(AFAC-2020-290-018-B; 16582/23)
Agencia Federal de Aviación Civil
Dirección Ejecutiva de Aviación
Dirección de Aviación
Coordinación de Ingeniería de Operaciones

4.1. 4. OPS. -6473/23

Ciudad de México, a 22 de noviembre de 2023
ASUNTO: Autorización rev. 21 al MAP

Link Conexión Aérea, S.A. de C.V.
Blvd. Bernardo Quintana CS 9800,
Piso 7-B706, Centro Sur
C.P. 76090, Querétaro, Qro.

C. Oscar Medina Contreras
Representante Legal

En atención a su escrito con referencia TAR-174, recibido el 17 de noviembre del año en curso y de acuerdo a lo establecido en el Reglamento de la Ley de Aviación Civil y las Normas Oficiales Mexicanas, se devuelven debidamente aprobadas las siguientes Enmiendas, no teniendo inconveniente en su uso operacional:

Manual	Revisión No.
Análisis de Pista ***Performance Handbook*** **Aeronave Embraer ERJ145, número de serie 145481 con matrículas XA-RFH** **Aeronave Embraer ERJ145, número de serie 145418 con matrícula XA-VGO** (Motores AE3007A1) Los cambios significativos son: Incluyen la aeronave con matrícula XA-VGQ y actualizan pesos en los aeropuertos que opera la empresa.	**21** **NOV 2023**

Se devuelve un cd, otra copia en electrónico (cd) del manual antes señalado queda en poder del archivo de esta Dirección, debiendo entregar la copia en electrónica anexa al presente a la Comandancia de su base de operaciones, para mantener actualizado el Manual correspondiente en poder de dicha Comandancia de Aeropuerto.

Atentamente

Mtro. Francisco Rubio Castro
Director de Aviación

Ventanilla Única de Servicios AFAC 29 NOV 2023 SALIDA

C.c. Director General de la Agencia Federal de Aviación Civil. Para su superior conocimiento. Presente
Director Ejecutivo de Seguridad Aérea. Mismo fin. Presente
Director Ejecutivo de Aviación. Para su conocimiento. Presente
Comandancia Regional III Guadalajara.- Apto. Internacional de la Ciudad de Guadalajara – Terminal-II, C.P. 45659, GDL., Jal.- Mismo fin. Presente
Comandante del Apto. "Intercontinental de Querétaro" – Km. 22.5, Municipio Colon, C.P. 76270, Querétaro, Qro.- Mismo fin. Presente

*JALA*GAMA*JJ
\\310jrobertoh01\01_RAIZ\01_NAC\L\LINK CONEXIÓN AÉREA S.A. DE C.V\2023\Manual Analisis de Pista\Rev 21 motor AE3007A1\16582-23 OF APROB REV 21 MAP AE3007A1.docx

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 AE3007A1
(XA-RHF, XA-VGQ)
REV 21, NOVIEMBRE 2023

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CONTROL AND BULLETIN LIST

Revision Control

REVISION	REVISION DATE	ADDING DATE	NAME
REV. 1	APR/22/14	JUN/10/14	E.A.
REV. 2	SEP/27/14	SEP/27/14	ABH
REV. 3	FEB/19/15	FEB/19/15	ABH
REV. 4	SEP/04/15	SEP/04/15	ABH
REV. 5	OCT/13/15	OCT/13/15	ABH
REV. 6	APR/21/16	APR/21/16	ABH
REV. 7	MAY/25/16	MAY/25/16	ABH
REV. 8	SEP/30/16	SEP/30/16	ABH
REV. 9	OCT/28/16	OCT/28/16	ABH
REV. 10	ENE/03/17	ENE/03/17	ABH
REV. 11	MAR/01/17	MAR/01/17	ABH
REV. 12	JUN/26/17	JUN/26/17	ABH
REV. 13	NOV/01/17	NOV/01/17	ABH
REV.14	ABR/16/18	ABR/16/18	ABH
REV.15	MAY/21/18	MAY/21/18	ABH
REV. 16	MAY/02/19	MAY/02/19	ABH
REV. 17	MAR/09/20	MAR/09/20	ABH
REV. 18	JUL/09/20	JUL/09/20	ABH
REV. 19	JAN/04/21	JAN/04/21	ABH
REV. 20	MAR/21/22	MAR/21/22	AEOL
REV. 21	NOV/16/23	MAR/16/23	FEAH

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Bulletin List

BULLETIN	DATE	ADDING DATE	NAME

Descripción de Cambios Realizados

Revisión: 21
Fecha: Noviembre 2023

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 esta revisión, es indicado en la relación que se muestra a continuación:

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6	*Descripción de Cambios*
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118-125	*Actualización GDL*
126-129	*Actualización HMO*
136,137,140,141	*Actualización BJX*
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162,163	*Actualización MXL*
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186-189	*Actualización OAX*
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206-209	*Actualización PVR*
210-213	*Actualización QRO*
222-225	*Actualización SJD*
226-229	*Actualización SLP*
234-237	*Actualización TAP*
242-245	*Actualización TIJ*
250-253	*Actualización TRC*
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2	FEB 15	03	52	NOV 23	21	102	NOV 23	21
3	NOV 23	21	53	NOV 23	21	103	NOV 23	21
4	FEB 15	03	54	NOV 23	21	104	NOV 23	21
5	FEB 15	03	55	NOV 23	21	105	NOV 23	21
6	NOV 23	21	56	NOV 23	21	106	MAR 22	20
7	FEB 15	03	57	NOV 23	21	107	MAR 22	20
8	NOV 23	21	58	NOV 23	21	108	MAR 22	20
9	NOV 23	21	59	NOV 23	21	109	MAR 22	20
10	FEB 15	03	60	NOV 23	21	110	NOV 23	21
11	FEB 15	03	61	NOV 23	21	111	NOV 23	21
12	FEB 15	03	62	NOV 23	21	112	NOV 23	21
13	MAY18	15	63	NOV 23	21	113	NOV 23	21
14	FEB 15	03	64	MAY19	16	114	NOV 23	21
15	FEB 15	03	65	MAY19	16	115	NOV 23	21
16	FEB 15	03	66	NOV 23	21	116	NOV 23	21
17	FEB 15	03	67	NOV 23	21	117	NOV 23	21
18	FEB 15	03	68	NOV 23	21	118	NOV 23	21
19	FEB 15	03	69	NOV 23	21	119	NOV 23	21
20	FEB 15	03	70	NOV 23	21	120	NOV 23	21
21	FEB 15	03	71	NOV 23	21	121	NOV 23	21
22	MAY18	15	72	NOV 23	21	122	NOV 23	21
23	FEB 15	03	73	NOV 23	21	123	NOV 23	21
24	MAY18	15	74	MAR 22	20	124	NOV 23	21
25	FEB 15	03	75	MAR 22	20	125	NOV 23	21
26	FEB 15	03	76	MAY19	16	126	NOV 23	21
27	FEB 15	03	77	MAY19	16	127	NOV 23	21
28	FEB 15	03	78	MAY19	16	128	NOV 23	21
29	FEB 15	03	79	MAY19	16	129	NOV 23	21
30	FEB 15	03	80	NOV 23	21	130	MAR 22	20
31	FEB 15	03	81	NOV 23	21	131	MAR 22	20
32	FEB 15	03	82	NOV 23	21	132	MAR 22	20
33	MAY19	16	83	NOV 23	21	133	MAR 22	20
34	MAY19	16	84	NOV 23	21	134	MAR 22	20
35	MAY19	16	85	NOV 23	21	135	MAR 22	20
36	NOV 23	21	86	NOV 23	21	136	NOV 23	21
37	NOV 23	21	87	NOV 23	21	137	NOV 23	21
38	MAY19	16	88	NOV 23	21	138	MAY19	16
39	MAY19	16	89	NOV 23	21	139	MAY19	16
40	NOV 23	21	90	NOV 23	21	140	NOV 23	21
41	NOV 23	21	91	NOV 23	21	141	NOV 23	21
42	MAY19	16	92	NOV 23	21	142	MAY19	16
43	ENE21	19	93	NOV 23	21	143	MAY19	16
44	ENE21	19	94	MAY19	16	144	MAY19	16
45	MAR 22	20	95	MAY19	16	141	MAY19	16
46	NOV 23	21	96	MAY19	16	142	MAY19	16
47	NOV 23	21	97	MAY19	16	143	MAY19	16
48	NOV 23	21	98	NOV 23	21	144	MAY19	16
49	NOV 23	21	99	NOV 23	21	145	MAY19	16
50	NOV 23	21	100	NOV 23	21	146	MAY19	16

147	MAY19	16	201	ENE21	19	255	NOV 23	21
148	MAY19	16	202	MAY19	16	256	NOV 23	21
149	MAY19	16	203	MAY19	16	257	NOV 23	21
150	MAY19	16	204	ENE21	19	258	NOV 23	21
151	MAY19	16	205	ENE21	19	259	NOV 23	21
152	MAY19	16	206	NOV 23	21	260	NOV 23	21
153	MAY19	16	207	NOV 23	21	261	NOV 23	21
154	NOV 23	21	208	NOV 23	21	262	NOV 23	21
155	NOV 23	21	209	NOV 23	21	263	NOV 23	21
156	NOV 23	21	210	NOV 23	21	264	NOV 23	21
157	NOV 23	21	211	NOV 23	21	265	NOV 23	21
158	NOV 23	21	212	NOV 23	21	266	NOV 23	21
159	NOV 23	21	213	NOV 23	21	267	NOV 23	21
160	NOV 23	21	214	MAR 22	20	268	NOV 23	21
161	NOV 23	21	215	MAR 22	20	269	NOV 23	21
162	NOV 23	21	216	MAR 22	20	270	NOV 23	21
163	NOV 23	21	217	MAR 22	20	271	NOV 23	21
164	MAY19	16	218	MAY19	16	272	NOV 23	21
165	MAR 22	20	219	MAY19	16	273	NOV 23	21
166	NOV 23	21	220	MAY19	16	274	NOV 23	21
167	NOV 23	21	221	MAY19	16	275	NOV 23	21
168	NOV 23	21	222	NOV 23	21	276	MAR 22	20
169	NOV 23	21	223	NOV 23	21	277	MAY19	16
170	NOV 23	21	224	NOV 23	21	278	MAY19	16
171	NOV 23	21	225	NOV 23	21	279	MAR 22	20
172	NOV 23	21	226	NOV 23	21	280	MAR 22	20
173	NOV 23	21	227	NOV 23	21	281	MAR 22	20
174	MAR 22	20	228	NOV 23	21	282	MAR 22	20
175	MAR 22	20	229	NOV 23	21	283	MAR 22	20
176	MAR 22	20	230	MAR 22	20	284	MAR 22	20
177	MAR 22	20	231	MAR 22	20	285	MAR20	17
178	MAR 22	20	232	MAR 22	20	286	MAR20	17
179	MAR 22	20	233	MAR 22	20	287	MAR20	17
180	MAR 22	20	234	NOV 23	21	288	MAY19	16
181	MAY19	16	235	NOV 23	21	289	MAY19	16
182	MAY19	16	236	NOV 23	21	290	MAY19	16
183	MAY19	16	237	NOV 23	21	291	MAY19	16
184	MAY19	16	238	MAR 22	20	292	MAY19	16
185	MAY19	16	239	ENE21	19	293	MAY19	16
186	NOV 23	21	240	ENE21	19			
187	NOV 23	21	241	ENE21	19			
188	NOV 23	21	242	NOV 23	21			
189	NOV 23	21	243	NOV 23	21			
190	MAY19	16	244	NOV 23	21			
191	MAY19	16	245	NOV 23	21			
192	MAY19	16	246	NOV 23	21			
193	MAR 23	21	247	MAY19	16			
194	MAY19	16	248	MAY19	16			
195	MAY19	16	249	MAY19	16			
196	NOV 23	21	250	NOV 23	21			
197	NOV 23	21	251	NOV 23	21			
198	MAY19	16	252	NOV 23	21			
199	MAY19	16	253	NOV 23	21			
200	ENE21	19	254	NOV 23	21			

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.

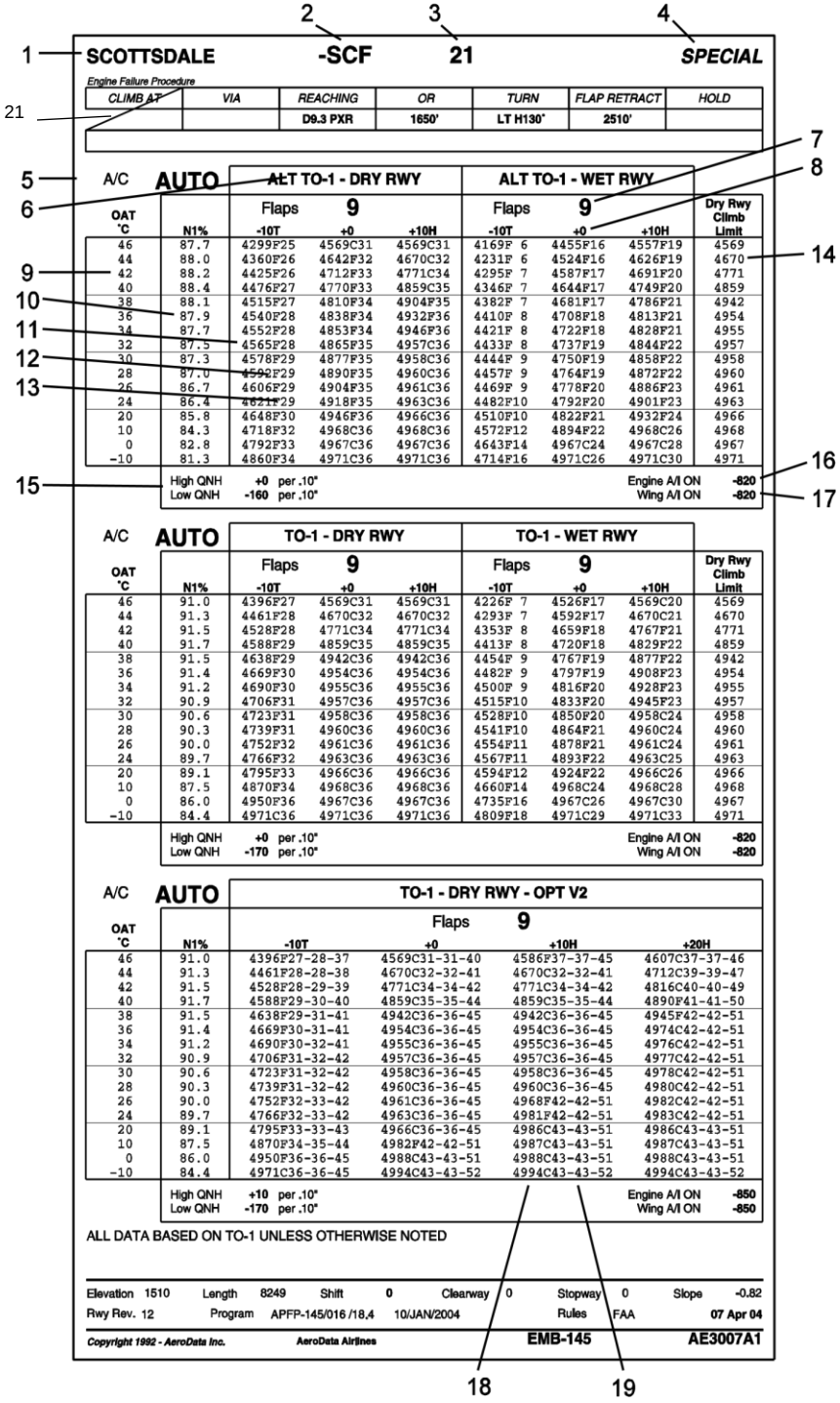
RULES FOR READING THE TAKEOFF REPORT

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**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
46	4396F27	4569C31	4569C31
44	4461F28	4670C32	4670C32
42	4528F28	4771C34	4771C34
40	4588F29	4859C35	4859C35
38	4638F29	4942C36	4942C36
36	4669F30	4954C36	4954C36
34	4690F30	4955C36	4955C36
32	4706F31	4957C36	4957C36
30	4723F31	4958C36	4958C36
28	4739F31	4960C36	4960C36
26	4752F32	4961C36	4961C36
24	4766F32	4963C36	4963C36
20	4795F33	4966C36	4966C36
10	4870F34	4968C36	4968C36

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

Engine A/I ON Wing A/I ON

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
46	4385F27	4564C31	4564C31
44	4451F27	4665C32	4665C32
42	4518F28	4767C33	4767C33
40	4577F29	4856C35	4856C35
38	4629F29	4936F36	4938C36
36	4659F30	4951C36	4951C36
34	4682F30	4952C36	4952C36
32	4697F31	4953C36	4953C36
30	4713F31	4954C36	4954C36
28	4728F31	4955C36	4955C36
26	4743F31	4957C36	4957C36
24	4756F32	4959C36	4959C36
20	4785F32	4962C36	4962C36
10	4836F34	4900C35	4900C35

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

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

DRY - GEAR EXTENDED

OAT °C	Flaps 9 -10T	+0	+10H
46	3664C13	3664C13	3664C13
44	3740C15	3740C15	3740C15
42	3815C16	3815C16	3815C16
40	3886C17	3886C17	3886C17
38	3950C18	3950C18	3950C18
36	3997C19	3997C19	3997C19
34	4026C19	4026C19	4026C19
32	4028C19	4028C19	4028C19
30	4030C19	4030C19	4030C19
28	4033C19	4033C19	4033C19
26	4035C20	4035C20	4035C20
24	4038C20	4038C20	4038C20
20	4043C20	4043C20	4043C20
10	4053C20	4053C20	4053C20

High QNH +0 per .10" Low QNH -130 per .10"

Engine A/I ON Wing A/I ON

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
46	4226F 7	4526F17	4569C20
44	4293F 7	4592F17	4670C21
42	4353F 8	4659F18	4767F21
40	4413F 8	4720F18	4829F22
38	4454F 9	4767F19	4877F22
36	4482F 9	4797F19	4908F23
34	4500F 9	4816F20	4928F23
32	4515F10	4833F20	4945F23
30	4528F10	4850F20	4958C24
28	4541F10	4864F21	4960C24
26	4554F11	4878F21	4961C24
24	4567F11	4893F22	4963C25
20	4594F12	4924F22	4966C26
10	4660F14	4968C24	4968C28

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

Engine A/I ON Wing A/I ON

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
46	4220F 7	4519F17	4564C20
44	4285F 7	4584F17	4665C20
42	4347F 8	4652F18	4759F21
40	4407F 8	4712F18	4820F21
38	4448F 9	4759F19	4869F22
36	4476F 9	4789F19	4900F22
34	4494F 9	4810F20	4922F23
32	4509F10	4826F20	4938F23
30	4523F10	4842F20	4954C24
28	4535F10	4857F21	4955C24
26	4548F11	4871F21	4957C24
24	4560F11	4886F21	4959C25
20	4588F12	4916F22	4962C25
10	4625F14	4900C24	4900C27

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

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

WET - GEAR EXTENDED

OAT °C	Flaps 9 -10T	+0	+10H
46	3664C 7	3664C13	3664C13
44	3740C 7	3740C15	3740C15
42	3815C 8	3815C16	3815C16
40	3886C 8	3886C17	3886C17
38	3950C 9	3950C18	3950C18
36	3997C 9	3997C19	3997C19
34	4026C 9	4026C19	4026C19
32	4028C10	4028C19	4028C19
30	4030C10	4030C19	4030C19
28	4033C10	4033C19	4033C19
26	4035C11	4035C20	4035C20
24	4038C11	4038C20	4038C20
20	4043C12	4043C20	4043C20
10	4053C14	4053C20	4053C20

High QNH +0 per .10" Low QNH -130 per .10"

Engine A/I ON Wing A/I ON

20

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28			4253F97
26			4319F98
24			4334F98
22			4344F99
20			4356F99
18		3427F98	4368F99
16		3771F98	4382F 0
14		4080F98	4394F 0
12		4301F98	4404F 1
10		4320F98	4414F 1
0		4387F 0	4474F 3
-10		4454F 2	4552F 6
-20		4521F 4	4623F 8
-30		4589F 6	4697F10

High QNH +60 per .10" Low QNH -2620 per .10"

Engine A/I ON -990 Wing A/I ON -990

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3388F91	3905F 1	4014F 5
26	3424F91	3919F 1	4028F 5
24	3474F92	3934F 2	4041F 5
22	3497F92	3948F 2	4056F 6
20	3525F92	3965F 3	4074F 6
18	3550F92	3976F 3	4084F 6
16	3596F92	3989F 3	4097F 7
14	3632F93	4000F 4	4108F 7
12	3633F93	4008F 4	4117F 7
10	3643F93	4018F 4	4130F 8
0	3733F95	4091F 6	4205F10
-10	3814F97	4164F 8	4289F12
-20	3886F99	4227F10	4289F12
-30	3956F 1	4276D12	4289F12

High QNH +0 per .10" Low QNH -80 per .10"

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

LEVEL 3 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	2759F97	3606F 5	3694F 9
26	3047F97	3618F 6	3705F 9
24	3110F97	3631F 6	3717F 9
22	3206F97	3640F 6	3729F10
20	3263F97	3651F 7	3739F10
18	3414F97	3660F 7	3752F10
16	3423F97	3671F 7	3764F11
14	3430F97	3680F 8	3774F11
12	3439F97	3688F 8	3782F12
10	3444F98	3700F 9	3789F12
0	3495F 0	3761F10	3857F14
-10	3546F 1	3818F13	3915F16
-20	3594F 3	3882F15	3947F18
-30	3647F 6	3942F17	3947F18

High QNH +40 per .10" Low QNH -60 per .10"

Engine A/I ON -610 Wing A/I ON -610

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

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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

TAKEOFF RUNWAY ANALYSIS WEIGHT
Based on appropriate runway condition, aircraft configuration and wind component.

QNH ADJUSTMENTS
Low QNH: required only when QNH is lower than 29.82". High QNH: never required.

ANTI-ICE ADJUSTMENT
Anti-ice: apply penalty whenever anti-ice is used takeoff.

MEL and CDL ITEM ADJUSTMENTS

MAXIMUM RUNWAY TAKEOFF WEIGHT (MRTW)

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.

3.0 LANDING

3.1 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

INTENTIONALLY BLANK

RUNWAY ANALISYS

Engine Failure Procedure

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

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	3669F12	3940F18	4020F20
46	87.7	3727F12	4010F19	4092F21
44	87.6	3765F13	4052F20	4134F22
42	87.4	3779F13	4067F20	4149F22
40	87.1	3793F13	4079F20	4164F22
38	86.8	3803F14	4089F21	4174F22
36	86.6	3814F14	4099F21	4184F22
34	86.3	3825F14	4109F21	4195F23
32	86.0	3836F14	4119F21	4205F23
30	85.7	3848F15	4130F21	4216F23
20	84.3	3906F16	4183F22	4272F24
10	82.8	3965F18	4237F23	4328F25
0	81.3	4028F19	4296F24	4390F26
-10	79.8	4082F20	4352F25	4449F27
-20	78.3	4134F21	4412F27	4512F28
-30	76.7	4186F22	4473F28	4574F29

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
2743F99	3820F 6	3917F 9	4725
	3882F 6	3982F10	4844
	3920F 7	4023F10	4901
	3936F 7	4038F10	4947
	3951F 8	4054F11	4959
2695F 2	3963F 8	4065F11	4961
2900F 1	3974F 8	4076F12	4962
3068F 1	3986F 8	4087F12	4964
3230F 1	3998F 9	4099F12	4966
3361F 0	4010F 9	4111F13	4968
3762F 0	4070F11	4170F14	4976
3818F 2	4129F13	4231F16	4973
3877F 4	4192F14	4299F18	4984
3937F 5	4255F16	4366F20	4988
4000F 7	4322F18	4437F22	4985
4063F 9	4391F20	4509F24	4983

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

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	3751F13	4019F20	4102F22
46	90.9	3814F14	4092F21	4176F23
44	90.8	3862F15	4145F22	4231F23
42	90.5	3897F16	4179F22	4265F24
40	90.2	3911F16	4193F23	4279F24
38	89.9	3922F16	4203F23	4290F24
36	89.7	3934F16	4213F23	4301F25
34	89.4	3945F17	4223F23	4311F25
32	89.1	3957F17	4234F23	4323F25
30	88.8	3969F17	4245F24	4334F25
20	87.3	4030F19	4300F25	4392F26
10	85.8	4089F20	4355F26	4449F27
0	84.2	4146F22	4417F27	4514F28
-10	82.7	4198F23	4476F28	4575F29
-20	81.1	4252F24	4537F29	4640F31
-30	79.5	4306F25	4600F30	4704F32

TO-1 - WET RWY — Flaps **22**

-10T	+0	+10H	Dry Rwy Climb Limit
3788F95	4027D 5	4062D 8	4725
3743F96	4125^ 5	4161D 9	4844
3741F96	4191^ 6	4228D 9	4901
3788F97	4240D 6	4276D10	4947
3811F97	4249D 7	4285D10	4959
3840F97	4250D 7	4286D10	4961
3870F97	4250D 7	4287D11	4962
3900F98	4250D 8	4288D11	4964
3930F98	4251D 8	4288D12	4966
3960F98	4252D 8	4289D12	4968
4104F99	4254D10	4293D14	4976
4121^ 1	4246D12	4286D15	4973
4124^ 3	4249D14	4290D15	4984
4118^ 5	4244D14	4290D15	4988
4106D 7	4237D14	4280D15	4985
4091D10	4226D14	4271D15	4983

High QNH **+80** per .10" — Low QNH **-140** per .10"
Engine A/I ON **-410** — Wing A/I ON **-410**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	3751F13-15-27	4019F20-20-31	4102F22-22-33	4189F23-23-34
46	90.9	3814F14-15-28	4092F21-21-32	4176F23-23-34	4264F24-24-35
44	90.8	3862F15-16-29	4145F22-22-33	4231F23-23-34	4319F25-25-36
42	90.5	3897F16-17-29	4179F22-22-34	4265F24-24-35	4355F26-26-36
40	90.2	3911F16-17-29	4193F23-23-34	4279F24-24-35	4369F26-26-37
38	89.9	3922F16-17-30	4203F23-23-34	4290F24-24-35	4380F26-26-37
36	89.7	3934F16-17-30	4213F23-23-34	4301F25-25-36	4391F26-26-37
34	89.4	3945F17-18-30	4223F23-23-34	4311F25-25-36	4403F26-26-37
32	89.1	3957F17-18-30	4234F23-23-35	4323F25-25-36	4414F27-27-37
30	88.8	3969F17-18-30	4245F24-24-35	4334F25-25-36	4426F27-27-37
20	87.3	4030F19-19-31	4300F25-25-36	4392F26-26-37	4487F28-28-38
10	85.8	4089F20-21-32	4355F26-26-36	4449F27-27-38	4547F29-29-39
0	84.2	4146F22-22-33	4417F27-27-37	4514F28-28-39	4613F30-30-40
-10	82.7	4198F23-23-34	4476F28-28-38	4575F29-29-40	4678F31-31-41
-20	81.1	4252F24-24-35	4537F29-29-39	4640F31-31-41	4742F32-32-42
-30	79.5	4306F25-25-36	4600F30-30-40	4704F32-32-42	4808F34-34-43

High QNH **+80** per .10" — Low QNH **-140** per .10"
Engine A/I ON **-410** — Wing A/I ON **-410**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 16 Length 5577 Shift **0** Clearway 329 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **26 Oct 17**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP — Flaps **9**

OAT °C	-10T	+0	+10H
48	3751F13	4019F20	4102F22
46	3814F14	4092F21	4176F23
44	3862F15	4145F22	4231F23
42	3897F16	4179F22	4265F24
40	3911F16	4193F23	4279F24
38	3922F16	4203F23	4290F24
36	3934F16	4213F23	4301F25
34	3945F17	4223F23	4311F25
32	3957F17	4234F23	4323F25
30	3969F17	4245F24	4334F25
20	4030F19	4300F25	4392F26
10	4089F20	4355F26	4449F27
0	4146F22	4417F27	4514F28
-10	4198F23	4476F28	4575F29

High QNH **+80** per .10"
Low QNH **-140** per .10"

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

DRY - EAI VLV INOP OPEN — Flaps **9**

OAT °C	-10T	+0	+10H
48	3743F13	4011F20	4094F21
46	3805F14	4083F21	4167F22
44	3854F15	4136F22	4222F23
42	3889F15	4170F22	4256F24
40	3902F16	4184F22	4270F24
38	3914F16	4194F23	4281F24
36	3925F16	4204F23	4292F24
34	3937F17	4215F23	4303F25
32	3949F17	4226F23	4314F25
30	3961F17	4236F23	4325F25
20	4022F19	4292F24	4383F26
10	4055F20	4316F25	4410F27
0	4108F21	4378F26	4475F28
-10	4158F22	4435F27	4535F29

High QNH **+80** per .10"
Low QNH **-140** per .10"

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

Flaps

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	3788F95	4027D 5	4062D 8
46	3743F96	4125^ 5	4161D 9
44	3741F96	4191^ 6	4228D 9
42	3788F97	4240D 6	4276D10
40	3811F97	4249D 7	4285D10
38	3840F97	4250D 7	4286D10
36	3870F97	4250D 7	4287D11
34	3900F98	4250D 8	4288D11
32	3930F98	4251D 8	4288D12
30	3960F98	4252D 8	4289D12
20	4104F99	4254D10	4293D14
10	4121^ 1	4246D12	4286D15
0	4124^ 3	4249D14	4290D15
-10	4118^ 5	4244D14	4290D15

High QNH **+0** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-720**
Wing A/I ON **-720**

WET - EAI VLV INOP OPEN — Flaps **22**

OAT °C	-10T	+0	+10H
48	3780F95	4022D 5	4057D 8
46	3735F96	4120^ 5	4156D 9
44	3733F96	4187^ 6	4224D 9
42	3780F97	4235D 6	4272D10
40	3803F97	4245D 6	4281D10
38	3832F97	4246D 7	4282D10
36	3862F97	4246D 7	4283D11
34	3892F98	4246D 8	4284D11
32	3922F98	4247D 8	4284D11
30	3952F98	4248D 8	4285D12
20	4096F99	4250D10	4288D14
10	4050^ 1	4172D13	4212D14
0	4053^ 3	4176D13	4216D14
-10	4047D 5	4172D13	4213D14

High QNH **+0** per .10"
Low QNH **-150** per .10"

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

Flaps

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			3425F93
26			3459F93
24			3495F93
22			3529F93
20			3564F93
18			3601F94
16		2740F92	3637F94
14		3079F91	3677F94
12		3186F92	3713F94
10		3234F92	3749F95
0		3450F93	3928F96
-10		3514F95	3974F98
-20		3719F96	4153F99
-30		3924F98	4243^ 1

High QNH **+100** per .10"
Low QNH **-1180** per .10"

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

LEVEL 2 CONTAM — Flaps **9**

OAT °C	-10T	+0	+10H
28			2967F98
26			3074F98
24			3171F97
22			3265F97
20			3370F97
18			3426F97
16			3436F98
14			3447F98
12		2650F98	3453F98
10		2752F98	3474F99
0		3431F98	3538F 1
-10		3490F99	3589F 2
-20		3553F 1	
-30		3618F 3	

High QNH **+70** per .10"
Low QNH **-350** 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	16	Length	5577	Shift	**0**	Clearway	329	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

Copyright 1992 - AeroData Inc. **TAR Mexico** **EMB-145** **AE3007A1**

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

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
49	87.6	4481^29	4579^31	4612^31	4481D29	4579D31	4612D31	4665
48	87.6	4538^30	4637^31	4670^32	4538D29	4637D31	4670D32	4725
46	87.7	4651^31	4751^33	4784^33	4651D29	4751D33	4784D34	4844
44	87.6	4730^32	4833^34	4868^35	4730D30	4833D34	4868D35	4901
42	87.4	4780^33	4884^35	4919^35	4780D30	4884D35	4919D36	4947
40	87.1	4786^33	4891^35	4926^36	4786D30	4891D35	4926D36	4959
38	86.8	4787^33	4893^35	4928^36	4787D31	4893D35	4928D36	4961
36	86.6	4788^33	4894^35	4929^36	4788D31	4894D35	4929D36	4962
34	86.3	4789^33	4895^35	4931^36	4789D31	4895D35	4931D36	4964
32	86.0	4789^33	4896^35	4932^36	4789D32	4896D35	4932D36	4966
30	85.7	4790^33	4898^35	4933^36	4790D32	4898D35	4933D36	4968
28	85.4	4790^33	4899^35	4934^36	4790D33	4899D35	4934D36	4970
26	85.2	4790^33	4900^35	4936^36	4790D33	4900D35	4936D36	4971
24	84.9	4791^33	4900^35	4937^36	4791D33	4900D35	4937D36	4973
22	84.6	4791^33	4901^35	4938^36	4791D33	4901D35	4938D36	4975
10	82.8	4780^33	4894^35	4932^36	4780D33	4894D35	4932D36	4973

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

A/C **AUTO**

TO-1 - DRY RWY / **TO-1 - WET RWY**

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4493^29	4590^31	4622^31	4493D29	4590D31	4622D31	4665
48	90.8	4551^30	4648^32	4681^32	4551D30	4648D32	4681D32	4725
46	90.9	4664^31	4763^33	4796^34	4664D31	4763D33	4796D34	4844
44	90.8	4746^33	4847^34	4881^35	4746D32	4847D34	4881D35	4901
42	90.5	4798^33	4901^35	4935^36	4798D33	4901D35	4935D36	4947
40	90.2	4805^34	4908^35	4942^36	4805D33	4908D35	4942D36	4959
38	89.9	4806^34	4910^35	4944^36	4806D34	4910D35	4944D36	4961
36	89.7	4806^34	4911^35	4946^36	4806D34	4911D35	4946D36	4962
34	89.4	4807^34	4912^35	4947^36	4807D34	4912D35	4947D36	4964
32	89.1	4807^34	4913^35	4948^36	4807D34	4913D35	4948D36	4966
30	88.8	4808^34	4914^35	4949^36	4808D34	4914D35	4949D36	4968
28	88.5	4808^34	4915^35	4951^36	4808D34	4915D35	4951D36	4970
26	88.2	4809^34	4916^35	4952^36	4809D34	4916D36	4952D36	4971
24	87.9	4809^34	4917^35	4953^36	4809D34	4917D36	4953D36	4973
22	87.6	4809^34	4918^35	4954^36	4809D34	4918D36	4954D36	4975
10	85.8	4798^33	4910^35	4948^36	4798D34	4910D35	4948D36	4973

