	4032D23	4058D23
26	4037D23	4115D24	4141D24
24	4121D24	4199D25	4226D26
22	4205D25	4284D27	4310D27
20	4266D26	4346D27	4373D28
18	4314D27	4394D28	4422D29
16	4347D27	4428D29	4455D29
14	4350D27	4432D29	4459D29
12	4351D27	4432D29	4460D29
10	3672D27	3750D18	3776D19
0	4081D23	4164D25	4191D25
-10	4238D25	4325D27	4354D28

High QNH **+100** per .10"
Low QNH per .10"

Engine A/I ON **-40**
Wing A/I ON **-40**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3921^ 8	4015^17	4046^20
26	3996^ 8	4094^17	4126^20
24	4061^ 8	4176^17	4208^20
22	4127^ 9	4259^18	4291^21
20	4192^ 9	4332^18	4365^21
18	4236^10	4391^19	4424^22
16	4272^11	4403^20	4436^23
14	4289^11	4407^20	4441^23
12	4302^12	4410^21	4444^24
10	4311^12	4412^21	4446^24
0	4315^14	4419^24	4454^27
-10	4307^17	4415^27	4449^29
-20	4309^20	4417^28	4447^29
-30	4304^22	4407^28	4439^29

High QNH **+100** per .10"
Low QNH per .10"

Engine A/I ON **-6620**
Wing A/I ON **-6620**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3726^11	3906^18	3975^20
26	3792^11	3973^18	4040^20
24	3859^12	4041^19	4108^21
22	3928^12	4110^20	4179^22
20	3996^13	4179^20	4249^23
18	4045^13	4231^21	4303^23
16	4086^14	4278^22	4351^24
14	4106^15	4301^22	4375^25
12	4119^15	4317^23	4391^25
10	4129^16	4329^23	4404^25
0	4179^17	4388^25	4430^28
-10	4229^19	4393^27	4426^28
-20	4275^21	4395^28	4425^28
-30	4278^24	4386^28	4418^28

High QNH **+100** per .10"
Low QNH per .10"

Engine A/I ON **-5950**
Wing A/I ON **-5950**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 8466 Length 13780 Shift **0** Clearway 0 Stopway 0 Slope +0.01
Rwy Rev. Program Rules FAA **26 Oct 17**

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TOLUCA -TLC 33 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D8.6 TLC	**9466'**	***LT TLC**	**9466'**	**STD**

*IF TLC VOR OTS THEN LT H143 TO TEQ VOR

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
32	89.3	3793^19	3869^20	3895^21	3793D19	3869D20	3895D21	3948
30	89.6	3871^20	3948^21	3974^22	3871D20	3948D21	3974D22	4026
28	89.9	3951^21	4029^23	4054^23	3951D21	4029D23	4054D23	4109
26	90.2	4033^22	4111^24	4137^24	4033D22	4111D24	4137D24	4192
24	90.5	4116^24	4195^25	4221^26	4116D24	4195D25	4221D26	4275
22	90.8	4198^25	4278^26	4305^27	4198D25	4278D26	4305D27	4359
20	91.1	4272^26	4353^27	4380^28	4272D26	4353D27	4380D28	4435
18	90.9	4330^27	4412^28	4439^29	4330D27	4412D28	4439D29	4496
16	90.6	4337^27	4419^28	4447^29	4337D27	4419D28	4447D29	4507
14	90.4	4338^27	4421^28	4449^29	4338D27	4421D28	4449D29	4508
12	90.2	4339^27	4422^28	4450^29	4339D27	4422D29	4450D29	4509
10	89.9	4339^27	4423^28	4451^29	4339D27	4423D29	4451D29	4510
0	88.3	4337^27	4423^28	4452^29	4337D27	4423D29	4452D29	4514
-10	86.7	4321^27	4410^28	4439^29	4321D27	4410D28	4439D29	4503
-20	85.0	4315^26	4407^28	4437^29	4315D27	4407D28	4437D29	4505
-30	83.3	4304^26	4398^28	4430^29	4304D26	4398D28	4430D29	4502

High QNH **+100** per .10" Engine A/I ON **-6780**
Low QNH per .10" Wing A/I ON **-6780**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
32	94.4	3802^19	3877^20	3902^21	3802D19	3877D20	3902D21	3948
30	94.7	3880^20	3957^21	3982^22	3880D20	3957D22	3982D22	4026
28	94.6	3962^21	4038^23	4064^23	3962D21	4038D23	4064D23	4110
26	94.5	4044^23	4121^24	4147^24	4044D23	4121D24	4147D25	4193
24	94.5	4127^24	4205^25	4231^26	4127D24	4205D25	4231D26	4277
22	94.4	4212^25	4290^27	4317^27	4212D25	4290D27	4317D27	4361
20	94.4	4285^26	4366^28	4392^28	4285D26	4366D28	4392D28	4436
18	94.3	4344^27	4425^29	4452^29	4344D27	4425D29	4452D29	4497
16	94.3	4353^27	4434^29	4461^29	4353D27	4434D29	4461D29	4507
14	94.1	4355^27	4436^29	4464^29	4355D27	4436D29	4464D29	4509
12	93.8	4356^27	4438^29	4466^29	4356D27	4438D29	4466D29	4510
10	93.5	4356^27	4438^29	4466^29	4356D27	4438D29	4466D29	4510
0	91.8	4354^27	4439^29	4467^29	4354D27	4439D29	4467D29	4514
-10	90.1	4339^27	4426^28	4455^29	4339D27	4426D29	4455D29	4505
-20	88.4	4333^27	4423^28	4453^29	4333D27	4423D29	4453D29	4508
-30	86.6	4320^27	4413^28	4444^29	4320D27	4413D28	4444D29	4504

High QNH **+100** per .10" Engine A/I ON **-6860**
Low QNH per .10" Wing A/I ON **-6860**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
32	94.4	3802^19-19-28	3877^20-20-29	3902^21-21-29	3927^21-21-30
30	94.7	3880^20-20-29	3957^21-21-30	3982^22-22-31	4007^22-22-31
28	94.6	3962^21-21-30	4038^23-23-32	4064^23-23-32	4090^24-24-32
26	94.5	4044^23-23-32	4121^24-24-33	4147^24-24-33	4173^25-25-34
24	94.5	4127^24-24-33	4205^25-25-34	4231^26-26-35	4257^26-26-35
22	94.4	4212^25-25-34	4290^27-27-36	4317^27-27-36	4343^27-27-36
20	94.4	4285^26-26-35	4366^28-28-37	4392^28-28-37	4418^29-29-37
18	94.3	4344^27-27-36	4425^29-29-38	4452^29-29-38	4479^30-30-38
16	94.3	4353^27-27-37	4434^29-29-38	4461^29-29-38	4488^30-30-39
14	94.1	4355^27-27-37	4436^29-29-38	4464^29-29-38	4491^30-30-39
12	93.8	4356^27-27-37	4438^29-29-38	4466^29-29-38	4493^30-30-39
10	93.5	4356^27-27-37	4438^29-29-38	4466^29-29-38	4494^30-30-39
0	91.8	4354^27-27-37	4439^29-29-38	4467^29-29-38	4496^30-30-39
-10	90.1	4339^27-27-36	4426^28-28-38	4455^29-29-38	4484^30-30-38
-20	88.4	4333^27-27-36	4423^28-28-38	4453^29-29-38	4484^29-29-38
-30	86.6	4320^27-27-36	4413^28-28-37	4444^29-29-38	4476^29-29-38

High QNH **+100** per .10" Engine A/I ON **-6860**
Low QNH per .10" Wing A/I ON **-6860**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 8466 Length 13780 Shift **0** Clearway 0 Stopway 0 Slope -0.01
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
32	3802^19	3877^20	3902^21	3796^19	3872^20	3897^21			
30	3880^20	3957^21	3982^22	3875^20	3951^21	3976^22			
28	3962^21	4038^23	4064^23	3956^21	4032^23	4058^23			
26	4044^23	4121^24	4147^24	4038^22	4115^24	4141^24			
24	4127^24	4205^25	4231^26	4121^24	4199^25	4226^26			
22	4212^25	4290^27	4317^27	4205^25	4284^26	4310^27			
20	4285^26	4366^28	4392^28	4266^26	4346^27	4373^28			
18	4344^27	4425^29	4452^29	4314^27	4394^28	4422^29			
16	4353^27	4434^29	4461^29	4347^27	4428^29	4455^29			
14	4355^27	4436^29	4464^29	4351^27	4432^29	4460^29			
12	4356^27	4438^29	4466^29	4351^27	4433^29	4460^29			
10	4356^27	4438^29	4466^29	4351^27	3750^18	3776^19			
0	4354^27	4439^29	4467^29	4081^23	4164^24	4191^25			
-10	4339^27	4426^28	4455^29	4239^25	4325^27	4354^27			
	High QNH +100 per .10" Low QNH per .10"			High QNH +100 per .10" Low QNH per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -6860 Wing A/I ON -6860			Engine A/I ON -40 Wing A/I ON -40			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
32	3802D19	3877D20	3902D21	3796D19	3872D20	3897D21			
30	3880D20	3957D22	3982D22	3875D20	3951D21	3976D22			
28	3962D21	4038D23	4064D23	3956D21	4032D23	4058D23			
26	4044D23	4121D24	4147D25	4038D23	4115D24	4141D24			
24	4127D24	4205D25	4231D26	4121D24	4199D25	4226D26			
22	4212D25	4290D27	4317D27	4205D25	4284D27	4310D27			
20	4285D26	4366D28	4392D28	4266D26	4346D27	4373D28			
18	4344D27	4425D29	4452D29	4314D27	4394D28	4422D29			
16	4353D27	4434D29	4461D29	4347D27	4428D29	4455D29			
14	4355D27	4436D29	4464D29	4351D27	4432D29	4460D29			
12	4356D27	4438D29	4466D29	4351D27	4433D29	4460D29			
10	4356D27	4438D29	4466D29	3668^17	3750D18	3776D19			
0	4354D27	4439D29	4467D29	4081D23	4164D25	4191D25			
-10	4339D27	4426D29	4455D29	4239D25	4325D27	4354D28			
	High QNH +100 per .10" Low QNH per .10"			High QNH +100 per .10" Low QNH per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -6860 Wing A/I ON -6860			Engine A/I ON -40 Wing A/I ON -40			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3921^ 8	4015^17	4046^20	3769F10	3959^17	4003^20			
26	4001^ 8	4094^17	4126^20	3837F11	4028^18	4081^20			
24	4082^ 8	4176^17	4209^20	3908F11	4099^18	4162^21			
22	4163^ 9	4259^18	4291^21	3977F12	4171^19	4236^21			
20	4236^ 9	4332^18	4365^21	4048F12	4243^20	4309^22			
18	4293^ 9	4391^19	4424^22	4100F13	4297^20	4364^23			
16	4305^10	4403^20	4436^23	4145F14	4344^21	4396^24			
14	4308^11	4407^20	4441^23	4167F14	4366^22	4405^24			
12	4311^11	4410^21	4444^24	4181F15	4370^22	4410^25			
10	4312^12	4412^21	4446^24	4192F15	4373^23	4413^25			
0	4316^14	4419^24	4455^27	4249F17	4388^25	4430^28			
-10	4307^17	4415^27	4449^29	4269^19	4393^27	4427^28			
-20	4309^20	4417^28	4447^29	4276^21	4395^28	4426^28			
-30	4304^22	4408^28	4439^29	4278^24	4386^28	4418^28			
	High QNH +100 per .10" Low QNH per .10"			High QNH +100 per .10" Low QNH per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -6620 Wing A/I ON -6620			Engine A/I ON -6390 Wing A/I ON -6390			Engine A/I ON Wing A/I ON		

Elevation 8466 Length 13780 Shift **0** Clearway 0 Stopway 0 Slope -0.01

Rwy Rev. Program Rules FAA **26 Oct 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		4688'		**LT H330**	**4688'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	88.2	4076^22	4225^25	4276^26	4044^13	4225D22	4276D25	4391
40	88.5	4144^23	4297^26	4349^27	4108^13	4297D22	4349D25	4480
38	88.7	4210^24	4366^27	4419^28	4170^14	4366D23	4419D26	4567
36	88.9	4276^25	4435^28	4489^29	4232^14	4435D24	4489D27	4654
34	89.1	4340^26	4501^29	4557^30	4291^15	4501D24	4557D27	4735
32	89.3	4393^27	4557^30	4613^31	4342^15	4557D25	4613D28	4816
30	89.5	4438^27	4604^30	4661^31	4385^15	4604D25	4661D28	4876
28	89.2	4458^28	4625^31	4682^32	4405^16	4625D25	4682D29	4896
26	89.0	4472^28	4640^31	4696^32	4420^16	4640D26	4696D29	4916
24	88.7	4484^28	4652^31	4708^32	4433^17	4652D26	4708D29	4920
22	88.4	4492^28	4660^31	4717^32	4444^17	4660D27	4717D30	4922
20	88.2	4502^28	4670^31	4727^32	4455^17	4670D27	4727D30	4924
10	86.7	4548^29	4716^32	4773^33	4510^19	4716D29	4773D32	4931
0	85.1	4585^30	4752^33	4809^34	4559^21	4752D31	4809D34	4922
-10	83.6	4629^31	4796^34	4854^35	4614^23	4796D33	4854D35	4928
-20	82.0	4671^31	4838^34	4896^35	4668^25	4838D35	4896D35	4928

High QNH **+50** per .10" Engine A/I ON **-660**
Low QNH **-150** per .10" Wing A/I ON **-660**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	92.8	4131^23	4275^26	4325^27	4093^14	4275D24	4325D27	4392
40	92.9	4202^24	4350^27	4400^28	4158^15	4350D24	4400D27	4482
38	92.9	4268^25	4420^28	4472^29	4221^15	4420D25	4472D28	4568
36	92.9	4335^26	4491^29	4543^30	4283^16	4491D25	4543D28	4655
34	92.9	4401^27	4559^30	4613^31	4344^16	4559D26	4613D29	4737
32	92.8	4466^28	4627^31	4681^32	4403^16	4627D26	4681D29	4819
30	92.8	4529^29	4694^32	4749^33	4463^17	4691^27	4749D30	4905
28	92.6	4583^30	4750^33	4807^33	4515^17	4744^27	4807D30	4994
26	92.4	4620^30	4787^33	4844^34	4549^18	4781^28	4844D31	5012
24	92.2	4630^30	4798^33	4855^34	4562^18	4794^28	4855D31	5014
22	91.9	4640^30	4808^33	4864^34	4574^19	4806^28	4864D31	5016
20	91.6	4649^31	4817^34	4874^34	4585^19	4817D29	4874D32	5018
10	90.0	4696^31	4864^34	4922^35	4643^21	4864D31	4922D34	5026
0	88.4	4735^32	4902^35	4959^36	4696^23	4902D33	4959D36	5017
-10	86.8	4780^33	4934^35	4969^36	4755^25	4934D35	4969D36	5023
-20	85.1	4818^33	4927^35	4963^36	4811^27	4927D35	4963D36	5022

High QNH **+80** per .10" Engine A/I ON **-1260**
Low QNH **-170** per .10" Wing A/I ON **-1260**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	92.8	4131^23-23-33	4275^26-26-35	4325^27-27-36	4376^28-28-37
40	92.9	4202^24-24-34	4350^27-27-36	4400^28-28-37	4452^29-29-38
38	92.9	4268^25-25-35	4420^28-28-37	4472^29-29-38	4525^30-30-39
36	92.9	4335^26-26-36	4491^29-29-38	4543^30-30-39	4597^31-31-40
34	92.9	4401^27-27-37	4559^30-30-39	4613^31-31-40	4668^32-32-41
32	92.8	4466^28-28-38	4627^31-31-40	4681^32-32-41	4737^33-33-42
30	92.8	4529^29-29-39	4694^32-32-41	4749^33-33-42	4806^34-34-43
28	92.6	4583^30-30-40	4750^33-33-42	4807^33-33-43	4864^34-34-44
26	92.4	4620^30-30-40	4787^33-33-43	4844^34-34-44	4902^35-35-44
24	92.2	4630^30-30-41	4798^33-33-43	4855^34-34-44	4913^35-35-45
22	91.9	4640^30-30-41	4808^33-33-43	4864^34-34-44	4923^35-35-45
20	91.6	4649^31-31-41	4817^34-34-43	4874^34-34-44	4932^35-35-45
10	90.0	4696^31-31-41	4864^34-34-44	4922^35-35-45	4980^36-36-46
0	88.4	4735^32-32-42	4902^35-35-44	4959^36-36-45	5003^37-37-46
-10	86.8	4780^33-33-43	4934^35-35-45	4969^36-36-45	5005^37-37-46
-20	85.1	4818^33-33-43	4927^35-35-45	4963^36-36-45	5000^37-37-46