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

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	+0	+10H	+20H
49	90.8	4626^37-37-46	4697C38-38-47	4697C38-38-47	4697C38-38-47
48	90.8	4686^38-38-47	4758C39-39-48	4758C39-39-48	4758C39-39-48
46	90.9	4883^40-40-49	4883C41-41-50	4883C41-41-50	4883C41-41-50
44	90.8	4891^41-41-50	4949C42-42-51	4949C42-42-51	4949C42-42-51
42	90.5	4945^42-42-51	4963C42-42-51	4963C42-42-51	4963C42-42-51
40	90.2	4950^42-42-51	4974C42-42-51	4974C42-42-51	4974C42-42-51
38	89.9	4952^42-42-51	4975C42-42-51	4975C42-42-51	4975C42-42-51
36	89.7	4953^42-42-51	4975C42-42-51	4975C42-42-51	4975C42-42-51
34	89.4	4953^42-42-51	4977C42-42-51	4977C42-42-51	4977C42-42-51
32	89.1	4954^42-42-51	4979C42-42-51	4979C42-42-51	4979C42-42-51
30	88.8	4954^42-42-51	4981C42-42-51	4981C42-42-51	4981C42-42-51
28	88.5	4955^42-42-51	4982C42-42-51	4982C42-42-51	4982C42-42-51
26	88.2	4955^42-42-51	4984C42-42-51	4984C42-42-51	4984C42-42-51
24	87.9	4955^42-42-51	4986C42-42-51	4986C42-42-51	4986C42-42-51
22	87.6	4956^42-42-51	4988C43-43-51	4988C43-43-51	4988C43-43-51
10	85.8	4945^42-42-51	4986C42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+40** per .10" — Engine A/I ON **-840**
Low QNH **-180** per .10" — Wing A/I ON **-840**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 16 Length 10827 Shift **0** Clearway 328 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **07 Feb 23**

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ACAPULCO -ACA 10 *DT H103*

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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	4648^32	4681^32	4545^30	4643^31	4675^32			
46	4664^31	4763^33	4796^34	4658^31	4757^33	4790^34			
44	4746^33	4847^34	4881^35	4740^33	4842^34	4876^35			
42	4798^33	4901^35	4935^36	4793^33	4896^35	4931^36			
40	4805^34	4908^35	4942^36	4800^33	4903^35	4938^36			
38	4806^34	4910^35	4944^36	4802^34	4906^35	4940^36			
36	4806^34	4911^35	4946^36	4802^34	4907^35	4942^36			
34	4807^34	4912^35	4947^36	4803^34	4908^35	4943^36			
32	4807^34	4913^35	4948^36	4803^34	4909^35	4944^36			
30	4808^34	4914^35	4949^36	4803^34	4910^35	4945^36			
28	4808^34	4915^35	4951^36	4804^34	4911^35	4946^36			
26	4809^34	4916^35	4952^36	4804^34	4912^35	4947^36			
24	4809^34	4917^35	4953^36	4804^34	4912^35	4948^36			
10	4798^33	4910^35	4948D36	4713^32	4825^34	4862^35			
	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 -840			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON -840			Wing A/I ON +0			Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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	4551D30	4648D32	4681D32	4545D30	4643D32	4675D32			
46	4664D31	4763D33	4796D34	4658D31	4757D33	4790D34			
44	4746D32	4847D34	4881D35	4740D32	4842D34	4876D35			
42	4798D33	4901D35	4935D36	4793D33	4896D35	4931D36			
40	4805D33	4908D35	4942D36	4800D33	4903D35	4938D36			
38	4806D34	4910D35	4944D36	4802D33	4906D35	4940D36			
36	4806D34	4911D35	4946D36	4802D34	4907D35	4942D36			
34	4807D34	4912D35	4947D36	4803D34	4908D35	4943D36			
32	4807D34	4913D35	4948D36	4803D34	4909D35	4944D36			
30	4808D34	4914D35	4949D36	4803D34	4910D35	4945D36			
28	4808D34	4915D35	4951D36	4804D34	4911D35	4946D36			
26	4809D34	4916D36	4952D36	4804D34	4912D35	4947D36			
24	4809D34	4917D36	4953D36	4804D34	4912D35	4948D36			
10	4798D34	4910D35	4948D36	4713D32	4825D34	4862D35			
	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 -840			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON -840			Wing A/I ON +0			Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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	4605F11	4865^21	4907^24	4308F15	4544F24	4630F27			
26	4618F11	4867^21	4910^25	4320F16	4557F25	4643F27			
24	4631F12	4869^22	4912^25	4331F16	4569F25	4656F28			
22	4642F12	4871^22	4914^26	4344F16	4582F25	4669F28			
20	4654F12	4873^23	4917^26	4353F17	4594F26	4682F29			
15	4687F13	4875^24	4920^27	4381F18	4626F27	4715F29			
10	4717F15	4873^25	4918^29	4408F19	4657F28	4748F30			
5	4744^16	4879^26	4925^30	4439F19	4693F28	4785F31			
0	4748^17	4884^28	4932^31	4469F20	4727F29	4821F32			
-5	4749^18	4888^29	4937^33	4500F21	4759F30	4857F33			
-10	4748^19	4890^30	4940^34	4527F22	4794F31	4890^34			
-15	4744^21	4889^32	4941^35	4555F23	4831F32	4913^35			
-20	4744^22	4893^33	4941^36	4586F24	4849^33	4920^35			
-25	4742^23	4894^35	4938^36	4614F25	4871^35	4917^35			
	High QNH +10 per .10"			High QNH +20 per .10"			High QNH per .10"		
	Low QNH -10 per .10"			Low QNH -60 per .10"			Low QNH per .10"		
	Engine A/I ON -840			Engine A/I ON -730			Engine A/I ON		
	Wing A/I ON -840			Wing A/I ON -730			Wing A/I ON		

Elevation	16	Length	10827	Shift	**0**	Clearway	328	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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Engine Failure Procedure

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

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	87.6	3704F13	3890^17	3941^18
46	87.7	3763F13	3967^19	4019^20
44	87.6	3800F14	4011^19	4063^20
42	87.4	3814F14	4024^19	4078^20
40	87.1	3829F14	4038^20	4091^21
38	86.8	3839F14	4045^20	4099^21
36	86.6	3850F15	4052^20	4106^21
34	86.3	3861F15	4060^20	4113^21
32	86.0	3873F15	4068^20	4121^21
30	85.7	3884F16	4075^20	4129^21
20	84.3	3943F17	4115^21	4170^22
10	82.8	3992^19	4150^22	4205^23
0	81.3	4034^19	4192^22	4248^24
-10	79.8	4070^20	4229^23	4287^24
-20	78.3	4103^21	4265^24	4324^25
-30	76.7	4136^21	4300^24	4359^26

ALT TO-1 - WET RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	Dry Rwy Climb Limit
48	87.6	3209F98	3854F 7	3940^10	4725
46	87.7	2930F 0	3916F 7	4014F11	4844
44	87.6	2825F 1	3955F 8	4055F11	4901
42	87.4	2957F 1	3971F 8	4071F11	4947
40	87.1	3078F 1	3986F 8	4086F12	4959
38	86.8	3231F 0	3998F 9	4095^12	4961
36	86.6	3357F 0	4009F 9	4104^12	4962
34	86.3	3475F 0	4021F 9	4113^13	4964
32	86.0	3579F 0	4033F10	4121D13	4966
30	85.7	3690F 0	4044F10	4129D13	4968
20	84.3	3797F 1	4103F12	4170D15	4976
10	82.8	3851F 3	4150D13	4205D17	4973
0	81.3	3912F 4	4192D15	4248D19	4984
-10	79.8	3973F 6	4229D17	4287D21	4988
-20	78.3	4036F 8	4265D20	4324D23	4985
-30	76.7	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**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.8	3780^14	3934^18	3985^19
46	90.9	3851F15	4014^19	4066^20
44	90.8	3900F16	4064^20	4116^21
42	90.5	3927^17	4089^21	4141^22
40	90.2	3939^17	4101^21	4154^22
38	89.9	3948^17	4108^21	4161^22
36	89.7	3957^17	4115^21	4169^22
34	89.4	3966^18	4123^21	4176^22
32	89.1	3975^18	4130^21	4184^22
30	88.8	3984^18	4138^21	4192^23
20	87.3	4024^19	4177^22	4231^23
10	85.8	4057^20	4210^23	4266^24
0	84.2	4096^21	4251^24	4308^25
-10	82.7	4130^21	4287^24	4345^25
-20	81.1	4162^22	4322^25	4380^26
-30	79.5	4193^22	4356^26	4415^27

TO-1 - WET RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	3359F99	3912F 8	3981^11	4725
46	90.9	3017F 1	3979F 8	4057^12	4844
44	90.8	2838F 2	4026F 9	4105^12	4901
42	90.5	3159F 1	4055F 9	4130^13	4947
40	90.2	3313F 1	4070F10	4144^13	4959
38	89.9	3490F 1	4081F10	4152^14	4961
36	89.7	3640F 0	4090^10	4162^14	4962
34	89.4	3776F 0	4099^11	4171^14	4964
32	89.1	3805F 0	4108^11	4181^15	4966
30	88.8	3815F 1	4117^12	4190^15	4968
20	87.3	3874F 2	4165^13	4231D17	4976
10	85.8	3932F 4	4208^15	4266D19	4973
0	84.2	3996F 6	4251D17	4308D21	4984
-10	82.7	4061F 8	4287D19	4345D23	4988
-20	81.1	4122F10	4322D22	4380D25	4985
-30	79.5	4175^12	4356D24	4415D28	4983

High QNH **+60** per .10" — Engine A/I ON **-540**
Low QNH **-140** per .10" — Wing A/I ON **-540**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.8	3780^14-15-27	3934^18-18-30	3985^19-19-31	4039^20-20-32
46	90.9	3851F15-16-28	4014^19-19-31	4066^20-20-32	4120^21-21-33
44	90.8	3900F16-17-29	4064^20-20-32	4116^21-21-33	4171^22-22-34
42	90.5	3927^17-17-30	4089^21-21-32	4141^22-22-33	4196^23-23-34
40	90.2	3939^17-18-30	4101^21-21-32	4154^22-22-33	4210^23-23-34
38	89.9	3948^17-18-30	4108^21-21-33	4161^22-22-33	4217^23-23-34
36	89.7	3957^17-18-30	4115^21-21-33	4169^22-22-34	4225^23-23-34
34	89.4	3966^18-18-30	4123^21-21-33	4176^22-22-34	4232^23-23-35
32	89.1	3975^18-18-31	4130^21-21-33	4184^22-22-34	4240^23-23-35
30	88.8	3984^18-18-31	4138^21-21-33	4192^23-23-34	4248^24-24-35
20	87.3	4024^19-19-31	4177^22-22-34	4231^23-23-34	4288^24-24-35
10	85.8	4057^20-20-32	4210^23-23-34	4266^24-24-35	4324^25-25-36
0	84.2	4096^21-21-32	4251^24-24-35	4308^25-25-36	4366^26-26-37
-10	82.7	4130^21-21-33	4287^24-24-35	4345^25-25-36	4405^26-26-37
-20	81.1	4162^22-22-33	4322^25-25-36	4380^26-26-37	4442^27-27-38
-30	79.5	4193^22-22-34	4356^26-26-36	4415^27-27-37	4476^28-28-38

High QNH **+60** per .10" — Engine A/I ON **-540**
Low QNH **-140** per .10" — Wing A/I ON **-540**

ALL DATA BASED ON TO-1 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**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	3780^14	3934^18	3985^19
46	3851F15	4014^19	4066^20
44	3900F16	4064^20	4116^21
42	3927^17	4089^21	4141^22
40	3939^17	4101^21	4154^22
38	3948^17	4108^21	4161^22
36	3957^17	4115^21	4169^22
34	3966^18	4123^21	4176^22
32	3975^18	4130^21	4184^22
30	3984^18	4138^21	4192^23
20	4024^19	4177^22	4231^23
10	4057^20	4210^23	4266^24
0	4096^21	4251^24	4308^25
-10	4130^21	4287^24	4345^25

High QNH **+60** per .10"
Low QNH **-140** per .10"

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

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	3773^14	3929^18	3980^19
46	3842F15	4007^19	4059^20
44	3891F16	4058^20	4110^21
42	3920^16	4082^21	4135^22
40	3932^17	4095^21	4148^22
38	3941^17	4103^21	4155^22
36	3950^17	4110^21	4163^22
34	3959^18	4117^21	4170^22
32	3968^18	4125^21	4178^22
30	3978^18	4132^21	4186^22
20	4018^19	4171^22	4226^23
10	4009^19	4160^22	4214^23
0	4047^20	4202^23	4257^24
-10	4078^21	4234^24	4290^25

High QNH **+60** per .10"
Low QNH **-140** 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	3359F99	3912F 8	3981^11
46	3017F 1	3979F 8	4057^12
44	2838F 2	4026F 9	4105^12
42	3159F 1	4055F 9	4130^13
40	3313F 1	4070F10	4144^13
38	3490F 1	4081F10	4152^14
36	3640F 0	4090^10	4162^14
34	3776F 0	4099^11	4171^14
32	3805F 0	4108^11	4181^15
30	3815F 1	4117^12	4190^15
20	3874F 2	4165^13	4231D17
10	3932F 4	4208^15	4266D19
0	3996F 6	4251D17	4308D21
-10	4061F 8	4287D19	4345D23

High QNH **+60** per .10"
Low QNH **-140** per .10"

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

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	3336F99	3906F 8	3976^11
46	2994F 1	3972F 8	4051^12
44	2811F 2	4021F 9	4099^12
42	3135F 1	4048F 9	4124^13
40	3288F 1	4063F10	4138^13
38	3463F 1	4075F10	4147^14
36	3614F 0	4085^10	4156^14
34	3752F 0	4094^11	4166^14
32	3800F 0	4103^11	4175^15
30	3811F 1	4112^11	4185^15
20	3868F 2	4159^13	4226D17
10	3898F 4	4160D15	4214D19
0	3965F 6	4202D17	4257D21
-10	4023F 8	4234D19	4290D23

High QNH **+60** per .10"
Low QNH **-130** per .10"

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

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	Flaps 22 +0	Flaps 22 +10H
28			3544F93
26			3576F93
24			3613F94
22			3646F94
20		3153F91	3679F94
18		3202F91	3715F94
16		3244F92	3750F95
14		3290F92	3785F95
12		3327F92	3818F95
10		3370F92	3853F95
0		3576F94	4012^97
-10		3631F96	4060^99
-20		3828F97	4109^ 1
-30		4025F98	4155^ 3

High QNH **+110** per .10"
Low QNH **-220** per .10"

Engine A/I ON **-110**
Wing A/I ON **-110**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28			3260F97
26			3358F97
24			3418F97
22			3430F98
20			3440F98
18		2653F98	3450F98
16		2759F98	3461F99
14		2854F98	3473F99
12		2985F98	3485F99
10		3088F98	3497F 0
0		3460F99	3563F 1
-10		3519F 0	3627F 3
-20		3583F 2	3695F 5
-30		3649F 4	3738F 7

High QNH **+80** per .10"
Low QNH **-470** per .10"

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

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

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D4.0 ACA	**500'**	**LT H250**	**1016'**	

NOTAMS A2492/22

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
49	87.6	4136^22	4288^25	4341^26
48	87.6	4184^23	4339^26	4391^27
46	87.7	4281^25	4439^27	4494^28
44	87.6	4330^25	4490^28	4546^29
42	87.4	4352^26	4514^29	4570^30
40	87.1	4366^26	4528^29	4584^30
38	86.8	4369^26	4532^29	4588^30
36	86.6	4373^26	4535^29	4592^30
34	86.3	4377^26	4539^29	4596^30
32	86.0	4381^26	4544^29	4601^30
30	85.7	4384^26	4548^29	4605^30
28	85.4	4389^26	4552^29	4610^30
26	85.2	4392^26	4557^29	4614^30
24	84.9	4397^26	4561^29	4618^30
22	84.6	4401^26	4565^29	4623^30
10	82.8	4416^27	4582^30	4640^31

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4136D23	4288D26	4341D27	4665
4184D24	4339D27	4391D27	4725
4281D25	4439D28	4494D29	4844
4330D26	4490D29	4546D30	4901
4352D26	4514D29	4570D30	4947
4366D26	4528D29	4584D30	4959
4369D26	4532D29	4588D30	4961
4373D27	4535D29	4592D30	4962
4377D27	4539D29	4596D30	4964
4381D27	4544D30	4601D31	4966
4384D27	4548D30	4605D31	4968
4389D27	4552D30	4610D31	4970
4392D27	4557D30	4614D31	4971
4397D27	4561D30	4618D31	4973
4401D27	4565D30	4623D31	4975
4416D27	4582D30	4640D31	4973

High QNH **+30** per .10" — Engine A/I ON **-680**
Low QNH **-160** per .10" — Wing A/I ON **-680**

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
49	90.8	4157^23	4307^26	4360^27
48	90.8	4207^24	4358^26	4411^27
46	90.9	4305^25	4461^28	4514^29
44	90.8	4357^26	4515^29	4569^30
42	90.5	4385^26	4544^29	4599^30
40	90.2	4398^26	4557^29	4612^30
38	89.9	4401^26	4561^29	4617^30
36	89.7	4404^26	4565^29	4620^30
34	89.4	4408^27	4569^29	4624^30
32	89.1	4412^27	4573^30	4628^30
30	88.8	4416^27	4577^30	4633^31
28	88.5	4420^27	4581^30	4637^31
26	88.2	4423^27	4585^30	4641^31
24	87.9	4427^27	4589^30	4645^31
22	87.6	4431^27	4593^30	4649^31
10	85.8	4445^27	4608^30	4665^31

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4157D23	4307D26	4360D27	4665
4207D24	4358D27	4411D28	4725
4305D26	4461D28	4514D29	4844
4357D26	4515D29	4569D30	4901
4385D27	4544D30	4599D31	4947
4398D27	4557D30	4612D31	4959
4401D27	4561D30	4617D31	4961
4404D27	4565D30	4620D31	4962
4408D27	4569D30	4624D31	4964
4412D27	4573D30	4628D31	4966
4416D27	4577D30	4633D31	4968
4420D27	4581D30	4637D31	4970
4423D27	4585D30	4641D31	4971
4427D27	4589D30	4645D31	4973
4431D28	4593D30	4649D31	4975
4445D28	4608D31	4665D32	4973

High QNH **+30** per .10" — Engine A/I ON **-690**
Low QNH **-160** per .10" — Wing A/I ON **-690**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
49	90.8	4171^29-29-39	4324^32-32-41	4377^33-33-42	4429^34-34-43
48	90.8	4220^29-29-40	4374^32-32-42	4428^33-33-43	4481^34-34-44
46	90.9	4318^31-31-41	4476^34-34-44	4531^35-35-45	4586^36-36-45
44	90.8	4371^32-32-42	4531^35-35-45	4586^36-36-45	4642^37-37-46
42	90.5	4399^32-32-42	4561^35-35-45	4617^36-36-46	4673^37-37-47
40	90.2	4412^32-32-43	4574^35-35-45	4630^36-36-46	4686^37-37-47
38	89.9	4416^32-32-43	4578^35-35-45	4634^36-36-46	4690^37-37-47
36	89.7	4420^32-32-43	4582^35-35-45	4638^36-36-46	4695^37-37-47
34	89.4	4424^33-33-43	4586^36-36-45	4643^37-37-46	4699^38-38-47
32	89.1	4428^33-33-43	4591^36-36-45	4647^37-37-46	4704^38-38-47
30	88.8	4432^33-33-43	4596^36-36-46	4652^37-37-46	4709^38-38-47
28	88.5	4437^33-33-43	4600^36-36-46	4657^37-37-46	4714^38-38-47
26	88.2	4441^33-33-43	4605^36-36-46	4661^37-37-47	4718^38-38-47
24	87.9	4445^33-33-43	4609^36-36-46	4666^37-37-47	4723^38-38-47
22	87.6	4449^33-33-43	4614^36-36-46	4670^37-37-47	4728^38-38-48
10	85.8	4466^33-33-44	4632^36-36-46	4689^37-37-47	4747^38-38-48

High QNH **+30** per .10" — Engine A/I ON **-680**
Low QNH **-160** per .10" — Wing A/I ON **-680**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	16	Length	10827	Shift	**0**	Clearway	328	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**28 Apr 22**

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ACAPULCO -ACA 28 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4207^24	4358^26	4411^27
46	4305^25	4461^28	4514^29
44	4357^26	4515^29	4569^30
42	4385^26	4544^29	4599^30
40	4398^26	4557^29	4612^30
38	4401^26	4561^29	4617^30
36	4404^26	4565^29	4620^30
34	4408^27	4569^29	4624^30
32	4412^27	4573^30	4628^30
30	4416^27	4577^30	4633^31
28	4420^27	4581^30	4637^31
26	4423^27	4585^30	4641^31
24	4427^27	4589^30	4645^31
10	4445^27	4608^30	4665^31

High QNH **+30** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-690**
Wing A/I ON **-690**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4201^23	4353^26	4406^27
4299^25	4455^28	4509^29
4351^26	4509^28	4563^29
4379^26	4539^29	4594^30
4393^26	4552^29	4607^30
4396^26	4556^29	4612^30
4400^26	4560^29	4615^30
4403^26	4564^29	4620^30
4408^27	4569^29	4624^30
4411^27	4573^30	4628^31
4415^27	4577^30	4632^31
4419^27	4581^30	4636^31
4423^27	4585^30	4641^31
4377^26	4538^29	4594^30

High QNH **+30** 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	4207D24	4358D27	4411D28
46	4305D26	4461D28	4514D29
44	4357D26	4515D29	4569D30
42	4385D27	4544D30	4599D31
40	4398D27	4557D30	4612D31
38	4401D27	4561D30	4617D31
36	4404D27	4565D30	4620D31
34	4408D27	4569D30	4624D31
32	4412D27	4573D30	4628D31
30	4416D27	4577D30	4633D31
28	4420D27	4581D30	4637D31
26	4423D27	4585D30	4641D31
24	4427D27	4589D30	4645D31
10	4445D28	4608D31	4665D32

High QNH **+30** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-690**
Wing A/I ON **-690**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4201D24	4353D27	4406D28
4299D25	4455D28	4509D29
4351D26	4509D29	4563D30
4379D27	4539D29	4594D30
4393D27	4552D30	4607D31
4396D27	4556D30	4612D31
4400D27	4560D30	4615D31
4403D27	4564D30	4620D31
4408D27	4569D30	4624D31
4411D27	4573D30	4628D31
4415D27	4577D30	4632D31
4419D27	4581D30	4636D31
4423D27	4585D30	4641D31
4377D27	4538D30	4594D31

High QNH **+30** 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	4299^13	4502^23	4575^26
26	4305^13	4509^24	4583^27
24	4311^14	4516^24	4590^27
22	4318^14	4523^24	4598^28
20	4324^14	4530^25	4606^28
15	4338^16	4547^26	4624^29
10	4349^17	4561^27	4638^31
5	4366^18	4581^28	4650^31
0	4382^19	4600^30	4661^31
-5	4398^20	4612^30	4671^31
-10	4412^22	4619^30	4678^31
-15	4424^23	4624^30	4683^31
-20	4439^24	4631^30	4691^32
-25	4453^25	4639^31	4698^32

High QNH **+30** per .10"
Low QNH **-30** per .10"

Engine A/I ON **-740**
Wing A/I ON **-740**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
4198^16	4421^25	4512^28
4206^17	4431^26	4524^28
4213^17	4441^26	4536^29
4221^17	4451^26	4541^29
4228^18	4463^27	4544^29
4245^19	4490^28	4555^29
4262^20	4502^28	4560^29
4283^21	4515^28	4573^29
4303^22	4526^29	4585^30
4324^23	4536^29	4596^30
4344^24	4544^29	4604^30
4364^25	4549^29	4610^30
4388^26	4559^29	4620^30
4393^26	4566^29	4628^30

High QNH **+30** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-720**
Wing A/I ON **-720**

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 10827 Shift **0** Clearway 328 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **28 Apr 22**

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AGUASCALIENTES -AGU 18 *DT H177*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7112'		**DT H177**	**7112'**	

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	4055^23	4137^24	4164^25	4048^13	4137D22	4164D25	4219
34	89.2	4132^24	4215^25	4243^26	4124^13	4215D23	4243D26	4298
32	89.5	4210^25	4294^26	4322^27	4183F13	4294D23	4322D26	4376
30	89.7	4289^26	4374^28	4403^28	4238F14	4374D23	4403D27	4457
28	89.8	4371^27	4457^29	4485^29	4296F14	4456^24	4485D27	4541
26	89.9	4453^28	4539^30	4568^31	4353F15	4537^24	4568D27	4626
24	90.0	4516F29	4620^31	4650^32	4408F15	4617^24	4650^28	4709
22	90.2	4562F30	4669^32	4698^32	4450F16	4665^25	4698^28	4755
20	90.3	4578F30	4672^32	4702^32	4466F16	4669^25	4702D29	4762
18	90.0	4585^30	4674^32	4704^32	4480F17	4671^26	4704D29	4763
16	89.7	4585^30	4675^32	4705^32	4493F17	4673^26	4705D30	4765
10	88.8	4585^30	4677^32	4708^32	4534F18	4677^28	4708D31	4768
0	87.2	4579^30	4674^32	4705^32	4572^20	4674D30	4705D33	4771
-10	85.6	4566^30	4663^32	4695^32	4562^22	4663D32	4695D32	4762
-20	84.0	4558^30	4659^32	4692^32	4558D25	4659D32	4692D32	4764
-30	82.3	4542^30	4645^31	4680^32	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**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	92.4	4064^23	4146^24	4173^25	4059^14	4146D24	4173D25	4219
34	92.7	4143^24	4225^25	4253^26	4136^15	4225D24	4253D26	4298
32	93.0	4220^25	4304^27	4331^27	4212^15	4304D25	4331D27	4376
30	93.2	4300^26	4385^28	4413^28	4291^15	4385D25	4413D28	4457
28	93.5	4382^28	4467^29	4496^30	4364F16	4467D26	4496D29	4541
26	93.9	4464^29	4550^30	4579^31	4423F16	4550^26	4579D29	4626
24	94.0	4546^30	4633^31	4661^32	4483F17	4631^26	4661D30	4709
22	93.8	4595^31	4682^32	4711^33	4531F17	4680^27	4711D30	4755
20	93.7	4601^31	4688^32	4717^33	4565F18	4688^28	4717D31	4762
18	93.3	4602^31	4690^32	4719^33	4581F19	4690D29	4719D32	4763
16	93.0	4603^31	4691^32	4720^33	4591^19	4691D29	4720D32	4765
10	92.1	4603^31	4768C32	4722^33	4593^20	4696^30	4722D33	4768
0	90.4	4596^31	4689^32	4720^33	4591^23	4689D32	4720D33	4771
-10	88.8	4582^30	4678^32	4710^33	4581^25	4678D32	4710D33	4762
-20	87.1	4575^30	4674^32	4707^32	4575D28	4674D32	4707D33	4764
-30	85.3	4558^30	4660^32	4694^32	4558D30	4660D32	4694D32	4757

High QNH **+0** per .10" Engine A/I ON **-4920**
Low QNH **-360** per .10" Wing A/I ON **-4920**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
36	92.4	4109F29-29-38	4267^32-32-41	4276C32-32-41	4276C32-32-41
34	92.7	4169F30-30-39	4348^33-33-42	4356C34-34-42	4356C34-34-42
32	93.0	4227F31-31-40	4429^35-35-43	4434C35-35-43	4434C35-35-43
30	93.2	4300^26-26-36	4502F36-36-44	4512C36-36-44	4512C36-36-44
28	93.5	4382^28-28-37	4565F37-37-45	4598C37-37-46	4598C37-37-46
26	93.9	4464^29-29-38	4628F37-37-46	4684C38-38-47	4684C38-38-47
24	94.0	4546^30-30-39	4694F38-38-47	4770C40-40-48	4770C40-40-48
22	93.8	4595^31-31-40	4752F39-39-48	4817C40-40-49	4817C40-40-49
20	93.7	4601^31-31-40	4796F40-40-49	4824C40-40-49	4824C40-40-49
18	93.3	4602^31-31-40	4812F40-40-49	4826C40-40-49	4826C40-40-49
16	93.0	4603^31-31-40	4825F40-40-49	4828C40-40-49	4828C40-40-49
10	92.1	4628F37-37-46	4831^40-40-49	4833C40-40-49	4833C40-40-49
0	90.4	4690F38-38-47	4828^40-40-49	4840C40-40-49	4840C40-40-49
-10	88.8	4724^39-39-48	4816^40-40-49	4830C40-40-49	4830C40-40-49
-20	87.1	4718^38-38-48	4812^40-40-49	4832C40-40-49	4832C40-40-49
-30	85.3	4699^38-38-47	4798^40-40-49	4827C40-40-49	4827C40-40-49

High QNH **+100** per .10" Engine A/I ON **-4250**
Low QNH **-170** per .10" Wing A/I ON **-4250**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 6112 Length 9862 Shift **0** Clearway 0 Stopway 0 Slope -0.03
Rwy Rev. Program Rules FAA **03 Nov 20**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	4064^23	4146^24	4173^25
34	4143^24	4225^25	4253^26
32	4220^25	4304^27	4331^27
30	4300^26	4385^28	4413^28
28	4382^28	4467^29	4496^30
26	4464^29	4550^30	4579^31
24	4546^30	4633^31	4661^32
22	4595^31	4682^32	4711^33
20	4601^31	4688^32	4717^33
18	4602^31	4690^32	4719^33
16	4603^31	4691^32	4720^33
10	4603^31	4768C32	4722^33
0	4596^31	4689^32	4720^33
-10	4582^30	4678^32	4710^33

High QNH **+0** per .10"
Low QNH **-360** per .10"

Engine A/I ON **-4920**
Wing A/I ON **-4920**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4060^23	4141^24	4168^25
34	4138^24	4221^25	4248^26
32	4216^25	4300^27	4327^27
30	4297^26	4381^28	4409^28
28	4379^27	4463^29	4491^29
26	4461^29	4546^30	4575^31
24	4543^30	4630^31	4659^32
22	4593^31	4680^32	4709^33
20	4599^31	4686^32	4715^33
18	4600^31	4688^32	4762C33
16	4601^31	4689^32	4718^33
10	4188^25	4275^26	4304^27
0	4528^30	4621^31	4651^32
-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**

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	4146D24	4173D25
34	4136^15	4225D24	4253D26
32	4212^15	4304D25	4331D27
30	4291^15	4385D25	4413D28
28	4364F16	4467D26	4496D29
26	4423F16	4550^26	4579D29
24	4483F17	4631^26	4661D30
22	4531F17	4680^27	4711D30
20	4565F18	4688^28	4717D31
18	4581F19	4690D29	4719D32
16	4591^19	4691D29	4720D32
10	4593^20	4696^30	4722D33
0	4591^23	4689D32	4720D33
-10	4581^25	4678D32	4710D33

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

Engine A/I ON **-4200**
Wing A/I ON **-4200**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
36	4054^14	4141D24	4168D25
34	4131^14	4221D24	4248D26
32	4208^15	4300D25	4327D27
30	4287^15	4381D25	4409D28
28	4356F16	4463D25	4491D29
26	4414F16	4545^26	4575D29
24	4475F17	4628^26	4659D29
22	4523F17	4678^27	4709D30
20	4558F18	4686^28	4715D31
18	4574F18	4688D28	4723^32
16	4588F19	4689D29	4718D32
10	4188D22	4275D26	4304D27
0	4524^23	4621D31	4651D32
-10	4517D25	4612D31	4644D32

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	3826F95	4046F 4	4123F 7
26	3885F96	4107F 5	4184F 8
24	3943F96	4168F 5	4248F 8
22	3987F97	4215F 6	4295F 8
20	4011F97	4243F 6	4323F 9
18	4023F97	4257F 7	4338F 9
16	4033F98	4269F 7	4350F10
14	4045F98	4280F 7	4364F10
12	4055F98	4295F 8	4378F11
10	4067F99	4305F 8	4391F11
0	4121F 1	4368F10	4455F13
-10	4179F 3	4432F12	4519F15
-20	4239F 5	4501F14	4589F17
-30	4301F 7	4567F16	4651^20

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

Engine A/I ON **-2000**
Wing A/I ON **-2000**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3538F 0	3728F 9	3792F11
26	3597F 0	3792F 9	3856F12
24	3658F 1	3857F 9	3923F12
22	3707F 1	3911F10	3977F13
20	3739F 2	3947F11	4014F14
18	3752F 2	3960F11	4027F14
16	3762F 3	3970F11	4039F14
14	3772F 3	3981F12	4050F15
12	3783F 3	3991F12	4059F15
10	3793F 4	4002F12	4072F15
0	3843F 5	4053F14	4126F17
-10	3896F 7	4107F16	4185F19
-20	3946F 9	4165F18	4249F21
-30	3994F11	4225F20	4311F23

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

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

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 **03 Nov 20**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7112'		DT H357	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

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4047^13	4136D22	4164D25	4219
4121F13	4215D23	4243D26	4298
4177F13	4293D23	4321D26	4376
4232F14	4374D23	4402D27	4457
4289F14	4455^24	4484D27	4541
4346F15	4536^24	4567D27	4626
4401F15	4616^24	4649^28	4709
4443F16	4664^25	4697^28	4755
4460F16	4669^25	4701D29	4762
4473F17	4670^26	4703D29	4763
4487F17	4672^26	4704D30	4765
4525F18	4676^28	4707D31	4768
4571^20	4673D30	4704D33	4771
4561^23	4662D32	4694D32	4762
4558D25	4658D32	4692D32	4764
4541D28	4645D32	4679D32	4757

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

Engine A/I ON **-4120** Wing A/I ON **-4120**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	92.4	4065^23	4146^24	4173^25
34	92.7	4142^24	4225^25	4252^26
32	93.0	4220^25	4303^27	4331^27
30	93.2	4300^26	4384^28	4412^28
28	93.5	4382^28	4467^29	4495^30
26	93.9	4464^29	4550^30	4578^31
24	94.0	4546^30	4632^31	4661^32
22	93.8	4594^31	4682^32	4710^33
20	93.7	4600^31	4687^32	4716^33
18	93.3	4601^31	4689^32	4718^33
16	93.0	4602^31	4690^32	4720^33
10	92.1	4602^31	4692^32	4722^33
0	90.4	4596^31	4689^32	4720^33
-10	88.8	4581^30	4677^32	4709^33
-20	87.1	4574^30	4673^32	4706^32
-30	85.3	4557^30	4659^32	4693^32

TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4058^14	4146D24	4173D25	4219
4135^15	4225D24	4252D26	4298
4212^15	4303D25	4331D27	4376
4290^15	4384D25	4412D28	4457
4358F16	4467D26	4495D29	4541
4416F16	4549^26	4578D29	4626
4477F17	4630^26	4661D30	4709
4524F17	4680^27	4710D30	4755
4559F18	4687^28	4716D31	4762
4575F19	4689D29	4718D32	4763
4589F19	4690D29	4720D32	4765
4592^20	4692D30	4722D33	4768
4590^23	4689D32	4720D33	4771
4580^25	4677D32	4709D33	4762
4574D28	4673D32	4706D33	4764
4557D30	4659D32	4693D32	4757

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

Engine A/I ON **-4160** Wing A/I ON **-4160**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
36	92.4	4101F29-29-38	4266^32-32-41	4276C32-32-41	4276C32-32-41
34	92.7	4161F30-30-39	4347^33-33-42	4356C34-34-42	4356C34-34-42
32	93.0	4220^25-25-34	4428^35-35-43	4434C35-35-43	4434C35-35-43
30	93.2	4300^26-26-36	4495F36-36-44	4512C36-36-44	4512C36-36-44
28	93.5	4382^28-28-37	4557F36-36-45	4598C37-37-46	4598C37-37-46
26	93.9	4464^29-29-38	4619F37-37-46	4684C38-38-47	4684C38-38-47
24	94.0	4546^30-30-39	4685F38-38-47	4764F39-39-48	4770C40-40-48
22	93.8	4594^31-31-40	4743F39-39-48	4817C40-40-49	4817C40-40-49
20	93.7	4600^31-31-40	4787F40-40-49	4824C40-40-49	4824C40-40-49
18	93.3	4601^31-31-40	4803F40-40-49	4826C40-40-49	4826C40-40-49
16	93.0	4602^31-31-40	4816F40-40-49	4828C40-40-49	4828C40-40-49
10	92.1	4619F37-37-46	4830^40-40-49	4833C40-40-49	4833C40-40-49
0	90.4	4681F38-38-47	4828^40-40-49	4840C40-40-49	4840C40-40-49
-10	88.8	4723^39-39-48	4815^40-40-49	4830C40-40-49	4830C40-40-49
-20	87.1	4717^38-38-48	4811^40-40-49	4832C40-40-49	4832C40-40-49
-30	85.3	4699^38-38-47	4797^40-40-49	4827C40-40-49	4827C40-40-49

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

Engine A/I ON **-4250** Wing A/I ON **-4250**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 6112 Length 9862 Shift **0** Clearway 0 Stopway 0 Slope +0.03

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4065^23	4146^24	4173^25
34	4142^24	4225^25	4252^26
32	4220^25	4303^27	4331^27
30	4300^26	4384^28	4412^28
28	4382^28	4467^29	4495^30
26	4464^29	4550^30	4578^31
24	4546^30	4632^31	4661^32
22	4594^31	4682^32	4710^33
20	4600^31	4687^32	4716^33
18	4601^31	4689^32	4718^33
16	4602^31	4690^32	4720^33
10	4602^31	4692^32	4722^33
0	4596^31	4689^32	4720^33
-10	4581^30	4677^32	4709^33

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

Engine A/I ON **-4160**
Wing A/I ON **-4160**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +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	4378^27	4462^29	4491^29
26	4460^29	4545^30	4574^31
24	4543^30	4629^31	4658^32
22	4593^31	4680^32	4708^33
20	4598^31	4685^32	4715^33
18	4599^31	4687^32	4717^33
16	4600^31	4688^32	4718^33
10	4187^25	4274^26	4304^27
0	4527^30	4620^31	4651^32
-10	4517^29	4612^31	4643^32

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

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

DRY

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	4058^14	4146D24	4173D25
34	4135^15	4225D24	4252D26
32	4212^15	4303D25	4331D27
30	4290^15	4384D25	4412D28
28	4358F16	4467D26	4495D29
26	4416F16	4549^26	4578D29
24	4477F17	4630^26	4661D30
22	4524F17	4680^27	4710D30
20	4559F18	4687^28	4716D31
18	4575F19	4689D29	4718D32
16	4589F19	4690D29	4720D32
10	4592^20	4692D30	4722D33
0	4590^23	4689D32	4720D33
-10	4580^25	4677D32	4709D33

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

Engine A/I ON **-4160**
Wing A/I ON **-4160**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	4053^14	4140D24	4168D25
34	4130^14	4220D24	4247D26
32	4208^15	4299D25	4327D27
30	4286^15	4380D25	4408D28
28	4349F16	4462D25	4491D29
26	4408F16	4544^26	4574D29
24	4468F17	4627^26	4658D29
22	4516F17	4677^27	4708D30
20	4551F18	4685^28	4715D31
18	4567F18	4687D28	4717D32
16	4581F19	4688D29	4718D32
10	4187D23	4274D26	4304D27
0	4523^23	4620D31	4651D32
-10	4517D25	4612D31	4643D32

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

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

WET

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	3822F96	4040F 4	4118F 7
26	3880F96	4101F 5	4180F 8
24	3939F96	4163F 5	4242F 8
22	3980F97	4210F 6	4290F 9
20	4005F97	4238F 6	4319F 9
18	4018F98	4252F 7	4333F10
16	4029F98	4264F 7	4345F10
14	4040F98	4276F 7	4359F10
12	4051F99	4290F 8	4372F11
10	4062F99	4300F 8	4385F11
0	4116F 1	4363F10	4449F13
-10	4174F 3	4427F12	4513F15
-20	4234F 5	4496F14	4583F18
-30	4296F 7	4561F17	4650^20

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

Engine A/I ON **-2000**
Wing A/I ON **-2000**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3535F 0	3725F 9	3788F11
26	3594F 1	3789F 9	3852F12
24	3655F 1	3855F 9	3919F12
22	3704F 2	3907F10	3973F13
20	3736F 2	3943F11	4010F14
18	3749F 3	3956F11	4024F14
16	3759F 3	3966F12	4035F14
14	3769F 3	3977F12	4046F15
12	3780F 4	3987F12	4057F15
10	3790F 4	3998F13	4069F15
0	3839F 6	4049F14	4122F17
-10	3890F 7	4103F16	4181F19
-20	3942F 9	4162F18	4245F21
-30	3990F11	4222F20	4307F23

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

Engine A/I ON **-1890**
Wing A/I ON **-1890**

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
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BAHIAS DE HUATULCO -HUX 07 *RT H090*

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	4466^29	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	4752^33	4852^34	4887^35
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	4795^33	4900^35	4935^36
32	86.4	4795^33	4901^35	4936^36
30	86.2	4796^33	4902^35	4937^36
28	85.9	4796^33	4903^35	4938^36
26	85.6	4796^33	4904^35	4940^36
24	85.3	4797^33	4905^35	4941^36
22	85.0	4797^33	4906^35	4942^36
20	84.8	4797^33	4906^35	4943^36
10	83.3	4786^33	4899^35	4936^36

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4464^22	4562D30	4595D31	4642
4572^22	4673D32	4706D33	4757
4667^23	4772D33	4805D34	4848
4744^23	4852D33	4887D35	4938
4775^23	4884D34	4918D36	4957
4787^24	4897D34	4932D36	4960
4788^24	4899D34	4933D36	4962
4790^24	4900D35	4935D36	4964
4791^25	4901D35	4936D36	4966
4792^25	4902D35	4937D36	4968
4793^26	4903D35	4938D36	4970
4793^26	4904D35	4940D36	4971
4794^27	4905D35	4941D36	4973
4795^27	4906D35	4942D36	4975
4796^28	4906D35	4943D36	4976
4786D30	4899D35	4936D36	4971

High QNH **+0** per .10" — Engine A/I ON **-820**
Low QNH **-170** per .10" — Wing A/I ON **-820**

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.7	4477^29	4573^31	4605^31
46	91.0	4587^30	4684^32	4717^33
44	91.1	4686^32	4784^33	4817^34
42	90.9	4938C33	4867^35	4901^35
40	90.8	4798^33	4900^35	4933^36
38	90.5	4811^34	4914^35	4948^36
36	90.2	4812^34	4915^35	4949^36
34	89.9	4813^34	4916^35	4951^36
32	89.6	4813^34	4917^35	4952^36
30	89.4	4813^34	4918^35	4953^36
28	89.0	4814^34	4919^35	4954^36
26	88.7	4814^34	4920^35	4955^36
24	88.4	4814^34	4921^35	4956^36
22	88.1	4815^34	4922^35	4957^36
20	87.8	4815^34	4922^35	4958^36
10	86.3	4803^33	4914^35	4951^36

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4477D24	4573D31	4605D31	4642
4585^24	4684D32	4717D33	4757
4682^25	4784D34	4817D34	4848
4762^25	4867D35	4901D35	4938
4793^26	4900D35	4933D36	4957
4807^26	4914D36	4948D36	4960
4808^27	4915D36	4949D36	4962
4810^27	4916D36	4951D36	4964
4811^28	4917D36	4952D36	4966
4812^28	4918D36	4953D36	4968
4813^29	4919D36	4954D36	4970
4814^29	4920D36	4955D36	4971
4814D29	4921D36	4956D36	4973
4815D30	4922D36	4957D36	4975
4815D30	4922D36	4958D36	4976
4803D33	4914D35	4951D36	4971

High QNH **+0** per .10" — Engine A/I ON **-820**
Low QNH **-170** per .10" — Wing A/I ON **-820**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.7	4610^37-37-46	4678C38-38-47	4678C38-38-47	4678C38-38-47
46	91.0	4725^39-39-48	4796C40-40-49	4796C40-40-49	4796C40-40-49
44	91.1	4829^40-40-49	4884C41-41-50	4884C41-41-50	4884C41-41-50
42	90.9	4938C33-33-42	4942C42-42-51	4942C42-42-51	4942C42-42-51
40	90.8	4927F41-41-51	4973C42-42-51	4973C42-42-51	4973C42-42-51
38	90.5	4952F42-42-51	4974C42-42-51	4974C42-42-51	4974C42-42-51
36	90.2	4960^42-42-51	4976C42-42-51	4976C42-42-51	4976C42-42-51
34	89.9	4960^42-42-51	4978C42-42-51	4978C42-42-51	4978C42-42-51
32	89.6	4960^42-42-51	4980C42-42-51	4980C42-42-51	4980C42-42-51
30	89.4	4961^42-42-51	4982C42-42-51	4982C42-42-51	4982C42-42-51
28	89.0	4962^42-42-51	4984C42-42-51	4984C42-42-51	4984C42-42-51
26	88.7	4962^42-42-51	4985C42-42-51	4985C42-42-51	4985C42-42-51
24	88.4	4962^42-42-51	4987C42-42-51	4987C42-42-51	4987C42-42-51
22	88.1	4962^42-42-51	4988C43-43-51	4988C43-43-51	4988C43-43-51
20	87.8	4991^42-42-51	4991C43-43-52	4991C43-43-52	4991C43-43-52
10	86.3	4952^42-42-51	4985C42-42-51	4985C42-42-51	4985C42-42-51

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-180** per .10" — Wing A/I ON **-850**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	464	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.38
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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BAHIAS DE HUATULCO -HUX 07 *RT H090*

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	4477^29	4573^31	4605^31	4471^29	4567^30	4599^31			
46	4587^30	4684^32	4717^33	4581^30	4678^32	4711^33			
44	4686^32	4784^33	4817^34	4680^32	4779^33	4812^34			
42	4938C33	4867^35	4901^35	4762^33	4862^35	4896^35			
40	4798^33	4900^35	4933^36	4794^33	4894^35	4929^36			
38	4811^34	4914^35	4948^36	4807^34	4910^35	4944^36			
36	4812^34	4915^35	4949^36	4808^34	4911^35	4945^36			
34	4813^34	4916^35	4951^36	4808^34	4912^35	4946^36			
32	4813^34	4917^35	4952^36	4809^34	4913^35	4947^36			
30	4813^34	4918^35	4953^36	4809^34	4914^35	4948^36			
28	4814^34	4919^35	4954^36	4809^34	4915^35	4949^36			
26	4814^34	4920^35	4955^36	4809^34	4915^35	4950^36			
24	4814^34	4921^35	4956^36	4810^34	4916^35	4952^36			
10	4803^33	4914^35	4951D36	4721^32	4831^34	4868^35			
	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 **-820** Wing A/I ON **-820**			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	4477D24	4573D31	4605D31	4471D24	4567D31	4599D31			
46	4585^24	4684D32	4717D33	4579^24	4678D32	4711D33			
44	4682^25	4784D34	4817D34	4676^25	4779D34	4812D34			
42	4762^25	4867D35	4901D35	4757^25	4862D35	4896D35			
40	4793^26	4900D35	4933D36	4789^26	4894D35	4929D36			
38	4807^26	4914D36	4948D36	4803^26	4910D35	4944D36			
36	4808^27	4915D36	4949D36	4804^27	4911D35	4945D36			
34	4810^27	4916D36	4951D36	4805^27	4912D35	4946D36			
32	4811^28	4917D36	4952D36	4806^27	4913D35	4947D36			
30	4812^28	4918D36	4953D36	4807^28	4914D35	4948D36			
28	4813^29	4919D36	4954D36	4808^28	4915D36	4949D36			
26	4814^29	4920D36	4955D36	4809^29	4915D36	4950D36			
24	4814D29	4921D36	4956D36	4810D29	4916D36	4952D36			
10	4803D33	4914D35	4951D36	4721D33	4831D34	4868D35			
	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 **-820** Wing A/I ON **-820**			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	4400F 4	4669F14	4764F17	4087F 9	4318F19	4401F22			
26	4413F 4	4682F14	4777F18	4097F 9	4329F19	4414F22			
24	4425F 5	4696F15	4791F18	4108F10	4338F19	4426F22			
22	4437F 5	4710F15	4805F18	4119F10	4353F20	4439F23			
20	4447F 6	4723F16	4819F19	4129F10	4363F20	4452F23			
15	4478F 6	4757F17	4854F20	4155F11	4394F21	4484F24			
10	4506F 7	4788F18	4884F21	4178F12	4423F22	4515F25			
5	4539F 8	4825F19	4906^22	4205F13	4456F23	4550F26			
0	4573F 9	4863F20	4912^23	4233F14	4491F24	4587F27			
-5	4607F10	4870^21	4916^25	4261F15	4525F25	4623F28			
-10	4639F12	4871^22	4918^26	4288F16	4558F26	4659F29			
-15	4671F13	4871^24	4919^27	4314F17	4591F27	4693F30			
-20	4706F14	4871^25	4920^29	4343F18	4628F28	4734F31			
-25	4727^15	4872^26	4922^30	4371F19	4664F29	4772F32			
	High QNH **+10** per .10" Low QNH **-60** per .10"			High QNH **+40** per .10" Low QNH **-60** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-830** Wing A/I ON **-830**			Engine A/I ON **-500** Wing A/I ON **-500**			Engine A/I ON Wing A/I ON		

Elevation	464	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.38
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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BAHIAS DE HUATULCO -HUX 25 *DT H256*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1464'		**DT H256**	**1464'**	

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	4404^27	4544^30	4586^31	4404D23	4544D30	4586D31	4642
46	87.8	4495^29	4640^31	4690^32	4492^23	4640D32	4690D32	4757
44	87.8	4563^30	4710^32	4761^33	4556^24	4710D33	4761D34	4848
42	87.7	4609^30	4760^33	4812^34	4600^24	4760D33	4812D35	4938
40	87.6	4639^31	4790^33	4842^34	4630^24	4790D34	4842D35	4957
38	87.3	4647^31	4798^33	4850^34	4639^25	4798D34	4850D35	4960
36	87.0	4654^31	4805^34	4857^34	4650^25	4805D34	4857D35	4962
34	86.7	4662^31	4813^34	4865^35	4659^25	4813D35	4865D35	4964
32	86.4	4670^31	4820^34	4873^35	4668^26	4820D35	4873D35	4966
30	86.2	4677^31	4828^34	4880^35	4677D26	4828D35	4880D36	4968
28	85.9	4684^31	4835^34	4888^35	4684D27	4835D35	4888D36	4970
26	85.6	4692^32	4843^34	4895^35	4692D27	4843D35	4895D36	4971
24	85.3	4699^32	4850^34	4902^35	4699D27	4850D35	4902D36	4973
22	85.0	4707^32	4858^34	4910^35	4707D28	4858D35	4910D36	4975
20	84.8	4714^32	4865^35	4917^35	4714D28	4865D35	4917D36	4976
10	83.3	4744^32	4889^35	4927^36	4744D30	4889D35	4927D36	4971

High QNH **+0** per .10" — Engine A/I ON **-800**
Low QNH **-170** per .10" — Wing A/I ON **-800**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.7	4450^28	4565^30	4597^31	4450D24	4565D31	4597D31	4642
46	91.0	4546^30	4676^32	4709^32	4545^25	4676D32	4709D33	4757
44	91.1	4619^31	4761^33	4809^34	4615^26	4761D33	4809D34	4848
42	90.9	4673^31	4818^34	4867^35	4668^26	4818D35	4867D35	4938
40	90.8	4706^32	4852^34	4901^35	4701^27	4852D35	4901D36	4957
38	90.5	4719^32	4863^35	4913^35	4716^27	4863D35	4913D36	4960
36	90.2	4725^32	4870^35	4920^35	4725D28	4870D35	4920D36	4962
34	89.9	4733^32	4877^35	4926^36	4733D28	4877D35	4926D36	4964
32	89.6	4740^32	4884^35	4934^36	4740D28	4884D35	4934D36	4966
30	89.4	4746^33	4891^35	4941^36	4746D29	4891D35	4941D36	4968
28	89.0	4753^33	4898^35	4946^36	4753D29	4898D35	4946D36	4970
26	88.7	4761^33	4905^35	4947^36	4761D30	4905D35	4947D36	4971
24	88.4	4767^33	4912^35	4948^36	4767D30	4912D35	4948D36	4973
22	88.1	4774^33	4912^35	4949^36	4774D30	4912D35	4949D36	4975
20	87.8	4781^33	4913^35	4950^36	4781D31	4913D35	4950D36	4976
10	86.3	4794^33	4905^35	4943^36	4794D33	4905D35	4943D36	4971

High QNH **+0** per .10" — Engine A/I ON **-810**
Low QNH **-170** per .10" — Wing A/I ON **-810**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.7	4450^28-28-38	4565^30-30-39	4597^31-31-40	4644^38-38-46
46	91.0	4546^30-30-39	4676^32-32-41	4709^32-32-42	4742^39-39-48
44	91.1	4619^31-31-40	4761^33-33-42	4809^34-34-43	4842^34-34-43
42	90.9	4673^31-31-41	4818^34-34-43	4867^35-35-44	4918^36-36-45
40	90.8	4706^32-32-42	4852^34-34-44	4901^35-35-44	4952^36-36-45
38	90.5	4719^32-32-42	4863^35-35-44	4913^35-35-45	4960C36-36-45
36	90.2	4725^32-32-42	4870^35-35-44	4920^35-35-45	4962C36-36-45
34	89.9	4733^32-32-42	4877^35-35-44	4926^36-36-45	4964C36-36-45
32	89.6	4740^32-32-42	4884^35-35-44	4934^36-36-45	4966C36-36-45
30	89.4	4746^33-33-42	4891^35-35-44	4941^36-36-45	4968C36-36-45
28	89.0	4753^33-33-42	4898^35-35-44	4946^36-36-45	4970C36-36-45
26	88.7	4761^33-33-42	4905^35-35-44	4947^36-36-45	4972^42-42-51
24	88.4	4767^33-33-42	4912^35-35-45	4948^36-36-45	4980^42-42-51
22	88.1	4774^33-33-43	4912^35-35-45	4949^36-36-45	4988^43-43-51
20	87.8	4781^33-33-43	4913^35-35-45	4950^36-36-45	4991C43-43-52
10	86.3	4794^33-33-43	4921^41-41-50	4974^42-42-51	4985C42-42-51

High QNH **+0** per .10" — Engine A/I ON **-640**
Low QNH **-170** per .10" — Wing A/I ON **-640**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	464	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.38
Rwy Rev.		Program						Rules	FAA		**03 Mar 23**

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BAHIAS DE HUATULCO -HUX 25 *DT H256*

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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	4450^28	4565^30	4597^31	4444^28	4559^30	4592^31			
46	4546^30	4676^32	4709^32	4538^30	4670^32	4703^32			
44	4619^31	4761^33	4809^34	4611^31	4754^33	4804^34			
42	4673^31	4818^34	4867^35	4666^31	4811^34	4860^35			
40	4706^32	4852^34	4901^35	4700^32	4845^34	4895^35			
38	4719^32	4863^35	4913^35	4712^32	4856^34	4907^35			
36	4725^32	4870^35	4920^35	4719^32	4864^35	4913^35			
34	4733^32	4877^35	4926^36	4727^32	4871^35	4921^36			
32	4740^32	4884^35	4934^36	4733^32	4878^35	4928^36			
30	4746^33	4891^35	4941^36	4740^32	4885^35	4934^36			
28	4753^33	4898^35	4946^36	4747^33	4892^35	4941^36			
26	4761^33	4905^35	4947^36	4754^33	4899^35	4942^36			
24	4767^33	4912^35	4948^36	4761^33	4907^35	4943^36			
10	4794^33	4905^35	4943^36	4713^32	4823^34	4860^35			
	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 **-810**			Engine A/I ON **+0**			Engine A/I ON		
	Wing A/I ON **-810**			Wing A/I ON **+0**			Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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	4450D24	4565D31	4597D31	4444D24	4559D30	4592D31			
46	4545^25	4676D32	4709D33	4538D25	4670D32	4703D33			
44	4615^26	4761D33	4809D34	4608^25	4754D33	4804D34			
42	4668^26	4818D35	4867D35	4661^26	4811D35	4860D35			
40	4701^27	4852D35	4901D36	4694^27	4845D35	4895D36			
38	4716^27	4863D35	4913D36	4709^27	4856D35	4907D36			
36	4725D28	4870D35	4920D36	4719D28	4864D35	4913D36			
34	4733D28	4877D35	4926D36	4727D28	4871D35	4921D36			
32	4740D28	4884D35	4934D36	4733D28	4878D35	4928D36			
30	4746D29	4891D35	4941D36	4740D29	4885D35	4934D36			
28	4753D29	4898D35	4946D36	4747D29	4892D35	4941D36			
26	4761D30	4905D35	4947D36	4754D29	4899D35	4942D36			
24	4767D30	4912D35	4948D36	4761D30	4907D35	4943D36			
10	4794D33	4905D35	4943D36	4713D32	4823D34	4860D35			
	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 **-810**			Engine A/I ON **+0**			Engine A/I ON		
	Wing A/I ON **-810**			Wing A/I ON **+0**			Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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	4330F 7	4555^17	4629^20	4036F11	4265F20	4351F23			
26	4342F 7	4566^17	4640^20	4045F11	4277F21	4363F23			
24	4354F 7	4576^17	4652^21	4055F12	4289F21	4376F24			
22	4364F 8	4587^18	4663^21	4064F12	4301F21	4390F24			
20	4378F 8	4598^18	4674^21	4075F12	4313F22	4402F24			
15	4405F 9	4625^19	4702^23	4099F13	4344F22	4435F25			
10	4433F10	4648^20	4726^24	4122F14	4372F23	4467F26			
5	4461^11	4679^21	4758^25	4148F15	4407F24	4501^27			
0	4489^12	4708^22	4789^26	4177F16	4442F25	4539^28			
-5	4516^13	4737^24	4819^27	4206F17	4476F26	4575^29			
-10	4541^14	4765^25	4849^28	4233F18	4510F27	4611^30			
-15	4564^15	4792^26	4876^29	4260F19	4543^28	4649F31			
-20	4589^17	4821^27	4906^30	4290F20	4578^29	4698F32			
-25	4614^18	4850^28	4915^32	4319F21	4616^30	4747F32			
	High QNH **+50** per .10"			High QNH **+40** per .10"			High QNH per .10"		
	Low QNH **-50** per .10"			Low QNH **-60** per .10"			Low QNH per .10"		
	Engine A/I ON **-570**			Engine A/I ON **-470**			Engine A/I ON		
	Wing A/I ON **-570**			Wing A/I ON **-470**			Wing A/I ON		

Elevation	464	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.38
Rwy Rev.		Program						Rules	FAA		**03 Mar 23**

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Engine Failure Procedure

CLIMB AT	*VIA*	*REACHING*	*OR*	*TURN*	*FLAP RETRACT*	*HOLD*
		1033'		**DT H166**	**1033'**	

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
49	87.6	4133^22	4283^25	4339^26	4125^14	4283D24	4339D27	4662
48	87.6	4175^23	4325^26	4382^27	4164^15	4325D25	4382D28	4722
46	87.7	4259^24	4410^27	4468^28	4243^15	4410D25	4468D28	4841
44	87.6	4307^25	4459^28	4517^29	4289^16	4459D26	4517D29	4899
42	87.4	4323^25	4476^28	4535^29	4305^16	4476D26	4535D29	4947
40	87.1	4336^25	4491^28	4550^29	4320^16	4491D26	4550D29	4959
38	86.9	4344^25	4500^28	4559^29	4330^17	4500D27	4559D30	4961
36	86.6	4352^26	4509^28	4568^29	4339^17	4509D27	4568D30	4962
34	86.3	4360^26	4517^29	4577^30	4348^17	4517D27	4577D31	4964
32	86.0	4368^26	4526^29	4587^30	4358^18	4526D28	4587D31	4966
30	85.7	4376^26	4536^29	4597^30	4369^18	4536D28	4597D31	4968
28	85.5	4384^26	4545^29	4606^30	4378^18	4545D28	4606D31	4970
26	85.2	4393^26	4555^29	4615^30	4388^19	4555D29	4615D32	4971
24	84.9	4401^26	4565^29	4625^30	4399^19	4565D29	4625D32	4973
22	84.6	4409^27	4574^30	4634^31	4408^20	4574D30	4634D32	4975
10	82.8	4454^27	4626^30	4686^31	4454D22	4626D32	4686D33	4973

High QNH **+70** per .10" Engine A/I ON **-510**
Low QNH **-160** per .10" Wing A/I ON **-510**

A/C **AUTO**

OAT ˚C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4186^23	4340^26	4395^27	4174^16	4340D26	4395D29	4662
48	90.8	4229^24	4384^27	4440^28	4215^16	4384D26	4440D29	4722
46	90.9	4317^25	4473^28	4529^29	4295^17	4473D27	4529D30	4841
44	90.8	4373^26	4531^29	4589^30	4349^17	4531D27	4589D31	4899
42	90.5	4401^26	4562^29	4620^30	4377^18	4562D28	4620D31	4947
40	90.2	4414^27	4576^30	4635^31	4392^18	4576D28	4635D32	4959
38	90.0	4423^27	4585^30	4643^31	4402^19	4585D29	4643D32	4961
36	89.7	4430^27	4594^30	4652^31	4411^19	4594D29	4652D32	4962
34	89.4	4437^27	4602^30	4660^31	4421^19	4602D30	4660D32	4964
32	89.1	4445^27	4612^30	4669^31	4431^20	4612D30	4669D33	4966
30	88.8	4453^27	4621^30	4678^31	4441^20	4621D30	4678D33	4968
28	88.5	4462^28	4630^31	4687^32	4452^21	4630D31	4687D33	4970
26	88.2	4471^28	4639^31	4696^32	4463^21	4639D31	4696D33	4971
24	87.9	4480^28	4648^31	4705^32	4473^21	4648D32	4705D33	4973
22	87.6	4488^28	4657^31	4714^32	4484^22	4657D32	4714D33	4975
10	85.8	4536^29	4705^32	4762^33	4536D24	4705D33	4762D34	4973

High QNH **+70** per .10" Engine A/I ON **-560**
Low QNH **-160** per .10" Wing A/I ON **-560**

A/C **AUTO**

OAT ˚C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4186^23-23-34	4340^26-26-36	4395^27-27-37	4450^28-28-38
48	90.8	4229^24-24-34	4384^27-27-37	4440^28-28-38	4496^29-29-38
46	90.9	4317^25-25-36	4473^28-28-38	4529^29-29-39	4587^30-30-40
44	90.8	4373^26-26-37	4531^29-29-39	4589^30-30-40	4647^31-31-41
42	90.5	4401^26-26-37	4562^29-29-39	4620^30-30-40	4677^31-31-41
40	90.2	4414^27-27-37	4576^30-30-40	4635^31-31-40	4693^32-32-41
38	90.0	4423^27-27-37	4585^30-30-40	4643^31-31-41	4701^32-32-41
36	89.7	4430^27-27-37	4594^30-30-40	4652^31-31-41	4710^32-32-42
34	89.4	4437^27-27-38	4602^30-30-40	4660^31-31-41	4718^32-32-42
32	89.1	4445^27-27-38	4612^30-30-40	4669^31-31-41	4728^32-32-42
30	88.8	4453^27-27-38	4621^30-30-40	4678^31-31-41	4737^32-32-42
28	88.5	4462^28-28-38	4630^31-31-40	4687^32-32-41	4746^33-33-42
26	88.2	4471^28-28-38	4639^31-31-41	4696^32-32-41	4755^33-33-42
24	87.9	4480^28-28-38	4648^31-31-41	4705^32-32-42	4764^33-33-42
22	87.6	4488^28-28-38	4657^31-31-41	4714^32-32-42	4773^33-33-42
10	85.8	4536^29-29-39	4705^32-32-42	4762^33-33-42	4821^34-34-43

High QNH **+70** per .10" Engine A/I ON **-560**
Low QNH **-160** per .10" Wing A/I ON **-560**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	33	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**19 Oct 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4229^24	4384^27	4440^28
46	4317^25	4473^28	4529^29
44	4373^26	4531^29	4589^30
42	4401^26	4562^29	4620^30
40	4414^27	4576^30	4635^31
38	4423^27	4585^30	4643^31
36	4430^27	4594^30	4652^31
34	4437^27	4602^30	4660^31
32	4445^27	4612^30	4669^31
30	4453^27	4621^30	4678^31
28	4462^28	4630^31	4687^32
26	4471^28	4639^31	4696^32
24	4480^28	4648^31	4705^32
10	4536^29	4705^32	4762^33

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

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

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4223^24	4377^27	4433^28
46	4309^25	4464^28	4522^29
44	4365^26	4522^29	4581^30
42	4393^26	4553^29	4612^30
40	4408^27	4569^29	4627^31
38	4415^27	4578^30	4636^31
36	4423^27	4586^30	4644^31
34	4431^27	4595^30	4653^31
32	4439^27	4604^30	4662^31
30	4446^27	4614^30	4671^31
28	4455^27	4623^30	4680^31
26	4464^28	4632^31	4689^32
24	4473^28	4641^31	4698^32
10	4484^28	4648^31	4705^32

High QNH **+70** per .10"
Low QNH **-160** 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	4215^16	4384D26	4440D29
46	4295^17	4473D27	4529D30
44	4349^17	4531D27	4589D31
42	4377^18	4562D28	4620D31
40	4392^18	4576D28	4635D32
38	4402^19	4585D29	4643D32
36	4411^19	4594D29	4652D32
34	4421^19	4602D30	4660D32
32	4431^20	4612D30	4669D33
30	4441^20	4621D30	4678D33
28	4452^21	4630D31	4687D33
26	4463^21	4639D31	4696D33
24	4473^21	4648D32	4705D33
10	4536D24	4705D33	4762D34

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

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

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4208^16	4377D26	4433D29
46	4289^17	4464D27	4522D30
44	4342^17	4522D27	4581D30
42	4371^18	4553D28	4612D31
40	4385^18	4569D28	4627D32
38	4396^19	4578D29	4636D32
36	4405^19	4586D29	4644D32
34	4414^19	4595D29	4653D32
32	4425^20	4604D30	4662D32
30	4435^20	4614D30	4671D33
28	4445^20	4623D31	4680D33
26	4456^21	4632D31	4689D33
24	4467^21	4641D31	4698D33
10	4484D24	4648D32	4705D33

High QNH **+70** 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	3823F98	4214^ 7	4292^11
26	3944F98	4226^ 8	4301^11
24	4014^98	4236^ 8	4313^12
22	4023^98	4246^ 8	4324^12
20	4034^98	4257^ 9	4334^12
15	4057^99	4283^10	4362^13
10	4081^ 0	4309^11	4387^14
5	4108^ 1	4338^12	4417^16
0	4135^ 2	4368^13	4448^17
-5	4161^ 3	4397^14	4479^18
-10	4187^ 4	4425^15	4511^19
-15	4211^ 5	4453^16	4542^20
-20	4239^ 6	4483^18	4576^21
-25	4266^ 8	4515^19	4611^22

High QNH **+70** per .10"
Low QNH **-60** per .10"

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

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3561F 2	3990F10	4153F13
26	3576F 3	4008F11	4172F13
24	3589F 3	4026F11	4192F13
22	3596F 3	4044F11	4210F14
20	3609F 3	4063F11	4230F14
15	3636F 4	4109F12	4279F15
10	3672F 5	4158F13	4280^15
5	3710F 6	4209F14	4283^15
0	3751F 7	4242^14	4285^15
-5	3794^ 7	4241^14	4285^15
-10	3839^ 8	4238^14	4283^15
-15	3892F 9	4234^14	4279^15
-20	3932F10	4230^14	4277^15
-25	3987F10	4226^14	4274^15

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

Engine A/I ON **-740**
Wing A/I ON **-740**

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	33	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**19 Oct 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1033'		**DT H346**	**1033'**	

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
49	87.6	4309^26	4462^28	4514^29	4248F14	4462D23	4514D27	4662
48	87.6	4354^26	4509^29	4562^30	4285F14	4509D24	4562D27	4722
46	87.7	4437F27	4603^30	4657^31	4357F14	4598^24	4657D27	4841
44	87.6	4483F28	4657^31	4712^32	4402F15	4649^25	4712D28	4899
42	87.4	4500F28	4674^31	4730^32	4420F15	4668^25	4730D28	4947
40	87.1	4514F28	4689^32	4746^33	4437F16	4684^25	4746D29	4959
38	86.9	4525F29	4696^32	4752^33	4449F16	4693^26	4752D29	4961
36	86.6	4536F29	4704^32	4760^33	4461F16	4702^26	4760D29	4962
34	86.3	4548F29	4712^32	4767^33	4473F17	4712D26	4767D30	4964
32	86.0	4555^29	4720^32	4776^33	4486F17	4720D27	4776D30	4966
30	85.7	4563^29	4728^32	4784^33	4499F17	4728D27	4784D30	4968
28	85.5	4571^29	4735^32	4792^33	4512F18	4735D28	4792D31	4970
26	85.2	4579^30	4743^32	4800^33	4525F18	4743D28	4800D31	4971
24	84.9	4588^30	4752^33	4808^34	4538F18	4752D28	4808D32	4973
22	84.6	4596^30	4759^33	4816^34	4551F19	4759D29	4816D32	4975
10	82.8	4637^31	4800^33	4857^34	4609^21	4800D31	4857D34	4973

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4360^27	4509^29	4560^30	4309^15	4509D25	4560D28	4662
48	90.8	4407^27	4557^30	4609^31	4352^15	4557D25	4609D29	4722
46	90.9	4500^29	4655^31	4709^32	4433F16	4652^26	4709D29	4841
44	90.8	4559^29	4716^32	4770^33	4488F16	4710^27	4770D30	4899
42	90.5	4589^30	4746^33	4800^34	4520^17	4742^27	4800D31	4947
40	90.2	4603^30	4761^33	4814^34	4536^17	4758^28	4814D31	4959
38	90.0	4610^30	4768^33	4822^34	4546^18	4767^28	4822D31	4961
36	89.7	4617^30	4775^33	4829^34	4555^18	4775D28	4829D32	4962
34	89.4	4624^30	4782^33	4836^34	4564^19	4782D29	4836D32	4964
32	89.1	4632^31	4789^33	4844^34	4575^19	4789D29	4844D33	4966
30	88.8	4639^31	4797^33	4851^34	4584^19	4797D30	4851D33	4968
28	88.5	4647^31	4805^34	4859^34	4594^20	4805D30	4859D33	4970
26	88.2	4654^31	4812^34	4866^35	4604^20	4812D30	4866D34	4971
24	87.9	4662^31	4820^34	4874^35	4614^20	4820D31	4874D34	4973
22	87.6	4669^31	4827^34	4881^35	4624^21	4827D31	4881D35	4975
10	85.8	4696^32	4845^34	4896^35	4677^23	4845D34	4896D35	4973

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4360^27-27-36	4509^29-29-39	4560^30-30-39	4611^31-31-40
48	90.8	4407^27-27-37	4557^30-30-39	4609^31-31-40	4661^32-32-41
46	90.9	4500^29-29-39	4655^31-31-41	4709^32-32-42	4762^33-33-42
44	90.8	4559^29-29-39	4716^32-32-42	4770^33-33-42	4825^34-34-43
42	90.5	4589^30-30-40	4746^33-33-42	4800^34-34-43	4854^34-34-44
40	90.2	4603^30-30-40	4761^33-33-42	4814^34-34-43	4870^35-35-44
38	90.0	4610^30-30-40	4768^33-33-42	4822^34-34-43	4877^35-35-44
36	89.7	4617^30-30-40	4775^33-33-43	4829^34-34-43	4883^35-35-44
34	89.4	4624^30-30-40	4782^33-33-43	4836^34-34-43	4891^35-35-44
32	89.1	4632^31-31-40	4789^33-33-43	4844^34-34-44	4898^35-35-44
30	88.8	4639^31-31-41	4797^33-33-43	4851^34-34-44	4906^35-35-44
28	88.5	4647^31-31-41	4805^34-34-43	4859^34-34-44	4914^35-35-45
26	88.2	4654^31-31-41	4812^34-34-43	4866^35-35-44	4921^35-35-45
24	87.9	4662^31-31-41	4820^34-34-43	4874^35-35-44	4929^36-36-45
22	87.6	4669^31-31-41	4827^34-34-43	4881^35-35-44	4933^36-36-45
10	85.8	4696^32-32-41	4845^34-34-44	4896^35-35-44	4948^36-36-45

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

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	33	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**19 Oct 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4407^27	4557^30	4609^31
46	4500^29	4655^31	4709^32
44	4559^29	4716^32	4770^33
42	4589^30	4746^33	4800^34
40	4603^30	4761^33	4814^34
38	4610^30	4768^33	4822^34
36	4617^30	4775^33	4829^34
34	4624^30	4782^33	4836^34
32	4632^31	4789^33	4844^34
30	4639^31	4797^33	4851^34
28	4647^31	4805^34	4859^34
26	4654^31	4812^34	4866^35
24	4662^31	4820^34	4874^35
10	4696^32	4845^34	4896^35

High QNH **+30** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-750**
Wing A/I ON **-750**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4399^27	4550^30	4602^31
46	4492^28	4647^31	4701^32
44	4551^29	4709^32	4762^33
42	4581^30	4738^32	4792^33
40	4595^30	4753^33	4808^34
38	4603^30	4761^33	4815^34
36	4610^30	4768^33	4822^34
34	4618^30	4775^33	4829^34
32	4625^30	4783^33	4837^34
30	4632^31	4790^33	4845^34
28	4641^31	4798^33	4852^34
26	4648^31	4805^34	4860^34
24	4655^31	4813^34	4867^35
10	4623^31	4769^33	4820^34

High QNH **+30** 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	4352^15	4557D25	4609D29
46	4433F16	4652^26	4709D29
44	4488F16	4710^27	4770D30
42	4520^17	4742^27	4800D31
40	4536^17	4758^28	4814D31
38	4546^18	4767^28	4822D31
36	4555^18	4775D28	4829D32
34	4564^19	4782D29	4836D32
32	4575^19	4789D29	4844D33
30	4584^19	4797D30	4851D33
28	4594^20	4805D30	4859D33
26	4604^20	4812D30	4866D34
24	4614^20	4820D31	4874D34
10	4677^23	4845D34	4896D35

High QNH **+30** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-750**
Wing A/I ON **-750**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4345^15	4550D25	4602D28
46	4425F16	4644^26	4701D29
44	4480F16	4703^26	4762D30
42	4515F17	4734^27	4792D30
40	4532F17	4750^28	4808D31
38	4540^18	4760^28	4815D31
36	4549^18	4768D28	4822D32
34	4558^18	4775D29	4829D32
32	4568^19	4783D29	4837D32
30	4578^19	4790D29	4845D33
28	4588^20	4798D30	4852D33
26	4598^20	4805D30	4860D34
24	4608^20	4813D31	4867D34
10	4616^23	4769D34	4820D34

High QNH **+30** 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	3823F98	4268F 7	4363F10
26	3944F98	4281F 7	4376F11
24	4030F98	4293F 8	4389F11
22	4040F98	4305F 8	4402F12
20	4052F98	4318F 9	4415F12
15	4076F99	4348F10	4447F13
10	4103F 0	4379F11	4478F14
5	4133F 1	4413F12	4515F15
0	4162F 2	4449F13	4552F16
-5	4192F 3	4484F14	4589F17
-10	4219F 4	4516F15	4626F18
-15	4249F 5	4552F16	4662F19
-20	4283F 6	4590F17	4702F20
-25	4314F 7	4627F18	4730^22

High QNH **+80** per .10"
Low QNH **-60** per .10"

Engine A/I ON **-470**
Wing A/I ON **-470**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3561F 2	3990F10	4153F13
26	3576F 3	4008F11	4172F13
24	3589F 3	4026F11	4192F13
22	3596F 3	4044F11	4210F14
20	3609F 3	4063F11	4230F14
15	3636F 4	4109F12	4279F15
10	3672F 5	4158F13	4280^15
5	3710F 6	4209F14	4283^15
0	3751F 6	4242^14	4285^15
-5	3795F 7	4241^14	4285^15
-10	3842F 8	4238^14	4283^15
-15	3892F 9	4234^14	4279^15
-20	3932F10	4230^14	4277^15
-25	3987F10	4226^14	4274^15

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

Engine A/I ON **-740**
Wing A/I ON **-740**

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	33	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**19 Oct 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1023'		DT H126	1023'	

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
49	87.6	4480^29	4579^31	4612^31	4473^19	4579D29	4612D31	4664
48	87.6	4538^30	4637^31	4670^32	4523F19	4637D29	4670D32	4724
46	87.7	4650^31	4750^33	4783^33	4601F20	4750D30	4783D33	4843
44	87.6	4730^32	4833^34	4868^35	4649F20	4833D30	4868D33	4900
42	87.4	4754F33	4884^35	4919^36	4667F20	4883^30	4919D33	4947
40	87.1	4771F33	4891^35	4926^36	4684F21	4891^31	4926D34	4959
38	86.8	4782F33	4893^35	4928^36	4697F21	4893D31	4928D34	4961
36	86.6	4789^33	4895^35	4930^36	4709F21	4895D31	4930D35	4962
34	86.3	4789^33	4896^35	4931^36	4722F22	4896D32	4931D35	4964
32	86.0	4790^33	4897^35	4933^36	4736F22	4897D32	4933D36	4966
30	85.7	4790^33	4898^35	4934^36	4749F22	4898D33	4934D36	4968
28	85.4	4791^33	4899^35	4935^36	4763F23	4899D33	4935D36	4970
26	85.2	4791^33	4900^35	4936^36	4777F23	4900D34	4936D36	4971
24	84.9	4791^33	4901^35	4937^36	4785^24	4901D34	4937D36	4973
22	84.6	4791^33	4902^35	4938^36	4786^24	4902D34	4938D36	4975
10	82.8	4780^33	4894^35	4933^36	4779^27	4894D35	4933D36	4973

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4492^29	4589^31	4622^31	4486^21	4589D31	4622D31	4664
48	90.8	4550^30	4648^32	4680^32	4544^21	4648D31	4680D32	4724
46	90.9	4663^31	4843C33	4795^34	4654^21	4767^32	4795D34	4843
44	90.8	4745^33	4847^34	4881^35	4735^22	4847D32	4881D35	4900
42	90.5	4798^33	4901^35	4936^36	4780F23	4901D33	4936D36	4947
40	90.2	4805^34	4908^35	4943^36	4794^23	4908D33	4943D36	4959
38	89.9	4807^34	4910^35	4945^36	4797^23	4910D34	4945D36	4961
36	89.7	4807^34	4912^35	4946^36	4798^24	4912D34	4946D36	4962
34	89.4	4807^34	4913^35	4947^36	4799^24	4913D35	4947D36	4964
32	89.1	4808^34	4914^35	4949^36	4800^25	4914D35	4949D36	4966
30	88.8	4808^34	4915^35	4950^36	4801^25	4915D36	4950D36	4968
28	88.5	4809^34	4916^35	4951^36	4803^25	4916D36	4951D36	4970
26	88.2	4809^34	4917^35	4952^36	4804^26	4917D36	4952D36	4971
24	87.9	4809^34	4918^35	4953^36	4805^26	4918D36	4953D36	4973
22	87.6	4809^34	4918^35	4954^36	4806^27	4918D36	4954D36	4975
10	85.8	4798^33	4910^35	4948^36	4798D30	4910D35	4948D36	4973

High QNH **+0** per .10" Engine A/I ON **-840**
Low QNH **-450** per .10" Wing A/I ON **-840**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4511F35-35-44	4696C38-38-47	4696C38-38-47	4696C38-38-47
48	90.8	4553F36-36-45	4757C39-39-48	4757C39-39-48	4757C39-39-48
46	90.9	4663^31-31-41	4882C41-41-50	4882C41-41-50	4882C41-41-50
44	90.8	4745^33-33-42	4948C42-42-51	4948C42-42-51	4948C42-42-51
42	90.5	4798^33-33-43	4962C42-42-51	4962C42-42-51	4962C42-42-51
40	90.2	4805^34-34-43	4974C42-42-51	4974C42-42-51	4974C42-42-51
38	89.9	4807^34-34-43	4975C42-42-51	4975C42-42-51	4975C42-42-51
36	89.7	4807^34-34-43	4975C42-42-51	4975C42-42-51	4975C42-42-51
34	89.4	4807^34-34-43	4977C42-42-51	4977C42-42-51	4977C42-42-51
32	89.1	4808^34-34-43	4979C42-42-51	4979C42-42-51	4979C42-42-51
30	88.8	4818F40-40-49	4981C42-42-51	4981C42-42-51	4981C42-42-51
28	88.5	4830F40-40-49	4982C42-42-51	4982C42-42-51	4982C42-42-51
26	88.2	4842F40-40-49	4984C42-42-51	4984C42-42-51	4984C42-42-51
24	87.9	4852F40-40-49	4986C42-42-51	4986C42-42-51	4986C42-42-51
22	87.6	4865F40-40-50	4988C43-43-51	4988C43-43-51	4988C43-43-51
10	85.8	4939F42-42-51	4986C42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+40** per .10" Engine A/I ON **-840**
Low QNH **-180** per .10" Wing A/I ON **-840**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	23	Length	9186	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.05
Rwy Rev.		Program						Rules	FAA		**28 Apr 22**

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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	4843C33	4795^34
44	4745^33	4847^34	4881^35
42	4798^33	4901^35	4936^36
40	4805^34	4908^35	4943^36
38	4807^34	4910^35	4945^36
36	4807^34	4912^35	4946^36
34	4807^34	4913^35	4947^36
32	4808^34	4914^35	4949^36
30	4808^34	4915^35	4950^36
28	4809^34	4916^35	4951^36
26	4809^34	4917^35	4952^36
24	4809^34	4918^35	4953^36
10	4798^33	4910^35	4948D36

High QNH **+0** per .10"
Low QNH **-450** per .10"

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4544^30	4642^31	4675^32
4657^31	4756^33	4789^34
4740^33	4841^34	4875^35
4793^33	4896^35	4931^36
4801^33	4904^35	4938^36
4802^34	4906^35	4941^36
4802^34	4908^35	4942^36
4803^34	4909^35	4943^36
4803^34	4909^35	4944^36
4804^34	4910^35	4946^36
4804^34	4911^35	4947^36
4804^34	4912^35	4948^36
4804^34	4913^35	4949^36
4714^32	4825^34	4863^35

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	4544^21	4648D31	4680D32
46	4654^21	4767^32	4795D34
44	4735^22	4847D32	4881D35
42	4780F23	4901D33	4936D36
40	4794^23	4908D33	4943D36
38	4797^23	4910D34	4945D36
36	4798^24	4912D34	4946D36
34	4799^24	4913D35	4947D36
32	4800^25	4914D35	4949D36
30	4801^25	4915D36	4950D36
28	4803^25	4916D36	4951D36
26	4804^26	4917D36	4952D36
24	4805^26	4918D36	4953D36
10	4798D30	4910D35	4948D36

High QNH **+0** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4538^21	4642D31	4675D32
4648^21	4756D32	4789D34
4730^22	4841D32	4875D35
4771F22	4896D33	4931D36
4789F23	4904D33	4938D36
4792^23	4906D34	4941D36
4794^24	4908D34	4942D36
4795^24	4909D35	4943D36
4796^24	4909D35	4944D36
4797^25	4910D35	4946D36
4798^25	4911D35	4947D36
4799^26	4912D35	4948D36
4800^26	4913D35	4949D36
4714D30	4825D34	4863D35

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	4244F 3	4508F13	4604F16
26	4256F 3	4521F13	4618F16
24	4267F 3	4534F13	4631F17
22	4277F 4	4547F14	4645F17
20	4289F 4	4560F14	4659F17
15	4316F 5	4593F15	4692F18
10	4345F 6	4625F16	4725F19
5	4376F 7	4662F17	4763F20
0	4408F 8	4699F18	4801F21
-5	4440F 9	4735F19	4839F23
-10	4470F10	4771F20	4876F24
-15	4502F11	4806F21	4905^25
-20	4535F12	4845F23	4908^26
-25	4569F13	4858^24	4909^28

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

Engine A/I ON **-720**
Wing A/I ON **-720**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
3912F 8	4160F17	4249F20
3923F 8	4172F17	4262F20
3934F 8	4182F18	4274F21
3944F 9	4194F18	4286F21
3954F 9	4206F18	4299F22
3979F10	4236F19	4331F22
4006F11	4267F20	4364F23
4036F12	4301F21	4401F24
4065F13	4335F22	4435F25
4092F14	4368F23	4472F26
4118F15	4402F24	4508F27
4146F16	4436F25	4544F28
4176F17	4474F26	4584F29
4205F18	4511F27	4623F30

High QNH **+80** per .10"
Low QNH **-60** 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	23	Length	9186	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.05
Rwy Rev.		Program						Rules	FAA		**28 Apr 22**

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CANCUN **-CUN** **12R** ***DT H126***

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1023		**DT H126**	**1023**	

NOTAMS A9513/23

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
49	87.6	4480^29	4578^31	4611^31	4480D29	4578D31	4611D31	4664
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	4832^34	4868^35	4730D32	4832D34	4868D35	4900
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
28	85.4	4790^33	4899^35	4935^36	4790D33	4899D35	4935D36	4970
26	85.2	4791^33	4900^35	4936^36	4791D33	4900D35	4936D36	4971
24	84.9	4791^33	4901^35	4937^36	4791D33	4901D35	4937D36	4973
22	84.6	4791^33	4902^35	4938^36	4791D33	4902D35	4938D36	4975
10	82.8	4780^33	4894^35	4933^36	4780D33	4894D35	4933D36	4973

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4492^29	4589^31	4621^31	4492D29	4589D31	4621D31	4664
48	90.8	4550^30	4647^32	4680^32	4550D30	4647D32	4680D32	4724
46	90.9	4663^31	4762^33	4795^34	4663D32	4762D33	4795D34	4843
44	90.8	4745^33	4846^34	4880^35	4745D33	4846D34	4880D35	4900
42	90.5	4798^33	4900^35	4935^36	4798D34	4900D35	4935D36	4947
40	90.2	4805^34	4908^35	4942^36	4805D34	4908D35	4942D36	4959
38	89.9	4806^34	4910^35	4944^36	4806D34	4910D35	4944D36	4961
36	89.7	4807^34	4911^35	4946^36	4807D34	4911D35	4946D36	4962
34	89.4	4807^34	4912^35	4947^36	4807D34	4912D35	4947D36	4964
32	89.1	4808^34	4914^35	4948^36	4808D34	4914D35	4948D36	4966
30	88.8	4808^34	4915^35	4950^36	4808D34	4915D35	4950D36	4968
28	88.5	4808^34	4915^35	4951^36	4808D34	4915D35	4951D36	4970
26	88.2	4809^34	4916^35	4952^36	4809D34	4916D36	4952D36	4971
24	87.9	4809^34	4917^35	4953^36	4809D34	4917D36	4953D36	4973
22	87.6	4809^34	4918^35	4954^36	4809D34	4918D36	4954D36	4975
10	85.8	4798^33	4910^35	4948^36	4798D34	4910D35	4948D36	4973

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4625^37-37-46	4696C38-38-47	4696C38-38-47	4696C38-38-47
48	90.8	4685^38-38-47	4757C39-39-48	4757C39-39-48	4757C39-39-48
46	90.9	4803^40-40-49	4882C41-41-50	4882C41-41-50	4882C41-41-50
44	90.8	4890^41-41-50	4948C42-42-51	4948C42-42-51	4948C42-42-51
42	90.5	4945^42-42-51	4962C42-42-51	4962C42-42-51	4962C42-42-51
40	90.2	4951^42-42-51	4974C42-42-51	4974C42-42-51	4974C42-42-51
38	89.9	4952^42-42-51	4975C42-42-51	4975C42-42-51	4975C42-42-51
36	89.7	4953^42-42-51	4975C42-42-51	4975C42-42-51	4975C42-42-51
34	89.4	4953^42-42-51	4977C42-42-51	4977C42-42-51	4977C42-42-51
32	89.1	4954^42-42-51	4979C42-42-51	4979C42-42-51	4979C42-42-51
30	88.8	4955^42-42-51	4981C42-42-51	4981C42-42-51	4981C42-42-51
28	88.5	4955^42-42-51	4982C42-42-51	4982C42-42-51	4982C42-42-51
26	88.2	4955^42-42-51	4984C42-42-51	4984C42-42-51	4984C42-42-51
24	87.9	4956^42-42-51	4986C42-42-51	4986C42-42-51	4986C42-42-51
22	87.6	4956^42-42-51	4988C43-43-51	4988C43-43-51	4988C43-43-51
10	85.8	4945^42-42-51	4986C42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+40** per .10" Engine A/I ON **-840**
Low QNH **-180** per .10" Wing A/I ON **-840**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	23	Length	11483	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.02
Rwy Rev.		Program						Rules	FAA		**13 Nov 23**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP — Flaps 9

OAT °C	-10T	+0	+10H
48	4550^30	4647^32	4680^32
46	4663^31	4762^33	4795^34
44	4745^33	4846^34	4880^35
42	4798^33	4900^35	4935^36
40	4805^34	4908^35	4942^36
38	4806^34	4910^35	4944^36
36	4807^34	4911^35	4946^36
34	4807^34	4912^35	4947^36
32	4808^34	4914^35	4948^36
30	4808^34	4915^35	4950^36
28	4808^34	4915^35	4951^36
26	4809^34	4916^35	4952^36
24	4809^34	4917^35	4953^36
10	4798^33	4910^35	4948D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN — Flaps 9

OAT °C	-10T	+0	+10H
48	4544^30	4642^31	4674^32
46	4657^31	4756^33	4789^34
44	4739^33	4841^34	4875^35
42	4793^33	4895^35	4930^36
40	4800^33	4903^35	4938^36
38	4802^34	4906^35	4940^36
36	4803^34	4907^35	4942^36
34	4803^34	4908^35	4943^36
32	4803^34	4909^35	4944^36
30	4804^34	4910^35	4945^36
28	4804^34	4911^35	4946^36
26	4804^34	4912^35	4947^36
24	4804^34	4913^35	4948^36
10	4713^32	4825^34	4862^35

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	4550D30	4647D32	4680D32
46	4663D32	4762D33	4795D34
44	4745D33	4846D34	4880D35
42	4798D34	4900D35	4935D36
40	4805D34	4908D35	4942D36
38	4806D34	4910D35	4944D36
36	4807D34	4911D35	4946D36
34	4807D34	4912D35	4947D36
32	4808D34	4914D35	4948D36
30	4808D34	4915D35	4950D36
28	4808D34	4915D35	4951D36
26	4809D34	4916D36	4952D36
24	4809D34	4917D36	4953D36
10	4798D34	4910D35	4948D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN — Flaps 9

OAT °C	-10T	+0	+10H
48	4544D30	4642D32	4674D32
46	4657D31	4756D33	4789D34
44	4739D33	4841D34	4875D35
42	4793D34	4895D35	4930D36
40	4800D34	4903D35	4938D36
38	4802D34	4906D35	4940D36
36	4803D34	4907D35	4942D36
34	4803D34	4908D35	4943D36
32	4803D34	4909D35	4944D36
30	4804D34	4910D35	4945D36
28	4804D34	4911D35	4946D36
26	4804D34	4912D35	4947D36
24	4804D34	4913D35	4948D36
10	4713D32	4825D34	4862D35

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	4742F14	4876^24	4920^28
26	4751^14	4878^25	4922^28
24	4753^15	4881^25	4924^29
22	4754^15	4883^26	4927^29
20	4755^16	4885^26	4929^30
15	4755^17	4887^28	4932^31
10	4750^18	4885^29	4931^32
5	4755^19	4891^30	4938^34
0	4759^21	4897^31	4945^35
-5	4760^22	4902^33	4950^36
-10	4759^23	4904^34	4948^36
-15	4756^25	4902^35	4943^36
-20	4755^26	4899^35	4941^36
-25	4753^27	4896^35	4938^36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

LEVEL 2 CONTAM — Flaps 9

OAT °C	-10T	+0	+10H
28	4448F18	4700F27	4781F29
26	4460F18	4712F27	4793F30
24	4472F19	4725F27	4807F30
22	4483F19	4735F28	4817F30
20	4495F19	4747F28	4830F31
15	4525F20	4780F29	4866F32
10	4555F21	4811F30	4885^33
5	4587F22	4843^31	4899^34
0	4621F23	4854^32	4917^35
-5	4653F24	4865^33	4928^36
-10	4683F25	4878^34	4926^35
-15	4712^26	4880^35	4921^35
-20	4714^27	4878^35	4920^35
-25	4716^29	4874^35	4917^35

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

Engine A/I ON **-810**
Wing A/I ON **-810**

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	23	Length	11483	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.02
Rwy Rev.		Program						Rules	FAA		**13 Nov 23**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1023'		DT H306	1023'	

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
49	87.6	4455^28	4578^31	4610^31	4455D29	4578D31	4610D31	4664
48	87.6	4509^29	4636^31	4669^32	4509D30	4636D31	4669D32	4724
46	87.7	4617^31	4749^33	4783^33	4617D31	4749D33	4783D34	4843
44	87.6	4672^31	4814^34	4862^35	4672D32	4814D34	4862D35	4900
42	87.4	4697^32	4840^34	4889^35	4697D32	4840D35	4889D35	4947
40	87.1	4711^32	4854^34	4903^35	4711D32	4854D35	4903D36	4959
38	86.8	4714^32	4858^34	4906^35	4714D32	4858D35	4906D36	4961
36	86.6	4718^32	4861^34	4910^35	4718D32	4861D35	4910D36	4962
34	86.3	4720^32	4864^35	4914^35	4720D33	4864D35	4914D36	4964
32	86.0	4724^32	4869^35	4918^35	4724D33	4869D35	4918D36	4966
30	85.7	4729^32	4872^35	4922^35	4729D33	4872D35	4922D36	4968
28	85.4	4732^32	4876^35	4926^36	4732D33	4876D35	4926D36	4970
26	85.2	4736^32	4881^35	4930^36	4736D33	4881D35	4930D36	4971
24	84.9	4739^32	4884^35	4934^36	4739D33	4884D35	4934D36	4973
22	84.6	4742^32	4888^35	4938^36	4742D33	4888D35	4938D36	4975
10	82.8	4754^33	4893^35	4932^36	4754D33	4893D35	4932D36	4973

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

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4473^29	4588^31	4621^31	4473D29	4588D31	4621D31	4664
48	90.8	4528^29	4647^32	4680^32	4528D30	4647D32	4680D32	4724
46	90.9	4638^31	4761^33	4794^34	4638D31	4761D33	4794D34	4843
44	90.8	4695^32	4834^34	4880^35	4695D32	4834D34	4880D35	4900
42	90.5	4725^32	4865^35	4912^35	4725D33	4865D35	4912D36	4947
40	90.2	4739^32	4879^35	4927^36	4739D33	4879D35	4927D36	4959
38	89.9	4741^32	4882^35	4930^36	4741D33	4882D35	4930D36	4961
36	89.7	4744^33	4885^35	4933^36	4744D33	4885D35	4933D36	4962
34	89.4	4748^33	4889^35	4937^36	4748D33	4889D35	4937D36	4964
32	89.1	4751^33	4893^35	4941^36	4751D33	4893D35	4941D36	4966
30	88.8	4755^33	4896^35	4945^36	4755D33	4896D35	4945D36	4968
28	88.5	4758^33	4900^35	4948^36	4758D33	4900D35	4948D36	4970
26	88.2	4762^33	4904^35	4952^36	4762D33	4904D35	4952D36	4971
24	87.9	4765^33	4907^35	4953^36	4765D33	4907D36	4953D36	4973
22	87.6	4769^33	4911^35	4954^36	4769D33	4911D36	4954D36	4975
10	85.8	4778^33	4910^35	4948^36	4778D33	4910D35	4948D36	4973

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4508^35-35-44	4644^37-37-46	4690^38-38-47	4696C38-38-47
48	90.8	4562^36-36-45	4700^38-38-47	4747^39-39-48	4757C39-39-48
46	90.9	4672^37-37-47	4813^40-40-49	4861^41-41-50	4882C41-41-50
44	90.8	4731^38-38-48	4874^41-41-50	4922^41-41-50	4948C42-42-51
42	90.5	4761^39-39-48	4905^41-41-50	4955^42-42-51	4962C42-42-51
40	90.2	4775^39-39-48	4919^41-41-50	4968^42-42-51	4974C42-42-51
38	89.9	4778^39-39-48	4923^41-41-51	4972^42-42-51	4975C42-42-51
36	89.7	4782^39-39-48	4927^41-41-51	4975C42-42-51	4975C42-42-51
34	89.4	4786^39-39-48	4931^42-42-51	4977C42-42-51	4977C42-42-51
32	89.1	4790^39-39-48	4935^42-42-51	4979C42-42-51	4979C42-42-51
30	88.8	4793^39-39-49	4939^42-42-51	4981C42-42-51	4981C42-42-51
28	88.5	4797^39-39-49	4943^42-42-51	4982C42-42-51	4982C42-42-51
26	88.2	4801^39-39-49	4947^42-42-51	4984C42-42-51	4984C42-42-51
24	87.9	4805^39-39-49	4951^42-42-51	4986C42-42-51	4986C42-42-51
22	87.6	4809^39-39-49	4956^42-42-51	4988C43-43-51	4988C43-43-51
10	85.8	4822^40-40-49	4970^42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+30** per .10" Engine A/I ON **-780**
Low QNH **-180** per .10" Wing A/I ON **-780**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	23	Length	11483	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.02
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4528^29	4647^32	4680^32
46	4638^31	4761^33	4794^34
44	4695^32	4834^34	4880^35
42	4725^32	4865^35	4912^35
40	4739^32	4879^35	4927^36
38	4741^32	4882^35	4930^36
36	4744^33	4885^35	4933^36
34	4748^33	4889^35	4937^36
32	4751^33	4893^35	4941^36
30	4755^33	4896^35	4945^36
28	4758^33	4900^35	4948^36
26	4762^33	4904^35	4952^36
24	4765^33	4907^35	4953^36
10	4778^33	4910^35	4948^36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4522^29	4641^31	4674^32
4632^31	4755^33	4788^34
4689^32	4828^34	4874^35
4719^32	4859^35	4907^35
4733^32	4874^35	4922^36
4737^32	4877^35	4925^36
4740^32	4881^35	4929^36
4743^33	4885^35	4932^36
4747^33	4888^35	4936^36
4750^33	4892^35	4940^36
4754^33	4896^35	4944^36
4757^33	4899^35	4947^36
4761^33	4903^35	4948^36
4703^32	4824^34	4862^35

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	4528D30	4647D32	4680D32
46	4638D31	4761D33	4794D34
44	4695D32	4834D34	4880D35
42	4725D33	4865D35	4912D36
40	4739D33	4879D35	4927D36
38	4741D33	4882D35	4930D36
36	4744D33	4885D35	4933D36
34	4748D33	4889D35	4937D36
32	4751D33	4893D35	4941D36
30	4755D33	4896D35	4945D36
28	4758D33	4900D35	4948D36
26	4762D33	4904D35	4952D36
24	4765D33	4907D36	4953D36
10	4778D33	4910D35	4948D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4522D30	4641D32	4674D32
4632D31	4755D33	4788D34
4689D32	4828D34	4874D35
4719D33	4859D35	4907D36
4733D33	4874D35	4922D36
4737D33	4877D35	4925D36
4740D33	4881D35	4929D36
4743D33	4885D35	4932D36
4747D33	4888D35	4936D36
4750D33	4892D35	4940D36
4754D33	4896D35	4944D36
4757D33	4899D35	4947D36
4761D33	4903D35	4948D36
4703D32	4824D34	4862D35

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	4623^15	4806^25	4869^28
26	4629^15	4811^25	4875^29
24	4634^16	4818^26	4881^29
22	4641^16	4824^26	4888^30
20	4646^17	4831^27	4895^30
15	4660^18	4846^28	4911^31
10	4667^19	4855^29	4920^33
5	4684^20	4872^30	4938^34
0	4700^21	4889^32	4945^35
-5	4714^22	4902^33	4949^36
-10	4726^24	4904^34	4947^36
-15	4735^25	4901^35	4942^36
-20	4748^26	4899^35	4940^36
-25	4753^28	4895^35	4938^36

High QNH **+10** per .10"
Low QNH **-30** per .10"

Engine A/I ON **-840**
Wing A/I ON **-840**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
4411^18	4643^27	4725^30
4421^19	4654^28	4737^30
4433^19	4666^28	4751^31
4443^19	4678^28	4762^31
4454^20	4691^29	4777^31
4481^21	4721^30	4812^32
4507^22	4752^31	4838^33
4538^23	4782^31	4871^34
4569^24	4808^32	4902^35
4597^25	4836^33	4911^35
4626^26	4866^34	4918^35
4643^27	4868^35	4921^35
4661^28	4877^35	4919^35
4678^29	4874^35	4917^35

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

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

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

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

Engine A/I ON
Wing A/I ON

Elevation	23	Length	11483	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.02
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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CANCUN **-CUN** **30R** ***DT H306***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1023'		**DT H306**	**1023'**	

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
49	87.6	4391^27	4531^30	4578^31	4375^20	4531D29	4578D31	4664
48	87.6	4437^28	4586^30	4633^31	4418^20	4586D30	4633D32	4724
46	87.7	4527^29	4686^32	4742^33	4501^20	4686D30	4742D33	4843
44	87.6	4578^30	4740^33	4796^33	4550^21	4740D30	4796D34	4900
42	87.4	4595^30	4757^33	4815^34	4567^21	4757D31	4815D34	4947
40	87.1	4609^30	4773^33	4830^34	4583^21	4773D31	4830D34	4959
38	86.8	4617^30	4781^33	4838^34	4593^22	4781D32	4838D35	4961
36	86.6	4625^30	4789^33	4846^34	4603^22	4789D32	4846D35	4962
34	86.3	4633^31	4797^33	4852^34	4613^23	4797D32	4852D35	4964
32	86.0	4642^31	4806^34	4856^34	4623^23	4806D33	4856D35	4966
30	85.7	4649^31	4810^34	4861^34	4634^23	4810D33	4861D35	4968
28	85.4	4658^31	4813^34	4865^35	4644^24	4813D34	4865D35	4970
26	85.2	4666^31	4817^34	4869^35	4655^24	4817D34	4869D35	4971
24	84.9	4673^31	4822^34	4873^35	4664^24	4822D34	4873D35	4973
22	84.6	4677^31	4826^34	4877^35	4674^25	4826D34	4877D35	4975
10	82.8	4689^32	4839^34	4892^35	4689D27	4839D34	4892D35	4973