High QNH **+80** per .10" Engine A/I ON **-1260**
Low QNH **-170** per .10" Wing A/I ON **-1260**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 3688 Length 9039 Shift **0** Clearway 0 Stopway 0 Slope -0.08
Rwy Rev. Program Rules FAA **10 Feb 20**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
42	4131^23	4275^26	4325^27	4121^23	4266^26	4316^27			
40	4202^24	4350^27	4400^28	4192^24	4340^27	4392^28			
38	4268^25	4420^28	4472^29	4259^25	4411^28	4463^29			
36	4335^26	4491^29	4543^30	4326^26	4481^29	4534^30			
34	4401^27	4559^30	4613^31	4392^27	4550^30	4604^31			
32	4466^28	4627^31	4681^32	4456^28	4617^31	4672^32			
30	4529^29	4694^32	4749^33	4519^29	4683^32	4739^33			
28	4583^30	4750^33	4807^33	4558^29	4723^32	4780^33			
26	4620^30	4787^33	4844^34	4597^30	4764^33	4821^34			
24	4630^30	4798^33	4855^34	4620^30	4789^33	4846^34			
22	4640^30	4808^33	4864^34	4630^30	4799^33	4855^34			
20	4649^31	4817^34	4874^34	4639^30	4808^33	4865^34			
10	4696^31	4864^34	4922^35	4578^30	4736^33	4782^34			
0	4735^32	4902^35	4959^36	4676^31	4839^34	4895^35			
	High QNH **+90** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1260** Wing A/I ON **-1260**			Engine A/I ON **-10** Wing A/I ON **-10**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
42	4093^14	4275D24	4325D27	4085^14	4266D23	4316D26			
40	4158^15	4350D24	4400D27	4151^14	4340D24	4392D27			
38	4221^15	4420D25	4472D28	4213^15	4411D24	4463D27			
36	4283^16	4491D25	4543D28	4274^15	4481D25	4534D28			
34	4344^16	4559D26	4613D29	4335^16	4550D25	4604D28			
32	4403^16	4627D26	4681D29	4395^16	4617D26	4672D29			
30	4463^17	4691^27	4749D30	4455^17	4681^26	4739D30			
28	4515^17	4744^27	4807D30	4492^17	4720^27	4780D30			
26	4549^18	4781^28	4844D31	4530^18	4760^27	4821D30			
24	4562^18	4794^28	4855D31	4554^18	4785^28	4846D31			
22	4574^19	4806^28	4864D31	4566^18	4797^28	4855D31			
20	4585^19	4817D29	4874D32	4578^19	4808D29	4865D32			
10	4643^21	4864D31	4922D34	4540^21	4736D31	4782D34			
0	4696^23	4902D33	4959D36	4643^23	4839D33	4895D36			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1260** Wing A/I ON **-1260**			Engine A/I ON **-10** Wing A/I ON **-10**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3382F98	4267F 5	4349F 8	3673F 0	3956F 8	4052F11			
26	3414F99	4302F 5	4382^ 8	3715F 0	4000F 9	4095F11			
24	3518F98	4315F 5	4393^ 9	3728F 0	4012F 9	4109F12			
22	3617F98	4327F 6	4404^ 9	3740F 1	4027F 9	4123F12			
20	3727F98	4340F 6	4415^ 9	3752F 1	4040F 9	4137F12			
18	3828F98	4353F 7	4425^10	3766F 1	4055F10	4154F13			
16	3946F98	4364F 7	4436^10	3779F 2	4069F10	4175F13			
14	4041F98	4377F 7	4447^11	3793F 2	4083F10	4194F13			
12	4144F98	4389F 8	4458^11	3806F 2	4095^11	4214F13			
10	4156F98	4402F 8	4468^11	3819F 3	4109F11	4232F14			
0	4208F 0	4449^10	4521^13	3881F 4	4176F13	4293^15			
-10	4267F 2	4507^12	4584^16	3944F 6	4253^14	4293^15			
-20	4327F 4	4567^15	4646^18	4005F 7	4247^14	4288^14			
-30	4386F 6	4626^17	4710^20	4053^ 9	4235^14	4278^14			
	High QNH **+90** per .10" Low QNH **-120** per .10"			High QNH **+80** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1110** Wing A/I ON **-1110**			Engine A/I ON **-710** Wing A/I ON **-710**			Engine A/I ON Wing A/I ON		

Elevation 3688 Length 9039 Shift **0** Clearway 0 Stopway 0 Slope -0.08

Rwy Rev. Program Rules FAA **10 Feb 20**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		4688'		**RT H340**	**4688'**	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	88.2	3966^20	4110^23	4158^24	3960^13	4110D23	4158D25	4391
40	88.5	4033^21	4180^24	4230^25	4024^14	4180D23	4230D26	4480
38	88.7	4099^22	4248^25	4300^26	4085^14	4248D24	4300D27	4567
36	88.9	4163^23	4316^26	4369^27	4147^15	4316D24	4369D27	4654
34	89.1	4226^24	4381^27	4435^28	4206^15	4381D25	4435D28	4735
32	89.3	4279^25	4436^28	4491^29	4257^16	4436D25	4491D28	4816
30	89.5	4323^25	4482^28	4539^29	4299^16	4482D26	4539D29	4876
28	89.2	4343^26	4502^29	4557^29	4319^17	4502D26	4557D29	4896
26	89.0	4356^26	4516^29	4572^30	4333^17	4516D26	4572D30	4916
24	88.7	4366^26	4527^29	4583^30	4346^17	4527D27	4583D30	4920
22	88.4	4374^26	4536^29	4591^30	4356^18	4536D27	4591D30	4922
20	88.2	4383^26	4544^29	4600^30	4366^18	4544D28	4600D31	4924
10	86.7	4424^27	4586^30	4641^31	4416^20	4586D30	4641D32	4931
0	85.1	4455^28	4613^30	4668^31	4455D22	4613D31	4668D32	4922
-10	83.6	4491^28	4650^31	4705^32	4491D24	4650D32	4705D33	4928
-20	82.0	4523^29	4683^32	4737^33	4523D26	4683D32	4737D33	4928

High QNH **+40** per .10" Engine A/I ON **-700**
Low QNH **-150** per .10" Wing A/I ON **-700**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	92.8	4011^21	4149^24	4196^25	4005^15	4149D24	4196D26	4392
40	92.9	4082^22	4223^25	4271^26	4071^15	4223D25	4271D27	4482
38	92.9	4149^23	4293^26	4343^27	4133^16	4293D25	4343D28	4568
36	92.9	4215^24	4364^27	4414^28	4196^16	4364D26	4414D29	4655
34	92.9	4280^25	4432^28	4484^29	4256^17	4432D26	4484D29	4737
32	92.8	4343^26	4499^29	4551^30	4315^17	4499D27	4551D30	4819
30	92.8	4406^27	4565^30	4619^30	4375^18	4565D27	4619D30	4905
28	92.6	4461^27	4621^30	4676^31	4427^18	4621D28	4676D31	4994
26	92.4	4495^28	4657^31	4712^32	4461^18	4657D28	4712D31	5012
24	92.2	4505^28	4666^31	4722^32	4472^19	4666D29	4722D32	5014
22	91.9	4513^28	4675^31	4730^32	4483^19	4675D29	4730D32	5016
20	91.6	4522^28	4684^31	4739^32	4493^20	4684D29	4739D33	5018
10	90.0	4564^29	4724^32	4779^33	4547^22	4724D31	4779D34	5026
0	88.4	4593^30	4753^32	4806^33	4591^24	4753D33	4806D34	5017
-10	86.8	4630^30	4789^33	4844^34	4630D26	4789D34	4844D35	5023
-20	85.1	4662^31	4821^34	4876^34	4662D28	4821D34	4876D35	5022

High QNH **+90** per .10" Engine A/I ON **-1350**
Low QNH **-160** per .10" Wing A/I ON **-1350**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	92.8	4011^21-21-31	4149^24-24-33	4196^25-25-34	4244^25-25-35
40	92.9	4082^22-22-32	4223^25-25-34	4271^26-26-35	4320^27-27-36
38	92.9	4149^23-23-33	4293^26-26-35	4343^27-27-36	4392^28-28-37
36	92.9	4215^24-24-34	4364^27-27-37	4414^28-28-37	4465^29-29-38
34	92.9	4280^25-25-35	4432^28-28-38	4484^29-29-38	4535^30-30-39
32	92.8	4343^26-26-36	4499^29-29-39	4551^30-30-39	4605^31-31-40
30	92.8	4406^27-27-37	4565^30-30-40	4619^30-30-40	4674^31-31-41
28	92.6	4461^27-27-38	4621^30-30-40	4676^31-31-41	4731^32-32-42
26	92.4	4495^28-28-39	4657^31-31-41	4712^32-32-42	4767^33-33-42
24	92.2	4505^28-28-39	4666^31-31-41	4722^32-32-42	4777^33-33-43
22	91.9	4513^28-28-39	4675^31-31-41	4730^32-32-42	4786^33-33-43
20	91.6	4522^28-28-39	4684^31-31-41	4739^32-32-42	4794^33-33-43
10	90.0	4564^29-29-40	4724^32-32-42	4779^33-33-43	4833^34-34-43
0	88.4	4593^30-30-40	4753^32-32-42	4806^33-33-43	4862^34-34-44
-10	86.8	4630^30-30-41	4789^33-33-43	4844^34-34-44	4900^35-35-44
-20	85.1	4662^31-31-41	4821^34-34-43	4876^34-34-44	4932^35-35-45

High QNH **+90** per .10" Engine A/I ON **-1350**
Low QNH **-160** per .10" Wing A/I ON **-1350**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 3688 Length 9039 Shift **0** Clearway 0 Stopway 0 Slope +0.08
Rwy Rev. Program Rules FAA **10 Feb 20**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
42	4011^21	4149^24	4196^25	4003^21	4140^24	4188^24			
40	4082^22	4223^25	4271^26	4074^22	4214^25	4263^26			
38	4149^23	4293^26	4343^27	4140^23	4285^26	4334^27			
36	4215^24	4364^27	4414^28	4206^24	4356^27	4406^28			
34	4280^25	4432^28	4484^29	4271^25	4424^28	4475^29			
32	4343^26	4499^29	4551^30	4335^26	4490^28	4543^29			
30	4406^27	4565^30	4619^30	4397^27	4555^29	4610^30			
28	4461^27	4621^30	4676^31	4435^27	4594^30	4649^31			
26	4495^28	4657^31	4712^32	4474^28	4634^30	4690^31			
24	4505^28	4666^31	4722^32	4497^28	4658^31	4713^32			
22	4513^28	4675^31	4730^32	4504^28	4666^31	4722^32			
20	4522^28	4684^31	4739^32	4513^28	4675^31	4731^32			
10	4564^29	4724^32	4779^33	4436^27	4588^30	4639^31			
0	4593^30	4753^32	4806^33	4533^29	4688^32	4742^33			
	High QNH +90 per .10" Low QNH -160 per .10"			High QNH +90 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -1350 Wing A/I ON -1350			Engine A/I ON -20 Wing A/I ON -20			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
42	4005^15	4149D24	4196D26	3997^15	4140D24	4188D25			
40	4071^15	4223D25	4271D27	4063^15	4214D25	4263D26			
38	4133^16	4293D25	4343D28	4125^16	4285D25	4334D27			
36	4196^16	4364D26	4414D29	4188^16	4356D26	4406D29			
34	4256^17	4432D26	4484D29	4248^16	4424D26	4475D29			
32	4315^17	4499D27	4551D30	4307^17	4490D27	4543D30			
30	4375^18	4565D27	4619D30	4367^17	4555D27	4610D30			
28	4427^18	4621D28	4676D31	4404^18	4594D28	4649D31			
26	4461^18	4657D28	4712D31	4441^18	4634D28	4690D31			
24	4472^19	4666D29	4722D32	4464^19	4658D28	4713D32			
22	4483^19	4675D29	4730D32	4475^19	4666D29	4722D32			
20	4493^20	4684D29	4739D33	4486^19	4675D29	4731D32			
10	4547^22	4724D31	4779D34	4436^22	4588D31	4639D32			
0	4591^24	4753D33	4806D34	4533D24	4688D33	4742D33			
	High QNH +90 per .10" Low QNH -160 per .10"			High QNH +90 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -1350 Wing A/I ON -1350			Engine A/I ON -20 Wing A/I ON -20			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3534F98	4209^ 5	4274^ 9	3659F 0	3938^ 9	4046F11			
26	3574F98	4242^ 6	4308^ 9	3701F 1	3981^ 9	4088F12			
24	3668F98	4253^ 6	4320^ 9	3713F 1	3994^ 9	4104F12			
22	3774F98	4263^ 7	4331^10	3725F 1	4009^10	4125F12			
20	3887F98	4273^ 7	4343^10	3738F 1	4022^10	4143F12			
18	3981F98	4284^ 7	4355^10	3750F 2	4037^10	4163F13			
16	4076F98	4297^ 8	4366^11	3763F 2	4051^10	4182F13			
14	4119F98	4308^ 8	4378^11	3777F 2	4066^11	4200F13			
12	4131F99	4318^ 8	4390^12	3790F 3	4079^11	4220F13			
10	4140^99	4329^ 9	4401^12	3804F 3	4094^11	4240F14			
0	4181^ 1	4379^11	4454^14	3869^ 5	4183F13	4291^15			
-10	4232^ 3	4439^13	4516^16	3926^ 6	4252^14	4292^15			
-20	4281^ 5	4496^15	4576^19	3985^ 8	4245^14	4287^14			
-30	4330^ 7	4553^18	4636^21	4045^10	4234^14	4276^14			
	High QNH +90 per .10" Low QNH -120 per .10"			High QNH +80 per .10" Low QNH -140 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -1040 Wing A/I ON -1040			Engine A/I ON -480 Wing A/I ON -480			Engine A/I ON Wing A/I ON		

Elevation 3688 Length 9039 Shift **0** Clearway 0 Stopway 0 Slope +0.08

Rwy Rev. Program Rules FAA **10 Feb 20**

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TUXTLA GUTIERREZ (TGZ / MMTG) COMPLEX SPECIAL PROCEDURES

Takeoff - Runway 14

AIRCRAFT	MINIMUMS	MAX CROSSWIND	OTHER
ALL			**TGZ VOR REQUIRED**

Engine Failure During Takeoff:

BELOW 3100'

1) Climb via TGZ R-145.
2) Reaching 2800', accelerate, retract flaps, set MCT/MCP and continue climb.
3) At D26.0 TGZ, LEFT turn TGZ.
4) At TGZ VOR, hold on inbound track, STANDARD.
5) Reaching 11000', resume own navigation.

AT OR ABOVE 3100'

Continue on SID.

Other Considerations:

Takeoff - Runway 32

AIRCRAFT	MINIMUMS	MAX CROSSWIND	OTHER
ALL			**TGZ VOR REQUIRED**

Engine Failure During Takeoff:

BELOW 1900'

1) Climb at V2 via TGZ R-325.
2) At D3.0 TGZ LEFT turn H120 to intercept and track TGZ R-145.
3) Reaching 2500', accelerate, retract flaps, set MCT/MCP and continue climb.
4) At D26.0 TGZ, LEFT turn TGZ
5) At TGZ VOR, hold on inbound track, STANDARD.
6) Reaching 11000', resume own navigation.

AT OR ABOVE 1900' AND BELOW 5900'

1) Immediate RIGHT turn TGZ.
2) At TGZ VOR, hold on inbound track, LEFT TURNS.
3) Reaching 11000', resume own navigation.

AT OR ABOVE 5900'

Continue on SID.

Other Considerations:

TUXTLA GUTIERREZ (TGZ / MMTG) COMPLEX SPECIAL PROCEDURES

INTENTIONALLY BLANK

TUXTLA GUTIERREZ -TGZ 14 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD

SEE COMPLEX SPECIAL

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	87.7	4120^22	4288^26	4340^27	4076^11	4288D21	4340D24	4572
44	88.0	4190^23	4364^27	4417^28	4143^11	4364D21	4417D24	4673
42	88.2	4260^24	4438^28	4494^29	4207^12	4438D22	4494D25	4774
40	88.3	4317^25	4498^28	4555^29	4261^12	4497^22	4555D25	4862
38	88.1	4354^26	4538^29	4595^30	4298^13	4535^23	4595D26	4942
36	87.9	4377^26	4562^29	4620^30	4320^13	4559^23	4620D26	4954
34	87.7	4387^26	4571^30	4630^31	4331^13	4571^23	4630D27	4955
32	87.5	4396^26	4580^30	4639^31	4342^14	4580D24	4639D27	4957
30	87.2	4405^27	4589^30	4647^31	4353^14	4589D24	4647D27	4958
28	87.0	4415^27	4599^30	4657^31	4365^14	4599D24	4657D28	4960
26	86.7	4425^27	4608^30	4666^31	4375^15	4608D25	4666D28	4961
24	86.4	4434^27	4618^30	4675^31	4387^15	4618D25	4675D28	4963
20	85.8	4453^27	4637^31	4694^32	4410^16	4637D26	4694D29	4966
10	84.3	4498^28	4679^31	4735^32	4463^18	4679D28	4735D31	4968
0	82.8	4546^29	4726^32	4779^33	4521^20	4726D30	4779D33	4967
-10	81.3	4594^30	4769^33	4822^34	4580^22	4769D32	4822D35	4972

High QNH **+40** per .10" Engine A/I ON **-550**
Low QNH **-150** per .10" Wing A/I ON **-550**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	90.9	4186^24	4344^27	4392^28	4131^12	4344D22	4392D25	4573
44	91.1	4260^25	4424^28	4474^29	4200^13	4424D23	4474D26	4675
42	91.2	4333^26	4502^29	4555^30	4266^13	4500^23	4555D26	4776
40	91.3	4406^27	4580^30	4634^31	4333^14	4573^24	4634D27	4875
38	91.3	4473^28	4651^31	4706^32	4395^14	4639^24	4706D28	4968
36	91.3	4531^28	4714^32	4771^33	4450^15	4698^25	4771D28	5061
34	91.2	4583^29	4772^32	4831^33	4501^15	4753^25	4831D28	5071
32	90.9	4622^29	4814^33	4875^34	4540^15	4795^25	4875D28	5071
30	90.6	4642^30	4836^33	4897^34	4562^15	4817^25	4897D29	5071
28	90.3	4652^30	4845^33	4907^34	4573^16	4829^26	4907D29	5071
26	90.0	4662^30	4856^33	4917^34	4585^16	4841^26	4917D29	5071
24	89.6	4673^30	4866^34	4927^35	4597^16	4854^27	4927D30	5071
20	89.0	4693^31	4886^34	4946^35	4622^17	4878^27	4946D31	5071
10	87.5	4740^31	4931^35	4991^36	4678^19	4931D29	4991D33	5071
0	85.9	4790^32	4979^35	5037^36	4740^21	4979D31	5037D35	5071
-10	84.3	4842^33	5029^36	5071A37	4804^23	5029D34	5071A37	5071

High QNH **+90** per .10" Engine A/I ON **-590**
Low QNH **-160** per .10" Wing A/I ON **-590**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
46	90.9	4186^24-24-34	4344^27-27-36	4392^28-28-37	4436^28-28-38
44	91.1	4260^25-25-35	4424^28-28-37	4474^29-29-38	4520^29-29-39
42	91.2	4333^26-26-36	4502^29-29-39	4555^30-30-39	4602^31-31-40
40	91.3	4406^27-27-37	4580^30-30-40	4634^31-31-41	4684^32-32-41
38	91.3	4473^28-28-38	4651^31-31-41	4706^32-32-42	4759^33-33-42
36	91.3	4531^28-28-39	4714^32-32-42	4771^33-33-42	4826^33-33-43
34	91.2	4583^29-29-40	4772^32-32-43	4831^33-33-43	4888^34-34-44
32	90.9	4622^29-29-40	4814^33-33-43	4875^34-34-44	4933^35-35-45
30	90.6	4642^30-30-41	4836^33-33-43	4897^34-34-44	4956^35-35-45
28	90.3	4652^30-30-41	4845^33-33-44	4907^34-34-44	4965^35-35-45
26	90.0	4662^30-30-41	4856^33-33-44	4917^34-34-45	4975^35-35-45
24	89.6	4673^30-30-41	4866^34-34-44	4927^35-35-45	4985^36-36-46
20	89.0	4693^31-31-41	4886^34-34-44	4946^35-35-45	5004^36-36-46
10	87.5	4740^31-31-42	4931^35-35-45	4991^36-36-46	5046^37-37-46
0	85.9	4790^32-32-43	4979^35-35-46	5037^36-36-46	5071A37-37-47
-10	84.3	4842^33-33-44	5029^36-36-46	5071A37-37-47	5071A37-37-47

High QNH **+90** per .10" Engine A/I ON **-590**
Low QNH **-160** per .10" Wing A/I ON **-590**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 1491 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope -0.20
Rwy Rev. Program Rules FAA **31 Aug 16**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T / +0 / +10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T / +0 / +10H	 Flaps -10T / +0 / +10H
46	4186^24 4344^27 4392^28	4176^24 4336^27 4383^27	
44	4260^25 4424^28 4474^29	4250^25 4415^28 4465^29	
42	4333^26 4502^29 4555^30	4323^26 4492^29 4545^30	
40	4406^27 4580^30 4634^31	4396^27 4570^30 4624^31	
38	4473^28 4651^31 4706^32	4457^27 4637^31 4692^32	
36	4531^28 4714^32 4771^33	4518^28 4702^31 4760^32	
34	4583^29 4772^32 4831^33	4565^29 4753^32 4812^33	
32	4622^29 4814^33 4875^34	4599^29 4790^32 4850^34	
30	4642^30 4836^33 4897^34	4632^30 4826^33 4888^34	
28	4652^30 4845^33 4907^34	4642^30 4836^33 4897^34	
26	4662^30 4856^33 4917^34	4653^30 4846^33 4907^34	
24	4673^30 4866^34 4927^35	4662^30 4856^33 4917^34	
20	4693^31 4886^34 4946^35	4683^30 4877^34 4937^35	
10	4740^31 4931^35 4991^36	4686^31 4873^34 4930^35	
	High QNH +90 per .10" Low QNH -160 per .10"	High QNH +90 per .10" Low QNH -160 per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON -590 Wing A/I ON -590	Engine A/I ON -10 Wing A/I ON -10	Engine A/I ON Wing A/I ON

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T / +0 / +10H	WET - EAI VLV INOP OPEN Flaps 9 -10T / +0 / +10H	 Flaps -10T / +0 / +10H
46	4131^12 4344D22 4392D25	4123^12 4336D22 4383D25	
44	4200^13 4424D23 4474D26	4191^13 4415D23 4465D26	
42	4266^13 4500^23 4555D26	4258^13 4491^23 4545D26	
40	4333^14 4573^24 4634D27	4325^14 4564^24 4624D27	
38	4395^14 4639^24 4706D28	4382^14 4625^24 4692D27	
36	4450^15 4698^25 4771D28	4440^14 4688^24 4760D28	
34	4501^15 4753^25 4831D28	4486^15 4737^25 4812D28	
32	4540^15 4795^25 4875D28	4520^15 4773^25 4850D28	
30	4562^15 4817^25 4897D29	4554^15 4809^25 4888D29	
28	4573^16 4829^26 4907D29	4566^16 4821^26 4897D29	
26	4585^16 4841^26 4917D29	4578^16 4833^26 4907D29	
24	4597^16 4854^27 4927D30	4589^16 4845^26 4917D30	
20	4622^17 4878^27 4946D31	4613^17 4870^27 4937D30	
10	4678^19 4931D29 4991D33	4629^19 4873D29 4930D33	
	High QNH +90 per .10" Low QNH -160 per .10"	High QNH +90 per .10" Low QNH -160 per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON -590 Wing A/I ON -590	Engine A/I ON -10 Wing A/I ON -10	Engine A/I ON Wing A/I ON

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T / +0 / +10H	LEVEL 2 CONTAM Flaps 22 -10T / +0 / +10H	LEVEL 3 CONTAM Flaps -10T / +0 / +10H
28	4309^ 3 4392^ 6	3597F98 3973F 7 4124^ 9	
26	4321^ 3 4403^ 6	3608F98 3995F 7 4140^ 9	
24	4333^ 3 4416^ 7	3618F99 4020F 7 4156^10	
22	4345^ 4 4427^ 7	3631F99 4039^ 7 4172^10	
20	4357^ 4 4439^ 7	3643F99 4056F 8 4188^10	
18	4369^ 5 4451^ 8	3655F 0 4071^ 8 4204^11	
16	4380^ 5 4463^ 8	3668F 0 4087^ 8 4220^11	
14	4390^ 5 4473^ 9	3680F 0 4102^ 9 4235^11	
12	4399^ 6 4483^ 9	3691F 1 4116^ 9 4248^12	
10	4409^ 6 4494^ 9	3702F 1 4129^ 9 4263^12	
0	3374F 1 4470^ 8 4557^12	3776F 2 4213^11 4346^14	
-10	3531F 3 4533^10 4623^14	3854F 4 4296^12 4430^15	
-20	4246F 2 4593^12 4685^16	3941F 6 4374^14 4478^17	
-30	4395F 4 4659^15 4753^18	4047F 7 4422^16 4470^16	
	High QNH +90 per .10" Low QNH -100 per .10"	High QNH +80 per .10" Low QNH -140 per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON -530 Wing A/I ON -530	Engine A/I ON -580 Wing A/I ON -580	Engine A/I ON Wing A/I ON

Elevation	1491	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.20
Rwy Rev.		Program						Rules	FAA		**31 Aug 16**

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TAR Mexico **EMB-145** **AE3007A1P**

TUXTLA GUTIERREZ -TGZ 32 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
SEE COMPLEX SPECIAL						

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	87.7	4153F23	4392F28	4475F29	4087F11	4367F20	4465F23	4572
44	88.0	4220F24	4462F28	4546F30	4148F12	4434F21	4531F24	4673
42	88.2	4286F25	4532F29	4617F31	4209F12	4500F21	4598F24	4774
40	88.3	4340F26	4589F30	4675F32	4262F12	4553F22	4654F25	4862
38	88.1	4376F26	4628F31	4714F32	4297F13	4591F22	4692F25	4942
36	87.9	4400F26	4653F31	4740F32	4321F13	4616F23	4718F26	4954
34	87.7	4411F27	4665F31	4752F33	4333F14	4630F23	4732F26	4955
32	87.5	4422F27	4677F31	4764F33	4345F14	4643F23	4746F26	4957
30	87.2	4434F27	4689F32	4777F33	4358F14	4657F24	4760F27	4958
28	87.0	4445F27	4701F32	4789F33	4370F15	4670F24	4774F27	4960
26	86.7	4457F27	4713F32	4802F34	4383F15	4684F24	4789F27	4961
24	86.4	4468F28	4725F32	4815F34	4395F15	4698F25	4803F28	4963
20	85.8	4491F28	4750F33	4841F34	4421F16	4726F25	4833F28	4966
10	84.3	4549F29	4812F34	4903F35	4484F18	4797F27	4903D30	4968
0	82.8	4608F30	4871^35	4912^35	4553F20	4870^29	4912D33	4967
-10	81.3	4667F31	4870^35	4913^35	4621F22	4870D32	4913D35	4972

High QNH **+10** per .10" Engine A/I ON **-810**
Low QNH **-150** per .10" Wing A/I ON **-810**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	90.9	4248F25	4484^29	4519^30	4153F12	4445F22	4517^25	4573
44	91.1	4319F26	4561F30	4619^31	4219F13	4512F22	4616F25	4675
42	91.2	4388F27	4634F31	4720^33	4282F13	4581F23	4685F26	4776
40	91.3	4457F28	4708F32	4795F34	4346F14	4649F23	4754F26	4875
38	91.3	4519F28	4775F33	4864F34	4405F14	4712F24	4818F27	4968
36	91.3	4570F29	4829F34	4917F35	4456F15	4765F24	4872F27	5061
34	91.2	4615F30	4877F34	4966F36	4503F15	4814F25	4920F28	5071
32	90.9	4648F30	4913F34	5002F36	4539F15	4851F25	4956F28	5071
30	90.6	4669F30	4933F35	5025F36	4561F16	4874F25	4980F28	5071
28	90.3	4681F30	4946F35	5038F36	4574F16	4888F26	4995F29	5071
26	90.0	4693F31	4959F35	5051F37	4587F16	4903F26	5010F29	5071
24	89.6	4705F31	4972F35	5064F37	4600F17	4917F26	5025F29	5071
20	89.0	4729F31	4998F36	5071A37	4625F17	4947F27	5056F30	5071
10	87.5	4788F32	5062F37	5071A37	4691F19	5019F29	5071A32	5071
0	85.9	4852F33	5071A37	5071A37	4764F21	5071A31	5071A35	5071
-10	84.3	4916F34	5071A37	5071A37	4839F23	5071A33	5071A37	5071

High QNH **+0** per .10" Engine A/I ON **-480**
Low QNH **-160** per .10" Wing A/I ON **-480**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
46	90.9	4248F25-25-35	4484^29-29-38	4519^30-30-39	4553^30-30-39
44	91.1	4319F26-26-36	4561F30-30-39	4619^31-31-40	4655^32-32-41
42	91.2	4388F27-27-37	4634F31-31-41	4720^33-33-42	4756^33-33-42
40	91.3	4457F28-28-38	4708F32-32-42	4795F34-34-43	4852^35-35-44
38	91.3	4519F28-28-39	4775F33-33-43	4864F34-34-44	4945^36-36-45
36	91.3	4570F29-29-40	4829F34-34-43	4917F35-35-45	5010F37-37-46
34	91.2	4615F30-30-40	4877F34-34-44	4966F36-36-45	5059F37-37-47
32	90.9	4648F30-30-41	4913F34-34-45	5002F36-36-46	5071A37-37-47
30	90.6	4669F30-30-41	4933F35-35-45	5025F36-36-46	5071A37-37-47
28	90.3	4681F30-30-41	4946F35-35-45	5038F36-36-46	5071A37-37-47
26	90.0	4693F31-31-41	4959F35-35-45	5051F37-37-47	5071A37-37-47
24	89.6	4705F31-31-42	4972F35-35-45	5064F37-37-47	5071A37-37-47
20	89.0	4729F31-31-42	4998F36-36-46	5071A37-37-47	5071A37-37-47
10	87.5	4788F32-32-43	5062F37-37-47	5071A37-37-47	5071A37-37-47
0	85.9	4852F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
-10	84.3	4916F34-34-45	5071A37-37-47	5071A37-37-47	5071A37-37-47

High QNH **+0** per .10" Engine A/I ON **-480**
Low QNH **-160** per .10" Wing A/I ON **-480**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 1491 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.20
Rwy Rev. Program Rules FAA **31 Aug 16**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
46	4248F25	4484^29	4519^30
44	4319F26	4561F30	4619^31
42	4388F27	4634F31	4720^33
40	4457F28	4708F32	4795F34
38	4519F28	4775F33	4864F34
36	4570F29	4829F34	4917F35
34	4615F30	4877F34	4966F36
32	4648F30	4913F34	5002F36
30	4669F30	4933F35	5025F36
28	4681F30	4946F35	5038F36
26	4693F31	4959F35	5051F37
24	4705F31	4972F35	5064F37
20	4729F31	4998F36	5071A37
10	4788F32	5062F37	5071A37

High QNH **+30** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-480**
Wing A/I ON **-480**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
46	4236F25	4473F29	4511^30
44	4307F26	4548F30	4612^31
42	4376F27	4621F31	4708F32
40	4445F27	4695F32	4782F33
38	4501F28	4754F33	4842F34
36	4555F29	4814F33	4901F35
34	4598F29	4859F34	4948F35
32	4627F30	4891F34	4980F36
30	4657F30	4922F35	5012F36
28	4669F30	4933F35	5025F36
26	4681F30	4947F35	5038F36
24	4693F31	4960F35	5052F37
20	4717F31	4986F36	5071A37
10	4743F32	5014F36	5071A37

High QNH **+80** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
46	4153F12	4445F22	4517^25
44	4219F13	4512F22	4616F25
42	4282F13	4581F23	4685F26
40	4346F14	4649F23	4754F26
38	4405F14	4712F24	4818F27
36	4456F15	4765F24	4872F27
34	4503F15	4814F25	4920F28
32	4539F15	4851F25	4956F28
30	4561F16	4874F25	4980F28
28	4574F16	4888F26	4995F29
26	4587F16	4903F26	5010F29
24	4600F17	4917F26	5025F29
20	4625F17	4947F27	5056F30
10	4691F19	5019F29	5071A32

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-450**
Wing A/I ON **-450**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
46	4144F12	4435F22	4511^25
44	4209F13	4502F22	4605F25
42	4273F13	4570F23	4674F26
40	4337F14	4638F23	4743F26
38	4391F14	4696F24	4801F27
36	4445F15	4753F24	4859F27
34	4488F15	4798F25	4904F28
32	4520F15	4831F25	4937F28
30	4552F16	4864F25	4969F28
28	4565F16	4878F25	4984F28
26	4578F16	4893F26	5000F29
24	4592F17	4907F26	5015F29
20	4619F17	4937F27	5046F30
10	4648F19	4974F29	5071A32

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		4278F 4	4366F 7
26		4289F 4	4378F 8
24		4302F 5	4389F 8
22		4314F 5	4402F 8
20		4326F 5	4415F 9
18		4337F 6	4428F 9
16	2756F 2	4350F 6	4441F 9
14	2918F 2	4361F 7	4452F10
12	3058F 1	4371F 7	4463F10
10	3184F 1	4381F 7	4474F11
0	3825F 1	4445F 9	4543F13
-10	3939F 2	4513F11	4613F15
-20	4294F 3	4580F14	4683F17
-30	4353F 5	4649F16	4758F19

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-500**
Wing A/I ON **-500**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3565F99	3919F 8	4090F10
26	3576F99	3939F 8	4106F10
24	3587F 0	3961F 8	4120F10
22	3599F 0	3984F 8	4136F11
20	3611F 0	4007F 8	4152F11
18	3623F 1	4035F 9	4169F11
16	3635F 1	4050F 9	4186F12
14	3647F 1	4067F 9	4201F12
12	3657F 2	4081F10	4214F12
10	3667F 2	4092F10	4229F13
0	3734F 3	4176F11	
-10	3809F 5	4261F13	4418F16
-20	3887F 7	4350F15	4476^17
-30	3988F 8	4419^16	4467^16

High QNH **+80** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-560**
Wing A/I ON **-560**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 1491 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.20
Rwy Rev. Program Rules FAA **31 Aug 16**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1090'		**DT H007**	**1090'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	87.6	4257^25	4422^28	4480^29
46	87.7	4342^26	4511^29	4569^30
44	87.6	4392^26	4563^29	4623^31
42	87.4	4412^27	4584^30	4644^31
40	87.2	4429^27	4602^30	4662^31
38	86.9	4437^27	4610^30	4670^31
36	86.6	4445^27	4618^30	4679^31
34	86.4	4453^27	4627^30	4688^32
32	86.1	4461^28	4636^31	4697^32
30	85.8	4470^28	4644^31	4706^32
20	84.4	4514^28	4689^32	4751^33
10	82.9	4552^29	4730^32	4790^33
0	81.4	4598^30	4776^33	4837^34
-10	79.9	4639^31	4817^34	4879^35
-20	78.4	4677^31	4855^34	4917^35
-30	76.8	4715^32	4881^35	4925^36

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	4209^12	4422D22	4480D25	4711
46	87.7	4289^12	4507^22	4569D25	4830
44	87.6	4338F13	4559^23	4623D26	4893
42	87.4	4358F13	4580^23	4644D26	4946
40	87.2	4374^13	4598^23	4662D27	4959
38	86.9	4383^14	4609^24	4670D27	4961
36	86.6	4393^14	4618D24	4679D27	4962
34	86.4	4403^14	4627D24	4688D28	4964
32	86.1	4413^15	4636D25	4697D28	4966
30	85.8	4423^15	4644D25	4706D28	4968
20	84.4	4474^17	4689D27	4751D30	4976
10	82.9	4523^19	4730D29	4790D32	4972
0	81.4	4579^21	4776D31	4837D34	4984
-10	79.9	4630^23	4817D33	4879D36	4987
-20	78.4	4677D25	4855D35	4917D36	4985
-30	76.8	4715D27	4881D35	4925D36	4983

High QNH **+0** per .10" Engine A/I ON **-720**
Low QNH **-160** per .10" Wing A/I ON **-720**

A/C **AUTO**

TO - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.8	4315^26	4478^29	4533^30
46	90.9	4402^27	4569^30	4628^31
44	90.8	4484^28	4654^31	4713^32
42	90.6	4558^29	4732^32	4793^33
40	90.3	4617^30	4794^33	4856^34
38	90.0	4672^30	4851^33	4914^34
36	89.7	4722^31	4905^34	4969^35
34	89.5	4754^31	4938^34	5003^35
32	89.2	4766^31	4950^35	5016^36
30	88.9	4775^32	4961^35	5026^36
20	87.4	4823^32	5010^36	5071A36
10	85.9	4865^33	5054^36	5071A37
0	84.3	4916^34	5071A36	5071A36
-10	82.8	4963^35	5071A36	5071A36
-20	81.2	5006^35	5071A36	5071A36
-30	79.6	5049^36	5071A36	5071A36