High QNH **+30** per .10" Engine A/I ON **-730**
Low QNH **-170** per .10" Wing A/I ON **-730**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4413^28	4548^30	4595^31	4409^21	4548D30	4595D31	4664
48	90.8	4467^28	4604^31	4651^32	4461^22	4604D31	4651D32	4724
46	90.9	4574^30	4714^32	4762^33	4559^22	4714D32	4762D33	4843
44	90.8	4630^31	4773^33	4822^34	4617^23	4773D33	4822D34	4900
42	90.5	4660^31	4803^34	4852^34	4648^23	4803D34	4852D35	4947
40	90.2	4673^31	4817^34	4866^35	4663^24	4817D34	4866D35	4959
38	89.9	4677^31	4820^34	4870^35	4667^24	4820D34	4870D35	4961
36	89.7	4680^31	4824^34	4873^35	4672^25	4824D34	4873D35	4962
34	89.4	4682^31	4828^34	4877^35	4677^25	4828D34	4877D35	4964
32	89.1	4686^32	4831^34	4881^35	4683^25	4831D34	4881D35	4966
30	88.8	4690^32	4835^34	4885^35	4687^26	4835D34	4885D35	4968
28	88.5	4693^32	4839^34	4889^35	4693^26	4839D34	4889D35	4970
26	88.2	4698^32	4843^34	4893^35	4697^27	4843D35	4893D35	4971
24	87.9	4701^32	4847^34	4896^35	4701D27	4847D35	4896D35	4973
22	87.6	4705^32	4851^34	4900^35	4705D27	4851D35	4900D35	4975
10	85.8	4716^32	4863^34	4914^35	4716D30	4863D35	4914D36	4973

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4413^28-28-37	4548^30-30-39	4595^31-31-40	4641^32-32-41
48	90.8	4467^28-28-38	4604^31-31-40	4651^32-32-41	4698^32-32-41
46	90.9	4574^30-30-40	4714^32-32-42	4762^33-33-42	4811^34-34-43
44	90.8	4630^31-31-40	4773^33-33-42	4822^34-34-43	4871^35-35-44
42	90.5	4660^31-31-41	4803^34-34-43	4852^34-34-44	4902^35-35-44
40	90.2	4673^31-31-41	4817^34-34-43	4866^35-35-44	4916^35-35-45
38	89.9	4677^31-31-41	4820^34-34-43	4870^35-35-44	4919^35-35-45
36	89.7	4680^31-31-41	4824^34-34-43	4873^35-35-44	4923^36-36-45
34	89.4	4682^31-31-41	4828^34-34-43	4877^35-35-44	4927^36-36-45
32	89.1	4686^32-32-41	4831^34-34-43	4881^35-35-44	4931^36-36-45
30	88.8	4690^32-32-41	4835^34-34-43	4885^35-35-44	4937^42-42-51
28	88.5	4693^32-32-41	4839^34-34-43	4889^35-35-44	4947^42-42-51
26	88.2	4698^32-32-41	4843^34-34-43	4897^41-41-50	4956^42-42-51
24	87.9	4701^32-32-41	4850^40-40-49	4907^41-41-50	4965^42-42-51
22	87.6	4705^32-32-42	4859^40-40-50	4916^41-41-50	4974^42-42-51
10	85.8	4741^38-38-48	4904^41-41-50	4956^42-42-51	4986C42-42-51

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

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	23	Length	9186	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.05
Rwy Rev.		Program						Rules	FAA		**28 Apr 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4467^28	4604^31	4651^32
46	4574^30	4714^32	4762^33
44	4630^31	4773^33	4822^34
42	4660^31	4803^34	4852^34
40	4673^31	4817^34	4866^35
38	4677^31	4820^34	4870^35
36	4680^31	4824^34	4873^35
34	4682^31	4828^34	4877^35
32	4686^32	4831^34	4881^35
30	4690^32	4835^34	4885^35
28	4693^32	4839^34	4889^35
26	4698^32	4843^34	4893^35
24	4701^32	4847^34	4896^35
10	4716^32	4863^34	4914^35

High QNH **+30** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-750**
Wing A/I ON **-750**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4461^28	4598^31	4645^32
46	4567^30	4708^32	4756^33
44	4625^31	4767^33	4815^34
42	4654^31	4797^33	4846^34
40	4668^31	4812^34	4861^35
38	4672^31	4816^34	4865^35
36	4675^31	4819^34	4869^35
34	4678^31	4823^34	4873^35
32	4682^31	4827^34	4877^35
30	4685^31	4831^34	4880^35
28	4689^32	4834^34	4884^35
26	4692^32	4838^34	4888^35
24	4696^32	4842^34	4892^35
10	4642^31	4787^33	4837^34

High QNH **+30** 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	4461^22	4604D31	4651D32
46	4559^22	4714D32	4762D33
44	4617^23	4773D33	4822D34
42	4648^23	4803D34	4852D35
40	4663^24	4817D34	4866D35
38	4667^24	4820D34	4870D35
36	4672^25	4824D34	4873D35
34	4677^25	4828D34	4877D35
32	4683^25	4831D34	4881D35
30	4687^26	4835D34	4885D35
28	4693^26	4839D34	4889D35
26	4697^27	4843D35	4893D35
24	4701D27	4847D35	4896D35
10	4716D30	4863D35	4914D36

High QNH **+30** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-750**
Wing A/I ON **-750**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4455^21	4598D31	4645D32
46	4552^22	4708D32	4756D33
44	4610^22	4767D33	4815D34
42	4640^23	4797D33	4846D35
40	4655^24	4812D34	4861D35
38	4662^24	4816D34	4865D35
36	4668^24	4819D34	4869D35
34	4673^25	4823D34	4873D35
32	4677^25	4827D34	4877D35
30	4682^26	4831D34	4880D35
28	4687^26	4834D34	4884D35
26	4692D26	4838D34	4888D35
24	4696D27	4842D35	4892D35
10	4642D30	4787D34	4837D35

High QNH **+30** 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	4236F 3	4473^13	4551^16
26	4247F 3	4485^13	4562^17
24	4257F 4	4496^14	4575^17
22	4268F 4	4507^14	4587^18
20	4280F 4	4519^15	4598^18
15	4307F 5	4547^16	4628^19
10	4336F 6	4574^17	4655^20
5	4366F 7	4604^18	4687^21
0	4398F 8	4636^19	4720^22
-5	4430F 9	4667^20	4753^23
-10	4460F10	4696^21	4783^24
-15	4485^11	4724^22	4813^26
-20	4512^12	4757^23	4846^27
-25	4539^14	4788^24	4878^28

High QNH **+80** per .10"
Low QNH **-50** per .10"

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

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3907F 8	4154F17	4243F20
26	3918F 8	4166F18	4255F21
24	3928F 8	4176F18	4268F21
22	3938F 9	4188F18	4281F21
20	3949F 9	4200F19	4293F22
15	3973F10	4230F20	4324F23
10	4000F11	4261F21	4358F24
5	4030F12	4295F21	4394F24
0	4057F13	4329F22	4431F25
-5	4086F14	4363F23	4466^26
-10	4112F15	4395F24	4502^27
-15	4140F16	4430F25	4536^28
-20	4169F17	4467F26	4576^29
-25	4198F18	4504^27	4619F30

High QNH **+80** per .10"
Low QNH **-60** 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	9186	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.05
Rwy Rev.		Program						Rules	FAA		**28 Apr 22**

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

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
39	88.6	3237^ 6	3389^ 9	3438^10
38	88.8	3261^ 6	3415^ 9	3465^10
36	89.1	3311^ 7	3468^10	3519^11
34	89.4	3358^ 7	3520^11	3572^12
32	89.7	3403^ 8	3569^12	3622^13
30	89.9	3449^ 9	3618^12	3672^14
28	89.9	3498^10	3671^13	3727^14
26	89.9	3546^10	3725^14	3781^15
24	90.0	3584^11	3765^15	3822^16
22	90.0	3606^11	3788^15	3845^16
20	90.0	3616^11	3797^15	3854^16
15	89.2	3638^12	3819^16	3876^17
10	88.5	3662^12	3840^16	3898^17
5	87.7	3685^13	3862^16	3920^18
0	86.9	3702^13	3879^17	3937^18
-5	86.1	3723^14	3901^17	3958^18

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3230^97	3389D 6	3438D 9	4206
3254^97	3415D 7	3465D10	4247
3300^98	3468D 7	3519D10	4331
3346^98	3520D 7	3572D10	4409
3389^99	3569D 8	3622D11	4486
3433^99	3618D 8	3672D11	4567
3480^99	3671D 9	3727D12	4654
3527^ 0	3725D 9	3781D12	4741
3564^ 0	3765D10	3822D13	4817
3585^ 1	3788D10	3845D13	4828
3596^ 1	3797D10	3854D14	4830
3621^ 2	3819D11	3876D14	4834
3647^ 3	3840D12	3898D15	4837
3674^ 3	3862D13	3920D16	4840
3695^ 4	3879D14	3937D17	4838
3721^ 5	3901D15	3958D18	4830

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

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
39	92.0	3288^ 7	3436^10	3483^11
38	92.1	3313^ 7	3463^10	3511^11
36	92.5	3364^ 8	3517^11	3567^12
34	92.8	3413^ 9	3569^12	3620^13
32	93.1	3460^ 9	3620^13	3671^14
30	93.4	3508^10	3670^14	3722^15
28	93.6	3561^11	3725^14	3778^15
26	93.8	3612^12	3779^15	3833^16
24	93.8	3657^12	3827^16	3882^17
22	93.5	3690^13	3858^16	3913^18
20	93.3	3706^13	3874^17	3928^18
15	92.5	3726^14	3895^17	3950^18
10	91.7	3748^14	3917^18	3971^19
5	90.9	3768^15	3938^18	3992^19
0	90.1	3785^15	3955^18	4008^19
-5	89.2	3805^15	3975^19	4029^20

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3272^98	3436D 7	3483D11	4206
3297^98	3463D 8	3511D11	4247
3345^99	3517D 8	3567D11	4331
3392^99	3569D 9	3620D12	4409
3436^ 0	3620D 9	3671D12	4486
3480^ 0	3670D10	3722D13	4567
3528^ 0	3725D10	3778D13	4654
3576^ 1	3779D10	3833D14	4741
3619^ 1	3827D11	3882D14	4817
3649^ 2	3858D12	3913D15	4828
3666^ 2	3874D12	3928D15	4830
3692^ 3	3895D13	3950D16	4834
3717^ 4	3917D14	3971D17	4837
3743^ 5	3938D15	3992D18	4840
3764^ 6	3955D16	4008D19	4838
3790^ 7	3975D17	4029D20	4830

High QNH **+90** per .10" — Engine A/I ON **-1730**
Low QNH **-130** per .10" — Wing A/I ON **-1730**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
39	92.0	3288^ 7- 7-19	3436^10-10-21	3483^11-11-22	3529^12-12-23
38	92.1	3313^ 7- 7-19	3463^10-10-22	3511^11-11-23	3557^12-12-24
36	92.5	3364^ 8- 8-20	3517^11-11-23	3567^12-12-24	3614^13-13-25
34	92.8	3413^ 9- 9-21	3569^12-12-24	3620^13-13-25	3668^14-14-26
32	93.1	3460^ 9- 9-22	3620^13-13-25	3671^14-14-26	3720^15-15-26
30	93.4	3508^10-10-23	3670^14-14-26	3722^15-15-26	3772^16-16-27
28	93.6	3561^11-11-24	3725^14-14-26	3778^15-15-27	3829^17-17-28
26	93.8	3612^12-12-25	3779^15-15-27	3833^16-16-28	3886^17-17-29
24	93.8	3657^12-12-25	3827^16-16-28	3882^17-17-29	3935^18-18-30
22	93.5	3690^13-13-26	3858^16-16-29	3913^18-18-30	3966^19-19-30
20	93.3	3706^13-13-26	3874^17-17-29	3928^18-18-30	3981^19-19-31
15	92.5	3726^14-14-27	3895^17-17-29	3950^18-18-30	4002^19-19-31
10	91.7	3748^14-14-27	3917^18-18-30	3971^19-19-31	4023^20-20-31
5	90.9	3768^15-15-27	3938^18-18-30	3992^19-19-31	4044^20-20-32
0	90.1	3785^15-15-27	3955^18-18-30	4008^19-19-31	4060^20-20-32
-5	89.2	3805^15-15-28	3975^19-19-31	4029^20-20-31	4079^21-21-32

High QNH **+90** per .10" — Engine A/I ON **-1730**
Low QNH **-130** per .10" — Wing A/I ON **-1730**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	5500	Length	6561	Shift	**0**	Clearway	0	Stopway	0	Slope	+1.17
Rwy Rev.		Program						Rules	FAA		**09 Dec 22**

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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
39	3288^ 7	3436^10	3483^11	3281^ 7	3429^10	3476^11			
38	3313^ 7	3463^10	3511^11	3306^ 7	3456^10	3504^11			
36	3364^ 8	3517^11	3567^12	3357^ 8	3510^11	3560^12			
34	3413^ 9	3569^12	3620^13	3407^ 9	3562^12	3613^13			
32	3460^ 9	3620^13	3671^14	3454^ 9	3613^13	3664^14			
30	3508^10	3670^14	3722^15	3502^10	3663^13	3715^15			
28	3561^11	3725^14	3778^15	3554^11	3718^14	3771^15			
26	3612^12	3779^15	3833^16	3605^11	3773^15	3827^16			
24	3657^12	3827^16	3882^17	3650^12	3821^16	3876^17			
22	3690^13	3858^16	3913^18	3685^13	3853^16	3907^17			
20	3706^13	3874^17	3928^18	3700^13	3868^17	3922^18			
15	3726^14	3895^17	3950^18	3721^14	3889^17	3944^18			
10	3748^14	3917^18	3971^19	3591^12	3744^15	3790^16			
5	3768^15	3938^18	3992^19	3720^14	3886^17	3938^18			
	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 -1730 Wing A/I ON -1730			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
39	3272^98	3436D 7	3483D11	3267^98	3429D 7	3476D10			
38	3297^98	3463D 8	3511D11	3291^98	3456D 8	3504D11			
36	3345^99	3517D 8	3567D11	3339^99	3510D 8	3560D11			
34	3392^99	3569D 9	3620D12	3386^99	3562D 9	3613D12			
32	3436^ 0	3620D 9	3671D12	3430^99	3613D 9	3664D12			
30	3480^ 0	3670D10	3722D13	3475^ 0	3663D 9	3715D13			
28	3528^ 0	3725D10	3778D13	3523^ 0	3718D10	3771D13			
26	3576^ 1	3779D10	3833D14	3571^ 1	3773D10	3827D13			
24	3619^ 1	3827D11	3882D14	3614^ 1	3821D11	3876D14			
22	3649^ 2	3858D12	3913D15	3644^ 2	3853D12	3907D15			
20	3666^ 2	3874D12	3928D15	3661^ 2	3868D12	3922D15			
15	3692^ 3	3895D13	3950D16	3688^ 3	3889D13	3944D16			
10	3717^ 4	3917D14	3971D17	3575^ 5	3744D15	3790D18			
5	3743^ 5	3938D15	3992D18	3699^ 5	3886D15	3938D18			
	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 -1730 Wing A/I ON -1730			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		3337^90	3441^93		2845^97	3134^98			
26		3371^91	3490^93		2853^97	3140^99			
24		3409^91	3534^94		2881^98	3167^99			
22		3448^91	3566^94		2934^98	3230^ 0			
20		3481^92	3586^95		2980^98	3278^ 0			
15		3510^93	3622^96		3057^99	3305^ 1			
10		3544^93	3660^96		3140^99	3333^ 1			
5		3579^94	3699^97		3230^ 0	3361^ 2			
0		3611^95	3733^98		3292^ 0	3386^ 3			
-5		3650^96	3773^99		3322^ 1	3417^ 4			
-10		3691^97	3805^ 0		3349^ 2	3447^ 5			
-15		3733^97	3838^ 1		3380^ 3	3479^ 6			
-20	3009^91	3772^98	3867^ 2		3409^ 4	3510^ 7			
-25	3198^91	3805^99	3895^ 3	2797F98	3439^ 4	3542^ 7			
	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 -1290 Wing A/I ON -1290			Engine A/I ON -360 Wing A/I ON -360			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 **09 Dec 22**

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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 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
38	88.8	3424^10	3637^14	3710^16
36	89.1	3474^10	3690^15	3764^16
34	89.4	3522^11	3741^16	3816^17
32	89.7	3570^12	3791^16	3866^18
30	89.9	3616^12	3840^17	3917^19
28	89.9	3664^13	3891^18	3968^19
26	89.9	3711^14	3940^18	4019^20
24	90.0	3749^14	3981^19	4060^21
22	90.0	3774^15	4007^19	4087^21
20	90.0	3786^15	4021^20	4100^21
18	89.7	3797^15	4032^20	4113^21
10	88.5	3840^16	4078^21	4160^22
0	86.9	3893^17	4136^22	4219^23
-10	85.3	3948^18	4196^23	4280^25
-20	83.7	4004^19	4255^24	4340^26
-30	82.0	4061^20	4316^25	4396^27

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3389^94	3631^ 4	3710D 7	4247
3437^95	3682^ 4	3764D 7	4331
3483^95	3731^ 5	3816D 8	4409
3528^95	3779^ 5	3866^ 8	4486
3545F96	3826^ 6	3914^ 9	4567
3417F97	3877^ 6	3966^ 9	4654
3275F98	3928^ 6	4018^10	4741
3186F99	3969^ 7	4060^10	4817
3271F99	3993^ 7	4084^10	4828
3427F99	4006^ 8	4097^11	4830
3557F99	4018^ 8	4110^11	4832
3798^99	4068^ 9	4160D13	4837
3851^ 1	4128^11	4219D14	4838
3910^ 3	4193^13	4280D16	4833
3971^ 5	4255D15	4340D19	4832
4033^ 7	4316D17	4396D21	4826

High QNH **+100** per .10" — Engine A/I ON **-1100**
Low QNH **-140** per .10" — Wing A/I ON **-1100**

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
38	92.1	3509^11	3717^16	3787^17
36	92.5	3560^12	3772^17	3844^18
34	92.8	3610^13	3824^17	3898^19
32	93.1	3658^14	3875^18	3949^20
30	93.4	3706^14	3925^19	4001^20
28	93.6	3754^15	3980^20	4056^21
26	93.8	3803^16	4035^20	4112^22
24	93.8	3855^16	4084^21	4163^23
22	93.5	3894^17	4124^22	4203^23
20	93.3	3915^18	4145^22	4224^24
18	93.0	3925^18	4157^22	4235^24
10	91.7	3967^19	4202^23	4282^25
0	90.1	4018^20	4258^24	4333^26
-10	88.4	4073^21	4313^25	4387^27
-20	86.7	4128^22	4367^26	4442^28
-30	85.0	4183^23	4419^27	4496^29

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3432^95	3680^ 5	3767^ 8	4247
3480^95	3733^ 5	3819^ 8	4331
3527^96	3782^ 6	3870^ 9	4409
3572^96	3830^ 6	3918^ 9	4486
3617^96	3878^ 6	3968^10	4567
3554F97	3929^ 7	4020^10	4654
3386F99	3982^ 7	4073^10	4741
3292F99	4028^ 8	4121^11	4817
3475F99	4061^ 8	4156^12	4828
3686F99	4081^ 9	4176^12	4830
3818^99	4093^ 9	4189^13	4832
3864^ 0	4145^11	4242^14	4837
3921^ 2	4208^13	4306^16	4838
3982^ 4	4276^15	4371^18	4833
4046^ 6	4343^17	4439^20	4832
4111^ 8	4409^19	4496D22	4826

High QNH **+100** per .10" — Engine A/I ON **-1480**
Low QNH **-140** per .10" — Wing A/I ON **-1480**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
38	92.1	3509^11-11-23	3717^16-16-26	3787^17-17-28	3852^19-19-29
36	92.5	3560^12-12-24	3772^17-17-27	3844^18-18-28	3910^19-19-30
34	92.8	3610^13-13-25	3824^17-17-28	3898^19-19-29	3966^20-20-30
32	93.1	3658^14-14-25	3875^18-18-29	3949^20-20-30	4020^21-21-31
30	93.4	3706^14-14-26	3925^19-19-30	4001^20-20-31	4074^22-22-32
28	93.6	3754^15-15-27	3980^20-20-31	4056^21-21-32	4132^22-22-33
26	93.8	3803^16-16-28	4035^20-20-32	4112^22-22-33	4190^23-23-34
24	93.8	3855^16-16-29	4084^21-21-32	4163^23-23-34	4242^24-24-35
22	93.5	3894^17-17-29	4124^22-22-33	4203^23-23-34	4282^25-25-35
20	93.3	3915^18-18-30	4145^22-22-33	4224^24-24-34	4302^25-25-36
18	93.0	3925^18-18-30	4157^22-22-33	4235^24-24-35	4312^25-25-36
10	91.7	3967^19-19-30	4202^23-23-34	4282^25-25-35	4356^26-26-36
0	90.1	4018^20-20-31	4258^24-24-35	4333^26-26-36	4408^27-27-37
-10	88.4	4073^21-21-32	4313^25-25-36	4387^27-27-37	4462^28-28-38
-20	86.7	4128^22-22-33	4367^26-26-37	4442^28-28-38	4519^29-29-39
-30	85.0	4183^23-23-34	4419^27-27-37	4496^29-29-39	4574^30-30-40

High QNH **+100** per .10" — Engine A/I ON **-1480**
Low QNH **-140** per .10" — Wing A/I ON **-1480**

ALL DATA BASED ON TO-1 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	3509^11	3717^16	3787^17	3500^11	3708^16	3779^17			
36	3560^12	3772^17	3844^18	3552^12	3763^16	3835^18			
34	3610^13	3824^17	3898^19	3601^13	3816^17	3889^19			
32	3658^14	3875^18	3949^20	3648^13	3866^18	3941^19			
30	3706^14	3925^19	4001^20	3694^14	3917^19	3993^20			
28	3754^15	3980^20	4056^21	3743^15	3971^19	4047^21			
26	3803^16	4035^20	4112^22	3791^15	4026^20	4103^22			
24	3855^16	4084^21	4163^23	3841^16	4076^21	4154^22			
22	3894^17	4124^22	4203^23	3887^17	4115^22	4195^23			
20	3915^18	4145^22	4224^24	3907^17	4137^22	4216^23			
18	3925^18	4157^22	4235^24	3917^18	4149^22	4228^24			
10	3967^19	4202^23	4282^25	3838^17	4054^22	4123^23			
0	4018^20	4258^24	4333^26	3980^19	4216^24	4289^25			
-10	4073^21	4313^25	4387^27	4056^21	4293^25	4366^26			
	High QNH **+100** per .10"			High QNH **+90** per .10"			High QNH per .10"		
	Low QNH **-140** per .10"			Low QNH **-150** per .10"			Low QNH per .10"		
	Engine A/I ON **-1480**			Engine A/I ON **+0**			Engine A/I ON		
	Wing A/I ON **-1480**			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
38	3432^95	3680^ 5	3767^ 8	3427^95	3674^ 5	3759^ 8			
36	3480^95	3733^ 5	3819^ 8	3475^95	3726^ 5	3812^ 8			
34	3527^96	3782^ 6	3870^ 9	3522^96	3776^ 5	3863^ 9			
32	3572^96	3830^ 6	3918^ 9	3566^96	3824^ 6	3912^ 9			
30	3617^96	3878^ 6	3968^10	3612^96	3871^ 6	3961^10			
28	3554F97	3929^ 7	4020^10	3525F97	3924^ 7	4014^10			
26	3386F99	3982^ 7	4073^10	3358F99	3975^ 7	4067^10			
24	3292F99	4028^ 8	4121^11	3269F99	4022^ 8	4115^11			
22	3475F99	4061^ 8	4156^12	3449F99	4056^ 8	4150^12			
20	3686F99	4081^ 9	4176^12	3660F99	4075^ 9	4170^12			
18	3818^99	4093^ 9	4189^13	3799F99	4088^ 9	4183^12			
10	3864^ 0	4145^11	4242^14	3730^ 1	4008^11	4097^14			
0	3921^ 2	4208^13	4306^16	3884^ 2	4171^13	4266^16			
-10	3982^ 4	4276^15	4371^18	3966^ 4	4259^15	4353^18			
	High QNH **+110** per .10"			High QNH **+100** per .10"			High QNH per .10"		
	Low QNH **-140** per .10"			Low QNH **-150** per .10"			Low QNH per .10"		
	Engine A/I ON **-1370**			Engine A/I ON **-10**			Engine A/I ON		
	Wing A/I ON **-1370**			Wing A/I ON **-10**			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						2788^94			
26						2817^95			
24						2858^95			
22					2670^93	2909^95			
20					2699^93	2951^96			
18					2718^94	2980^96			
16					2744^94	3012^96			
14					2772^94	3046^96			
12					2801^94	3078^96			
10					2829^94	3113^96			
0					2984^95	3281^97			
-10					3162^96	3490^98			
-20					3303^97	3567^ 0			
-30				2697^92	3514^99	3688^ 2			
	High QNH per .10"			High QNH **+90** per .10"			High QNH per .10"		
	Low QNH per .10"			Low QNH **-160** per .10"			Low QNH per .10"		
	Engine A/I ON			Engine A/I ON **-120**			Engine A/I ON		
	Wing A/I ON			Wing A/I ON **-120**			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
41	88.4	3909F19	4094^23	4136^24	3852F 9	4090^18	4136D21	4306
40	88.5	3939F20	4132^24	4175^24	3880F 9	4128^18	4175D21	4349
38	88.8	3999F21	4208^25	4251^25	3935F10	4195F18	4251D21	4435
36	89.1	4059F22	4279F26	4328^27	3990F10	4254F19	4327^22	4520
34	89.4	4116F22	4339F27	4400^28	4044F11	4311F20	4397^22	4598
32	89.7	4169F23	4397F27	4470^29	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	4523F22	4621F25	4921
22	89.2	4338F25	4573F30	4657F31	4257F13	4538F22	4636F25	4924
20	89.1	4350F26	4587F30	4671F31	4270F14	4552F23	4652F25	4926
15	88.3	4380F26	4618F31	4691^32	4303F14	4588F23	4685^26	4931
10	87.6	4406F27	4648F31	4700^32	4335F15	4623F24	4700^27	4933
5	86.8	4432F27	4661^31	4710^32	4366F16	4655^25	4710D28	4936
0	86.0	4456F28	4660^31	4710^32	4395F17	4660^26	4710D30	4925

High QNH **+10** per .10" — Engine A/I ON **-1760**
Low QNH **-150** per .10" — Wing A/I ON **-1760**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
41	91.7	3990^21	4110^23	4152^24	3916F10	4110D20	4152D23	4306
40	91.8	4027F22	4149^24	4192^25	3946F11	4149D20	4192D23	4349
38	92.3	4086F22	4226^25	4269^26	4002F11	4223^20	4269D23	4435
36	92.7	4147F23	4302^26	4346^27	4058F12	4297^21	4346D24	4520
34	93.0	4205F24	4374^27	4419^28	4112F12	4366^21	4419D24	4598
32	93.2	4262F25	4444^28	4489^29	4162F12	4434^22	4488^25	4676
30	93.4	4318F26	4512^29	4558^30	4214F13	4498F22	4555^25	4753
28	93.3	4366F26	4568^30	4614^31	4258F14	4543F23	4610^26	4831
26	93.3	4412F27	4622^31	4670^32	4302F14	4591F23	4663^26	4910
24	93.1	4443F27	4646^31	4694^32	4331F15	4623F24	4688^27	4921
22	92.7	4467F28	4654^31	4701^32	4353F15	4640^24	4699^28	4924
20	92.4	4478F28	4658^31	4706^32	4366F15	4647^25	4704^28	4926
15	91.6	4508F29	4669^31	4718^32	4400F16	4662^26	4718D29	4931
10	90.8	4536F29	4679^32	4727^32	4433F17	4676^27	4727D30	4933
5	90.0	4548^29	4689^32	4736^33	4466F18	4689D28	4736D31	4936
0	89.2	4547^29	4686^32	4734^33	4494F19	4686D29	4734D32	4925

High QNH **+10** per .10" — Engine A/I ON **-1850**
Low QNH **-160** per .10" — Wing A/I ON **-1850**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
41	91.7	3990^21-21-31	4110^23-23-33	4152^24-24-33	4218F31-31-40
40	91.8	4027F22-22-31	4149^24-24-33	4192^25-25-34	4250F31-31-40
38	92.3	4086F22-22-32	4226^25-25-34	4269^26-26-35	4312^27-27-36
36	92.7	4147F23-23-33	4302^26-26-36	4346^27-27-36	4390^28-28-37
34	93.0	4205F24-24-34	4374^27-27-37	4419^28-28-37	4464^29-29-38
32	93.2	4262F25-25-35	4444^28-28-38	4489^29-29-38	4535^30-30-39
30	93.4	4318F26-26-36	4512^29-29-39	4558^30-30-39	4605^31-31-40
28	93.3	4366F26-26-37	4568^30-30-40	4614^31-31-40	4661^32-32-41
26	93.3	4412F27-27-37	4622^31-31-40	4670^32-32-41	4718^32-32-42
24	93.1	4443F27-27-38	4646^31-31-41	4694^32-32-41	4742^33-33-42
22	92.7	4467F28-28-38	4654^31-31-41	4701^32-32-42	4750^33-33-42
20	92.4	4478F28-28-38	4658^31-31-41	4706^32-32-42	4754^33-33-42
15	91.6	4508F29-29-39	4669^31-31-41	4718^32-32-42	4766^33-33-42
10	90.8	4536F29-29-39	4679^32-32-41	4727^32-32-42	4788F39-39-49
5	90.0	4548^29-29-39	4689^32-32-41	4736^33-33-42	4814^40-40-49
0	89.2	4547^29-29-39	4686^32-32-41	4764F39-39-48	4813^40-40-49

High QNH **+10** per .10" — Engine A/I ON **-1530**
Low QNH **-160** per .10" — Wing A/I ON **-1530**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	4465	Length	8530	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.69
Rwy Rev.		Program						Rules	FAA		**27 May 22**

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CHIHUAHUA -CUU 18L *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
41	3990^21	4110^23	4152^24
40	4027F22	4149^24	4192^25
38	4086F22	4226^25	4269^26
36	4147F23	4302^26	4346^27
34	4205F24	4374^27	4419^28
32	4262F25	4444^28	4489^29
30	4318F26	4512^29	4558^30
28	4366F26	4568^30	4614^31
26	4412F27	4622^31	4670^32
24	4443F27	4646^31	4694^32
22	4467F28	4654^31	4701^32
20	4478F28	4658^31	4706^32
15	4508F29	4669^31	4718^32
10	4536F29	4679^32	4727^32

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

Engine A/I ON **-1850**
Wing A/I ON **-1850**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
41	3984F21	4105^23	4147^24
40	4016F21	4145^24	4186^25
38	4075F22	4221^25	4264^26
36	4136F23	4297^26	4341^27
34	4195F24	4369^27	4414^28
32	4251F25	4440^28	4485^29
30	4308F25	4509^29	4554^30
28	4356F26	4564^30	4610^31
26	4402F27	4619^31	4666^31
24	4433F27	4642^31	4690^32
22	4457F28	4649^31	4697^32
20	4468F28	4653^31	4701^32
15	4497F28	4665^31	4712^32
10	4364^27	4497^29	4543^30

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

Engine A/I ON **-30**
Wing A/I ON **-30**

WET - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
41	3916F10	4110D20	4152D23
40	3946F11	4149D20	4192D23
38	4002F11	4223^20	4269D23
36	4058F12	4297^21	4346D24
34	4112F12	4366^21	4419D24
32	4162F12	4434^22	4488^25
30	4214F13	4498F22	4555^25
28	4258F14	4543F23	4610^26
26	4302F14	4591F23	4663^26
24	4331F15	4623F24	4688^27
22	4353F15	4640^24	4699^28
20	4366F15	4647^25	4704^28
15	4400F16	4662^26	4718D29
10	4433F17	4676^27	4727D30

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

Engine A/I ON **-1820**
Wing A/I ON **-1820**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
41	3908F10	4105D19	4147D22
40	3938F10	4144^20	4186D23
38	3994F11	4218^20	4264D23
36	4050F11	4292^21	4341D24
34	4104F12	4361^21	4414D24
32	4154F12	4429^21	4484^25
30	4206F13	4490F22	4551^25
28	4250F13	4535F22	4606^26
26	4294F14	4582F23	4660^26
24	4323F14	4614F24	4684^27
22	4346F15	4635^24	4694^27
20	4359F15	4642^25	4700^28
15	4392F16	4657^26	4712D29
10	4344^18	4497D28	4543D30

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

Engine A/I ON **-30**
Wing A/I ON **-30**

LEVEL 1 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	3104F97	3957F 3	4037F 6
26	3104F97	3999F 3	4079F 6
24	3165F97	4025F 4	4107F 7
22	3289F97	4043F 4	4126F 7
20	3387F97	4055F 5	4138F 8
15	3640F97	4085F 6	4168F 9
10	3878F97	4114F 6	4199F10
5	3901F98	4143F 7	4230F11
0	3924F99	4168F 8	4259F12
-5	3951F 0	4200F 9	4292F13
-10	3978F 1	4233F10	4327F14
-15	4007F 2	4267F11	4362F15
-20	4034F 3	4300F13	4396F16
-25	4061F 4	4333F14	4430F17

High QNH **+50** per .10"
Low QNH **-120** per .10"

Engine A/I ON **-960**
Wing A/I ON **-960**

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28	3240F99	3586F 7	3791F 8
26	3292F 0	3632F 7	3837F 9
24	3326F 0	3665F 7	3872F 9
22	3359F 0	3709F 8	3911F10
20	3374F 1	3737F 8	3932F10
15	3413F 1	3808F 8	3980F10
10	3452F 2	3862F 9	3990F11
5	3492F 2	3916F10	3990F11
0	3532F 3	3968F10	3980F10
-5	3557F 4	3990F11	3990F11
-10	3588F 5	3986F11	4012F11
-15	3622F 6	3998F11	4009F11
-20	3653F 7	3990F11	4022F11
-25	3685F 7	4012F11	4022F11

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

Engine A/I ON **-1580**
Wing A/I ON **-1580**

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	4465	Length	8530	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.69
Rwy Rev.		Program						Rules	FAA		**27 May 22**

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TAR Mexico **EMB-145** **AE3007A1**