TO - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	4258^13	4478D23	4533D27	4713
46	90.9	4338^14	4565^24	4628D27	4831
44	90.8	4413^14	4644^24	4713D28	4937
42	90.6	4482^15	4717^25	4793D28	5041
40	90.3	4538^15	4775^25	4856D28	5071
38	90.0	4588F15	4829^25	4912^28	5071
36	89.7	4631F15	4881^25	4965^29	5071
34	89.5	4660F15	4914^26	4998^29	5071
32	89.2	4675F16	4928^26	5013^29	5071
30	88.9	4686F16	4940^26	5024^30	5071
20	87.4	4754F18	5000^28	5071A32	5071
10	85.9	4807^20	5054D30	5071A34	5071
0	84.3	4867^22	5071A33	5071A36	5071
-10	82.8	4926^24	5071A35	5071A36	5071
-20	81.2	4982^26	5071A36	5071A36	5071
-30	79.6	5039^28	5071A36	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **-550**
Low QNH **-170** per .10" Wing A/I ON **-550**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4315^26-26-36	4478^29-29-38	4533^30-30-39	4590^31-31-40
46	90.9	4402^27-27-37	4569^30-30-40	4628^31-31-40	4685^32-32-41
44	90.8	4484^28-28-38	4654^31-31-41	4713^32-32-42	4773^33-33-42
42	90.6	4558^29-29-39	4732^32-32-42	4793^33-33-43	4854^34-34-44
40	90.3	4617^30-30-40	4794^33-33-43	4856^34-34-44	4920^35-35-45
38	90.0	4672^30-30-41	4851^33-33-44	4914^34-34-45	4979^35-35-45
36	89.7	4722^31-31-42	4905^34-34-44	4969^35-35-45	5035^36-36-46
34	89.5	4754^31-31-42	4938^34-34-45	5003^35-35-46	5071A37-37-47
32	89.2	4766^31-31-42	4950^35-35-45	5016^36-36-46	5071A37-37-47
30	88.9	4775^32-32-43	4961^35-35-45	5026^36-36-46	5071A37-37-47
20	87.4	4823^32-32-43	5010^36-36-46	5071A36-36-47	5071A36-36-47
10	85.9	4865^33-33-44	5054^36-36-47	5071A37-37-47	5071A37-37-47
0	84.3	4916^34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	4963^35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	5006^35-35-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	5049^36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **-550**
Low QNH **-170** per .10" Wing A/I ON **-550**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	90	Length	7874	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.27
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4315^26	4478^29	4533^30	4306^25	4469^28	4525^29			
46	4402^27	4569^30	4628^31	4393^27	4560^30	4618^31			
44	4484^28	4654^31	4713^32	4471^28	4641^31	4700^32			
42	4558^29	4732^32	4793^33	4540^29	4712^32	4774^33			
40	4617^30	4794^33	4856^34	4607^29	4784^33	4846^34			
38	4672^30	4851^33	4914^34	4661^30	4840^33	4903^34			
36	4722^31	4905^34	4969^35	4712^31	4895^34	4959^35			
34	4754^31	4938^34	5003^35	4743^31	4927^34	4992^35			
32	4766^31	4950^35	5016^36	4755^31	4939^34	5004^35			
30	4775^32	4961^35	5026^36	4766^31	4951^35	5016^36			
20	4823^32	5010^36	5071A36	4813^32	5001^35	5067^36			
10	4865^33	5054^36	5071A37	4823^33	5010^36	5071A37			
0	4916^34	5071A36	5071A36	4861^33	5049^36	5071A37			
-10	4963^35	5071A36	5071A36	4904^34	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -550 Wing A/I ON -550			Engine A/I ON -110 Wing A/I ON -110			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4258^13	4478D23	4533D27	4251^13	4469D23	4525D26			
46	4338^14	4565^24	4628D27	4330^13	4556^24	4618D27			
44	4413^14	4644^24	4713D28	4402^14	4632^24	4700D27			
42	4482^15	4717^25	4793D28	4466^14	4699^24	4774D28			
40	4538^15	4775^25	4856D28	4531^15	4766^25	4846D28			
38	4588F15	4829^25	4912^28	4578F15	4819^25	4902^28			
36	4631F15	4881^25	4965^29	4622F15	4872^25	4955^28			
34	4660F15	4914^26	4998^29	4651F15	4904^25	4988^29			
32	4675F16	4928^26	5013^29	4665F16	4918^26	5001^29			
30	4686F16	4940^26	5024^30	4677F16	4931^26	5016^29			
20	4754F18	5000^28	5071A32	4746F18	4991^28	5067D31			
10	4807^20	5054D30	5071A34	4768^20	5010D30	5071A34			
0	4867^22	5071A33	5071A36	4818^22	5049D32	5071A36			
-10	4926^24	5071A35	5071A36	4873^24	5071A35	5071A37			
	High QNH +0 per .10" Low QNH -160 per .10"			High QNH +0 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -550 Wing A/I ON -550			Engine A/I ON -110 Wing A/I ON -110			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4401F 3	4501F 7	3653F98	4090F 7	4248F 9			
26		4415F 4	4514F 7	3664F99	4115F 7	4265F10			
24		4429F 4	4526F 7	3677F99	4143F 7	4281F10			
22		4441F 4	4539F 8	3688F99	4158F 7	4297F10			
20		4455F 5	4552F 8	3701F99	4174F 8	4312F10			
18		4466F 5	4563F 8	3714F 0	4189F 8	4327F11			
16		4479F 5	4575F 9	3725F 0	4202F 8	4342F11			
14		4492F 6	4588F 9	3737F 0	4218F 9	4358F11			
12		4504F 6	4600F10	3753F 1	4235F 9	4375F12			
10		4516F 7	4613F10	3767F 1	4252F 9	4392F12			
0	2999F 3	4583F 9	4685F12	3846F 3	4339F11	4477F14			
-10	3317F 4	4651F11	4755F14	3931F 4	4421F13	4552^16			
-20	4372F 3	4721F13	4829F16	4038F 6	4495^14	4595^18			
-30	4493F 5	4793F15	4902^19	4172F 7	4528^17	4595^18			
	High QNH +90 per .10" Low QNH -100 per .10"			High QNH +100 per .10" Low QNH -140 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -460 Wing A/I ON -460			Engine A/I ON -510 Wing A/I ON -510			Engine A/I ON Wing A/I ON		

Elevation	90	Length	7874	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.27
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1090'		**LT H090**	**1090'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4233F24	4478F29	4563F30
46	87.7	4308F25	4558F30	4644F31
44	87.6	4355F26	4608F30	4695F32
42	87.4	4374F26	4628F31	4716F32
40	87.2	4391F26	4647F31	4735F32
38	86.9	4401F26	4658F31	4747F33
36	86.6	4412F27	4669F31	4758F33
34	86.4	4423F27	4681F31	4770F33
32	86.1	4434F27	4693F32	4783F33
30	85.8	4445F27	4705F32	4795F33
20	84.4	4503F28	4766F33	4859F34
10	82.9	4559F29	4828F34	4922F35
0	81.4	4620F30	4894F35	4935^36
-10	79.9	4677F31	4892^35	4933^36
-20	78.4	4737F32	4885^35	4927^36
-30	76.8	4745^32	4875^35	4919^35

WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4168F12	4459F22	4558F25	4711
4239F13	4533F22	4635F25	4830
4284F13	4581F23	4684F26	4893
4304F13	4602F23	4706F26	4946
4322F14	4622F23	4726F26	4959
4333F14	4635F24	4739F27	4961
4345F14	4647F24	4752F27	4962
4357F15	4661F24	4766F27	4964
4370F15	4674F25	4780F28	4966
4382F16	4688F25	4794F28	4968
4446F17	4758F27	4859D30	4976
4510F19	4828D29	4922D32	4972
4578F21	4894D31	4935D34	4984
4646F23	4892D33	4933D36	4987
4717F25	4885D35	4927D36	4985
4745D27	4875D35	4919D36	4983

High QNH **+0** per .10" — Low QNH **-160** per .10"

Engine A/I ON **-840** — Wing A/I ON **-840**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4330F26	4575F30	4663F32
46	90.9	4408F27	4659F31	4747F33
44	90.8	4481F28	4737F32	4826F34
42	90.6	4548F29	4810F33	4898F35
40	90.3	4591F29	4856F34	4946F35
38	90.0	4632F30	4899F34	4990F36
36	89.7	4669F30	4940F35	5031F36
34	89.5	4695F30	4968F35	5059F36
32	89.2	4708F30	4979F35	5071A37
30	88.9	4720F31	4992F35	5071A37
20	87.4	4780F32	5058F36	5071A36
10	85.9	4840F33	5071A37	5071A37
0	84.3	4906F34	5071A36	5071A36
-10	82.8	4971F35	5071A36	5071A36
-20	81.2	5033F36	5071A36	5071A36
-30	79.6	5071A36	5071A36	5071A36

WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4238F14	4538F23	4643F26	4713
4311F14	4615F24	4722F27	4831
4379F15	4688F24	4795F27	4937
4442F15	4756F25	4865F28	5041
4488F15	4803F25	4912F28	5071
4532F16	4848F25	4954F28	5071
4574F16	4890F25	4998F28	5071
4603F16	4919F26	5028F29	5071
4617F16	4935F26	5044F29	5071
4630F17	4950F26	5059F29	5071
4695F18	5022F28	5071A32	5071
4762F20	5071A30	5071A34	5071
4836F22	5071A33	5071A36	5071
4910F24	5071A35	5071A36	5071
4985F26	5071A36	5071A36	5071
5061F28	5071A36	5071A36	5071

High QNH **+0** per .10" — Low QNH **-170** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4330F26-26-36	4575F30-30-40	4663F32-32-41	4699^32-32-41
46	90.9	4408F27-27-37	4659F31-31-41	4747F33-33-42	4814^34-34-43
44	90.8	4481F28-28-38	4737F32-32-42	4826F34-34-43	4917F35-35-45
42	90.6	4548F29-29-39	4810F33-33-43	4898F35-35-44	4993F36-36-46
40	90.3	4591F29-29-40	4856F34-34-44	4946F35-35-45	5040F37-37-46
38	90.0	4632F30-30-40	4899F34-34-44	4990F36-36-46	5071A37-37-47
36	89.7	4669F30-30-41	4940F35-35-45	5031F36-36-46	5071A37-37-47
34	89.5	4695F30-30-41	4968F35-35-45	5059F36-36-47	5071A37-37-47
32	89.2	4708F30-30-42	4979F35-35-45	5071A37-37-47	5071A37-37-47
30	88.9	4720F31-31-42	4992F35-35-46	5071A37-37-47	5071A37-37-47
20	87.4	4780F32-32-43	5058F36-36-47	5071A36-36-47	5071A36-36-47
10	85.9	4840F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
0	84.3	4906F34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.8	4971F35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	5033F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Low QNH **-170** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 90 Length 7874 Shift **0** Clearway 0 Stopway 0 Slope +0.27

Rwy Rev. Program Rules FAA **26 Apr 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4330F26	4575F30	4663F32
46	4408F27	4659F31	4747F33
44	4481F28	4737F32	4826F34
42	4548F29	4810F33	4898F35
40	4591F29	4856F34	4946F35
38	4632F30	4899F34	4990F36
36	4669F30	4940F35	5031F36
34	4695F30	4968F35	5059F36
32	4708F30	4979F35	5071A37
30	4720F31	4992F35	5071A37
20	4780F32	5058F36	5071A36
10	4840F33	5071A37	5071A37
0	4906F34	5071A36	5071A36
-10	4971F35	5071A36	5071A36

High QNH **+0** per .10"
Low QNH **-170** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4319F26	4564F30	4651F32
46	4396F27	4646F31	4734F33
44	4464F28	4719F32	4808F34
42	4520F28	4781F33	4870F34
40	4579F29	4843F34	4932F35
38	4618F29	4885F34	4975F35
36	4656F30	4927F34	5017F36
34	4682F30	4954F35	5045F36
32	4695F30	4968F35	5059F36
30	4707F30	4979F35	5071A37
20	4768F31	5045F36	5071A37
10	4803F32	5071A37	5071A37
0	4863F33	5071A37	5071A37
-10	4924F34	5071A37	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **+0**
Wing A/I ON **+0**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4238F14	4538F23	4643F26
46	4311F14	4615F24	4722F27
44	4379F15	4688F24	4795F27
42	4442F15	4756F25	4865F28
40	4488F15	4803F25	4912F28
38	4532F16	4848F25	4954F28
36	4574F16	4890F25	4998F28
34	4603F16	4919F26	5028F29
32	4617F16	4935F26	5044F29
30	4630F17	4950F26	5059F29
20	4695F18	5022F28	5071A32
10	4762F20	5071A30	5071A34
0	4836F22	5071A33	5071A36
-10	4910F24	5071A35	5071A36

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-160**
Wing A/I ON **-160**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4230F13	4528F23	4633F26
46	4302F14	4605F24	4711F27
44	4366F14	4673F24	4780F27
42	4422F15	4733F24	4840F28
40	4479F15	4793F25	4900F28
38	4522F15	4836F25	4942F28
36	4565F16	4879F25	4986F28
34	4593F16	4908F26	5016F29
32	4607F16	4924F26	5032F29
30	4621F17	4939F26	5048F29
20	4686F18	5011F28	5071A31
10	4728F20	5060F30	5071A34
0	4796F22	5071A32	5071A36
-10	4868F24	5071A35	5071A37

High QNH **+0** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-60**
Wing A/I ON **-60**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3551F97	4477F 4	4596^ 7
26	3585F97	4502F 4	4598^ 7
24	3617F97	4529F 4	4600^ 8
22	3650F98	4549^ 5	4602^ 8
20	3682F98	4550^ 5	4603^ 8
18	3718F98	4550^ 5	4604^ 9
16	3748F98	4550^ 6	4604^ 9
14	3783F99	4547^ 6	4602^10
12	3814F99	4544^ 7	4599^10
10	3848F99	4545^ 7	4600^11
0	4027F 0	4555^ 9	4612^13
-10	4076F 2	4558^12	4616^15
-20	4293F 4	4555^14	4610D18
-30	4383^ 6	4549D17	4598D18

High QNH **+80** per .10"
Low QNH **-80** per .10"

Engine A/I ON **-750**
Wing A/I ON **-750**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3604F 0	4006F 8	4195F10
26	3616F 0	4028F 8	4208F11
24	3629F 0	4052F 9	4227F11
22	3639F 1	4076F 9	4242F11
20	3651F 1	4099F 9	4258F12
18	3662F 1	4128F 9	4273F12
16	3674F 2	4150F 9	4288F12
14	3686F 2	4166F10	4304F13
12	3700F 2	4181F10	4320F13
10	3714F 3	4198F10	4336F13
0	3785F 4	4282F12	4422F15
-10	3862F 6	4365F14	4505F16
-20	3957F 7	4447F15	
-30	4073F 9	4537^17	4589^18

High QNH **+80** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-500**
Wing A/I ON **-500**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation	90	Length	7874	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.27
Rwy Rev.		Program						Rules	FAA		**26 Apr 19**

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VILLAHERMOSA -VSA 08 *DT H085*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1046'		DT H085	1046'	

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	4074F21	4321F26	4407F27	4015F 8	4301F18	4402F21	4719
46	87.7	4146F22	4397F27	4485F28	4083F 9	4373F18	4476F22	4839
44	87.6	4191F23	4443F27	4533F29	4126F 9	4418F19	4522F22	4898
42	87.4	4207F23	4461F28	4551F29	4143F 9	4436F19	4541F22	4946
40	87.1	4222F23	4478F28	4566F29	4159F10	4454F20	4559F23	4959
38	86.9	4232F23	4489F28	4577F30	4170F10	4467F20	4571F23	4961
36	86.6	4242F23	4500F28	4589F30	4181F10	4479F20	4582F23	4962
34	86.3	4252F24	4511F28	4600F30	4192F11	4492F21	4596F24	4964
32	86.0	4263F24	4523F29	4612F30	4204F11	4505F21	4609F24	4966
30	85.7	4273F24	4535F29	4624F30	4216F11	4519F21	4623F24	4968
20	84.3	4328F25	4594F30	4684F31	4274F13	4585F23	4684D26	4976
10	82.8	4382F26	4653F31	4732^32	4336F15	4653D25	4732D28	4972
0	81.3	4442F27	4717F32	4778^33	4403F17	4717D27	4778D30	4984
-10	79.8	4499F28	4771^33	4816^34	4469F19	4771D29	4816D32	4988
-20	78.3	4557F29	4807^34	4864^34	4538F21	4807D31	4864D34	4985
-30	76.7	4616F30	4848^34	4910^35	4606F23	4848D33	4910D36	4983

High QNH **+60** per .10" — Engine A/I ON **-600**
Low QNH **-150** per .10" — Wing A/I ON **-600**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	4163F23	4412F27	4480^29	4078F10	4376F19	4468^23	4721
46	90.9	4239F24	4493F28	4569^30	4148F10	4450F20	4553F23	4840
44	90.8	4310F25	4569F29	4656F31	4214F10	4519F20	4625F24	4945
42	90.5	4376F26	4637F30	4727F32	4275F11	4584F21	4692F24	5049
40	90.3	4418F26	4679F31	4772F32	4320F11	4627F21	4736F24	5071
38	90.0	4456F26	4719F31	4813F33	4363F11	4669F21	4779F25	5071
36	89.7	4494F27	4757F31	4851F33	4405F12	4711F22	4820F25	5071
34	89.4	4517F27	4783F32	4877F33	4432F12	4739F22	4848F25	5071
32	89.1	4529F27	4796F32	4891F34	4445F12	4754F22	4863F25	5071
30	88.9	4540F27	4809F32	4904F34	4456F12	4767F23	4878F26	5071
20	87.4	4597F28	4872F33	4970F35	4519F14	4839F24	4952F27	5071
10	85.9	4653F29	4936F34	5033F36	4582F16	4910F26	5025F29	5071
0	84.3	4716F30	5005F35	5071A36	4650F18	4990F28	5071A31	5071
-10	82.8	4777F32	5071A36	5071A36	4721F20	5067F30	5071A34	5071
-20	81.2	4839F33	5071A36	5071A36	4793F22	5071A33	5071A36	5071
-30	79.6	4903F34	5071A36	5071A36	4867F24	5071A35	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **-460**
Low QNH **-160** per .10" — Wing A/I ON **-460**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4163F23-23-33	4412F27-27-37	4480^29-29-38	4527^29-29-39
46	90.9	4239F24-24-35	4493F28-28-38	4569^30-30-40	4625^31-31-40
44	90.8	4310F25-25-36	4569F29-29-40	4656F31-31-41	4709^32-32-42
42	90.5	4376F26-26-37	4637F30-30-41	4727F32-32-42	4787^33-33-43
40	90.3	4418F26-26-37	4679F31-31-41	4772F32-32-42	4847^34-34-44
38	90.0	4456F26-26-38	4719F31-31-42	4813F33-33-43	4906F34-34-44
36	89.7	4494F27-27-38	4757F31-31-42	4851F33-33-44	4947F35-35-45
34	89.4	4517F27-27-39	4783F32-32-43	4877F33-33-44	4974F35-35-45
32	89.1	4529F27-27-39	4796F32-32-43	4891F34-34-44	4988F35-35-46
30	88.9	4540F27-27-39	4809F32-32-43	4904F34-34-44	4999F35-35-46
20	87.4	4597F28-28-40	4872F33-33-44	4970F35-35-45	5066F36-36-47
10	85.9	4653F29-29-41	4936F34-34-45	5033F36-36-46	5071A36-36-47
0	84.3	4716F30-30-42	5005F35-35-46	5071A36-36-47	5071A36-36-47
-10	82.8	4777F32-32-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	4839F33-33-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	4903F34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **-460**
Low QNH **-160** per .10" — Wing A/I ON **-460**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 46 Length 7218 Shift **0** Clearway 0 Stopway 0 Slope +0.22
Rwy Rev. Program Rules FAA **27 Sep 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4163F23	4412F27	4480^29	4153F23	4401F27	4471^28			
46	4239F24	4493F28	4569^30	4228F24	4481F28	4560^30			
44	4310F25	4569F29	4656F31	4294F24	4552F29	4638F31			
42	4376F26	4637F30	4727F32	4350F25	4608F30	4699F31			
40	4418F26	4679F31	4772F32	4406F26	4667F30	4760F32			
38	4456F26	4719F31	4813F33	4444F26	4706F31	4799F32			
36	4494F27	4757F31	4851F33	4482F27	4745F31	4838F33			
34	4517F27	4783F32	4877F33	4505F27	4771F32	4864F33			
32	4529F27	4796F32	4891F34	4517F27	4783F32	4878F33			
30	4540F27	4809F32	4904F34	4528F27	4797F32	4891F34			
20	4597F28	4872F33	4970F35	4586F28	4861F33	4958F35			
10	4653F29	4936F34	5033F36	4618F29	4900F34	4996F35			
0	4716F30	5005F35	5071A36	4674F30	4959F35	5050^36			
-10	4777F32	5071A36	5071A36	4733F31	5023F36	5071A37			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+90** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-460** Wing A/I ON **-460**			Engine A/I ON **-60** Wing A/I ON **-60**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4078F10	4376F19	4468^23	4070F 9	4368F19	4459^22			
46	4148F10	4450F20	4553F23	4140F10	4441F20	4543F23			
44	4214F10	4519F20	4625F24	4202F10	4506F20	4610F23			
42	4275F11	4584F21	4692F24	4257F11	4562F21	4668F24			
40	4320F11	4627F21	4736F24	4311F11	4617F21	4726F24			
38	4363F11	4669F21	4779F25	4354F11	4659F21	4768F24			
36	4405F12	4711F22	4820F25	4396F11	4701F21	4809F25			
34	4432F12	4739F22	4848F25	4424F12	4729F22	4838F25			
32	4445F12	4754F22	4863F25	4436F12	4743F22	4853F25			
30	4456F12	4767F23	4878F26	4448F12	4758F22	4868F26			
20	4519F14	4839F24	4952F27	4511F14	4829F24	4942F27			
10	4582F16	4910F26	5025F29	4549F16	4877F26	4990F29			
0	4650F18	4990F28	5071A31	4613F18	4949F28	5050D31			
-10	4721F20	5067F30	5071A34	4679F20	5023F30	5071A34			
	High QNH **+10** per .10" Low QNH **-160** per .10"			High QNH **+100** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-430** Wing A/I ON **-430**			Engine A/I ON **-50** Wing A/I ON **-50**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4100F 1	4394F 3	3426F96	3792F 5	3967F 7			
26		4129F 1	4418F 3	3435F96	3810F 5	3988F 7			
24		4158F 1	4445F 4	3447F97	3827F 5	4014F 8			
22	2827F95	4188F 1	4473F 4	3458F97	3846F 5	4036F 8			
20	3038F95	4216F 2	4500F 4	3470F97	3865F 6	4061F 8			
18	3202F95	4245F 2	4528F 4	3479F97	3883F 6	4089F 8			
16	3262F95	4276F 2	4555F 5	3479F97	3902F 6	4115F 9			
14	3355F96	4306F 3	4586F 5	3479F97	3922F 7	4144F 9			
12	3391F96	4336F 3	4589^ 5	3513F98	3943F 7	4163F 9			
10	3407F96	4365F 3	4590^ 6	3521F99	3966F 7	4179F 9			
0	3584F97	4519F 5	4601^ 8	3585F 0	4096F 8	4270F11			
-10	3639F99	4547^ 7	4604^10	3669F 2	4206F10	4355F13			
-20	3812F 1	4544^ 9	4603^13	3751F 4	4293F11	4442F14			
-30	3991F 2	4540^12	4601^15	3841F 5	4379F13	4527F16			
	High QNH **+80** per .10" Low QNH **-80** per .10"			High QNH **+100** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-630** Wing A/I ON **-630**			Engine A/I ON **-490** Wing A/I ON **-490**			Engine A/I ON Wing A/I ON		