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**	**5700'**	

*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
41	88.4	3740F16	3955F20	4029F22	3688F 5	3941F14	4029F17	4306
40	88.5	3769F16	3986F21	4060F22	3715F 5	3970F14	4058F17	4349
38	88.8	3826F17	4045F22	4120F23	3768F 6	4026F15	4115F18	4435
36	89.1	3882F18	4104F22	4180F24	3819F 6	4083F15	4171F18	4520
34	89.4	3937F19	4162F23	4238F25	3871F 7	4136F16	4227F19	4598
32	89.7	3989F20	4217F24	4295F25	3921F 7	4189F16	4281F19	4676
30	90.0	4040F20	4273F25	4351F26	3970F 8	4242F17	4335F20	4753
28	89.8	4081F21	4316F25	4395F27	4008F 8	4282F17	4377F20	4831
26	89.6	4115F21	4352F26	4431F27	4042F 8	4317F18	4412F21	4910
24	89.4	4137F22	4375F26	4454F28	4064F 9	4342F18	4437F21	4921
22	89.2	4149F22	4388F26	4466F28	4077F 9	4356F18	4451F21	4924
20	89.1	4160F22	4400F27	4479F28	4089F 9	4370F19	4466F22	4926
15	88.3	4188F23	4428F27	4510F29	4120F10	4403F20	4500F23	4931
10	87.6	4215F23	4456F28	4540F29	4150F11	4436F20	4532F23	4933
5	86.8	4242F24	4485F28	4570F30	4179F12	4469F21	4567F24	4936
0	86.0	4266F24	4511F29	4597F30	4206F13	4499F22	4597D25	4925

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
41	91.7	3824F18	4039F22	4114F23	3747F 6	4010F15	4102F18	4306
40	91.8	3854F18	4070F22	4147F24	3775F 6	4040F15	4132F18	4349
38	92.3	3912F19	4130F23	4207F25	3828F 7	4095F16	4188F19	4435
36	92.7	3969F20	4190F24	4268F25	3881F 7	4152F17	4246F19	4520
34	93.0	4024F21	4249F25	4327F26	3933F 8	4207F17	4301F20	4598
32	93.2	4076F21	4305F26	4384F27	3982F 8	4260F18	4355F21	4676
30	93.4	4129F22	4362F26	4442F28	4032F 9	4313F18	4409F21	4753
28	93.3	4175F23	4410F27	4489F29	4074F 9	4357F19	4455F22	4831
26	93.3	4221F23	4456F28	4538F29	4115F10	4402F19	4501F22	4910
24	93.1	4250F24	4487F28	4569F30	4143F10	4432F20	4530F23	4921
22	92.7	4273F24	4511F29	4594F30	4163F11	4455F20	4554F23	4924
20	92.4	4285F24	4523F29	4607F30	4176F11	4469F21	4569F24	4926
15	91.6	4314F25	4554F29	4639F31	4208F12	4502F21	4606F24	4931
10	90.8	4342F26	4584F30	4670F31	4238F13	4538F22	4643F25	4933
5	90.0	4370F26	4614F30	4702F32	4271F14	4573F23	4680F26	4936
0	89.2	4392F26	4641F31	4729F32	4301F15	4606F24	4715F27	4925

High QNH **+50** per .10" — Engine A/I ON **-860**
Low QNH **-150** per .10" — Wing A/I ON **-860**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
41	91.7	3824F18-18-28	4039F22-22-32	4114F23-23-33	4193F25-25-34
40	91.8	3854F18-18-29	4070F22-22-32	4147F24-24-33	4225F25-25-34
38	92.3	3912F19-19-30	4130F23-23-33	4207F25-25-34	4286F26-26-35
36	92.7	3969F20-20-31	4190F24-24-34	4268F25-25-35	4348F27-27-36
34	93.0	4024F21-21-31	4249F25-25-35	4327F26-26-36	4408F28-28-37
32	93.2	4076F21-21-32	4305F26-26-36	4384F27-27-37	4466F29-29-38
30	93.4	4129F22-22-33	4362F26-26-37	4442F28-28-38	4522F29-29-39
28	93.3	4175F23-23-34	4410F27-27-37	4489F29-29-38	4572F30-30-40
26	93.3	4221F23-23-34	4456F28-28-38	4538F29-29-39	4622F31-31-40
24	93.1	4250F24-24-35	4487F28-28-38	4569F30-30-40	4654F31-31-41
22	92.7	4273F24-24-35	4511F29-29-39	4594F30-30-40	4680F32-32-41
20	92.4	4285F24-24-35	4523F29-29-39	4607F30-30-40	4693F32-32-41
15	91.6	4314F25-25-36	4554F29-29-39	4639F31-31-41	4726F32-32-42
10	90.8	4342F26-26-36	4584F30-30-40	4670F31-31-41	4758F33-33-42
5	90.0	4370F26-26-37	4614F30-30-40	4702F32-32-42	4792F33-33-43
0	89.2	4392F26-26-37	4641F31-31-41	4729F32-32-42	4799^34-34-43

High QNH **+50** per .10" — Engine A/I ON **-860**
Low QNH **-150** per .10" — Wing A/I ON **-860**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 4465 Length 7776 Shift **0** Clearway 0 Stopway 0 Slope +0.72
Rwy Rev. Program Rules FAA **27 May 22**

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CHIHUAHUA -CUU 18R *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
41	3824F18	4039F22	4114F23
40	3854F18	4070F22	4147F24
38	3912F19	4130F23	4207F25
36	3969F20	4190F24	4268F25
34	4024F21	4249F25	4327F26
32	4076F21	4305F26	4384F27
30	4129F22	4362F26	4442F28
28	4175F23	4410F27	4489F29
26	4221F23	4456F28	4538F29
24	4250F24	4487F28	4569F30
22	4273F24	4511F29	4594F30
20	4285F24	4523F29	4607F30
15	4314F25	4554F29	4639F31
10	4342F26	4584F30	4670F31

High QNH **+50** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-860**
Wing A/I ON **-860**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
41	3814F18	4028F22	4104F23
40	3844F18	4060F22	4136F24
38	3901F19	4119F23	4196F24
36	3959F20	4180F24	4257F25
34	4014F20	4239F25	4317F26
32	4066F21	4295F25	4374F27
30	4119F22	4352F26	4432F28
28	4165F23	4400F27	4479F28
26	4211F23	4446F28	4528F29
24	4240F24	4477F28	4559F30
22	4264F24	4501F28	4584F30
20	4275F24	4513F29	4597F30
15	4304F25	4544F29	4628F31
10	4256F25	4498F29	4557^30

High QNH **+50** per .10"
Low QNH **-150** 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
41	3747F 6	4010F15	4102F18
40	3775F 6	4040F15	4132F18
38	3828F 7	4095F16	4188F19
36	3881F 7	4152F17	4246F19
34	3933F 8	4207F17	4301F20
32	3982F 8	4260F18	4355F21
30	4032F 9	4313F18	4409F21
28	4074F 9	4357F19	4455F22
26	4115F10	4402F19	4501F22
24	4143F10	4432F20	4530F23
22	4163F11	4455F20	4554F23
20	4176F11	4469F21	4569F24
15	4208F12	4502F21	4606F24
10	4238F13	4538F22	4643F25

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

Engine A/I ON **-770**
Wing A/I ON **-770**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
41	3739F 6	4001F15	4092F18
40	3767F 6	4031F15	4122F18
38	3820F 7	4088F16	4179F19
36	3874F 7	4143F16	4237F19
34	3926F 8	4198F17	4293F20
32	3976F 8	4252F17	4347F20
30	4026F 9	4305F18	4401F21
28	4067F 9	4350F19	4447F21
26	4109F10	4395F19	4493F22
24	4136F10	4424F20	4521F23
22	4157F11	4447F20	4546F23
20	4169F11	4461F20	4560F23
15	4201F12	4496F21	4597F24
10	4161F13	4460F23	4554^26

High QNH **+60** per .10"
Low QNH **-150** 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	3342F90	3954F97	4053F 0
26	3347F91	4000F98	4100F 1
24	3366F91	4029F98	4131F 1
22	3408F91	4050F99	4153F 2
20	3440F91	4063F99	4167F 2
15	3520F92	4098F 0	4188^ 3
10	3606F93	4132F 1	4193^ 4
5	3689F93	4149^ 2	4196^ 5
0	3775F94	4145^ 3	4193^ 6
-5	3717F95	4149^ 4	4198^ 7
-10	3809F96	4152^ 5	4202^ 8
-15	3892F96	4156^ 6	4206^10
-20	3981F97	4156^ 7	4207^11
-25	4010^98	4156^ 8	4204D12

High QNH **+40** per .10"
Low QNH **-130** per .10"

Engine A/I ON **-1870**
Wing A/I ON **-1870**

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28	2874F97	3257F 4	3499F 6
26	2922F97	3310F 5	3537F 6
24	2951F98	3346F 5	3570F 7
22	2975F98	3390F 5	3606F 7
20	2991F98	3412F 6	3633F 7
15	3026F99	3474F 6	3694F 8
10	3062F 0	3551F 7	3765F 8
5	3098F 0	3607F 7	3836F 9
0	3138F 1	3672F 8	3892F 9
-5	3181F 2	3743F 8	3949F10
-10	3223F 2	3819F 9	3997F11
-15	3270F 3	3879F 9	4015F11
-20	3315F 4	3934F10	4025F11
-25	3367F 4	3986F11	4020F11

High QNH **+30** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-70**
Wing A/I ON **-70**

Flaps

OAT °C	-10T	+0	+10H

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

Engine A/I ON
Wing A/I ON

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	4465	Length	7776	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.72
Rwy Rev.		Program						Rules	FAA		**27 May 22**

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CHIHUAHUA -CUU 36L ***DT H004***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		5465'		**DT H004**	**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
41	88.4	3899F19	4130F24	4212F25	3812F 4	4075F13	4168F16	4306
40	88.5	3928F20	4161F24	4243F26	3840F 4	4104F13	4198F16	4349
38	88.8	3987F20	4222F25	4305F26	3894F 4	4162F14	4256F17	4435
36	89.1	4045F21	4283F26	4366F27	3949F 5	4219F14	4315F17	4520
34	89.4	4100F22	4341F27	4426F28	4002F 5	4275F15	4371F18	4598
32	89.7	4153F23	4398F27	4481F29	4053F 6	4328F15	4426F18	4676
30	90.0	4205F23	4453F28	4539F30	4104F 6	4382F16	4480F19	4753
28	89.8	4249F24	4497F29	4585F30	4143F 6	4424F16	4523F19	4831
26	89.6	4281F25	4534F29	4622F31	4177F 7	4460F16	4559F20	4910
24	89.4	4304F25	4559F30	4647F31	4201F 7	4485F17	4584F20	4921
22	89.2	4318F25	4573F30	4662F31	4214F 7	4500F17	4599F20	4924
20	89.1	4333F25	4587F30	4676F32	4227F 8	4514F18	4614F21	4926
15	88.3	4365F26	4620F31	4710F32	4259F 9	4550F18	4652F22	4931
10	87.6	4393F26	4652F31	4743F33	4290F10	4583F19	4688F22	4933
5	86.8	4422F27	4684F32	4778F33	4319F10	4619F20	4726F23	4936
0	86.0	4446F27	4714F32	4808F34	4348F11	4652F21	4760F24	4925

High QNH **+60** per .10" Engine A/I ON **-770**
Low QNH **-150** per .10" Wing A/I ON **-770**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
41	91.7	3986F21	4222F25	4268^26	3868F 5	4142F14	4238F17	4306
40	91.8	4017F21	4254F26	4311^27	3897F 5	4171F14	4269F17	4349
38	92.3	4076F22	4316F27	4396^28	3951F 5	4229F15	4327F18	4435
36	92.7	4135F23	4377F27	4463F29	4006F 6	4286F15	4386F18	4520
34	93.0	4192F24	4437F28	4522F30	4059F 6	4342F16	4442F19	4598
32	93.2	4247F25	4492F29	4580F31	4110F 7	4396F16	4497F19	4676
30	93.4	4302F25	4550F30	4638F31	4162F 7	4450F17	4551F20	4753
28	93.3	4350F26	4600F30	4690F32	4204F 8	4495F17	4596F20	4831
26	93.3	4397F27	4651F31	4741F33	4246F 8	4540F18	4643F21	4910
24	93.1	4428F27	4683F32	4774F33	4274F 8	4569F18	4675F21	4921
22	92.7	4451F28	4710F32	4802F34	4294F 9	4593F19	4700F22	4924
20	92.4	4463F28	4724F32	4816F34	4307F 9	4608F19	4715F22	4926
15	91.6	4494F28	4758F33	4851F35	4339F10	4646F20	4754F23	4931
10	90.8	4524F29	4791F33	4885F35	4372F11	4683F21	4793F24	4933
5	90.0	4555F29	4826F34	4900^35	4405F12	4721F22	4833F25	4936
0	89.2	4582F30	4857F35	4890^35	4436F13	4756F23	4870F26	4925

High QNH **+50** per .10" Engine A/I ON **-1660**
Low QNH **-160** per .10" Wing A/I ON **-1660**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
41	91.7	3986F21-21-31	4222F25-25-34	4268^26-26-35	4296^27-27-36
40	91.8	4017F21-21-31	4254F26-26-35	4311^27-27-36	4340^27-27-36
38	92.3	4076F22-22-32	4316F27-27-36	4396^28-28-37	4425^29-29-37
36	92.7	4135F23-23-33	4377F27-27-37	4463F29-29-38	4510^30-30-39
34	93.0	4192F24-24-34	4437F28-28-38	4522F30-30-39	4588^31-31-40
32	93.2	4247F25-25-35	4492F29-29-38	4580F31-31-40	4666^32-32-41
30	93.4	4302F25-25-36	4550F30-30-39	4638F31-31-41	4729F33-33-42
28	93.3	4350F26-26-36	4600F30-30-40	4690F32-32-41	4781F34-34-43
26	93.3	4397F27-27-37	4651F31-31-41	4741F33-33-42	4833F34-34-43
24	93.1	4428F27-27-38	4683F32-32-41	4774F33-33-43	4867F35-35-44
22	92.7	4451F28-28-38	4710F32-32-42	4802F34-34-43	4894F35-35-44
20	92.4	4463F28-28-38	4724F32-32-42	4816F34-34-43	4908F35-35-45
15	91.6	4494F28-28-39	4758F33-33-42	4851F35-35-44	4931^36-36-45
10	90.8	4524F29-29-39	4791F33-33-43	4885F35-35-44	4932^36-36-45
5	90.0	4555F29-29-39	4826F34-34-43	4900^35-35-44	4932^36-36-45
0	89.2	4582F30-30-40	4857F35-35-44	4890D35-35-44	4923^36-36-45

High QNH **+50** per .10" Engine A/I ON **-1660**
Low QNH **-160** per .10" Wing A/I ON **-1660**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 4465 Length 7776 Shift **0** Clearway 0 Stopway 0 Slope -0.72
Rwy Rev. Program Rules FAA **27 May 22**

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CHIHUAHUA -CUU 36L *DT H004*

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
41	3986F21	4222F25	4268^26	3975F21	4210F25	4263^26			
40	4017F21	4254F26	4311^27	4006F21	4243F26	4306^27			
38	4076F22	4316F27	4396^28	4065F22	4304F26	4389F28			
36	4135F23	4377F27	4463F29	4125F23	4366F27	4451F29			
34	4192F24	4437F28	4522F30	4182F24	4426F28	4510F30			
32	4247F25	4492F29	4580F31	4237F24	4481F29	4569F30			
30	4302F25	4550F30	4638F31	4292F25	4539F30	4627F31			
28	4350F26	4600F30	4690F32	4340F26	4590F30	4678F32			
26	4397F27	4651F31	4741F33	4387F27	4640F31	4730F33			
24	4428F27	4683F32	4774F33	4418F27	4672F32	4763F33			
22	4451F28	4710F32	4802F34	4440F27	4699F32	4791F34			
20	4463F28	4724F32	4816F34	4453F28	4713F32	4804F34			
15	4494F28	4758F33	4851F35	4483F28	4747F33	4840F34			
10	4524F29	4791F33	4885F35	4441F28	4633^31	4664^32			
	High QNH **+60** per .10" Low QNH **-160** per .10"			High QNH **+60** per .10" Low QNH **-190** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1660** Wing A/I ON **-1660**			Engine A/I ON **-80** Wing A/I ON **-80**			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
41	3868F 5	4142F14	4238F17	3861F 4	4133F14	4229F17			
40	3897F 5	4171F14	4269F17	3889F 5	4163F14	4260F17			
38	3951F 5	4229F15	4327F18	3944F 5	4221F15	4318F18			
36	4006F 6	4286F15	4386F18	3999F 6	4278F15	4377F18			
34	4059F 6	4342F16	4442F19	4052F 6	4334F16	4434F19			
32	4110F 7	4396F16	4497F19	4104F 6	4388F16	4489F19			
30	4162F 7	4450F17	4551F20	4155F 7	4442F17	4544F20			
28	4204F 8	4495F17	4596F20	4197F 7	4488F17	4588F20			
26	4246F 8	4540F18	4643F21	4240F 8	4533F18	4635F21			
24	4274F 8	4569F18	4675F21	4267F 8	4561F18	4667F21			
22	4294F 9	4593F19	4700F22	4288F 9	4585F19	4692F22			
20	4307F 9	4608F19	4715F22	4300F 9	4600F19	4707F22			
15	4339F10	4646F20	4754F23	4332F10	4637F20	4746F23			
10	4372F11	4683F21	4793F24	4288F11	4602F21	4661^25			
	High QNH **+70** per .10" Low QNH **-150** per .10"			High QNH **+70** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-810** Wing A/I ON **-810**			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		3339F97	3973F98	2974F93	3467F 0	3592F 3			
26		3325F97	4014F98	3022F93	3509F 1	3642F 3			
24		3377F97	4041F98	3054F93	3537F 1	3675F 4			
22		3519F97	4058F99	3083F94	3560F 1	3707F 4			
20		3651F97	4070F99	3098F94	3577F 2	3727F 4			
15		3959F97	4104F 0	3139F95	3618F 2	3780F 5			
10		4043F98	4137F 1	3178F95	3663F 3	3832F 6			
5		4072F99	4167F 2	3215F96	3708F 4	3872F 6			
0		4103F 0	4199F 3	3262F97	3759F 5	3914F 7			
-5		4136F 1	4232F 4	3310F97	3815F 5	3955F 8			
-10		4171F 2	4265F 5	3366F98	3858F 6	3995F 9			
-15		4206F 3	4300F 6	3426F99	3906F 7	4037F10			
-20		4238F 4	4332F 7	3486F99	3948F 8	4074F11			
-25		4270F 5	4367F 8	3540F 0	3986F 9	4115F11			
	High QNH **+50** per .10" Low QNH **-620** per .10"			High QNH **+70** per .10" Low QNH **-200** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-970** Wing A/I ON **-970**			Engine A/I ON **-870** Wing A/I ON **-870**			Engine A/I ON Wing A/I ON		

Elevation 4465 Length 7776 Shift **0** Clearway 0 Stopway 0 Slope -0.72

Rwy Rev. Program Rules FAA **27 May 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		5465'		**DT H004**	**5465'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
41	88.4	4073F23	4230^26	4259^26
40	88.5	4104F23	4273^26	4302^27
38	88.8	4164F24	4358^27	4387^28
36	89.1	4225F25	4441^29	4470^29
34	89.4	4284F25	4519^30	4549^30
32	89.7	4340F26	4588F31	4626^31
30	90.0	4397F27	4648F31	4711^33
28	89.8	4441F28	4694F32	4784F34
26	89.6	4475F28	4732F33	4822F34
24	89.4	4499F28	4758F33	4849F35
22	89.2	4513F29	4773F33	4864F35
20	89.1	4526F29	4788F33	4878F35
15	88.3	4558F29	4822F34	4884^35
10	87.6	4588F30	4853^35	4886^35
5	86.8	4619F31	4852^35	4885^35
0	86.0	4647F31	4842^34	4876^35

ALT TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
3977F 8	4226^17	4258^20	4306
4006F 8	4268^17	4300^20	4349
4063F 8	4340F17	4384^21	4435
4119F 9	4399F18	4467^21	4520
4174F 9	4457F19	4544^22	4598
4227F10	4513F19	4611F22	4676
4281F10	4568F20	4668F22	4753
4321F11	4610F20	4713F23	4831
4357F11	4648F20	4751F23	4910
4382F11	4674F21	4778F24	4921
4395F12	4690F21	4794F24	4924
4409F12	4706F22	4810F25	4926
4443F13	4743F22	4849F25	4931
4476F14	4781F23	4881^26	4933
4509F15	4819F24	4882^28	4936
4540F16	4837^25	4874^29	4925

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

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
41	91.7	4154^24	4240^26	4268^26
40	91.8	4197^25	4283^26	4311^27
38	92.3	4261F26	4368^28	4396^28
36	92.7	4323F27	4451^29	4480^29
34	93.0	4382F27	4530^30	4558^30
32	93.2	4438F28	4607^31	4636^32
30	93.4	4495F29	4691^32	4721^33
28	93.3	4545F30	4773^33	4804^34
26	93.3	4596F30	4843^34	4874^35
24	93.1	4628F31	4861^35	4892^35
22	92.7	4655F31	4864^35	4895^35
20	92.4	4668F31	4866^35	4896^35
15	91.6	4701F32	4867^35	4899^35
10	90.8	4732F32	4868^35	4900^35
5	90.0	4765F33	4867^35	4900^35
0	89.2	4757^33	4857^35	4890^35

TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4039F 9	4236^18	4268D22	4306
4069F 9	4279^19	4311D22	4349
4126F 9	4363^19	4395^22	4435
4183F10	4445^19	4478^23	4520
4238F10	4523^20	4555^23	4598
4291F11	4585F20	4632^24	4676
4344F11	4641F21	4715^24	4753
4389F12	4689F21	4795F24	4831
4433F12	4737F22	4844F25	4910
4462F13	4769F22	4877F25	4921
4485F13	4795F23	4888^26	4924
4498F14	4810F23	4890^27	4926
4534F15	4850F24	4894^28	4931
4567F16	4861^25	4897^29	4933
4603F17	4861^27	4898^30	4936
4635F18	4854^28	4890D31	4925

High QNH **+50** per .10" Engine A/I ON **-2440**
Low QNH **-170** per .10" Wing A/I ON **-2440**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
41	91.7	4154^24-24-33	4248F31-31-40	4324F33-33-41	4353C33-33-42
40	91.8	4197^25-25-34	4283^26-26-35	4356F33-33-42	4398C34-34-43
38	92.3	4261F26-26-35	4368^28-28-37	4420F34-34-43	4484C35-35-44
36	92.7	4323F27-27-36	4451^29-29-38	4484F35-35-44	4564F37-37-45
34	93.0	4382F27-27-37	4530^30-30-39	4558^30-30-39	4627F37-37-46
32	93.2	4438F28-28-38	4607^31-31-40	4636^32-32-41	4687F38-38-47
30	93.4	4495F29-29-39	4691^32-32-41	4721^33-33-42	4751^33-33-42
28	93.3	4545F30-30-39	4773^33-33-43	4804^34-34-43	4831C34-34-43
26	93.3	4596F30-30-40	4843^34-34-44	4874^35-35-44	4904^36-36-44
24	93.1	4628F31-31-40	4861^35-35-44	4892^35-35-44	4921C36-36-45
22	92.7	4655F31-31-41	4864^35-35-44	4895^35-35-44	4924C36-36-45
20	92.4	4668F31-31-41	4866^35-35-44	4896^35-35-44	4926F42-42-51
15	91.6	4701F32-32-42	4867^35-35-44	4899^35-35-44	4952C42-42-51
10	90.8	4732F32-32-42	4868^35-35-44	4909F41-41-50	4955C42-42-51
5	90.0	4765F33-33-42	4867^35-35-44	4943F42-42-51	4959C42-42-51
0	89.2	4757^33-33-42	4885F41-41-50	4945C42-42-51	4945C42-42-51

High QNH **+50** per .10" Engine A/I ON **-1310**
Low QNH **-170** per .10" Wing A/I ON **-1310**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	4465	Length	8530	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.69
Rwy Rev.		Program						Rules	FAA		**27 May 22**

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CHIHUAHUA -CUU 36R *DT H004*

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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
41	4154^24	4240^26	4268^26	4149^24	4235^26	4263^26			
40	4197^25	4283^26	4311^27	4188F25	4278^26	4306^27			
38	4261F26	4368^28	4396^28	4250F25	4363^28	4391^28			
36	4323F27	4451^29	4480^29	4311F26	4446^29	4475^29			
34	4382F27	4530^30	4558^30	4371F27	4525^30	4554^30			
32	4438F28	4607^31	4636^32	4426F28	4603^31	4632^31			
30	4495F29	4691^32	4721^33	4484F29	4687^32	4717^33			
28	4545F30	4773^33	4804^34	4534F29	4770^33	4800^34			
26	4596F30	4843^34	4874^35	4585F30	4839^34	4870^35			
24	4628F31	4861^35	4892^35	4617F31	4858^35	4888^35			
22	4655F31	4864^35	4895^35	4644F31	4860^35	4891^35			
20	4668F31	4866^35	4896^35	4656F31	4861^35	4892^35			
15	4701F32	4867^35	4899^35	4689F32	4863^35	4895^35			
10	4732F32	4868^35	4900^35	4537^30	4632^31	4664^32			

High QNH	**+50**	per .10"	High QNH	**+50**	per .10"	High QNH		per .10"
Low QNH	**-170**	per .10"	Low QNH	**-190**	per .10"	Low QNH		per .10"
Engine A/I ON	**-2440**		Engine A/I ON	**-80**		Engine A/I ON		
Wing A/I ON	**-2440**		Wing A/I ON	**-80**		Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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
41	4039F 9	4236^18	4268D22	4031F 9	4231^18	4263D22			
40	4069F 9	4279^19	4311D22	4061F 9	4274^18	4306^22			
38	4126F 9	4363^19	4395^22	4118F 9	4358^19	4390^22			
36	4183F10	4445^19	4478^23	4175F10	4440^19	4473^23			
34	4238F10	4523^20	4555^23	4230F10	4518^20	4551^23			
32	4291F11	4585F20	4632^24	4284F11	4576F20	4628^23			
30	4344F11	4641F21	4715^24	4337F11	4633F21	4711^24			
28	4389F12	4689F21	4795F24	4382F12	4681F21	4786F24			
26	4433F12	4737F22	4844F25	4426F12	4729F22	4835F25			
24	4462F13	4769F22	4877F25	4455F13	4761F22	4868F25			
22	4485F13	4795F23	4888^26	4478F13	4786F23	4884^26			
20	4498F14	4810F23	4890^27	4491F14	4802F23	4886^26			
15	4534F15	4850F24	4894^28	4526F15	4841F24	4891^27			
10	4567F16	4861^25	4897^29	4485F16	4632^26	4664D30			

High QNH	**+60**	per .10"	High QNH	**+70**	per .10"	High QNH		per .10"
Low QNH	**-170**	per .10"	Low QNH	**-190**	per .10"	Low QNH		per .10"
Engine A/I ON	**-2360**		Engine A/I ON	**-70**		Engine A/I ON		
Wing A/I ON	**-2360**		Wing A/I ON	**-70**		Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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		4068F99	4153F 2	3365F95	3686F 4	3806F 6			
26		4110F99	4195F 2	3421F96	3742F 4	3862F 7			
24		4139F 0	4223F 3	3458F96	3783F 5	3896F 7			
22		4158F 0	4242F 3	3492F96	3813F 5	3923F 8			
20		4169F 0	4254F 3	3510F97	3827F 5	3939F 8			
15		4203F 1	4287F 4	3541F97	3863F 6	3976F 9			
10		4232F 2	4317F 5	3568F98	3899F 7	4013F10			
5		4261F 3	4348F 6	3596F99	3931F 8	4046F10			
0	3056F98	4288F 4	4377F 7	3627F 0	3965F 9	4084F11			
-5	2867F 0	4321F 5	4411F 8	3659F 1	4001F 9	4120F12			
-10	3250F 0	4354F 6	4446F 9	3697F 1	4039F10	4164F13			
-15	3596F99	4388F 7	4482F11	3736F 2	4081F11	4216F14			
-20	3977F99	4421F 8	4515F12	3773F 3	4116^12	4228D14			
-25	4185F99	4455F 9	4552F13	3812F 4	4155F13	4213^14			

High QNH	**+50**	per .10"	High QNH	**+50**	per .10"	High QNH		per .10"
Low QNH	**-120**	per .10"	Low QNH	**-160**	per .10"	Low QNH		per .10"
Engine A/I ON	**-1060**		Engine A/I ON	**-1130**		Engine A/I ON		
Wing A/I ON	**-1060**		Wing A/I ON	**-1130**		Wing A/I ON		

Elevation	4465	Length	8530	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.69
Rwy Rev.		Program						Rules	FAA		**27 May 22**

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CIUDAD DEL CARMEN -CME 13 DT H139

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1010'		DT H139	1010'	

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	4078F21	4243^24	4293^25	4014F 7	4243^18	4293D21	4726
46	87.7	4151F22	4328^25	4379^26	4083F 8	4322^18	4379D21	4846
44	87.6	4195F23	4376^26	4428^27	4125F 8	4369^19	4428D22	4902
42	87.3	4209F23	4391^26	4443^27	4140F 9	4385^19	4443D22	4947
40	87.1	4223F23	4405^26	4457^27	4155F 9	4399^19	4457D23	4959
38	86.8	4233F23	4413^27	4464^28	4166F 9	4410^20	4464D23	4961
36	86.6	4243F23	4421^27	4472^28	4177F10	4419^20	4472D23	4962
34	86.3	4253F24	4429^27	4481^28	4188F10	4429^20	4481D24	4964
32	86.0	4264F24	4437^27	4489^28	4200F10	4437D21	4489D24	4966
30	85.7	4274F24	4446^27	4497^28	4212F11	4446D21	4497D24	4968
20	84.3	4323^25	4488^28	4539^29	4270F12	4488D23	4539D26	4976
10	82.8	4364^26	4527^29	4576^30	4328^14	4527D25	4576D28	4973
0	81.3	4410^27	4572^29	4630^30	4383^16	4572D27	4630D30	4984
-10	79.8	4452^27	4614^30	4677^31	4436^18	4614D29	4677D32	4988
-20	78.3	4493^28	4661^31	4723^32	4487^20	4661D31	4723D33	4985
-30	76.7	4533^29	4705^32	4767^33	4533D22	4705D33	4767D34	4983

High QNH **+70** per .10" Engine A/I ON **-530**
Low QNH **-150** per .10" Wing A/I ON **-530**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4147^22	4295^25	4340^26	4078F 9	4293^19	4340D22	4726
46	90.9	4229^24	4383^26	4431^27	4148F 9	4375^20	4431D23	4846
44	90.8	4285^24	4440^27	4487^28	4198F10	4429^20	4487D24	4902
42	90.5	4313^25	4467^28	4514^29	4228F10	4457^21	4514D24	4947
40	90.2	4325^25	4480^28	4527^29	4243F11	4471^21	4527D25	4959
38	89.9	4333^25	4487^28	4534^29	4255F11	4481^22	4534D25	4961
36	89.7	4342^25	4495^28	4541^29	4266F11	4490^22	4541D25	4962
34	89.4	4350^25	4502^28	4549^29	4277F12	4500^22	4549D26	4964
32	89.1	4358^26	4510^28	4557^29	4289F12	4510D23	4557D26	4966
30	88.8	4366^26	4518^29	4566^29	4298^12	4518D23	4566D26	4968
20	87.3	4409^27	4559^29	4616^30	4351^14	4559D25	4616D28	4976
10	85.8	4446^27	4600^30	4659^31	4400^16	4600D27	4659D30	4973
0	84.2	4492^28	4651^31	4710^32	4457^18	4651D29	4710D32	4984
-10	82.7	4532^29	4697^32	4756^33	4510^20	4697D31	4756D34	4988
-20	81.1	4570^29	4739^32	4799^33	4562^22	4739D33	4799D35	4985
-30	79.5	4609^30	4781^33	4841^34	4609D25	4781D34	4841D35	4983

High QNH **+70** per .10" Engine A/I ON **-590**
Low QNH **-150** per .10" Wing A/I ON **-590**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4147^22-22-33	4295^25-25-35	4340^26-26-36	4393^27-27-37
46	90.9	4229^24-24-34	4383^26-26-37	4431^27-27-37	4478^28-28-38
44	90.8	4285^24-24-35	4440^27-27-38	4487^28-28-38	4535^29-29-39
42	90.5	4313^25-25-36	4467^28-28-38	4514^29-29-39	4566^29-29-39
40	90.2	4325^25-25-36	4480^28-28-38	4527^29-29-39	4579^30-30-40
38	89.9	4333^25-25-36	4487^28-28-38	4534^29-29-39	4589^30-30-40
36	89.7	4342^25-25-36	4495^28-28-38	4541^29-29-39	4599^30-30-40
34	89.4	4350^25-25-36	4502^28-28-39	4549^29-29-39	4608^30-30-40
32	89.1	4358^26-26-36	4510^28-28-39	4557^29-29-39	4618^30-30-40
30	88.8	4366^26-26-37	4518^29-29-39	4566^29-29-39	4627^30-30-40
20	87.3	4409^27-27-37	4559^29-29-39	4616^30-30-40	4676^31-31-41
10	85.8	4446^27-27-38	4600^30-30-40	4659^31-31-41	4720^32-32-42
0	84.2	4492^28-28-38	4651^31-31-41	4710^32-32-42	4771^33-33-42
-10	82.7	4532^29-29-39	4697^32-32-41	4756^33-33-42	4818^34-34-43
-20	81.1	4570^29-29-40	4739^32-32-42	4799^33-33-43	4861^34-34-44
-30	79.5	4609^30-30-40	4781^33-33-43	4841^34-34-43	4904^35-35-44

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-1 UNLESS OTHERWISE NOTED

Elevation 10 Length 7218 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **26 Oct 17**

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CIUDAD DEL CARMEN -CME 13 *DT H139*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4147^22	4295^25	4340^26
46	4229^24	4383^26	4431^27
44	4285^24	4440^27	4487^28
42	4313^25	4467^28	4514^29
40	4325^25	4480^28	4527^29
38	4333^25	4487^28	4534^29
36	4342^25	4495^28	4541^29
34	4350^25	4502^28	4549^29
32	4358^26	4510^28	4557^29
30	4366^26	4518^29	4566^29
20	4409^27	4559^29	4616^30
10	4446^27	4600^30	4659^31
0	4492^28	4651^31	4710^32
-10	4532^29	4697^32	4756^33