Elevation	46	Length	7218	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.22
Rwy Rev.		Program						Rules	FAA		**27 Sep 17**

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VILLAHERMOSA -VSA 26 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		600'		RT H350	1046'	

A/C **AUTO**

OAT °C	N1%	ALT TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	ALT TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	4126F22	4350^26	4404^27	4056F 8	4331^18	4403^21	4719
46	87.7	4199F23	4436^27	4493^28	4125F 8	4411^18	4485^21	4839
44	87.6	4244F24	4486^28	4544^29	4168F 9	4462F19	4535^22	4898
42	87.4	4261F24	4503^28	4562^29	4185F 9	4477^19	4554^22	4946
40	87.1	4276F24	4519^29	4577^30	4201F 9	4493^19	4570^23	4959
38	86.9	4286F24	4528^29	4585^30	4212F10	4504^20	4580^23	4961
36	86.6	4296F24	4536^29	4594^30	4224F10	4514^20	4590^23	4962
34	86.3	4307F25	4545^29	4603^30	4235F10	4525^20	4601^24	4964
32	86.0	4318F25	4554^29	4611^30	4247F11	4536^21	4611D24	4966
30	85.7	4328F25	4563^29	4620^30	4259F11	4546^21	4620D24	4968
20	84.3	4384F26	4609^30	4666^31	4319F13	4602^23	4666D26	4976
10	82.8	4438F27	4651^31	4706^32	4381F15	4651D25	4706D28	4972
0	81.3	4499F28	4699^32	4752^33	4449F16	4699D27	4752D30	4984
-10	79.8	4557F29	4742^32	4794^33	4515F18	4742D29	4794D32	4988
-20	78.3	4611^30	4782^33	4842^34	4583F20	4782D31	4842D34	4985
-30	76.7	4654^31	4824^34	4891^35	4640^22	4824D33	4891D36	4983

High QNH **+70** per .10" Engine A/I ON **-580**
Low QNH **-160** per .10" Wing A/I ON **-580**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY Flaps 9 -10T	+0	+10H	TO - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4216F24	4408^27	4459^28	4117F 9	4383^19	4455^22	4721
46	90.9	4293F25	4497^28	4551^29	4188F 9	4466^20	4541^23	4840
44	90.8	4365F26	4580^30	4635^31	4255F10	4542^20	4619^24	4945
42	90.5	4432F27	4656^31	4713^32	4317F10	4613^21	4691^24	5049
40	90.3	4472F27	4714^31	4774^32	4363F11	4671F21	4749^24	5071
38	90.0	4511F27	4768^32	4829^33	4406F11	4715F21	4801^24	5071
36	89.7	4549F28	4817F32	4883^34	4449F11	4757F21	4853^24	5071
34	89.4	4574F28	4844F33	4915^34	4477F11	4786F21	4886^25	5071
32	89.1	4586F28	4857F33	4926^34	4490F12	4801F22	4899^25	5071
30	88.9	4597F28	4869F33	4936^34	4501F12	4815F22	4911^25	5071
20	87.4	4656F29	4923^34	4986^35	4565F14	4887F24	4971^27	5071
10	85.9	4713F30	4968^35	5030^36	4628F16	4943^26	5026^29	5071
0	84.3	4777F32	5022^36	5071A36	4698F17	5008^28	5071A31	5071
-10	82.8	4839F33	5071A36	5071A36	4769F19	5071A30	5071A34	5071
-20	81.2	4901F34	5071A36	5071A36	4842F21	5071A33	5071A36	5071
-30	79.6	4967F35	5071A36	5071A36	4917F24	5071A35	5071A36	5071

High QNH **+0** per .10" Engine A/I ON **-570**
Low QNH **-160** per .10" Wing A/I ON **-570**

A/C **AUTO**

OAT °C	N1%	TO - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4216F24-24-34	4408^27-27-37	4459^28-28-38	4507^29-29-39
46	90.9	4293F25-25-35	4497^28-28-38	4551^29-29-39	4601^30-30-40
44	90.8	4365F26-26-37	4580^30-30-40	4635^31-31-41	4687^31-31-41
42	90.5	4432F27-27-38	4656^31-31-41	4713^32-32-42	4766^33-33-42
40	90.3	4472F27-27-38	4714^31-31-42	4774^32-32-43	4830^33-33-43
38	90.0	4511F27-27-39	4768^32-32-42	4829^33-33-43	4888^34-34-44
36	89.7	4549F28-28-39	4817F32-32-43	4883^34-34-44	4944^35-35-45
34	89.4	4574F28-28-40	4844F33-33-44	4915^34-34-45	4977^35-35-45
32	89.1	4586F28-28-40	4857F33-33-44	4926^34-34-45	4988^35-35-46
30	88.9	4597F28-28-40	4869F33-33-44	4936^34-34-45	4997^35-35-46
20	87.4	4656F29-29-41	4923^34-34-45	4986^35-35-46	5047^36-36-46
10	85.9	4713F30-30-42	4968^35-35-45	5030^36-36-46	5071A36-36-47
0	84.3	4777F32-32-43	5022^36-36-46	5071A36-36-47	5071A36-36-47
-10	82.8	4839F33-33-43	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.2	4901F34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.6	4967F35-35-45	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" Engine A/I ON **-570**
Low QNH **-160** per .10" Wing A/I ON **-570**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 46 Length 7218 Shift **0** Clearway 0 Stopway 0 Slope -0.22
Rwy Rev. Program Rules FAA **27 Sep 17**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4216F24	4408^27	4459^28	4206F24	4399^27	4450^28			
46	4293F25	4497^28	4551^29	4282F25	4489^28	4541^29			
44	4365F26	4580^30	4635^31	4348F25	4567^29	4621^30			
42	4432F27	4656^31	4713^32	4405F26	4636^30	4693^31			
40	4472F27	4714^31	4774^32	4460F27	4705^31	4763^32			
38	4511F27	4768^32	4829^33	4498F27	4757^32	4819^33			
36	4549F28	4817F32	4883^34	4537F28	4805F32	4872^33			
34	4574F28	4844F33	4915^34	4562F28	4831F33	4904^34			
32	4586F28	4857F33	4926^34	4574F28	4844F33	4915^34			
30	4597F28	4869F33	4936^34	4586F28	4857F33	4926^34			
20	4656F29	4923^34	4986^35	4644F29	4913^34	4977^35			
10	4713F30	4968^35	5030^36	4678F30	4926^34	4988^35			
0	4777F32	5022^36	5071A36	4735F31	4967^35	5026^36			
-10	4839F33	5071A36	5071A36	4795F32	5011^36	5071A37			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+90** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-570** Wing A/I ON **-570**			Engine A/I ON **-110** Wing A/I ON **-110**			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4117F 9	4383^19	4455^22	4110F 9	4376^19	4447^22			
46	4188F 9	4466^20	4541^23	4180F 9	4458^20	4532^23			
44	4255F10	4542^20	4619^24	4243F10	4531^20	4608^23			
42	4317F10	4613^21	4691^24	4298F10	4595^20	4674^24			
40	4363F11	4671F21	4749^24	4354F11	4662F21	4740^24			
38	4406F11	4715F21	4801^24	4397F11	4704F21	4793^24			
36	4449F11	4757F21	4853^24	4440F11	4747F21	4845^24			
34	4477F11	4786F21	4886^25	4468F11	4776F21	4876^25			
32	4490F12	4801F22	4899^25	4481F12	4791F22	4888^25			
30	4501F12	4815F22	4911^25	4493F12	4805F22	4902^25			
20	4565F14	4887F24	4971^27	4557F14	4878F24	4962^27			
10	4628F16	4943^26	5026^29	4595F16	4905^26	4987^29			
0	4698F17	5008^28	5071A31	4658F17	4958^28	5026D31			
-10	4769F19	5071A30	5071A34	4728F19	5011D30	5071A34			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+100** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-570** Wing A/I ON **-570**			Engine A/I ON **-100** Wing A/I ON **-100**			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		3528F 2	4327F 3	3452F95	3840F 4	4032F 6			
26		3654F 2	4339F 3	3452F95	3858F 4	4057F 6			
24		3777F 2	4352F 3	3452F95	3878F 4	4081F 6			
22		3910F 2	4366F 4	3501F96	3897F 4	4108F 7			
20		4025F 2	4378F 4	3512F96	3917F 5	4137F 7			
18		4172F 2	4389F 4	3522F97	3938F 5	4157F 7			
16		4300F 2	4403F 5	3528F97	3957F 5	4173F 8			
14		4312F 2	4417F 5	3540F97	3981F 5	4189F 8			
12		4324F 2	4429F 6	3553F97	4006F 6	4206F 8			
10		4338F 3	4443F 6	3566F98	4031F 6	4225F 9			
0		4409F 5	4515F 8	3634F99	4165F 7	4313F10			
-10		4479F 7	4584F10	3706F 1	4250F 9	4399F12			
-20		4547F 9	4654F12	3791F 2	4338F11	4486F14			
-30	2984F 5	4616F11	4727F15	3889F 4	4425F12	4551^16			
	High QNH **+90** per .10" Low QNH **-320** per .10"			High QNH **+120** per .10" Low QNH **-130** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-430** Wing A/I ON **-430**			Engine A/I ON **-490** Wing A/I ON **-490**			Engine A/I ON Wing A/I ON		

Elevation	46	Length	7218	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.22
Rwy Rev.		Program						Rules	FAA		**27 Sep 17**

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TAR Mexico **EMB-145** **AE3007A1P**

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		8141'		**DT H022**	**8141'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
34	89.1	3952^21	4032^23	4058^23
32	89.4	4029^22	4110^24	4137^24
30	89.7	4109^23	4190^25	4217^25
28	89.9	4190^25	4272^26	4299^27
26	90.1	4270^26	4353^27	4381^28
24	90.4	4344F27	4434^29	4462^29
22	90.6	4398F28	4516^30	4544^30
20	90.8	4445F28	4546^30	4574^31
18	90.5	4459F29	4558^30	4587^31
16	90.2	4472F29	4564^30	4593^31
14	89.9	4478^29	4565^30	4594^31
10	89.3	4478^29	4566^30	4595^31
0	87.7	4475^29	4566^30	4597^31
-10	86.1	4459^29	4553^30	4583^31
-20	84.5	4452^28	4548^30	4580^31
-30	82.8	4436^28	4536^30	4569^31

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3945^11	4032D20	4058D23	4112
4018F11	4110D21	4137D24	4191
4072F11	4190D21	4217D24	4271
4128F12	4271^21	4299D24	4353
4183F12	4351^22	4381D25	4436
4237F13	4432^22	4462D25	4517
4290F13	4511^22	4544^25	4599
4332F14	4542^23	4574^26	4634
4347F14	4555^23	4586^27	4642
4361F15	4561^24	4593D27	4650
4374F15	4563^24	4594D27	4652
4401F16	4564^25	4595D28	4654
4467^18	4566D27	4597D31	4657
4454^20	4553D30	4583D31	4647
4450^22	4548D30	4580D31	4650
4436D25	4536D30	4569D31	4642

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5340** — Wing A/I ON **-5340**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
34	94.2	3962^21	4041^23	4067^23
32	94.2	4040^22	4119^24	4146^24
30	94.2	4121^24	4201^25	4227^26
28	94.1	4202^25	4283^26	4310^27
26	94.1	4283^26	4365^28	4392^28
24	93.9	4364^27	4447^29	4475^29
22	93.8	4445^28	4529^30	4557^30
20	93.7	4476^29	4560^30	4588^31
18	93.6	4490^29	4575^31	4603^31
16	93.5	4496^29	4582^31	4610^31
14	93.3	4496^29	4582^31	4611^31
10	92.7	4496^29	4583^31	4612^31
0	91.0	4493^29	4582^31	4612^31
-10	89.3	4477^29	4569^30	4599^31
-20	87.6	4469^29	4564^30	4596^31
-30	85.9	4454^28	4552^30	4585^31

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3956^12	4041D22	4067D23	4113
4033^13	4119D22	4146D25	4192
4111^13	4201D23	4227D26	4272
4191F13	4283D23	4310D26	4355
4248F14	4364^23	4392D27	4437
4306F14	4445^24	4475D27	4519
4365F15	4526^24	4557D27	4601
4413F15	4558^25	4588D28	4636
4446F16	4573^26	4603D29	4644
4462F17	4581^26	4610D30	4652
4476F17	4582^27	4611D30	4653
4485^18	4583D28	4612D31	4655
4485^20	4582D30	4612D31	4658
4474^23	4569D31	4599D31	4650
4469D25	4564D31	4596D31	4652
4454D28	4552D30	4585D31	4644

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5370** — Wing A/I ON **-5370**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
34	94.2	3962^21-21-30	4041^23-23-32	4067^23-23-32	4094^24-24-33
32	94.2	4040^22-22-32	4119^24-24-33	4146^24-24-33	4172^25-25-34
30	94.2	4121^24-24-33	4201^25-25-34	4227^26-26-35	4254^26-26-35
28	94.1	4202^25-25-34	4283^26-26-35	4310^27-27-36	4337^27-27-36
26	94.1	4283^26-26-35	4365^28-28-37	4392^28-28-37	4419^29-29-37
24	93.9	4364^27-27-37	4447^29-29-38	4475^29-29-38	4502^30-30-39
22	93.8	4445^28-28-38	4529^30-30-39	4557^30-30-40	4585^31-31-40
20	93.7	4476^29-29-38	4560^30-30-40	4588^31-31-40	4616^31-31-40
18	93.6	4490^29-29-39	4575^31-31-40	4603^31-31-40	4631^32-32-41
16	93.5	4496^29-29-39	4582^31-31-40	4610^31-31-40	4638^32-32-41
14	93.3	4496^29-29-39	4582^31-31-40	4611^31-31-40	4639^32-32-41
10	92.7	4496^29-29-39	4583^31-31-40	4612^31-31-40	4640^32-32-41
0	91.0	4493^29-29-39	4582^31-31-40	4612^31-31-40	4641^32-32-41
-10	89.3	4477^29-29-38	4569^30-30-40	4599^31-31-40	4630^32-32-41
-20	87.6	4469^29-29-38	4564^30-30-40	4596^31-31-40	4628^32-32-41
-30	85.9	4454^28-28-38	4552^30-30-39	4585^31-31-40	4617^31-31-40

High QNH **+100** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-5370** — Wing A/I ON **-5370**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	7141	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.07
Rwy Rev.		Program						Rules	FAA		**10 Feb 20**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3962^21	4041^23	4067^23	3957^21	4035^23	4062^23			
32	4040^22	4119^24	4146^24	4034^22	4114^24	4140^24			
30	4121^24	4201^25	4227^26	4115^24	4195^25	4222^26			
28	4202^25	4283^26	4310^27	4196^25	4277^26	4304^27			
26	4283^26	4365^28	4392^28	4277^26	4358^27	4386^28			
24	4364^27	4447^29	4475^29	4355^27	4438^29	4466^29			
22	4445^28	4529^30	4557^30	4433^28	4517^30	4545^30			
20	4476^29	4560^30	4588^31	4468^29	4552^30	4580^31			
18	4490^29	4575^31	4603^31	4481^29	4566^30	4594^31			
16	4496^29	4582^31	4610^31	4489^29	4575^31	4603^31			
14	4496^29	4582^31	4611^31	4490^29	4576^31	4605^31			
10	4496^29	4583^31	4612^31	3959^21	4042^23	4070^23			
0	4493^29	4582^31	4612^31	4411^28	4500^29	4528^30			
-10	4477^29	4569^30	4599^31	4394^28	4484^29	4514^30			
	High QNH +100 per .10" Low QNH -170 per .10"			High QNH +100 per .10" Low QNH -210 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -5370 Wing A/I ON -5370			Engine A/I ON -220 Wing A/I ON -220			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
34	3956^12	4041D22	4067D23	3951^12	4035D22	4062D23			
32	4033^13	4119D22	4146D25	4027^12	4114D22	4140D24			
30	4111^13	4201D23	4227D26	4106^13	4195D22	4222D26			
28	4191F13	4283D23	4310D26	4181F13	4277D23	4304D26			
26	4248F14	4364^23	4392D27	4238F14	4358^23	4386D26			
24	4306F14	4445^24	4475D27	4294F14	4437^24	4466D27			
22	4365F15	4526^24	4557D27	4349F15	4515^24	4545D27			
20	4413F15	4558^25	4588D28	4404F15	4549^25	4580D28			
18	4446F16	4573^26	4603D29	4426F16	4564^26	4594D29			
16	4462F17	4581^26	4610D30	4449F16	4574^26	4603D29			
14	4476F17	4582^27	4611D30	4467F17	4576^27	4605D30			
10	4485^18	4583D28	4612D31	3959D21	4042D23	4070D23			
0	4485^20	4582D30	4612D31	4405^20	4500D30	4528D30			
-10	4474^23	4569D31	4599D31	4393^23	4484D29	4514D30			
	High QNH +100 per .10" Low QNH -170 per .10"			High QNH +100 per .10" Low QNH -210 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -5370 Wing A/I ON -5370			Engine A/I ON -220 Wing A/I ON -220			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28	3666F93	3875F 2	3949F 5	3374F98	3554F 6	3615F 9			
26	3723F94	3934F 2	4009F 5	3433F99	3616F 7	3678F 9			
24	3779F94	3994F 3	4069F 6	3492F99	3678F 7	3743F10			
22	3836F94	4054F 3	4131F 6	3551F99	3745F 8	3808F10			
20	3877F95	4099F 4	4177F 7	3599F 0	3797F 8	3861F11			
18	3900F95	4126F 4	4203F 7	3629F 0	3832F 9	3896F12			
16	3912F96	4140F 5	4218F 8	3642F 1	3844F 9	3911F12			
14	3925F96	4153F 5	4233F 8	3652F 1	3855F10	3921F12			
12	3935F96	4164F 5	4243F 8	3662F 1	3865F10	3932F13			
10	3946F97	4177F 6	4256F 9	3673F 2	3876F10	3943F13			
0	4003F99	4238F 8	4322F11	3724F 3	3928F12	3999F15			
-10	4052F 1	4297F10	4382F13	3768F 5	3976F14	4049F17			
-20	4111F 2	4363F12	4449F15	3822F 7	4032F16	4110F19			
-30	4172F 5	4430F14	4518F17	3869F 9	4090F18	4173F21			
	High QNH +110 per .10" Low QNH -150 per .10"			High QNH +110 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -2470 Wing A/I ON -2470			Engine A/I ON -2300 Wing A/I ON -2300			Engine A/I ON Wing A/I ON		

Elevation 7141 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope -0.07

Rwy Rev. Program Rules FAA **10 Feb 20**

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ZACATECAS -ZCL 20 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D3.0 ZCL	***7600'**	**LT H180**	**8141'**	

*USE ONLY IF ZCL VOR OTS

A/C **AUTO**

ALT TO-1 - DRY RWY | **ALT TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
34	89.1	3951^21	4031^23	4057^23	3943^11	4031D20	4057D23	4112
32	89.4	4028^22	4108^24	4135^24	4004F11	4108D21	4135D24	4191
30	89.7	4108^23	4189^25	4216^25	4057F12	4189D21	4216D24	4271
28	89.9	4188^25	4270^26	4297^27	4113F12	4269^21	4297D24	4353
26	90.1	4267F26	4352^27	4379^28	4169F13	4350^22	4379D25	4436
24	90.4	4325F27	4433^29	4461^29	4223F13	4430^22	4461D25	4517
22	90.6	4381F27	4514^30	4542^30	4275F14	4510^22	4542^25	4599
20	90.8	4425F28	4544^30	4572^31	4317F14	4540^23	4572^26	4634
18	90.5	4439F28	4556^30	4585^31	4333F14	4552^23	4585^27	4642
16	90.2	4452F28	4563^30	4591^31	4346F15	4559^24	4592^27	4650
14	89.9	4464F29	4563^30	4592^31	4360F15	4561^24	4592D27	4652
10	89.3	4476^29	4564^30	4594^31	4386F16	4563^25	4594D28	4654
0	87.7	4474^29	4564^30	4595^31	4453F18	4564D28	4595D31	4657
-10	86.1	4457^28	4551^30	4581^31	4452^20	4551D30	4581D31	4647
-20	84.5	4450^28	4546^30	4579^31	4448^22	4546D30	4579D31	4650
-30	82.8	4434^28	4534^30	4568^30	4434D25	4534D30	4568D31	4642

High QNH **+100** per .10" — Engine A/I ON **-5330**
Low QNH **-170** per .10" — Wing A/I ON **-5330**

A/C **AUTO**

TO - DRY RWY | **TO - WET RWY**

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
34	94.2	3961^21	4040^23	4066^23	3955^12	4040D22	4066D23	4113
32	94.2	4039^22	4118^24	4145^24	4031^13	4118D22	4145D25	4192
30	94.2	4119^24	4199^25	4226^26	4110^13	4199D23	4226D26	4272
28	94.1	4200^25	4281^26	4308^27	4176F13	4281D23	4308D26	4355
26	94.1	4282^26	4363^28	4391^28	4233F14	4363D23	4391D27	4437
24	93.9	4363^27	4445^29	4473^29	4291F14	4444^24	4473D27	4519
22	93.8	4444^28	4528^30	4556^30	4351F15	4525^24	4556D28	4601
20	93.7	4475^29	4558^30	4586^31	4399F16	4556^25	4586D28	4636
18	93.6	4489^29	4573^31	4602^31	4431F16	4572^26	4602D29	4644
16	93.5	4495^29	4580^31	4608^31	4448F17	4579^26	4608D30	4652
14	93.3	4495^29	4581^31	4609^31	4461F17	4581^27	4609D30	4653
10	92.7	4494^29	4581^31	4610^31	4483^18	4581D28	4610D31	4655
0	91.0	4491^29	4580^31	4610^31	4484^20	4580D30	4610D31	4658
-10	89.3	4476^29	4567^30	4598^31	4472^23	4567D31	4598D31	4650
-20	87.6	4468^29	4563^30	4595^31	4468D25	4563D30	4595D31	4652
-30	85.9	4452^28	4550^30	4583^31	4452D28	4550D30	4583D31	4644

High QNH **+100** per .10" — Engine A/I ON **-5370**
Low QNH **-170** per .10" — Wing A/I ON **-5370**

A/C **AUTO**

TO - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
34	94.2	3961^21-21-30	4040^23-23-32	4066^23-23-32	4092^24-24-32
32	94.2	4039^22-22-32	4118^24-24-33	4145^24-24-33	4171^25-25-34
30	94.2	4119^24-24-33	4199^25-25-34	4226^26-26-35	4253^26-26-35
28	94.1	4200^25-25-34	4281^26-26-35	4308^27-27-36	4335^27-27-36
26	94.1	4282^26-26-35	4363^28-28-37	4391^28-28-37	4418^29-29-37
24	93.9	4363^27-27-37	4445^29-29-38	4473^29-29-38	4501^30-30-39
22	93.8	4444^28-28-38	4528^30-30-39	4556^30-30-39	4584^31-31-40
20	93.7	4475^29-29-38	4558^30-30-40	4586^31-31-40	4614^31-31-40
18	93.6	4489^29-29-39	4573^31-31-40	4602^31-31-40	4630^32-32-41
16	93.5	4495^29-29-39	4580^31-31-40	4608^31-31-40	4637^32-32-41
14	93.3	4495^29-29-39	4581^31-31-40	4609^31-31-40	4638^32-32-41
10	92.7	4494^29-29-39	4581^31-31-40	4610^31-31-40	4638^32-32-41
0	91.0	4491^29-29-39	4580^31-31-40	4610^31-31-40	4640^32-32-41
-10	89.3	4476^29-29-38	4567^30-30-40	4598^31-31-40	4629^32-32-41
-20	87.6	4468^29-29-38	4563^30-30-40	4595^31-31-40	4626^31-31-41
-30	85.9	4452^28-28-38	4550^30-30-39	4583D31-31-40	4616^31-31-40

High QNH **+100** per .10" — Engine A/I ON **-5370**
Low QNH **-170** per .10" — Wing A/I ON **-5370**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation 7141 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.07
Rwy Rev. Program Rules FAA **10 Feb 20**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
34	3961^21	4040^23	4066^23
32	4039^22	4118^24	4145^24
30	4119^24	4199^25	4226^26
28	4200^25	4281^26	4308^27
26	4282^26	4363^28	4391^28
24	4363^27	4445^29	4473^29
22	4444^28	4528^30	4556^30
20	4475^29	4558^30	4586^31
18	4489^29	4573^31	4602^31
16	4495^29	4580^31	4608^31
14	4495^29	4581^31	4609^31
10	4494^29	4581^31	4610^31
0	4491^29	4580^31	4610^31
-10	4476^29	4567^30	4598^31

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-5370**
Wing A/I ON **-5370**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
34	3955^21	4034^23	4060^23
32	4033^22	4112^24	4139^24
30	4113^24	4193^25	4220^26
28	4194^25	4275^26	4302^27
26	4275^26	4357^27	4384^28
24	4353^27	4436^29	4464^29
22	4432^28	4515^30	4544^30
20	4466^29	4550^30	4578^31
18	4479^29	4564^30	4592^31
16	4488^29	4573^31	4602^31
14	4489^29	4575^31	4604^31
10	3958^21	4041^23	4069^23
0	4409^28	4498^29	4527^30
-10	4393^28	4483^29	4513^30

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-220**
Wing A/I ON **-220**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
34	3955^12	4040D22	4066D23
32	4031^13	4118D22	4145D25
30	4110^13	4199D23	4226D26
28	4176F13	4281D23	4308D26
26	4233F14	4363D23	4391D27
24	4291F14	4444^24	4473D27
22	4351F15	4525^24	4556D28
20	4399F16	4556^25	4586D28
18	4431F16	4572^26	4602D29
16	4448F17	4579^26	4608D30
14	4461F17	4581^27	4609D30
10	4483^18	4581D28	4610D31
0	4484^20	4580D30	4610D31
-10	4472^23	4567D31	4598D31

High QNH **+100** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-5370**
Wing A/I ON **-5370**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
34	3949^12	4034D22	4060D23
32	4025^12	4112D22	4139D24
30	4104^13	4193D23	4220D26
28	4167F13	4275D23	4302D26
26	4223F14	4357D23	4384D26
24	4279F14	4435^24	4464D27
22	4334F15	4513^24	4544D27
20	4389F16	4548^25	4578D28
18	4412F16	4562^26	4592D29
16	4434F17	4572^26	4602D29
14	4452F17	4575^27	4604D30
10	3958D21	4041D23	4069D23
0	4404^20	4498D30	4527D30
-10	4392^23	4483D29	4513D30

High QNH **+100** per .10"
Low QNH **-210** per .10"

Engine A/I ON **-220**
Wing A/I ON **-220**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3654F94	3864F 3	3938F 5
26	3711F94	3923F 3	3997F 6
24	3768F95	3982F 3	4057F 6
22	3824F95	4042F 4	4119F 7
20	3866F95	4087F 4	4165F 7
18	3890F96	4114F 5	4191F 8
16	3902F96	4129F 5	4207F 8
14	3914F97	4141F 5	4220F 8
12	3924F97	4153F 6	4232F 9
10	3935F97	4165F 6	4246F 9
0	3990F99	4226F 8	4310F11
-10	4041F 1	4284F10	4370F13
-20	4099F 3	4351F12	4438F15
-30	4160F 5	4417F15	4505F18

High QNH **+110** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-2450**
Wing A/I ON **-2450**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3367F98	3546F 7	3607F 9
26	3426F99	3608F 7	3669F10
24	3485F99	3670F 7	3734F10
22	3544F 0	3736F 8	3799F11
20	3591F 0	3787F 8	3852F11
18	3621F 1	3821F 9	3887F12
16	3635F 1	3835F10	3901F12
14	3646F 1	3846F10	3912F13
12	3655F 2	3856F10	3923F13
10	3665F 2	3866F11	3934F13
0	3715F 4	3919F12	3990F15
-10	3763F 6	3967F14	4042F17
-20	3812F 7	4022F16	4102F19
-30	3860F 9	4081F18	4165F21

High QNH **+110** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-2260**
Wing A/I ON **-2260**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 7141 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.07
Rwy Rev. Program Rules FAA **10 Feb 20**

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ZIHUATANEJO -ZIH 08 *SPECIAL*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		200'		RT H145	1026'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4184^23	4338^26	4391^27
46	87.7	4269^24	4427^27	4482^28
44	87.6	4317^25	4477^28	4533^29
42	87.4	4333^25	4494^28	4550^29
40	87.1	4347^25	4509^28	4565^29
38	86.8	4354^26	4516^28	4572^30
36	86.6	4361^26	4523^29	4580^30
34	86.3	4369^26	4531^29	4587^30
32	86.0	4376^26	4539^29	4595^30
30	85.7	4384^26	4546^29	4603^30
20	84.3	4423^27	4587^30	4643^31
10	82.8	4457^27	4620^30	4676^31
0	81.3	4497^28	4662^31	4718^32
-10	79.8	4532^29	4697^32	4754^33
-20	78.3	4565^29	4729^32	4787^33
-30	76.7	4596^30	4760^33	4817^34

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4171^15	4338D25	4391D28	4723
4252^15	4427D25	4482D28	4842
4298^16	4477D26	4533D29	4900
4314^16	4494D26	4550D29	4947
4329^16	4509D26	4565D30	4959
4338^17	4516D27	4572D30	4961
4348^17	4523D27	4580D30	4962
4357^17	4531D27	4587D31	4964
4366^18	4539D28	4595D31	4966
4375^18	4546D28	4603D31	4968
4423^20	4587D30	4643D32	4976
4457D22	4620D31	4676D32	4973
4497D24	4662D32	4718D33	4984
4532D26	4697D33	4754D34	4988
4565D28	4729D33	4787D34	4985
4596D31	4760D34	4817D35	4983

High QNH **+60** per .10" — Engine A/I ON **-620**
Low QNH **-160** per .10" — Wing A/I ON **-620**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4233^24	4384^27	4436^28
46	90.9	4322^25	4477^28	4530^29
44	90.8	4402^26	4561^29	4617^30
42	90.5	4478^27	4640^30	4697^31
40	90.2	4537^28	4703^31	4761^32
38	90.0	4592^29	4760^32	4820^33
36	89.7	4646^29	4817^32	4877^33
34	89.4	4675^30	4849^33	4910^34
32	89.1	4686^30	4859^33	4920^34
30	88.8	4694^30	4868^33	4929^34
20	87.3	4737^31	4913^34	4975^35
10	85.8	4774^32	4951^35	5013^36
0	84.2	4820^32	4999^35	5060^36
-10	82.7	4862^33	5041^36	5071A36
-20	81.1	4898^34	5071A36	5071A36
-30	79.5	4935^34	5071A36	5071A36

TO - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4219^16	4384D26	4436D29	4724
4302^17	4477D27	4530D30	4844
4376^17	4561D27	4617D31	4949
4447^18	4640D28	4697D31	5053
4503^18	4703D28	4761D31	5071
4555^18	4760D28	4820D31	5071
4607^18	4817D28	4877D32	5071
4637^18	4849D29	4910D32	5071
4649^19	4859D29	4920D32	5071
4660^19	4868D29	4929D33	5071
4712^21	4913D31	4975D34	5071
4760^23	4951D33	5013D36	5071
4816^25	4999D35	5060D36	5071
4862D27	5041D36	5071A36	5071
4898D29	5071A36	5071A36	5071
4935D32	5071A36	5071A36	5071

High QNH **+0** per .10" — Engine A/I ON **-630**
Low QNH **-160** per .10" — Wing A/I ON **-630**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4233^24-24-35	4384^27-27-37	4436^28-28-38	4489^29-29-38
46	90.9	4322^25-25-36	4477^28-28-38	4530^29-29-39	4584^30-30-40
44	90.8	4402^26-26-37	4561^29-29-39	4617^30-30-40	4672^31-31-41
42	90.5	4478^27-27-38	4640^30-30-41	4697^31-31-41	4753^32-32-42
40	90.2	4537^28-28-39	4703^31-31-41	4761^32-32-42	4820^33-33-43
38	90.0	4592^29-29-40	4760^32-32-42	4820^33-33-43	4880^34-34-44
36	89.7	4646^29-29-41	4817^32-32-43	4877^33-33-44	4939^34-34-45
34	89.4	4675^30-30-41	4849^33-33-44	4910^34-34-44	4972^35-35-45
32	89.1	4686^30-30-41	4859^33-33-44	4920^34-34-45	4983^35-35-46
30	88.8	4694^30-30-41	4868^33-33-44	4929^34-34-45	4992^35-35-46
20	87.3	4737^31-31-42	4913^34-34-45	4975^35-35-45	5037^36-36-46
10	85.8	4774^32-32-43	4951^35-35-45	5013^36-36-46	5071A36-36-47
0	84.2	4820^32-32-43	4999^35-35-46	5060^36-36-47	5071A36-36-47
-10	82.7	4862^33-33-44	5041^36-36-46	5071A36-36-47	5071A36-36-47
-20	81.1	4898^34-34-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	4935^34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Engine A/I ON **-630**
Low QNH **-160** per .10" — Wing A/I ON **-630**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	26	Length	8222	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.16
Rwy Rev.		Program						Rules	FAA		**07 Feb 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4233^24	4384^27	4436^28
46	4322^25	4477^28	4530^29
44	4402^26	4561^29	4617^30
42	4478^27	4640^30	4697^31
40	4537^28	4703^31	4761^32
38	4592^29	4760^32	4820^33
36	4646^29	4817^32	4877^33
34	4675^30	4849^33	4910^34
32	4686^30	4859^33	4920^34
30	4694^30	4868^33	4929^34
20	4737^31	4913^34	4975^35
10	4774^32	4951^35	5013^36
0	4820^32	4999^35	5060^36
-10	4862^33	5041^36	5071A36

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-630**
Wing A/I ON **-630**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4225^24	4377^27	4428^28
46	4313^25	4468^28	4522^29
44	4391^26	4550^29	4605^30
42	4460^27	4621^30	4679^31
40	4528^28	4694^31	4752^32
38	4583^29	4751^32	4810^33
36	4637^29	4808^32	4868^33
34	4666^30	4839^33	4900^34
32	4676^30	4849^33	4910^34
30	4686^30	4859^33	4920^34
20	4729^31	4904^34	4966^35
10	4731^31	4907^34	4968^35
0	4764^32	4939^35	4998^36
-10	4801^32	4976^35	5036^36