High QNH **+70** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-570**
Wing A/I ON **-570**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4139^22	4289^25	4334^26
4222^23	4376^26	4424^27
4276^24	4433^27	4480^28
4305^25	4459^28	4507^28
4318^25	4473^28	4520^29
4326^25	4481^28	4527^29
4334^25	4489^28	4535^29
4342^25	4496^28	4543^29
4351^26	4504^28	4551^29
4359^26	4512^28	4559^29
4402^26	4553^29	4609^30
4395^27	4548^29	4606^30
4440^27	4599^30	4656^31
4477^28	4639^31	4697^32

High QNH **+70** per .10"
Low QNH **-150** 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	4078F 9	4293^19	4340D22
46	4148F 9	4375^20	4431D23
44	4198F10	4429^20	4487D24
42	4228F10	4457^21	4514D24
40	4243F11	4471^21	4527D25
38	4255F11	4481^22	4534D25
36	4266F11	4490^22	4541D25
34	4277F12	4500^22	4549D26
32	4289F12	4510D23	4557D26
30	4298^12	4518D23	4566D26
20	4351^14	4559D25	4616D28
10	4400^16	4600D27	4659D30
0	4457^18	4651D29	4710D32
-10	4510^20	4697D31	4756D34

High QNH **+70** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-570**
Wing A/I ON **-570**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4071F 9	4286^19	4334D22
4141F 9	4368^19	4424D23
4191F10	4422^20	4480D23
4221F10	4450^21	4507D24
4236F11	4464^21	4520D25
4248F11	4474^22	4527D25
4260F11	4484^22	4535D25
4270F12	4494^22	4543D26
4282F12	4504^23	4551D26
4292^12	4512D23	4559D26
4345^14	4553D25	4609D28
4354^16	4548D27	4606D30
4411^18	4599D29	4656D32
4460^20	4639D31	4697D33

High QNH **+70** per .10"
Low QNH **-150** 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 22 -10T	+0	+10H
28	3279F92	4159^99	4256^ 3
26	3314F92	4172^ 0	4259^ 3
24	3348F92	4183^ 0	4261^ 3
22	3382F92	4195^ 0	4263^ 4
20	3414F92	4206^ 1	4264^ 4
18	3446F93	4215^ 1	4266^ 5
16	3483F93	4215^ 1	4266^ 5
14	3519F93	4214^ 2	4265^ 5
12	3554F93	4213^ 2	4264^ 6
10	3588F94	4214^ 3	4265^ 6
0	3762F95	4224^ 5	4277^ 8
-10	3809F97	4227^ 7	4281^11
-20	3981F98	4228^ 9	4280D13
-30	4059^ 0	4226D12	4271D15

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

Engine A/I ON **-690**
Wing A/I ON **-690**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
2944F98	3632F 5	3816F 7
2965F98	3651F 5	3843F 7
2981F98	3669F 5	3863F 8
2999F98	3686F 6	3881F 8
3017F99	3705F 6	3898F 8
3035F99	3724F 6	3914F 9
3057F99	3744F 6	3928F 9
3076F 0	3764F 7	3947F 9
3094F 0	3788F 7	3962F10
3122F 0	3805F 7	3978F10
3244F 1	3916F 9	4069F11
3393F 2	4001F10	4171F13
3524F 3	4095F12	4275F15
	4204F14	4269^15

High QNH **+40** per .10"
Low QNH **-100** per .10"

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

LEVEL 3 CONTAM

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		**26 Oct 17**

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CIUDAD DEL CARMEN -CME 31 *RT H130*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1010'		**RT H130**	**1010'**	

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	4058^21	4219^24	4269^25	4012^ 7	4219D18	4269D21	4726
46	87.7	4137^22	4302^25	4355^26	4083F 8	4302D18	4355D22	4846
44	87.6	4183^22	4351^26	4404^27	4125F 8	4350^19	4404D22	4902
42	87.3	4197^23	4365^26	4419^27	4140F 9	4365^19	4419D22	4947
40	87.1	4210^23	4379^26	4433^27	4155F 9	4379D19	4433D23	4959
38	86.8	4218^23	4387^26	4440^27	4166F 9	4387D20	4440D23	4961
36	86.6	4226^23	4395^26	4448^27	4177F10	4395D20	4448D23	4962
34	86.3	4234^23	4403^26	4456^27	4188F10	4403D20	4456D24	4964
32	86.0	4243^23	4412^27	4465^28	4196^10	4412D21	4465D24	4966
30	85.7	4251^24	4420^27	4473^28	4206^11	4420D21	4473D24	4968
20	84.3	4295^24	4463^27	4516^28	4258^12	4463D23	4516D26	4976
10	82.8	4336^25	4502^28	4552^29	4307^14	4502D25	4552D28	4973
0	81.3	4382^26	4547^29	4599^30	4363^16	4547D27	4599D30	4984
-10	79.8	4425^27	4587^30	4648^31	4414^18	4587D29	4648D32	4988
-20	78.3	4466^28	4632^30	4694^32	4466D20	4632D31	4694D33	4985
-30	76.7	4507^28	4677^31	4739^32	4507D22	4677D33	4739D34	4983

High QNH **+70** per .10" Engine A/I ON **-530**
Low QNH **-150** per .10" Wing A/I ON **-530**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4120^22	4272^25	4318^26	4062^ 9	4272D19	4318D23	4726
46	90.9	4202^23	4360^26	4407^27	4137^ 9	4357^20	4407D23	4846
44	90.8	4257^24	4415^27	4464^28	4187^10	4410^20	4464D24	4902
42	90.5	4285^24	4442^27	4491^28	4213^10	4438^21	4491D24	4947
40	90.2	4298^25	4455^27	4503^28	4227^11	4453^21	4503D25	4959
38	89.9	4306^25	4463^28	4511^28	4237^11	4462^22	4511D25	4961
36	89.7	4314^25	4470^28	4518^29	4247^11	4470D22	4518D26	4962
34	89.4	4322^25	4478^28	4526^29	4257^12	4478D22	4526D26	4964
32	89.1	4330^25	4487^28	4534^29	4267^12	4487D23	4534D26	4966
30	88.8	4338^25	4495^28	4542^29	4277^13	4495D23	4542D27	4968
20	87.3	4381^26	4536^29	4585^30	4330^14	4536D25	4585D29	4976
10	85.8	4419^27	4571^29	4631^31	4379^16	4571D27	4631D31	4973
0	84.2	4465^28	4621^30	4682^31	4437^18	4621D29	4682D33	4984
-10	82.7	4506^28	4668^31	4728^32	4490^20	4668D31	4728D34	4988
-20	81.1	4545^29	4712^32	4771^33	4543^23	4712D33	4771D34	4985
-30	79.5	4583^30	4754^33	4814^34	4583D25	4754D34	4814D35	4983

High QNH **+70** per .10" Engine A/I ON **-590**
Low QNH **-160** per .10" Wing A/I ON **-590**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4120^22-22-33	4272^25-25-35	4318^26-26-36	4363^26-26-36
46	90.9	4202^23-23-34	4360^26-26-36	4407^27-27-37	4453^28-28-38
44	90.8	4257^24-24-35	4415^27-27-37	4464^28-28-38	4511^28-28-39
42	90.5	4285^24-24-35	4442^27-27-38	4491^28-28-38	4536^29-29-39
40	90.2	4298^25-25-36	4455^27-27-38	4503^28-28-39	4549^29-29-39
38	89.9	4306^25-25-36	4463^28-28-38	4511^28-28-39	4559^29-29-39
36	89.7	4314^25-25-36	4470^28-28-38	4518^29-29-39	4568^29-29-40
34	89.4	4322^25-25-36	4478^28-28-38	4526^29-29-39	4577^30-30-40
32	89.1	4330^25-25-36	4487^28-28-38	4534^29-29-39	4587^30-30-40
30	88.8	4338^25-25-36	4495^28-28-38	4542^29-29-39	4597^30-30-40
20	87.3	4381^26-26-37	4536^29-29-39	4585^30-30-40	4647^31-31-41
10	85.8	4419^27-27-37	4571^29-29-40	4631^31-31-40	4691^32-32-41
0	84.2	4465^28-28-38	4621^30-30-40	4682^31-31-41	4742^32-32-42
-10	82.7	4506^28-28-39	4668^31-31-41	4728^32-32-42	4789^33-33-43
-20	81.1	4545^29-29-39	4712^32-32-42	4771^33-33-42	4833^34-34-43
-30	79.5	4583^30-30-40	4754^33-33-42	4814^34-34-43	4876^35-35-44

High QNH **+70** per .10" Engine A/I ON **-590**
Low QNH **-160** per .10" Wing A/I ON **-590**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	10	Length	7218	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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CIUDAD DEL CARMEN -CME 31 *RT H130*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4120^22	4272^25	4318^26
46	4202^23	4360^26	4407^27
44	4257^24	4415^27	4464^28
42	4285^24	4442^27	4491^28
40	4298^25	4455^27	4503^28
38	4306^25	4463^28	4511^28
36	4314^25	4470^28	4518^29
34	4322^25	4478^28	4526^29
32	4330^25	4487^28	4534^29
30	4338^25	4495^28	4542^29
20	4381^26	4536^29	4585^30
10	4419^27	4571^29	4631^31
0	4465^28	4621^30	4682^31
-10	4506^28	4668^31	4728^32

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

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

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4113^22	4265^25	4311^26
46	4195^23	4352^26	4400^27
44	4249^24	4408^27	4457^28
42	4278^24	4435^27	4483^28
40	4290^24	4448^27	4497^28
38	4299^25	4456^27	4504^28
36	4306^25	4463^28	4512^28
34	4315^25	4472^28	4520^29
32	4323^25	4480^28	4527^29
30	4332^25	4488^28	4535^29
20	4374^26	4529^29	4578^30
10	4369^26	4519^29	4578^30
0	4414^27	4570^30	4628^31
-10	4451^28	4611^30	4670^31

High QNH **+70** per .10"
Low QNH **-150** 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	4062^ 9	4272D19	4318D23
46	4137^ 9	4357^20	4407D23
44	4187^10	4410^20	4464D24
42	4213^10	4438^21	4491D24
40	4227^11	4453^21	4503D25
38	4237^11	4462^22	4511D25
36	4247^11	4470D22	4518D26
34	4257^12	4478D22	4526D26
32	4267^12	4487D23	4534D26
30	4277^13	4495D23	4542D27
20	4330^14	4536D25	4585D29
10	4379^16	4571D27	4631D31
0	4437^18	4621D29	4682D33
-10	4490^20	4668D31	4728D34

High QNH **+70** per .10"
Low QNH **-150** per .10"

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

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4056^ 9	4265D19	4311D22
46	4130^ 9	4350^20	4400D23
44	4181^10	4403^20	4457D24
42	4207^10	4431^21	4483D24
40	4221^11	4446^21	4497D25
38	4231^11	4456^22	4504D25
36	4241^11	4463D22	4512D25
34	4251^12	4472D22	4520D26
32	4261^12	4480D23	4527D26
30	4272^12	4488D23	4535D26
20	4324^14	4529D25	4578D28
10	4335^16	4519D27	4578D31
0	4392^18	4570D29	4628D32
-10	4442^20	4611D31	4670D33

High QNH **+70** per .10"
Low QNH **-150** 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 22 -10T	+0	+10H
28	3279F92	4144^99	4240^ 3
26	3314F92	4156^ 0	4252^ 3
24	3348F92	4168^ 0	4261^ 3
22	3382F92	4180^ 0	4263^ 4
20	3414F92	4192^ 1	4264^ 4
18	3446F93	4202^ 1	4266^ 5
16	3483F93	4213^ 1	4266^ 5
14	3519F93	4214^ 2	4265^ 5
12	3554F93	4213^ 2	4264^ 6
10	3588F94	4214^ 3	4265^ 6
0	3762F95	4224^ 5	4277^ 8
-10	3809F97	4227^ 7	4281^11
-20	3981F98	4228^ 9	4280D13
-30	4059^ 0	4226D12	4271D15

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

Engine A/I ON **-690**
Wing A/I ON **-690**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	2944F98	3632F 5	3816F 7
26	2965F98	3651F 5	3843F 7
24	2981F98	3669F 5	3863F 8
22	2999F98	3686F 6	3881F 8
20	3017F99	3705F 6	3898F 8
18	3035F99	3724F 6	3911^ 9
16	3057F99	3744F 6	3928F 9
14	3076F 0	3764F 7	3944^ 9
12	3094F 0	3788F 7	3961^10
10	3122F 0	3805F 7	3978^10
0	3244F 1	3916F 9	4069F11
-10	3393F 2	4001F10	4171F13
-20	3524F 3	4095F12	4275F15
-30		4204F14	4269^15

High QNH **+40** per .10"
Low QNH **-100** per .10"

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

LEVEL 3 CONTAM

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		**26 Oct 17**

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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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	91.5	4198^25	4285^26	4314^27	4108F12	4285^22	4314D25	4355
40	91.8	4281F26	4373^28	4402^28	4169F13	4371^22	4402D25	4444
38	92.3	4344F27	4459^29	4489^29	4227F13	4456^23	4489D26	4530
36	92.8	4406F28	4543^30	4573^31	4284F14	4539^23	4573^26	4617
34	93.1	4468F28	4622^31	4653^32	4340F14	4617^23	4652^27	4697
32	93.1	4526F29	4702^32	4732^33	4394F15	4689F24	4730^27	4777
30	93.1	4583F30	4776^33	4807^34	4446F15	4745F24	4804^28	4841
28	92.9	4621F31	4837^34	4869^35	4478F16	4781F25	4865^28	4878
26	92.7	4658F31	4878^35	4910^36	4510F16	4816F26	4905^29	4914
24	92.4	4672F31	4881^35	4913^36	4526F17	4833F26	4909^29	4921
22	92.1	4684F32	4883^35	4915^36	4540F17	4849F26	4911^30	4923
20	91.8	4696F32	4884^35	4917^36	4554F17	4864F27	4914^30	4925
10	90.2	4758F33	4889^35	4922^36	4624F19	4885^29	4922D32	4932
0	88.6	4772^33	4875^35	4910^36	4692F21	4875D31	4910D35	4923
-10	87.0	4769^33	4875^35	4911^36	4760^23	4875D34	4911D36	4929
-20	85.3	4759^33	4869^35	4906^35	4755^26	4869D35	4906D36	4929

High QNH **+0** per .10" Engine A/I ON **-1760**
Low QNH **-170** per .10" Wing A/I ON **-1760**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	91.5	4198^25-25-34	4289F32-32-41	4365F34-34-42	4399C34-34-43
40	91.8	4281F26-26-35	4373^28-28-37	4433F34-34-43	4492C36-36-44
38	92.3	4344F27-27-36	4459^29-29-38	4497F35-35-44	4577F37-37-45
36	92.8	4406F28-28-37	4543^30-30-39	4573^31-31-40	4643F38-38-46
34	93.1	4468F28-28-38	4622^31-31-40	4653^32-32-41	4707F38-38-47
32	93.1	4526F29-29-39	4702^32-32-42	4732^33-33-42	4767F39-39-48
30	93.1	4583F30-30-40	4776^33-33-43	4807^34-34-43	4838^34-34-44
28	92.9	4621F31-31-40	4837^34-34-43	4869^35-35-44	4878C35-35-44
26	92.7	4658F31-31-41	4878^35-35-44	4910^36-36-45	4914C36-36-45
24	92.4	4672F31-31-41	4881^35-35-44	4913^36-36-45	4921C36-36-45
22	92.1	4684F32-32-41	4883^35-35-44	4915^36-36-45	4934F42-42-51
20	91.8	4696F32-32-41	4884^35-35-44	4917^36-36-45	4947C42-42-51
10	90.2	4758F33-33-42	4889^35-35-44	4928F42-42-51	4954C42-42-51
0	88.6	4772^33-33-43	4903F41-41-50	4943C42-42-51	4943C42-42-51
-10	87.0	4769^33-33-43	4948C42-42-51	4948C42-42-51	4948C42-42-51
-20	85.3	4779F39-39-48	4949C42-42-51	4949C42-42-51	4949C42-42-51

High QNH **+0** per .10" Engine A/I ON **-1010**
Low QNH **-170** per .10" Wing A/I ON **-1010**

ALL DATA BASED ON TO-1 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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CIUDAD JUAREZ -CJS 03 *RT H120*

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	4198^25	4285^26	4314^27	4194^25	4280^26	4309^27			
40	4281F26	4373^28	4402^28	4269F26	4369^28	4397^28			
38	4344F27	4459^29	4489^29	4333F27	4454^29	4484^29			
36	4406F28	4543^30	4573^31	4394F27	4539^30	4568^31			
34	4468F28	4622^31	4653^32	4456F28	4619^31	4649^32			
32	4526F29	4702^32	4732^33	4515F29	4698^32	4728^33			
30	4583F30	4776^33	4807^34	4572F30	4773^33	4804^34			
28	4621F31	4837^34	4869^35	4610F30	4834^34	4865^35			
26	4658F31	4878^35	4910^36	4647F31	4874^35	4906^35			
24	4672F31	4881^35	4913^36	4661F31	4877^35	4909^36			
22	4684F32	4883^35	4915^36	4673F31	4878^35	4910^36			
20	4696F32	4884^35	4917^36	4685F32	4880^35	4912^36			
10	4758F33	4889^35	4922^36	4631^31	4730^33	4763^33			
0	4772^33	4875^35	4910^36	4696^32	4799^34	4834^35			
	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 **-1760** Wing A/I ON **-1760**			Engine A/I ON **-170** Wing A/I ON **-170**			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	4108F12	4285^22	4314D25	4099F12	4280^22	4309D25			
40	4169F13	4371^22	4402D25	4160F13	4366^22	4397D25			
38	4227F13	4456^23	4489D26	4218F13	4451^22	4484D26			
36	4284F14	4539^23	4573^26	4276F14	4534^23	4568^26			
34	4340F14	4617^23	4652^27	4333F14	4613^23	4647^27			
32	4394F15	4689F24	4730^27	4386F15	4680F24	4726^27			
30	4446F15	4745F24	4804^28	4439F15	4737F24	4800^27			
28	4478F16	4781F25	4865^28	4471F16	4772F25	4861^28			
26	4510F16	4816F26	4905^29	4503F16	4808F26	4901^29			
24	4526F17	4833F26	4909^29	4519F17	4825F26	4904^29			
22	4540F17	4849F26	4911^30	4533F17	4840F26	4906^29			
20	4554F17	4864F27	4914^30	4546F17	4855F27	4909^30			
10	4624F19	4885^29	4922D32	4572F19	4730D30	4763D33			
0	4692F21	4875D31	4910D35	4649F21	4799D32	4834D35			
	High QNH **+0** per .10" Low QNH **-160** per .10"			High QNH **+0** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-1730** Wing A/I ON **-1730**			Engine A/I ON **-170** Wing A/I ON **-170**			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	3250F97	4155F 4	4237F 7	3534F99	3824F 8	3947F10			
26	3356F97	4182F 4	4264F 7	3570F 0	3865F 8	3990F11			
24	3446F97	4197F 5	4280F 8	3584F 0	3881F 8	4008F11			
22	3559F97	4209F 5	4292F 8	3595F 0	3895F 9	4024F11			
20	3691F97	4221F 5	4305F 8	3605F 1	3907F 9	4044F11			
18	3785F97	4234F 6	4318F 9	3617F 1	3922F 9	4064F12			
16	3889F97	4246F 6	4332F 9	3629F 1	3936F10	4083F12			
14	3992F97	4259F 6	4345F10	3642F 2	3939F10	4102F12			
12	4028F97	4269F 7	4358F10	3653F 2	3971F10	4120F13			
10	4038F98	4282F 7	4370F10	3665F 2	3988F10	4139F13			
0	4088F99	4340F 9	4430F12	3727F 4	4080F12	4240^14			
-10	4146F 1	4408F11	4501F15	3801F 5	4182F13	4242^14			
-20	4204F 3	4477F13	4574F17	3868F 7	4197^14	4238^14			
-30	4262F 5	4545F16	4647F19	3928F 9	4186^14	4229^14			
	High QNH **+60** per .10" Low QNH **-110** per .10"			High QNH **+10** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-590** Wing A/I ON **-590**			Engine A/I ON **-300** Wing A/I ON **-300**			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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TAR Mexico **EMB-145** **AE3007A1**

CIUDAD JUAREZ -CJS 15 *LT H090*

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

NOTAMS B0170/23

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
15	87.6	3672F12	3929F18	4020F19		3899F 6	4001F 9	4929
10	86.9	3696F13	3956F18	4048F20		3930F 7	4032F10	4932
5	86.1	3720F13	3984F19	4071F20	2991F 1	3959F 8	4061F11	4932
0	85.4	3744F14	4012F19	4097F21	3373F 0	3990F 9	4090F12	4923

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
42	91.5	3375F 8	3609F13	3683F15	3390^91	3535D 1	3577D 4	4355
40	91.8	3426F 9	3665F14	3740F16	3452^91	3605D 1	3647D 4	4444
38	92.3	3475F10	3715F15	3794F16	3513^91	3672D 1	3715D 5	4530
36	92.8	3522F10	3767F15	3849F17	3528F92	3739D 2	3783D 5	4617
34	93.1	3571F11	3817F16	3902F18	3498F93	3802^ 2	3848D 5	4697
32	93.1	3616F12	3864F17	3952F19	3474F93	3863^ 2	3912D 6	4777
30	93.1	3660F12	3911F17	4000F19	3454F94	3918^ 3	3969D 6	4841
28	92.9	3689F13	3942F18	4030F20	3495F94	3939^ 3	3989D 7	4878
26	92.7	3716F13	3973F19	4058F20	3532F95	3960^ 4	4010D 7	4914
24	92.4	3728F14	3987F19	4071F20	3560F95	3970^ 4	4018D 8	4921
22	92.1	3739F14	3998F19	4082F21	3594F95	3975D 5	4022D 8	4923
20	91.8	3749F14	4010F19	4093F21	3627F95	3978D 5	4025D 8	4925
15	91.0	3777F14	4041F20	4122F21	3706F96	3990D 6	4038D 9	4929
10	90.2	3802F15	4065F20	4149F22	3795F96	3996D 7	4045D10	4932
5	89.4	3827F16	4090F21	4174F22	3833^97	3998D 8	4046D11	4932
0	88.6	3853F16	4115F21	4200F23	3843^98	4003D 9	4051D12	4923

High QNH **+60** per .10" Engine A/I ON **-500**
Low QNH **-130** per .10" Wing A/I ON **-500**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	91.5	3375F 8- 8-20	3609F13-13-24	3683F15-15-26	3759F16-16-27
40	91.8	3426F 9- 9-21	3665F14-14-25	3740F16-16-27	3817F17-17-28
38	92.3	3475F10-10-22	3715F15-15-26	3794F16-16-28	3870F18-18-29
36	92.8	3522F10-10-23	3767F15-15-27	3849F17-17-29	3926F19-19-30
34	93.1	3571F11-11-24	3817F16-16-28	3902F18-18-29	3979F19-19-31
32	93.1	3616F12-12-25	3864F17-17-29	3952F19-19-30	4030F20-20-31
30	93.1	3660F12-12-25	3911F17-17-30	4000F19-19-31	4080F21-21-32
28	92.9	3689F13-13-26	3942F18-18-30	4030F20-20-31	4111F21-21-33
26	92.7	3716F13-13-26	3973F19-19-31	4058F20-20-32	4141F22-22-33
24	92.4	3728F14-14-27	3987F19-19-31	4071F20-20-32	4154F22-22-33
22	92.1	3739F14-14-27	3998F19-19-31	4082F21-21-32	4165F22-22-34
20	91.8	3749F14-14-27	4010F19-19-31	4093F21-21-32	4177F22-22-34
15	91.0	3777F14-14-27	4041F20-20-32	4122F21-21-33	4207F23-23-34
10	90.2	3802F15-15-28	4065F20-20-32	4149F22-22-33	4235F24-24-35
5	89.4	3827F16-16-28	4090F21-21-32	4174F22-22-34	4262F24-24-35
0	88.6	3853F16-16-29	4115F21-21-33	4200F23-23-34	4289F25-25-35

High QNH **+60** per .10" Engine A/I ON **-500**
Low QNH **-130** per .10" Wing A/I ON **-500**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 3904 Length 5610 Shift **0** Clearway 0 Stopway 0 Slope -0.11
Rwy Rev. Program Rules FAA **13 Nov 23**

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CIUDAD JUAREZ -CJS 15 *LT H090*

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	3375F 8 3609F13 3683F15	3367F 8 3601F13 3675F15	
40	3426F 9 3665F14 3740F16	3418F 9 3656F14 3731F15	
38	3475F10 3715F15 3794F16	3466F 9 3706F14 3786F16	
36	3522F10 3767F15 3849F17	3515F10 3758F15 3840F17	
34	3571F11 3817F16 3902F18	3563F11 3808F16 3893F18	
32	3616F12 3864F17 3952F19	3608F11 3856F17 3944F18	
30	3660F12 3911F17 4000F19	3653F12 3903F17 3992F19	
28	3689F13 3942F18 4030F20	3682F13 3934F18 4023F20	
26	3716F13 3973F19 4058F20	3709F13 3965F18 4051F20	
24	3728F14 3987F19 4071F20	3720F13 3978F19 4063F20	
22	3739F14 3998F19 4082F21	3731F14 3990F19 4074F21	
20	3749F14 4010F19 4093F21	3741F14 4002F19 4085F21	
15	3777F14 4041F20 4122F21	3768F14 4031F20 4113F21	
10	3802F15 4065F20 4149F22	3759F15 4015F20 4098F21	
	High QNH **+60** per .10" Low QNH **-130** per .10"	High QNH **+60** 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 **+0** Wing A/I ON **+0**	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 9 -10T / +0 / +10H	 Flaps -10T / +0 / +10H
42	3390^91 3535D 1 3577D 4	3559F 2 3649F 5	
40	3452^91 3605D 1 3647D 4	3611F 2 3703F 5	
38	3513^91 3672D 1 3715D 5	3659F 3 3754F 6	
36	3528F92 3739D 2 3783D 5	3707F 3 3805F 6	
34	3498F93 3802^ 2 3848D 5	3755F 3 3853F 7	
32	3474F93 3863^ 2 3912D 6	3800F 4 3900F 7	
30	3454F94 3918^ 3 3969D 6	3844F 4 3945F 8	
28	3495F94 3939^ 3 3989D 7	3871F 5 3973F 8	
26	3532F95 3960^ 4 4010D 7	3898F 5 4001F 9	
24	3560F95 3970^ 4 4018D 8	3911F 6 4015F 9	
22	3594F95 3975D 5 4022D 8	3923F 6 4028F 9	
20	3627F95 3978D 5 4025D 8	3936F 6 4040F10	
15	3706F96 3990D 6 4038D 9	3969F 7 4071F11	
10	3795F96 3996D 7 4045D10	3963F 8 4062F12	
	High QNH **+20** per .10" Low QNH **-140** per .10"	High QNH **+60** per .10" Low QNH **-130** per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON **-960** Wing A/I ON **-960**	Engine A/I ON **+0** Wing A/I ON **+0**	Engine A/I ON Wing A/I ON

OAT °C	LEVEL 1 CONTAM Flaps -10T / +0 / +10H	LEVEL 2 CONTAM Flaps -10T / +0 / +10H	LEVEL 3 CONTAM Flaps -10T / +0 / +10H
28			
26			
24			
22			
20			
15			
10			
5			
0			
-5			
-10			
-15			
-20			
-25			
	High QNH per .10" Low QNH per .10"	High QNH per .10" Low QNH per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON Wing A/I ON	Engine A/I ON Wing A/I ON	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 Nov 23**

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CIUDAD JUAREZ -CJS 21 *DT H211*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		4904'		**DT H211**	**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
15	87.6	4581F30	4834F34	4904^35	4486F17	4784F26	4888F29	4929
10	86.9	4611F30	4866F35	4906^35	4519F18	4821F27	4904^30	4932
5	86.1	4639F31	4869^35	4903^35	4551F18	4857F28	4903^31	4932
0	85.4	4666F31	4859^35	4894^35	4584F19	4857^29	4894D32	4923

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	91.5	4198^25	4285^26	4314^27	4102F12	4284^22	4314D25	4355
40	91.8	4272F26	4372^28	4402^28	4163F13	4370^22	4402D25	4444
38	92.3	4336F27	4459^29	4488^29	4221F13	4455^23	4488D26	4530
36	92.8	4397F28	4543^30	4573^31	4279F14	4539^23	4572^26	4617
34	93.1	4459F28	4622^31	4652^32	4335F14	4616^23	4651^27	4697
32	93.1	4518F29	4701^32	4731^33	4388F15	4683F24	4729^27	4777
30	93.1	4575F30	4776^33	4806^34	4440F15	4739F24	4803^28	4841
28	92.9	4612F31	4836^34	4868^35	4472F16	4774F25	4864^28	4878
26	92.7	4649F31	4878^35	4909^36	4504F16	4810F26	4904^29	4914
24	92.4	4663F31	4880^35	4912^36	4520F17	4827F26	4908^29	4921
22	92.1	4675F32	4882^35	4914^36	4534F17	4842F26	4910^30	4923
20	91.8	4687F32	4884^35	4916^36	4548F18	4857F27	4913^30	4925
15	91.0	4719F32	4886^35	4920^36	4585F18	4881^28	4918^31	4929
10	90.2	4749F33	4888^35	4922^36	4618F19	4884^29	4922D32	4932
5	89.4	4779F33	4885^35	4919^36	4652F20	4883^30	4919D34	4932
0	88.6	4771^33	4875^35	4910^36	4685F21	4875D31	4910D35	4923

High QNH **+0** per .10" Engine A/I ON **-1760**
Low QNH **-170** per .10" Wing A/I ON **-1760**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	91.5	4198^25-25-34	4285^26-26-35	4357F33-33-42	4399C34-34-43
40	91.8	4272F26-26-35	4372^28-28-37	4425F34-34-43	4492C36-36-44
38	92.3	4336F27-27-36	4459^29-29-38	4488F35-35-44	4568F37-37-45
36	92.8	4397F28-28-37	4543^30-30-39	4573^31-31-40	4634F37-37-46
34	93.1	4459F28-28-38	4622^31-31-40	4652^32-32-41	4698F38-38-47
32	93.1	4518F29-29-39	4701^32-32-42	4731^33-33-42	4762^33-33-42
30	93.1	4575F30-30-40	4776^33-33-43	4806^34-34-43	4838^34-34-44
28	92.9	4612F31-31-40	4836^34-34-43	4868^35-35-44	4878C35-35-44
26	92.7	4649F31-31-41	4878^35-35-44	4909^36-36-45	4914C36-36-45
24	92.4	4663F31-31-41	4880^35-35-44	4912^36-36-45	4921C36-36-45
22	92.1	4675F32-32-41	4882^35-35-44	4914^36-36-45	4924F42-42-51
20	91.8	4687F32-32-41	4884^35-35-44	4916^36-36-45	4938F42-42-51
15	91.0	4719F32-32-42	4886^35-35-44	4920^36-36-45	4951C42-42-51
10	90.2	4749F33-33-42	4888^35-35-44	4922^36-36-45	4954C42-42-51
5	89.4	4779F33-33-43	4885^35-35-44	4953F42-42-51	4955C42-42-51
0	88.6	4771^33-33-43	4894F41-41-50	4943C42-42-51	4943C42-42-51

High QNH **+0** per .10" Engine A/I ON **-1090**
Low QNH **-170** per .10" Wing A/I ON **-1090**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 3904 Length 8858 Shift **0** Clearway 0 Stopway 0 Slope +0.03
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CIUDAD JUAREZ -CJS 21 *DT H211*

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	4198^25 4285^26 4314^27	4193^25 4280^26 4309^27	
40	4272F26 4372^28 4402^28	4261F26 4368^28 4397^28	
38	4336F27 4459^29 4488^29	4324F26 4454^29 4483^29	
36	4397F28 4543^30 4573^31	4386F27 4538^30 4567^31	
34	4459F28 4622^31 4652^32	4448F28 4618^31 4648^32	
32	4518F29 4701^32 4731^33	4507F29 4697^32 4728^33	
30	4575F30 4776^33 4806^34	4564F30 4772^33 4803^34	
28	4612F31 4836^34 4868^35	4601F30 4833^34 4865^35	
26	4649F31 4878^35 4909^36	4638F31 4873^35 4905^35	
24	4663F31 4880^35 4912^36	4652F31 4876^35 4908^35	
22	4675F32 4882^35 4914^36	4664F31 4877^35 4909^36	
20	4687F32 4884^35 4916^36	4676F32 4879^35 4911^36	
15	4719F32 4886^35 4920^36	4707F32 4882^35 4915^36	
10	4749F33 4888^35 4922^36	4630^31 4729^33 4762^33	
	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 **-1760** Wing A/I ON **-1760**	Engine A/I ON **-170** Wing A/I ON **-170**	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	4102F12 4284^22 4314D25	4094F12 4279^22 4309D25	
40	4163F13 4370^22 4402D25	4155F13 4365^22 4397D25	
38	4221F13 4455^23 4488D26	4213F13 4450^22 4483D26	
36	4279F14 4539^23 4572^26	4270F14 4533^23 4567^26	
34	4335F14 4616^23 4651^27	4327F14 4612^23 4647^27	
32	4388F15 4683F24 4729^27	4381F15 4674F24 4725^27	
30	4440F15 4739F24 4803^28	4433F15 4730F24 4799^27	
28	4472F16 4774F25 4864^28	4465F16 4766F25 4860^28	
26	4504F16 4810F26 4904^29	4497F16 4801F26 4900^29	
24	4520F17 4827F26 4908^29	4513F17 4818F26 4904^29	
22	4534F17 4842F26 4910^30	4527F17 4833F26 4906^29	
20	4548F18 4857F27 4913^30	4541F17 4848F27 4908^30	
15	4585F18 4881^28 4918^31	4576F18 4876^28 4914^31	
10	4618F19 4884^29 4922D32	4566F19 4729D30 4762D33	
	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 **-1720** Wing A/I ON **-1720**	Engine A/I ON **-170** Wing A/I ON **-170**	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	3313F97 4150F 4 4231F 7	3529F99 3819F 8 3950F10	
26	3418F97 4177F 4 4259F 7	3566F 0 3861F 8 3990F11	
24	3507F97 4192F 5 4274F 8	3580F 0 3876F 8 4009F11	
22	3623F97 4204F 5 4287F 8	3590F 1 3891F 9 4027F11	
20	3741F97 4216F 5 4300F 9	3601F 1 3902F 9 4047F11	
15	3992F97 4248F 6 4333F10	3631F 2 3942F10 4094F12	
10	4033F98 4277F 7 4365F11	3661F 2 3990F11 4143F13	
5	4056F99 4304F 8 4395F12	3687F 3 4035F11 4192F14	
0	4082F 0 4335F 9 4424F13	3722F 4 4085F12 4240^14	
-5	4111F 1 4367F10 4459F14	3756F 5 4132F13 4233F14	
-10	4141F 2 4402F11 4496F15	3796F 5 4185F13 4241^14	
-15	4171F 3 4437F13 4533F16	3833F 6 4200^14 4240^14	
-20	4199F 4 4469F14 4569F17	3864F 7 4196^14 4237^14	
-25	4226F 5 4504F15 4605F18	3894F 8 4191^14 4233^14	
	High QNH **+60** per .10" Low QNH **-110** per .10"	High QNH **+10** per .10" Low QNH **-130** per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON **-600** Wing A/I ON **-600**	Engine A/I ON **-280** Wing A/I ON **-280**	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 **10 Jan 23**