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-120**
Wing A/I ON **-120**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4219^16	4384D26	4436D29
46	4302^17	4477D27	4530D30
44	4376^17	4561D27	4617D31
42	4447^18	4640D28	4697D31
40	4503^18	4703D28	4761D31
38	4555^18	4760D28	4820D31
36	4607^18	4817D28	4877D32
34	4637^18	4849D29	4910D32
32	4649^19	4859D29	4920D32
30	4660^19	4868D29	4929D33
20	4712^21	4913D31	4975D34
10	4760^23	4951D33	5013D36
0	4816^25	4999D35	5060D36
-10	4862D27	5041D36	5071A36

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-630**
Wing A/I ON **-630**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4212^16	4377D26	4428D29
46	4293^17	4468D27	4522D30
44	4366^17	4550D27	4605D30
42	4431^17	4621D28	4679D31
40	4494^18	4694D28	4752D31
38	4547^18	4751D28	4810D31
36	4599^18	4808D28	4868D31
34	4629^18	4839D28	4900D32
32	4640^19	4849D29	4910D32
30	4652^19	4859D29	4920D32
20	4704^21	4904D31	4966D34
10	4720^23	4907D33	4968D36
0	4764D25	4939D35	4998D37
-10	4801D27	4976D36	5036D37

High QNH **+90** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-120**
Wing A/I ON **-120**

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	2655F 3	4457F 7	4532^10
26	2799F 3	4469F 7	4543^11
24	2953F 3	4481F 8	4554^11
22	3082F 3	4490^ 8	4565^11
20	3197F 3	4502^ 8	4578^12
18	3329F 2	4511^ 9	4588^12
16	3461F 2	4522^ 9	4598^12
14	3580F 2	4532^ 9	4609^13
12	3707F 2	4541^10	4620^13
10	3831F 2	4551^10	4630^14
0	4354F 2	4611^12	4692^16
-10	4413F 4	4670^14	4754^18
-20	4472F 6	4727^17	4813^20
-30	4534F 8	4786^19	4875^23

High QNH **+90** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-520**
Wing A/I ON **-520**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3733F 1	4163F 9	4292^12
26	3745F 2	4179F10	4308^12
24	3758F 2	4193F10	4323^13
22	3770F 2	4210^10	4338^13
20	3783F 3	4224F11	4354^13
18	3795F 3	4239^11	4368^14
16	3806F 3	4252^11	4383^14
14	3819F 3	4266^12	4397^14
12	3833F 4	4282^12	4414^15
10	3847F 4	4298^12	4429^15
0	3928F 6	4379^14	4517^17
-10	4012F 7	4459^15	
-20	4117F 8	4544^17	4607^18
-30	4215F10	4544^17	4597^18

High QNH **+80** per .10"
Low QNH **-120** per .10"

Engine A/I ON **-510**
Wing A/I ON **-510**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H

High QNH per .10"
Low QNH per .10"

Engine A/I ON
Wing A/I ON

Elevation 26 Length 8222 Shift **0** Clearway 0 Stopway 0 Slope +0.16
Rwy Rev. Program Rules FAA **07 Feb 19**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1026'		**DT H266**	**1026'**	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	4386F27	4638^31	4670^32
46	87.7	4464F28	4722F32	4785^34
44	87.6	4509F28	4772F33	4862F35
42	87.4	4526F29	4790F33	4878F35
40	87.1	4542F29	4807F34	4896F35
38	86.8	4553F29	4819F34	4908F35
36	86.6	4564F29	4830F34	4921F35
34	86.3	4575F30	4843F34	4932^36
32	86.0	4587F30	4855F34	4934^36
30	85.7	4599F30	4868F35	4935^36
20	84.3	4659F31	4903^35	4941^36
10	82.8	4720F32	4896^35	4934^36
0	81.3	4784F33	4901^35	4940^36
-10	79.8	4777^33	4898^35	4939^36
-20	78.3	4765^33	4890^35	4932^36
-30	76.7	4751^33	4880^35	4924^35

ALT TO-1 - WET RWY — Flaps **9**

OAT °C	-10T	+0	+10H	Dry Rwy Climb Limit
48	4307F14	4604F23	4669^26	4723
46	4380F14	4682F24	4782^27	4842
44	4425F15	4730F24	4835F27	4900
42	4442F15	4749F25	4854F28	4947
40	4459F16	4767F25	4873F28	4959
38	4471F16	4780F25	4886F28	4961
36	4483F16	4793F26	4900F29	4962
34	4496F17	4807F26	4914F29	4964
32	4509F17	4821F26	4927F29	4966
30	4522F17	4835F27	4933^30	4968
20	4588F19	4901^28	4941D32	4976
10	4654F21	4896D31	4934D34	4973
0	4728F23	4901D33	4940D36	4984
-10	4773^25	4898D35	4939D36	4988
-20	4765D27	4890D35	4932D36	4985
-30	4751D30	4880D35	4924D36	4983

High QNH **+0** per .10" — Low QNH **-170** per .10"

Engine A/I ON **-850** — Wing A/I ON **-850**

A/C **AUTO**

TO - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	4489F29	4649^32	4682^32
46	90.9	4568F30	4765^33	4797^34
44	90.8	4645F31	4871^35	4904^35
42	90.5	4716F32	4977^36	5011^37
40	90.2	4757F32	5029F37	5071A37
38	90.0	4796F32	5071A37	5071A37
36	89.7	4834F33	5071A37	5071A37
34	89.4	4859F33	5071A37	5071A37
32	89.1	4872F33	5071A37	5071A37
30	88.8	4882F33	5071A36	5071A36
20	87.3	4946F34	5071A36	5071A36
10	85.8	5010F36	5071A36	5071A36
0	84.2	5071A36	5071A36	5071A36
-10	82.7	5071A36	5071A36	5071A36
-20	81.1	5071A36	5071A36	5071A36
-30	79.5	5071A36	5071A36	5071A36

TO - WET RWY — Flaps **9**

OAT °C	-10T	+0	+10H	Dry Rwy Climb Limit
48	4379F15	4646^25	4682D28	4724
46	4454F16	4760^25	4797^29	4844
44	4524F16	4841F26	4902^29	4949
42	4589F17	4910F27	5006^30	5053
40	4633F17	4957F27	5068F30	5071
38	4677F17	5000F27	5071A30	5071
36	4721F17	5045F27	5071A31	5071
34	4749F18	5071A27	5071A31	5071
32	4763F18	5071A28	5071A32	5071
30	4777F18	5071A28	5071A32	5071
20	4846F20	5071A30	5071A34	5071
10	4915F22	5071A33	5071A36	5071
0	4992F24	5071A35	5071A36	5071
-10	5071A26	5071A36	5071A36	5071
-20	5071A28	5071A36	5071A36	5071
-30	5071A31	5071A36	5071A36	5071

High QNH **+0** per .10" — Low QNH **-180** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

A/C **AUTO**

TO - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	4489F29-29-38	4649^32-32-41	4682^32-32-41	4715^33-33-42
46	90.9	4568F30-30-40	4765^33-33-42	4797^34-34-43	4831^34-34-43
44	90.8	4645F31-31-41	4871^35-35-44	4904^35-35-44	4938^36-36-45
42	90.5	4716F32-32-42	4977^36-36-45	5011^37-37-46	5044^37-37-46
40	90.2	4757F32-32-42	5029F37-37-46	5071A37-37-47	5071A37-37-47
38	90.0	4796F32-32-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
36	89.7	4834F33-33-43	5071A37-37-47	5071A37-37-47	5071A37-37-47
34	89.4	4859F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
32	89.1	4872F33-33-44	5071A37-37-47	5071A37-37-47	5071A37-37-47
30	88.8	4882F33-33-44	5071A36-36-47	5071A36-36-47	5071A36-36-47
20	87.3	4946F34-34-45	5071A36-36-47	5071A36-36-47	5071A36-36-47
10	85.8	5010F36-36-46	5071A36-36-47	5071A36-36-47	5071A36-36-47
0	84.2	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-10	82.7	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-20	81.1	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47
-30	79.5	5071A36-36-47	5071A36-36-47	5071A36-36-47	5071A36-36-47

High QNH **+0** per .10" — Low QNH **-180** per .10"

Engine A/I ON **+0** — Wing A/I ON **+0**

ALL DATA BASED ON TO UNLESS OTHERWISE NOTED

Elevation	26	Length	8222	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.16
Rwy Rev.		Program						Rules	FAA		**07 Feb 19**

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A/C **AUTO**

OAT °C	DRY - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4489F29	4649^32	4682^32	4477F29	4642^31	4675^32			
46	4568F30	4765^33	4797^34	4556F30	4757^33	4789^34			
44	4645F31	4871^35	4904^35	4626F30	4862^34	4896^35			
42	4716F32	4977^36	5011^37	4685F31	4952F36	5001^36			
40	4757F32	5029F37	5071A37	4744F32	5015F36	5071A37			
38	4796F32	5071A37	5071A37	4782F32	5057F37	5071A37			
36	4834F33	5071A37	5071A37	4821F33	5071A37	5071A37			
34	4859F33	5071A37	5071A37	4846F33	5071A37	5071A37			
32	4872F33	5071A37	5071A37	4858F33	5071A37	5071A37			
30	4882F33	5071A36	5071A36	4871F33	5071A37	5071A37			
20	4946F34	5071A36	5071A36	4934F34	5071A36	5071A36			
10	5010F36	5071A36	5071A36	4973F35	5071A37	5071A37			
0	5071A36	5071A36	5071A36	5036F36	5071A37	5071A37			
-10	5071A36	5071A36	5071A36	5071A37	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -180 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	WET - 1 FLP CHNL INOP Flaps 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
48	4379F15	4646^25	4682D28	4370F15	4639^25	4675D28			
46	4454F16	4760^25	4797^29	4445F16	4752^25	4789^29			
44	4524F16	4841F26	4902^29	4510F16	4825F26	4893^29			
42	4589F17	4910F27	5006^30	4568F17	4886F26	4995F29			
40	4633F17	4957F27	5068F30	4624F17	4947F27	5056F30			
38	4677F17	5000F27	5071A30	4667F17	4991F27	5071A30			
36	4721F17	5045F27	5071A31	4711F17	5034F27	5071A30			
34	4749F18	5071A27	5071A31	4740F18	5063F27	5071A31			
32	4763F18	5071A28	5071A32	4754F18	5071A28	5071A31			
30	4777F18	5071A28	5071A32	4768F18	5071A28	5071A32			
20	4846F20	5071A30	5071A34	4837F20	5071A30	5071A34			
10	4915F22	5071A33	5071A36	4881F22	5071A33	5071A36			
0	4992F24	5071A35	5071A36	4952F24	5071A35	5071A37			
-10	5071A26	5071A36	5071A36	5025F26	5071A37	5071A37			
	High QNH +0 per .10" Low QNH -170 per .10"			High QNH +0 per .10" Low QNH -170 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

OAT °C	LEVEL 1 CONTAM Flaps 9 -10T	+0	+10H	LEVEL 2 CONTAM Flaps 22 -10T	+0	+10H	LEVEL 3 CONTAM Flaps -10T	+0	+10H
28		4490F 6	4581F 9	3762F 1	4196F 9	4328F11			
26		4502F 6	4594F 9	3776F 1	4212F 9	4344F12			
24		4513F 7	4607F10	3788F 1	4228F 9	4360F12			
22		4526F 7	4619F10	3801F 1	4244F10	4376F12			
20	2695F 4	4538F 7	4632F11	3814F 2	4259F10	4391F13			
18	2876F 3	4550F 8	4645F11	3826F 2	4273F10	4406F13			
16	3030F 3	4560F 8	4657F11	3839F 2	4287F11	4421F13			
14	3176F 3	4573F 8	4670F12	3856F 3	4302F11	4436F14			
12	3318F 3	4585F 9	4681F12	3870F 3	4317F11	4451F14			
10	3458F 2	4597F 9	4693F13	3886F 3	4333F11	4468F14			
0	4139F 2	4667F11	4768F15	3971F 5	4419F13	4553F16			
-10	4360F 3	4735F13	4841F17	4060F 6	4498F15	4608^18			
-20	4502F 5	4807F16	4916F19	4171F 8	4543^17	4610^18			
-30	4570F 7	4880F18	4993F21	4249F 9	4547^17	4600^18			
	High QNH +90 per .10" Low QNH -100 per .10"			High QNH +80 per .10" Low QNH -110 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -460 Wing A/I ON -460			Engine A/I ON -560 Wing A/I ON -560			Engine A/I ON Wing A/I ON		

Elevation	26	Length	8222	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.16
Rwy Rev.		Program						Rules	FAA		**07 Feb 19**

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LANDING DATA

MAXIMUM LANDING WEIGHT - FIELD LENGTH LIMIT - DISPATCH

Dry Runway

EMB-145

Flaps 22

	Corrected Landing Distance Available (ft)								
	Landing Weight (lb)								
P.A.	**4200**	**4400**	**4600**	**4800**	**5000**	**5200**	**5400**	**5600**	**5800**
8500						27510	28890	30330	31730
8000					26550	27950	29370	30830	32250
7500					26970	28380	29850	31320	32760
7000					27390	28840	30340	31820	33270
6500					27820	29310	30830	32320	33750
6000				26770	28260	29790	31330	32840	34260
5500				27190	28690	30270	31820	33330	34760
5000				27610	29160	30760	32320	33830	35270
4500			26490	28040	29630	31240	32830	34320	35810
4000			26900	28470	30110	31740	33330	34820	36360
3500			27300	28910	30580	32220	33800	35320	36910
3000			27720	29370	31060	32720	34290	35860	37470
2500		26490	28130	29830	31540	33210	34780	36390	38020
2000		26890	28560	30300	32020	33690	35280	36940	38580
1500		27280	28990	30760	32500	34160	35800	37480	39140
1000		27680	29440	31230	32990	34640	36330	38030	39710
500		28090	29890	31700	33450	35120	36860	38580	40250
0	26740	28500	30350	32170	33920	35630	37400	39140	40820

	Landing Weight (lb)								
P.A.	**5800**	**6000**	**6200**	**6400**	**6600**	**6800**	**7000**	**7200**	**7400**
8500	31730	33120	34410	35720	37060	38370	39670	40900	42120
8000	32250	33620	34930	36280	37640	38960	40250	41500	42760
7500	32760	34110	35460	36840	38200	39550	40830	42110	43390
7000	33270	34630	36010	37420	38790	40140	41440	42740	44040
6500	33750	35140	36560	37980	39380	40720	42040	43360	44660
6000	34260	35680	37130	38560	39970	41310	42660	44010	45310
5500	34760	36220	37690	39140	40540	41910	43290	44640	45960
5000	35270	36780	38270	39740	41130	42530	43930	45280	46620
4500	35810	37340	38840	40300	41720	43150	44560	45930	47270
4000	36360	37910	39430	40890	42340	43790	45200	46580	47940
3500	36910	38470	40000	41470	42940	44410	45830	47220	48600
3000	37470	39040	40570	42070	43570	45040	46480	47890	49280
2500	38020	39620	41140	42670	44190	45670	47120	48550	49950
2000	38580	40180	41730	43290	44820	46310	47780	49220	50640
1500	39140	40740	42310	43900	45430	46940	48430	49880	51310
1000	39710	41310	42920	44520	46070	47590	49090	50570	52000
500	40250	41880	43520	45120	46690	48230	49750	51230	52690
0	40820	42470	44140	45750	47330	48890	50430	51920	52910

See Adjustments On Next Page

MAXIMUM LANDING WEIGHT - FIELD LENGTH LIMIT - DISPATCH

Dry Runway

EMB-145

Flaps 22

Corrections to Landing Distance Available

Condition	Correction
Wet Runway	x 0.87
Headwind (30 kts max)	+ 23 ft/kt
Tailwind (10 kts max)	- 108 ft/kt

Instructions:

1. Correct landing distance available for non-normals.
2. Correct landing distance available for winds.
3. Determine field length limited weight using corrected landing dist. available.

MAXIMUM LANDING WEIGHT - FIELD LENGTH LIMIT - DISPATCH

Dry Runway

EMB-145

Flaps 45

	Corrected Landing Distance Available (ft)												
	Landing Weight (lb)												
P.A.	**3300**	**3500**	**3700**	**3900**	**4100**	**4300**	**4500**	**4700**	**4900**	**5100**	**5300**	**5500**	**5700**
8500					27760	29630	31520	33430	35400	37300	39190	41070	42940
8000					28210	30110	32030	33990	35980	37920	39840	41750	43650
7500				26740	28650	30580	32530	34540	36560	38530	40470	42410	44350
7000				27170	29110	31070	33040	35110	37170	39160	41130	43100	45060
6500				27590	29560	31550	33580	35680	37770	39780	41790	43790	45780
6000				28030	30030	32050	34130	36270	38390	40430	42470	44500	46510
5500			26460	28470	30500	32550	34680	36880	39000	41070	43140	45200	47250
5000			26880	28920	30980	33060	35240	37520	39630	41740	43840	45930	48000
4500			27290	29360	31460	33590	35820	38100	40260	42400	44530	46650	48760
4000			27720	29820	31950	34130	36430	38710	40900	43080	45240	47390	49530
3500			28140	30270	32430	34670	37030	39320	41540	43750	45940	48130	50290
3000			28570	30730	32920	35220	37630	39950	42200	44440	46670	48880	51080
2500		26820	29000	31200	33430	35790	38220	40580	42860	45130	47390	49630	51860
2000		27230	29440	31670	33960	36380	38850	41220	43530	45840	48130	50410	52670
1500		27630	29870	32140	34480	36950	39480	41850	44200	46530	48860	51180	52910
1000		28040	30310	32610	35010	37550	40100	42500	44880	47250	49620	51960	52910
500		28450	30750	33090	35550	38150	40700	43140	45560	47970	50370	52750	52910
0	26550	28870	31210	33600	36120	38760	41330	43810	46270	48710	51140	52910	52910

See Adjustments On Next Page

MAXIMUM LANDING WEIGHT - FIELD LENGTH LIMIT - DISPATCH

Dry Runway
EMB-145
Flaps 45

Corrections to Landing Distance Available

Condition	Correction
Wet Runway	x 0.87
Headwind (30 kts max)	+ 19 ft/kt
Tailwind (10 kts max)	- 87 ft/kt

Instructions:

1. Correct landing distance available for non-normals.
2. Correct landing distance available for winds.
3. Determine field length limited weight using corrected landing dist. available.

UNFACTORED LANDING DISTANCE - INFLIGHT USE ONLY

Dry Runway

EMB-145

Flaps 22

	Landing Weight (1000 lb)						
	Dry Runway Landing Distance (ft)						
P.A.	**27**	**29**	**31**	**33**	**35**	**37**	**39**
8500	3075	3249	3417	3589	3774	3955	4138
8000	3038	3209	3374	3544	3726	3903	4083
7500	3003	3171	3334	3500	3679	3854	4031
7000	2967	3133	3293	3457	3633	3804	3978
6500	2933	3096	3253	3415	3588	3757	3928
6000	2899	3059	3214	3373	3544	3709	3877
5500	2865	3023	3176	3333	3500	3663	3828
5000	2832	2988	3138	3292	3457	3617	3780
4500	2800	2953	3102	3253	3416	3573	3733
4000	2768	2919	3065	3214	3374	3529	3686
3500	2737	2886	3030	3177	3335	3487	3641
3000	2707	2854	2995	3140	3295	3445	3597
2500	2677	2822	2962	3104	3257	3405	3554
2000	2648	2791	2928	3068	3219	3364	3511
1500	2620	2761	2896	3034	3183	3326	3470
1000	2592	2731	2864	3000	3146	3287	3429
500	2565	2702	2833	2968	3111	3250	3390
0	2538	2673	2802	2935	3076	3213	3350

	Dry Runway Landing Distance (ft)						
P.A.	**41**	**43**	**45**	**47**	**49**	**51**	**53**
8500	4330	4526	4725	4933	4951	4951	4951
8000	4272	4463	4659	4862	4938	4938	4938
7500	4216	4404	4596	4795	4896	4896	4896
7000	4160	4344	4532	4727	4827	4827	4827
6500	4106	4287	4472	4663	4761	4761	4761
6000	4052	4230	4411	4599	4694	4694	4694
5500	4000	4175	4353	4537	4631	4631	4631
5000	3949	4120	4295	4475	4567	4567	4567
4500	3899	4067	4239	4416	4506	4506	4506
4000	3849	4015	4183	4357	4445	4445	4445
3500	3802	3965	4130	4300	4387	4387	4387
3000	3755	3914	4077	4244	4329	4329	4329
2500	3709	3866	4026	4190	4274	4274	4274
2000	3664	3818	3975	4136	4218	4218	4218
1500	3620	3772	3926	4085	4165	4165	4165
1000	3577	3726	3877	4033	4113	4113	4113
500	3535	3682	3831	3984	4062	4062	4062
0	3493	3638	3784	3935	4011	4011	4011

See Adjustments On Next Page

UNFACTORED LANDING DISTANCE - INFLIGHT USE ONLY

Dry Runway

EMB-145

Flaps 22

Adjustments

Condition	Correction
Headwind	- 14 ft/kt
Tailwind	+ 70 ft/kt
Wet runway	x 1.15

Instructions:

1. Determine landing distance from table.
2. Correct for winds.
3. Correct for non-normals.

UNFACTORED LANDING DISTANCE - INFLIGHT USE ONLY

Dry Runway

EMB-145

Flaps 45

	Landing Weight (1000 lb)						
	Dry Runway Landing Distance (ft)						
P.A.	**27**	**29**	**31**	**33**	**35**	**37**	**39**
8500	2411	2540	2667	2794	2916	3041	3168
8000	2383	2510	2636	2761	2880	3003	3128
7500	2356	2482	2606	2729	2847	2967	3089
7000	2330	2453	2576	2698	2814	2930	3051
6500	2304	2426	2547	2667	2781	2895	3013
6000	2278	2398	2518	2636	2749	2860	2976
5500	2252	2372	2490	2606	2718	2826	2940
5000	2227	2345	2461	2577	2687	2793	2904
4500	2203	2319	2434	2548	2657	2761	2870
4000	2179	2293	2407	2519	2626	2729	2836
3500	2156	2269	2381	2492	2598	2699	2803
3000	2132	2244	2355	2464	2569	2669	2770
2500	2110	2220	2329	2437	2541	2639	2739
2000	2087	2196	2304	2411	2513	2610	2707
1500	2066	2174	2280	2386	2486	2582	2677
1000	2045	2151	2256	2360	2459	2554	2647
500	2024	2129	2233	2336	2434	2527	2619
0	2003	2107	2209	2311	2408	2500	2591

	Dry Runway Landing Distance (ft)						
P.A.	**41**	**43**	**45**	**47**	**49**	**51**	**53**
8500	3295	3424	3553	3683	3695	3695	3695
8000	3253	3379	3506	3634	3681	3681	3681
7500	3212	3336	3461	3587	3650	3650	3650
7000	3172	3294	3416	3540	3602	3602	3602
6500	3133	3252	3373	3494	3555	3555	3555
6000	3094	3211	3330	3449	3509	3509	3509
5500	3056	3172	3288	3406	3464	3464	3464
5000	3018	3132	3247	3362	3420	3420	3420
4500	2982	3094	3207	3320	3377	3377	3377
4000	2945	3056	3167	3278	3334	3334	3334
3500	2911	3019	3128	3238	3293	3293	3293
3000	2876	2983	3090	3198	3252	3252	3252
2500	2842	2948	3053	3159	3213	3213	3213
2000	2809	2912	3016	3121	3173	3173	3173
1500	2777	2879	2981	3084	3135	3135	3135
1000	2745	2845	2946	3047	3098	3098	3098
500	2715	2813	2912	3012	3061	3061	3061
0	2684	2781	2878	2976	3025	3025	3025

See Adjustments On Next Page

UNFACTORED LANDING DISTANCE - INFLIGHT USE ONLY

Dry Runway

EMB-145

Flaps 45

Adjustments

Condition	Correction
Headwind	- 12 ft/kt
Tailwind	+ 55 ft/kt
Wet runway	x 1.15

Instructions:

1. Determine landing distance from table.
2. Correct for winds.
3. Correct for non-normals.

MAXIMUM LANDING WEIGHT - CLIMB LIMITS

EMB-145 AE3007A1P

A/C OFF

Flaps 22

	Temperature (°C)								
	Weight (lb)								
P.A.	**-18**	**-14**	**-10**	**-6**	**-2**	**2**	**6**	**10**	**14**
8500	47220	47210	47210	47270	47290	47270	47250	47220	47180
8000	47810	47790	47750	47870	47880	47850	47830	47810	47770
7500	48400	48370	48340	48420	48460	48450	48420	48390	48360
7000	48990	48960	48930	48980	49030	49040	49010	48980	48940
6500	49570	49570	49610	49610	49580	49590	49600	49580	49540
6000	50190	50190	50170	50140	50220	50250	50230	50190	50160
5500	50750	50760	50730	50700	50730	50770	50810	50770	50740
5000	51320	51320	51300	51270	51240	51290	51380	51350	51320
4500	51320	51320	51300	51270	51240	51290	51380	51350	51320
4000	51320	51320	51300	51270	51240	51290	51380	51350	51320
3500	51400	51400	51400	51380	51340	51360	51410	51360	51400
3000	51480	51480	51500	51490	51450	51430	51430	51380	51470
2500	51500	51500	51530	51520	51490	51460	51430	51380	51470
2000	51520	51520	51570	51560	51530	51490	51430	51380	51470
1500	51520	51520	51570	51560	51530	51490	51430	51380	51470
1000	51520	51520	51570	51560	51530	51490	51430	51380	51470
500	51520	51520	51570	51560	51530	51490	51430	51380	51470
0	51520	51520	51570	51560	51530	51490	51430	51380	51470

	Weight (lb)								
P.A.	**14**	**18**	**22**	**26**	**30**	**34**	**38**	**42**	**46**
8500	47180	46750	45470	43670	41940				
8000	47770	47520	46440	44640	42940	41230			
7500	48360	48210	47430	45630	43910	42190			
7000	48940	48900	48410	46610	44880	43170			
6500	49540	49120	48480	47610	45860	44130			
6000	50160	50110	50070	48650	46820	45110	43310		
5500	50740	50700	50660	49690	47830	46100	44280		
5000	51320	51290	51260	50750	48830	47110	45260		
4500	51320	51290	51260	50950	49840	48030	46170		
4000	51320	51290	51260	51150	50810	49010	47090	45080	
3500	51400	51370	51330	51250	51060	49960	48040	45990	
3000	51470	51440	51400	51360	51310	50920	49000	46910	
2500	51470	51440	51400	51360	51310	51100	49970	47840	
2000	51470	51440	51400	51360	51310	51280	50950	48790	46500
1500	51470	51440	51400	51360	51310	51280	51100	49770	47400
1000	51470	51440	51400	51360	51310	51280	51260	50760	48350
500	51470	51440	51400	51360	51310	51280	51260	50970	49350
0	51470	51440	51400	51360	51310	51280	51260	51180	50400

See Adjustments On Next Page

MAXIMUM LANDING WEIGHT - CLIMB LIMITS

EMB-145 AE3007A1P

A/C OFF

Flaps 22

Adjustments

Condition	Correction (lb)
Anti-Ice On	- 7,250
A/I Off - A/I Valve INOP Open	- 460
A/I On - A/I Valve INOP Open	- 7,260
Enroute icing	- 8,050
Landing Gear Extended	- 12,810

MAXIMUM LANDING WEIGHT - CLIMB LIMITS

EMB-145 AE3007A1P

A/C OFF

Flaps 45

	Temperature (°C)								
	Weight (lb)								
P.A.	**-18**	**-14**	**-10**	**-6**	**-2**	**2**	**6**	**10**	**14**
8500	47220	47210	47210	47270	47290	47270	47250	47220	47180
8000	47810	47790	47750	47870	47880	47850	47830	47810	47770
7500	48400	48370	48340	48420	48460	48450	48420	48390	48360
7000	48990	48960	48930	48980	49030	49040	49010	48980	48940
6500	49570	49570	49610	49610	49580	49590	49600	49580	49540
6000	50190	50190	50170	50140	50220	50250	50230	50190	50160
5500	50750	50760	50730	50700	50730	50770	50810	50770	50740
5000	51320	51320	51300	51270	51240	51290	51380	51350	51320
4500	51320	51320	51300	51270	51240	51290	51380	51350	51320
4000	51320	51320	51300	51270	51240	51290	51380	51350	51320
3500	51400	51400	51400	51380	51340	51360	51410	51360	51400
3000	51480	51480	51500	51490	51450	51430	51430	51380	51470
2500	51500	51500	51530	51520	51490	51460	51430	51380	51470
2000	51520	51520	51570	51560	51530	51490	51430	51380	51470
1500	51520	51520	51570	51560	51530	51490	51430	51380	51470
1000	51520	51520	51570	51560	51530	51490	51430	51380	51470
500	51520	51520	51570	51560	51530	51490	51430	51380	51470
0	51520	51520	51570	51560	51530	51490	51430	51380	51470

	Weight (lb)								
P.A.	**14**	**18**	**22**	**26**	**30**	**34**	**38**	**42**	**46**
8500	47180	46750	45470	43670	41940				
8000	47770	47520	46440	44640	42940	41230			
7500	48360	48210	47430	45630	43910	42190			
7000	48940	48900	48410	46610	44880	43170			
6500	49540	49120	48480	47610	45860	44130			
6000	50160	50110	50070	48650	46820	45110	43310		
5500	50740	50700	50660	49690	47830	46100	44280		
5000	51320	51290	51260	50750	48830	47110	45260		
4500	51320	51290	51260	50950	49840	48030	46170		
4000	51320	51290	51260	51150	50810	49010	47090	45080	
3500	51400	51370	51330	51250	51060	49960	48040	45990	
3000	51470	51440	51400	51360	51310	50920	49000	46910	
2500	51470	51440	51400	51360	51310	51100	49970	47840	
2000	51470	51440	51400	51360	51310	51280	50950	48790	46500
1500	51470	51440	51400	51360	51310	51280	51100	49770	47400
1000	51470	51440	51400	51360	51310	51280	51260	50760	48350
500	51470	51440	51400	51360	51310	51280	51260	50970	49350
0	51470	51440	51400	51360	51310	51280	51260	51180	50400

See Adjustments On Next Page

MAXIMUM LANDING WEIGHT - CLIMB LIMITS

EMB-145 AE3007A1P

A/C OFF

Flaps 45

Adjustments

Condition	Correction (lb)
Anti-Ice On	- 7,250
A/I Off - A/I Valve INOP Open	- 460
A/I On - A/I Valve INOP Open	- 7,260
Enroute icing	- 8,050
Landing Gear Extended	- 12,810

MAXIMUM QUICK TURNAROUND WEIGHT

EMB-145

Flaps 22

	Temperature (°C)								
	Weight (lb)								
P.A.	**-18**	**-14**	**-10**	**-6**	**-2**	**2**	**6**	**10**	**14**
8500	40040	39710	39380	39060	38740	38430	38130	37830	37540
8000	40450	40110	39780	39460	39140	38830	38530	38230	37930
7500	40860	40520	40190	39870	39550	39230	38930	38630	38330
7000	41280	40930	40590	40270	39950	39640	39330	39020	38730
6500	41700	41350	41000	40670	40350	40040	39730	39420	39120
6000	42120	41760	41420	41080	40760	40440	40130	39820	39520
5500	42550	42190	41840	41500	41170	40840	40530	40220	39920
5000	42980	42610	42260	41920	41580	41250	40930	40620	40320
4500	43410	43040	42690	42340	42000	41670	41340	41030	40720
4000	43850	43480	43110	42760	42420	42080	41760	41440	41120
3500	44290	43910	43550	43190	42840	42500	42170	41850	41530
3000	44730	44350	43980	43620	43270	42930	42590	42260	41940
2500	45180	44800	44420	44060	43700	43350	43010	42680	42360
2000	45630	45240	44860	44490	44130	43780	43440	43100	42770
1500	46070	45680	45300	44930	44570	44210	43860	43520	43190
1000	46510	46130	45750	45370	45010	44650	44290	43950	43610
500	46960	46570	46190	45810	45440	45080	44730	44380	44040
0	47410	47010	46630	46250	45880	45520	45160	44810	44470

	Weight (lb)								
P.A.	**14**	**18**	**22**	**26**	**30**	**34**	**38**	**42**	**46**
8500	37540	37260	36980	36710	36440				
8000	37930	37640	37360	37090	36820	36560			
7500	38330	38040	37750	37480	37200	36940			
7000	38730	38440	38150	37860	37590	37320			
6500	39120	38830	38540	38260	37980	37710			
6000	39520	39230	38940	38650	38370	38100	37820		
5500	39920	39620	39330	39050	38760	38490	38220		
5000	40320	40020	39730	39440	39160	38880	38610		
4500	40720	40420	40130	39840	39550	39270	39000		
4000	41120	40820	40520	40230	39950	39670	39390	39120	
3500	41530	41220	40920	40630	40340	40060	39780	39510	
3000	41940	41630	41320	41020	40730	40450	40170	39900	
2500	42360	42040	41730	41430	41130	40840	40560	40290	
2000	42770	42450	42140	41830	41540	41240	40960	40680	40400
1500	43190	42870	42550	42240	41940	41640	41350	41070	40790
1000	43610	43280	42960	42650	42340	42040	41750	41460	41180
500	44040	43710	43380	43070	42760	42450	42160	41870	41580
0	44470	44130	43800	43480	43170	42860	42560	42270	41980

See Adjustments On Next Page

MAXIMUM QUICK TURNAROUND WEIGHT

EMB-145

Flaps 22

Adjustments

Condition	Correction
Headwind	+ 110 lb/kt
Tailwind	- 3,850 lb/kt
Upslope (2% max)	+ 550 lb per 1%
Downslope (-2% max)	- 670 lb per 1%

Instructions:

1. Determine landing weight from table.
2. Correct for winds and slope.
3. Correct for non-normals.

Note: This data is provided for use when Brake Temperature Indicators are inoperative. Refer to MEL for applicability. After landings with weights exceeding those shown above, a subsequent takeoff must not be scheduled for at least 36 minutes, after which it must be ascertained that wheel thermal plugs have not melted.

MAXIMUM QUICK TURNAROUND WEIGHT

EMB-145

Flaps 45

	Temperature (°C)								
	Weight (lb)								
P.A.	**-18**	**-14**	**-10**	**-6**	**-2**	**2**	**6**	**10**	**14**
8500	42620	42270	41930	41590	41270	40950	40640	40340	40040
8000	43040	42690	42350	42010	41680	41360	41050	40750	40450
7500	43470	43120	42770	42430	42100	41780	41460	41150	40850
7000	43900	43550	43200	42850	42520	42190	41870	41560	41260
6500	44340	43980	43620	43280	42940	42610	42290	41970	41670
6000	44780	44410	44050	43710	43370	43030	42710	42390	42080
5500	45220	44850	44490	44140	43790	43460	43130	42810	42490
5000	45670	45290	44930	44570	44230	43890	43550	43230	42910
4500	46110	45740	45370	45010	44660	44320	43980	43650	43330
4000	46560	46180	45810	45450	45100	44750	44410	44080	43750
3500	47020	46630	46260	45890	45530	45180	44840	44510	44180
3000	47470	47080	46700	46330	45970	45620	45270	44930	44600
2500	47930	47540	47150	46780	46420	46060	45710	45370	45030
2000	48390	47990	47600	47230	46860	46500	46150	45800	45460
1500	48850	48450	48060	47680	47310	46940	46590	46240	45900
1000	49320	48910	48510	48130	47760	47390	47030	46680	46330
500	49790	49380	48980	48590	48210	47840	47470	47120	46770
0	50250	49840	49440	49050	48660	48290	47920	47560	47210

	Weight (lb)								
P.A.	**14**	**18**	**22**	**26**	**30**	**34**	**38**	**42**	**46**
8500	40040	39750	39470	39190	38920				
8000	40450	40150	39870	39580	39310	39040			
7500	40850	40550	40260	39980	39700	39430			
7000	41260	40960	40660	40380	40100	39820			
6500	41670	41360	41070	40780	40500	40220			
6000	42080	41770	41470	41180	40890	40610	40340		
5500	42490	42180	41880	41590	41300	41010	40740		
5000	42910	42600	42290	42000	41700	41420	41140		
4500	43330	43020	42710	42410	42110	41820	41540		
4000	43750	43440	43120	42820	42520	42230	41940	41660	
3500	44180	43860	43540	43240	42930	42640	42350	42070	
3000	44600	44280	43960	43650	43350	43050	42760	42470	
2500	45030	44710	44390	44070	43770	43460	43170	42880	
2000	45460	45140	44810	44490	44180	43880	43580	43290	43000
1500	45900	45560	45240	44920	44600	44300	44000	43700	43410
1000	46330	46000	45670	45340	45030	44720	44410	44110	43820
500	46770	46430	46100	45770	45450	45140	44830	44530	44240
0	47210	46870	46530	46200	45880	45560	45250	44950	44650

See Adjustments On Next Page

MAXIMUM QUICK TURNAROUND WEIGHT

EMB-145

Flaps 45

Adjustments

Condition	Correction
Headwind	+ 90 lb/kt
Tailwind	- 490 lb/kt
Upslope (2% max)	+ 530 lb per 1%
Downslope (-2% max)	- 610 lb per 1%

Instructions:

1. Determine landing weight from table.
2. Correct for winds and slope.
3. Correct for non-normals.

Note: This data is provided for use when Brake Temperature Indicators are inoperative. Refer to MEL for applicability. After landings with weights exceeding those shown above, a subsequent takeoff must not be scheduled for at least 36 minutes, after which it must be ascertained that wheel thermal plugs have not melted.

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