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CIUDAD JUAREZ -CJS 33 *SPECIAL*

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

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H
42	88.3	3287F 6	3517F11	3592F13
40	88.5	3335F 7	3568F12	3646F14
38	88.7	3383F 8	3618F13	3700F14
36	89.0	3431F 8	3669F13	3754F15
34	89.2	3478F 9	3717F14	3802F16
32	89.5	3521F10	3763F15	3849F16
30	89.7	3563F10	3807F15	3894F17
28	89.5	3586F11	3831F16	3919F18
26	89.2	3598F11	3845F16	3933F18
24	88.9	3609F11	3858F16	3946F18
22	88.7	3619F11	3869F16	3958F18
20	88.4	3629F11	3880F17	3969F18
15	87.6	3655F12	3909F17	3998F19
10	86.9	3678F12	3937F18	4023F19
5	86.1	3701F13	3964F18	4047F20
0	85.4	3726F13	3990F19	4072F20

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	88.3		3499F 1	3586F 4	4355
40	88.5		3548F 1	3638F 5	4444
38	88.7		3596F 2	3689F 5	4530
36	89.0		3644F 2	3738F 5	4617
34	89.2		3691F 3	3786F 6	4697
32	89.5		3735F 3	3831F 6	4777
30	89.7		3777F 4	3874F 7	4841
28	89.5		3800F 4	3898F 7	4878
26	89.2		3815F 4	3914F 8	4914
24	88.9		3829F 5	3928F 8	4921
22	88.7		3841F 5	3940F 8	4923
20	88.4		3853F 5	3953F 9	4925
15	87.6		3884F 6	3985F 9	4929
10	86.9	2692F 1	3914F 7	4014F10	4932
5	86.1	3129F 0	3944F 8	4042F11	4932
0	85.4	3449F 0	3974F 9	4071F12	4923

High QNH **+60** per .10" — Engine A/I ON **-410**
Low QNH **-120** per .10" — Wing A/I ON **-410**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 22 -10T	+0	+10H
42	91.5	3608^ 4	3701^ 7	3731^ 8
40	91.8	3676^ 4	3777^ 8	3807^ 9
38	92.3	3738F 4	3852^ 9	3883^10
36	92.8	3796F 5	3926^10	3957^11
34	93.1	3852F 5	3995^11	4027^12
32	93.1	3906F 6	4064^12	4097^12
30	93.1	3956F 6	4130^13	4156^13
28	92.9	3989F 7	4149^13	4176^13
26	92.7	4021F 8	4169^13	4196^14
24	92.4	4035F 8	4179^13	4205^14
22	92.1	4045F 8	4184^13	4211^14
20	91.8	4051^ 8	4190^14	4217^14
15	91.0	4076^ 9	4206^14	4235^14
10	90.2	4097^10	4217^14	4249^14
5	89.4	4108^11	4217^14	4253^14
0	88.6	4103^12	4211^14	4247^14

TO-1 - WET RWY

OAT °C	N1%	Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
42	91.5	3539F90	3701D 0	3731D 3	3832
40	91.8	3593F90	3777^ 0	3807D 3	3912
38	92.3	3577F91	3851^ 1	3883D 4	3989
36	92.8	3548F92	3924^ 1	3957D 4	4067
34	93.1	3520F93	3993^ 1	4027D 5	4141
32	93.1	3500F93	4051^ 2	4097D 5	4214
30	93.1	3479F94	4107^ 2	4156D 5	4272
28	92.9	3520F94	4131^ 3	4176D 6	4305
26	92.7	3561F95	4155^ 3	4196D 6	4339
24	92.4	3588F95	4167^ 3	4205D 7	4345
22	92.1	3621F95	4176^ 4	4211D 7	4347
20	91.8	3653F95	4185^ 4	4217D 7	4349
15	91.0	3731F96	4206D 5	4235D 8	4354
10	90.2	3817F97	4217D 6	4249D 9	4355
5	89.4	3897F97	4217D 7	4253D10	4353
0	88.6	3977F98	4211D 8	4247D11	4349

High QNH **+0** per .10" — Engine A/I ON **-1500**
Low QNH **-150** per .10" — Wing A/I ON **-1500**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 22 -10T	+0	+10H	+20H
42	91.5	3608^ 4- 6-13	3701^ 7- 7-14	3731^ 8- 8-15	3761^ 8- 8-15
40	91.8	3676^ 4- 7-14	3777^ 8- 8-15	3807^ 9- 9-16	3838^ 9- 9-16
38	92.3	3738F 4- 8-15	3852^ 9- 9-16	3883^10-10-17	3914^10-10-17
36	92.8	3796F 5- 8-16	3926^10-10-17	3957^11-11-18	3989^11-11-18
34	93.1	3852F 5- 9-16	3995^11-11-18	4027^12-12-19	4059^12-12-19
32	93.1	3906F 6-10-17	4064^12-12-19	4097^12-12-20	4124^13-13-20
30	93.1	3956F 6-10-18	4130^13-13-20	4156^13-13-20	4185^14-14-21
28	92.9	3989F 7-11-18	4149^13-13-20	4176^13-13-21	4207^14-14-21
26	92.7	4021F 8-11-19	4169^13-13-21	4196^14-14-21	4230^14-14-21
24	92.4	4035F 8-11-19	4179^13-13-21	4205^14-14-21	4240^14-14-21
22	92.1	4045F 8-11-19	4184^13-13-21	4211^14-14-21	4247^14-14-21
20	91.8	4051^ 8-12-19	4190^14-14-21	4217^14-14-21	4253^14-14-21
15	91.0	4076^ 9-12-19	4206^14-14-21	4235^14-14-21	4272^15-15-22
10	90.2	4097^10-12-20	4217^14-14-21	4249^14-14-21	4287^15-15-22
5	89.4	4108^11-12-20	4217^14-14-21	4253^14-14-21	4289^15-15-22
0	88.6	4103^12-12-20	4211^14-14-21	4247^14-14-21	4284^15-15-22

High QNH **+0** per .10" — Engine A/I ON **-1500**
Low QNH **-150** per .10" — Wing A/I ON **-1500**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 3904 Length 5610 Shift **0** Clearway 0 Stopway 0 Slope +0.11
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CIUDAD JUAREZ -CJS 33 *SPECIAL*

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	3608^ 4 3701^ 7 3731^ 8	3603^ 3 3696^ 7 3726^ 8	
40	3676^ 4 3777^ 8 3807^ 9	3669^ 4 3772^ 8 3803^ 9	
38	3738F 4 3852^ 9 3883^10	3729F 4 3848^ 9 3879^10	
36	3796F 5 3926^10 3957^11	3787F 5 3922^10 3953^11	
34	3852F 5 3995^11 4027^12	3843F 5 3992^11 4024^12	
32	3906F 6 4064^12 4097^12	3897F 6 4062^12 4094^12	
30	3956F 6 4130^13 4156^13	3947F 6 4127^13 4153^13	
28	3989F 7 4149^13 4176^13	3981F 7 4145^13 4172^13	
26	4021F 8 4169^13 4196^14	4013F 7 4165^13 4191^14	
24	4035F 8 4179^13 4205^14	4026F 8 4174^13 4201^14	
22	4045F 8 4184^13 4211^14	4037F 8 4180^13 4206^14	
20	4051^ 8 4190^14 4217^14	4044^ 8 4185^14 4212^14	
15	4076^ 9 4206^14 4235^14	4067^ 9 4199^14 4227^14	
10	4097^10 4217^14 4249^14	3971^11 4075^12 4109^13	
	High QNH **+20** per .10" Low QNH **-150** per .10"	High QNH **+40** per .10" Low QNH **-150** per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON **-1500** Wing A/I ON **-1500**	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
42	3539F90 3701D 0 3731D 3	3532F90 3696D 0 3726D 3	
40	3593F90 3777^ 0 3807D 3	3587F90 3772^ 0 3803D 3	
38	3577F91 3851^ 1 3883D 4	3568F91 3847^ 0 3879D 4	
36	3548F92 3924^ 1 3957D 4	3538F92 3920^ 1 3953D 4	
34	3520F93 3993^ 1 4027D 5	3511F93 3989^ 1 4024D 4	
32	3500F93 4051^ 2 4097D 5	3491F93 4046^ 1 4094D 5	
30	3479F94 4107^ 2 4156D 5	3471F94 4103^ 2 4153D 5	
28	3520F94 4131^ 3 4176D 6	3512F94 4127^ 2 4172D 6	
26	3561F95 4155^ 3 4196D 6	3553F95 4150^ 3 4191D 6	
24	3588F95 4167^ 3 4205D 7	3580F95 4163^ 3 4201D 7	
22	3621F95 4176^ 4 4211D 7	3613F95 4171^ 4 4206D 7	
20	3653F95 4185^ 4 4217D 7	3646F95 4180^ 4 4212D 7	
15	3731F96 4206D 5 4235D 8	3723F96 4199D 5 4227D 8	
10	3817F97 4217D 6 4249D 9	3809F96 4075D 6 4109D10	
	High QNH **+20** per .10" Low QNH **-140** per .10"	High QNH **+40** per .10" Low QNH **-140** per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON **-1500** Wing A/I ON **-1500**	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 -10T / +0 / +10H	LEVEL 3 CONTAM Flaps -10T / +0 / +10H
28			
26			
24			
22			
20			
15			
10			
5			
0			
-5			
-10			
-15			
-20			
-25			
	High QNH per .10" Low QNH per .10"	High QNH per .10" Low QNH per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON Wing A/I ON	Engine A/I ON Wing A/I ON	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 **10 Jan 23**

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CIUDAD OBREGON -CEN 13 *DT H129*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1207'		**DT H129**	**1207'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	87.5	4029^21	4203^24	4257^25
48	87.6	4068^21	4244^24	4298^25
46	87.7	4145^22	4326^25	4383^27
44	87.7	4194^23	4380^26	4438^27
42	87.5	4220^23	4406^27	4465^28
40	87.3	4239^23	4426^27	4486^28
38	87.0	4248^24	4435^27	4494^28
36	86.7	4256^24	4444^27	4503^28
34	86.5	4266^24	4453^27	4512^28
32	86.2	4274^24	4462^28	4521^29
30	85.9	4284^24	4471^28	4530^29
28	85.6	4293^24	4480^28	4539^29
26	85.3	4302^25	4490^28	4547^29
24	85.1	4311^25	4499^28	4556^29
22	84.8	4321^25	4508^28	4566^29
10	83.0	4374^26	4558^29	4613^30

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	87.5	3999^10	4203D20	4257D23	4631
48	87.6	4035^10	4244D20	4298D23	4690
46	87.7	4106^11	4326D21	4383D24	4807
44	87.7	4154^11	4380D21	4438D24	4879
42	87.5	4179^11	4406D21	4465D25	4943
40	87.3	4199^12	4426D22	4486D25	4958
38	87.0	4209^12	4435D22	4494D25	4960
36	86.7	4220^12	4444D23	4503D26	4962
34	86.5	4230^13	4453D23	4512D26	4964
32	86.2	4241^13	4462D23	4521D26	4966
30	85.9	4251^13	4471D24	4530D27	4968
28	85.6	4262^14	4480D24	4539D27	4970
26	85.3	4273^14	4490D24	4547D28	4971
24	85.1	4284^15	4499D25	4556D28	4973
22	84.8	4295^15	4508D25	4566D28	4975
10	83.0	4358^17	4558D27	4613D31	4972

High QNH **+40** per .10" Engine A/I ON **-500**
Low QNH **-150** per .10" Wing A/I ON **-500**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	90.7	4096^22	4260^25	4309^26
48	90.8	4136^22	4303^25	4353^26
46	90.9	4217^23	4389^27	4442^28
44	90.9	4275^24	4451^28	4504^28
42	90.7	4315^25	4489^28	4543^29
40	90.4	4336^25	4510^28	4564^29
38	90.2	4347^25	4522^29	4575^30
36	89.9	4356^26	4530^29	4582^30
34	89.6	4364^26	4539^29	4591^30
32	89.3	4373^26	4546^29	4599^30
30	89.0	4383^26	4555^29	4607^30
28	88.7	4392^26	4564^29	4615^30
26	88.4	4401^26	4573^30	4624^30
24	88.1	4410^27	4581^30	4632^31
22	87.8	4419^27	4591^30	4640^31
10	86.0	4469^28	4635^31	4683^31

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	90.7	4054^11	4260D21	4309D25	4631
48	90.8	4091^11	4303D22	4353D25	4690
46	90.9	4165^12	4389D22	4442D25	4807
44	90.9	4219^13	4451D23	4504D26	4879
42	90.7	4255^13	4489D23	4543D27	4943
40	90.4	4277^14	4510D24	4564D27	4958
38	90.2	4290^14	4522D24	4575D28	4960
36	89.9	4300^14	4530D25	4582D28	4962
34	89.6	4310^15	4539D25	4591D28	4964
32	89.3	4322^15	4546D25	4599D29	4966
30	89.0	4332^15	4555D26	4607D29	4968
28	88.7	4344^16	4564D26	4615D30	4970
26	88.4	4355^16	4573D26	4624D30	4971
24	88.1	4367^16	4581D27	4632D30	4973
22	87.8	4378^17	4591D27	4640D31	4975
10	86.0	4442^19	4635D30	4683D32	4972

High QNH **+40** per .10" Engine A/I ON **-560**
Low QNH **-160** per .10" Wing A/I ON **-560**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
49	90.7	4096^22-22-32	4260^25-25-35	4309^26-26-36	4354^27-27-36
48	90.8	4136^22-22-33	4303^25-25-36	4353^26-26-36	4399^27-27-37
46	90.9	4217^23-23-34	4389^27-27-37	4442^28-28-38	4491^28-28-38
44	90.9	4275^24-24-35	4451^28-28-38	4504^28-28-39	4554^29-29-39
42	90.7	4315^25-25-36	4489^28-28-38	4543^29-29-39	4592^30-30-40
40	90.4	4336^25-25-36	4510^28-28-39	4564^29-29-39	4613^30-30-40
38	90.2	4347^25-25-36	4522^29-29-39	4575^30-30-40	4623^30-30-40
36	89.9	4356^26-26-36	4530^29-29-39	4582^30-30-40	4631^31-31-40
34	89.6	4364^26-26-37	4539^29-29-39	4591^30-30-40	4638^31-31-41
32	89.3	4373^26-26-37	4546^29-29-39	4599^30-30-40	4647^31-31-41
30	89.0	4383^26-26-37	4555^29-29-39	4607^30-30-40	4654^31-31-41
28	88.7	4392^26-26-37	4564^29-29-39	4615^30-30-40	4663^31-31-41
26	88.4	4401^26-26-37	4573^30-30-40	4624^30-30-40	4670^31-31-41
24	88.1	4410^27-27-37	4581^30-30-40	4632^31-31-40	4678^31-31-41
22	87.8	4419^27-27-37	4591^30-30-40	4640^31-31-41	4687^31-31-41
10	86.0	4469^28-28-38	4635^31-31-41	4683^31-31-41	4727^32-32-42

High QNH **+40** per .10" Engine A/I ON **-560**
Low QNH **-160** per .10" Wing A/I ON **-560**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 207 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.13
Rwy Rev. Program Rules FAA **11 Nov 22**

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CIUDAD OBREGON -CEN 13 *DT H129*

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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	4136^22	4303^25	4353^26	4129^22	4296^25	4347^26			
46	4217^23	4389^27	4442^28	4209^23	4382^27	4434^27			
44	4275^24	4451^28	4504^28	4267^24	4443^27	4496^28			
42	4315^25	4489^28	4543^29	4306^25	4481^28	4535^29			
40	4336^25	4510^28	4564^29	4328^25	4504^28	4556^29			
38	4347^25	4522^29	4575^30	4340^25	4514^28	4567^29			
36	4356^26	4530^29	4582^30	4348^25	4523^29	4576^30			
34	4364^26	4539^29	4591^30	4357^26	4532^29	4584^30			
32	4373^26	4546^29	4599^30	4365^26	4540^29	4593^30			
30	4383^26	4555^29	4607^30	4374^26	4548^29	4601^30			
28	4392^26	4564^29	4615^30	4384^26	4557^29	4609^30			
26	4401^26	4573^30	4624^30	4393^26	4566^29	4618^30			
24	4410^27	4581^30	4632^31	4402^26	4575^30	4625^30			
10	4469^28	4635^31	4683^31	4419^27	4578^30	4624^31			
	High QNH +40 per .10" Low QNH -160 per .10"			High QNH +40 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 +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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	4091^11	4303D22	4353D25	4084^11	4296D22	4347D25			
46	4165^12	4389D22	4442D25	4158^12	4382D22	4434D25			
44	4219^13	4451D23	4504D26	4213^12	4443D23	4496D26			
42	4255^13	4489D23	4543D27	4248^13	4481D23	4535D27			
40	4277^14	4510D24	4564D27	4270^13	4504D24	4556D27			
38	4290^14	4522D24	4575D28	4283^14	4514D24	4567D27			
36	4300^14	4530D25	4582D28	4294^14	4523D25	4576D28			
34	4310^15	4539D25	4591D28	4304^15	4532D25	4584D28			
32	4322^15	4546D25	4599D29	4316^15	4540D25	4593D29			
30	4332^15	4555D26	4607D29	4326^15	4548D26	4601D29			
28	4344^16	4564D26	4615D30	4337^16	4557D26	4609D29			
26	4355^16	4573D26	4624D30	4349^16	4566D26	4618D30			
24	4367^16	4581D27	4632D30	4360^16	4575D27	4625D30			
10	4442^19	4635D30	4683D32	4398^19	4578D30	4624D32			
	High QNH +40 per .10" Low QNH -160 per .10"			High QNH +40 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 +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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		4072^ 3	4157^ 7	3158F 0	3743^ 7	3926F10			
26		4083^ 4	4169^ 7	3176F 0	3764^ 7	3947F10			
24		4094^ 4	4180^ 7	3194F 1	3786F 8	3966F10			
22		4105^ 4	4191^ 8	3211F 1	3808F 8	3989F10			
20		4116^ 5	4203^ 8	3229F 1	3828^ 8	4009F11			
15		4143^ 6	4231^ 9	3276F 2	3877^ 9	4056F11			
10	3151F99	4170^ 7	4259^10	3331F 2	3925F10	4103F12			
5	3955^98	4201^ 8	4291^11	3392F 3	3976F10	4154F13			
0	3983^99	4232^ 9	4323^12	3461F 3	4032F11	4204F14			
-5	4012^ 0	4263^10	4356^13	3539F 4	4083F12	4256F14			
-10	4039^ 1	4292^11	4387^14	3596F 5	4133F13	4281^15			
-15	4064^ 2	4322^12	4418^15	3638F 5	4184F13	4277^15			
-20	4092^ 3	4356^13	4452^17	3684^ 6	4229^14	4275^15			
-25	4120^ 4	4387^14	4486^18	3735^ 7	4224^14	4272^15			
	High QNH +60 per .10" Low QNH -60 per .10"			High QNH +0 per .10" Low QNH -100 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -460 Wing A/I ON -460			Engine A/I ON -660 Wing A/I ON -660			Engine A/I ON Wing A/I ON		

Elevation	207	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.13
Rwy Rev.		Program						Rules	FAA		**11 Nov 22**

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CIUDAD OBREGON -CEN 13-NW200M *DT H129*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1207		DT H129	1207	

NOTAMS B0119/23

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
49	87.5	3890^18	4074^21	4133^23	3854^ 6	4074D16	4133D19	4631
48	87.6	3927^18	4114^22	4173^23	3888^ 6	4114D16	4173D19	4690
46	87.7	4000^19	4191^23	4254^24	3956^ 6	4191D16	4254D20	4807
44	87.7	4048^20	4242^24	4305^25	4002^ 7	4242D17	4305D20	4879
42	87.5	4072^20	4267^24	4331^25	4025^ 7	4267D17	4331D21	4943
40	87.3	4091^21	4287^24	4351^26	4046^ 7	4287D18	4351D21	4958
38	87.0	4100^21	4296^24	4360^26	4055^ 8	4296D18	4360D21	4960
36	86.7	4108^21	4305^25	4369^26	4066^ 8	4305D18	4369D22	4962
34	86.5	4117^21	4314^25	4378^26	4075^ 8	4314D19	4378D22	4964
32	86.2	4126^21	4323^25	4387^26	4085^ 9	4323D19	4387D22	4966
30	85.9	4135^21	4333^25	4397^26	4096^ 9	4333D19	4397D23	4968
28	85.6	4144^22	4342^25	4406^26	4106^ 9	4342D20	4406D23	4970
26	85.3	4153^22	4352^25	4416^27	4117^10	4352D20	4416D23	4971
24	85.1	4162^22	4361^26	4424^27	4128^10	4361D20	4424D24	4973
22	84.8	4172^22	4370^26	4434^27	4139^10	4370D21	4434D24	4975
10	83.0	4225^23	4424^27	4487^28	4201^13	4424D23	4487D26	4972

High QNH **+50** per .10" — Engine A/I ON **-470**
Low QNH **-150** per .10" — Wing A/I ON **-470**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.7	3957^19	4135^23	4191^24	3905^ 7	4135D17	4191D20	4631
48	90.8	3996^20	4176^23	4233^24	3941^ 7	4176D17	4233D21	4690
46	90.9	4072^21	4257^24	4317^25	4011^ 8	4257^18	4317D21	4807
44	90.9	4129^22	4316^25	4376^26	4063^ 8	4313^18	4376D22	4879
42	90.7	4166^22	4354^26	4414^27	4097^ 9	4349^19	4414D22	4943
40	90.4	4187^22	4375^26	4436^27	4118^ 9	4371^20	4436D23	4958
38	90.2	4198^23	4387^26	4447^27	4130^ 9	4385^20	4447D23	4960
36	89.9	4207^23	4396^26	4455^27	4141^10	4396^20	4455D24	4962
34	89.6	4216^23	4405^26	4464^28	4151^10	4405D21	4464D24	4964
32	89.3	4224^23	4413^27	4473^28	4162^10	4413D21	4473D24	4966
30	89.0	4234^23	4422^27	4482^28	4173^11	4422D21	4482D25	4968
28	88.7	4242^23	4432^27	4491^28	4184^11	4432D22	4491D25	4970
26	88.4	4252^24	4441^27	4500^28	4194^12	4441D22	4500D26	4971
24	88.1	4261^24	4450^27	4509^28	4206^12	4450D22	4509D26	4973
22	87.8	4270^24	4459^27	4518^29	4217^12	4459D23	4518D26	4975
10	86.0	4322^25	4509^28	4566^29	4281^15	4509D25	4566D29	4972

High QNH **+50** per .10" — Engine A/I ON **-510**
Low QNH **-150** per .10" — Wing A/I ON **-510**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.7	3957^19-19-30	4135^23-23-33	4191^24-24-34	4245^25-25-35
48	90.8	3996^20-20-31	4176^23-23-34	4233^24-24-35	4287^25-25-35
46	90.9	4072^21-21-32	4257^24-24-35	4317^25-25-36	4374^26-26-37
44	90.9	4129^22-22-33	4316^25-25-36	4376^26-26-37	4434^27-27-38
42	90.7	4166^22-22-34	4354^26-26-36	4414^27-27-37	4471^28-28-38
40	90.4	4187^22-22-34	4375^26-26-37	4436^27-27-38	4494^28-28-38
38	90.2	4198^23-23-34	4387^26-26-37	4447^27-27-38	4504^28-28-39
36	89.9	4207^23-23-34	4396^26-26-37	4455^27-27-38	4513^28-28-39
34	89.6	4216^23-23-34	4405^26-26-37	4464^28-28-38	4521^29-29-39
32	89.3	4224^23-23-34	4413^27-27-37	4473^28-28-38	4529^29-29-39
30	89.0	4234^23-23-35	4422^27-27-37	4482^28-28-38	4538^29-29-39
28	88.7	4242^23-23-35	4432^27-27-38	4491^28-28-38	4548^29-29-39
26	88.4	4252^24-24-35	4441^27-27-38	4500^28-28-39	4556^29-29-39
24	88.1	4261^24-24-35	4450^27-27-38	4509^28-28-39	4565^29-29-39
22	87.8	4270^24-24-35	4459^27-27-38	4518^29-29-39	4573^29-29-40
10	86.0	4322^25-25-36	4509^28-28-39	4566^29-29-39	4620^30-30-40

High QNH **+50** per .10" — Engine A/I ON **-510**
Low QNH **-150** per .10" — Wing A/I ON **-510**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	207	Length	6890	Shift	**-656**	Clearway	0	Stopway	0	Slope	+0.13
Rwy Rev.		Program						Rules	FAA		**13 Nov 23**

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CIUDAD OBREGON -CEN 13-NW200M *DT H129*

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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	3996^20	4176^23	4233^24	3988^20	4169^23	4226^24			
46	4072^21	4257^24	4317^25	4065^21	4250^24	4309^25			
44	4129^22	4316^25	4376^26	4120^21	4308^25	4368^26			
42	4166^22	4354^26	4414^27	4158^22	4346^26	4406^27			
40	4187^22	4375^26	4436^27	4179^22	4368^26	4428^27			
38	4198^23	4387^26	4447^27	4191^23	4380^26	4440^27			
36	4207^23	4396^26	4455^27	4200^23	4388^26	4448^27			
34	4216^23	4405^26	4464^28	4208^23	4397^26	4457^27			
32	4224^23	4413^27	4473^28	4217^23	4407^27	4466^28			
30	4234^23	4422^27	4482^28	4226^23	4415^27	4475^28			
28	4242^23	4432^27	4491^28	4235^23	4424^27	4484^28			
26	4252^24	4441^27	4500^28	4244^24	4434^27	4493^28			
24	4261^24	4450^27	4509^28	4254^24	4443^27	4502^28			
10	4322^25	4509^28	4566^29	4275^24	4457^28	4513^29			

High QNH	**+50**	per .10"	High QNH	**+40**	per .10"	High QNH		per .10"
Low QNH	**-150**	per .10"	Low QNH	**-150**	per .10"	Low QNH		per .10"
Engine A/I ON	**-510**		Engine A/I ON	**+0**		Engine A/I ON		
Wing A/I ON	**-510**		Wing A/I ON	**+0**		Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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	3941^ 7	4176D17	4233D21	3935^ 7	4169D17	4226D21			
46	4011^ 8	4257^18	4317D21	4005^ 7	4250D18	4309D21			
44	4063^ 8	4313^18	4376D22	4057^ 8	4305^18	4368D22			
42	4097^ 9	4349^19	4414D22	4091^ 9	4343^19	4406D22			
40	4118^ 9	4371^20	4436D23	4111^ 9	4365^19	4428D23			
38	4130^ 9	4385^20	4447D23	4124^ 9	4379^20	4440D23			
36	4141^10	4396^20	4455D24	4135^10	4388D20	4448D24			
34	4151^10	4405D21	4464D24	4145^10	4397D21	4457D24			
32	4162^10	4413D21	4473D24	4156^10	4407D21	4466D24			
30	4173^11	4422D21	4482D25	4167^11	4415D21	4475D25			
28	4184^11	4432D22	4491D25	4178^11	4424D22	4484D25			
26	4194^12	4441D22	4500D26	4189^11	4434D22	4493D25			
24	4206^12	4450D22	4509D26	4199^12	4443D22	4502D26			
10	4281^15	4509D25	4566D29	4240^15	4457D25	4513D29			

High QNH	**+50**	per .10"	High QNH	**+40**	per .10"	High QNH		per .10"
Low QNH	**-150**	per .10"	Low QNH	**-150**	per .10"	Low QNH		per .10"
Engine A/I ON	**-510**		Engine A/I ON	**+0**		Engine A/I ON		
Wing A/I ON	**-510**		Wing A/I ON	**+0**		Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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		4072^98	4165^ 1	2782F97	3511F 4	3697^ 6			
26		4084^98	4176^ 1	2799F97	3545F 4	3714^ 6			
24	2646F92	4096^98	4189^ 2	2818F97	3576F 4	3735^ 7			
22	3154F91	4108^99	4199^ 2	2834F98	3586F 4	3757^ 7			
20	3190F91	4119^99	4211^ 2	2853F98	3602F 4	3779^ 7			
15	3291F92	4146^ 0	4237^ 3	2900F99	3643F 5	3835^ 8			
10	3382F92	4175^ 1	4257^ 4	2958F99	3691^ 6	3886^ 8			
5	3473F93	4206^ 2	4263^ 5	3011F 0	3743^ 7	3932^ 9			
0	3572F94	4216^ 3	4268^ 7	3073F 0	3801^ 7	3978^10			
-5	3521F95	4220^ 4	4272^ 8	3137F 1	3865^ 8	4026F11			
-10	3621F95	4219^ 5	4273^ 9	3209F 2	3907^ 9	4071F12			
-15	3710F96	4219^ 6	4273^10	3310^ 2	3954^10	4126F12			
-20	3802F97	4220^ 7	4275^11	3385F 3	4002F10	4184F13			
-25	3896F97	4219^ 9	4274D13	3471F 3	4052F11	4236F14			

High QNH	**+10**	per .10"	High QNH	**+50**	per .10"	High QNH		per .10"
Low QNH	**-60**	per .10"	Low QNH	**-160**	per .10"	Low QNH		per .10"
Engine A/I ON	**-710**		Engine A/I ON	**-460**		Engine A/I ON		
Wing A/I ON	**-710**		Wing A/I ON	**-460**		Wing A/I ON		

Elevation	207	Length	6890	Shift	**-656**	Clearway	0	Stopway	0	Slope	+0.13
Rwy Rev.		Program						Rules	FAA		**13 Nov 23**

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CIUDAD OBREGON -CEN 31 *LT H270*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1207'		**LT H270**	**1207'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	87.5	4114^22	4279^25	4331^26
48	87.6	4154^23	4322^26	4374^27
46	87.7	4234^24	4407^27	4462^28
44	87.7	4286^24	4462^28	4518^29
42	87.5	4311^25	4489^28	4545^29
40	87.3	4331^25	4510^28	4566^29
38	87.0	4339^25	4519^29	4575^30
36	86.7	4348^25	4527^29	4583^30
34	86.5	4357^26	4535^29	4592^30
32	86.2	4366^26	4545^29	4600^30
30	85.9	4375^26	4554^29	4610^30
28	85.6	4385^26	4563^29	4618^30
26	85.3	4394^26	4572^29	4627^30
24	85.1	4403^26	4581^30	4636^31
22	84.8	4412^27	4590^30	4645^31
10	83.0	4464^28	4639^31	4692^32

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	87.5	4065^ 9	4279D19	4331D23	4631
48	87.6	4102^10	4322D20	4374D23	4690
46	87.7	4177F10	4403^20	4462D23	4807
44	87.7	4224F11	4456^21	4518D24	4879
42	87.5	4247F11	4483^21	4545D24	4943
40	87.3	4268F11	4504^21	4566D25	4958
38	87.0	4280F12	4514^22	4575D25	4960
36	86.7	4292F12	4525^22	4583D25	4962
34	86.5	4304F12	4535^22	4592D26	4964
32	86.2	4312^13	4545D23	4600D26	4966
30	85.9	4322^13	4554D23	4610D26	4968
28	85.6	4333^13	4563D24	4618D27	4970
26	85.3	4344^14	4572D24	4627D27	4971
24	85.1	4355^14	4581D24	4636D28	4973
22	84.8	4365^14	4590D25	4645D28	4975
10	83.0	4428^17	4639D27	4692D30	4972

High QNH **+50** per .10" Engine A/I ON **-530**
Low QNH **-160** per .10" Wing A/I ON **-530**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	90.7	4179^23	4334^26	4382^27
48	90.8	4221^24	4378^27	4427^28
46	90.9	4304^25	4468^28	4518^29
44	90.9	4364^26	4531^29	4581^30
42	90.7	4403^27	4569^30	4620^30
40	90.4	4424^27	4591^30	4642^31
38	90.2	4436^27	4601^30	4652^31
36	89.9	4445^27	4610^30	4660^31
34	89.6	4454^27	4618^30	4668^31
32	89.3	4462^28	4627^30	4677^31
30	89.0	4471^28	4635^31	4685^31
28	88.7	4480^28	4644^31	4693^32
26	88.4	4488^28	4653^31	4702^32
24	88.1	4498^28	4661^31	4710^32
22	87.8	4507^28	4670^31	4718^32
10	86.0	4556^29	4714^32	4764^33

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	90.7	4117^11	4334D21	4382D24	4631
48	90.8	4155^11	4377^21	4427D25	4690
46	90.9	4231^11	4460^22	4518D25	4807
44	90.9	4286^12	4520^22	4581D26	4879
42	90.7	4322^13	4558^23	4620D26	4943
40	90.4	4344^13	4580^23	4642D27	4958
38	90.2	4356^13	4594^24	4652D27	4960
36	89.9	4367^14	4604^24	4660D28	4962
34	89.6	4378^14	4614^25	4668D28	4964
32	89.3	4389^14	4625^25	4677D28	4966
30	89.0	4400^15	4635D25	4685D29	4968
28	88.7	4411^15	4644D26	4693D29	4970
26	88.4	4422^16	4653D26	4702D29	4971
24	88.1	4432^16	4661D26	4710D30	4973
22	87.8	4444^16	4670D27	4718D30	4975
10	86.0	4507^19	4714D29	4764D33	4972

High QNH **+40** per .10" Engine A/I ON **-570**
Low QNH **-160** per .10" Wing A/I ON **-570**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
49	90.7	4179^23-23-34	4334^26-26-36	4382^27-27-37	4425^28-28-37
48	90.8	4221^24-24-34	4378^27-27-37	4427^28-28-37	4471^29-29-38
46	90.9	4304^25-25-36	4468^28-28-38	4518^29-29-39	4565^30-30-39
44	90.9	4364^26-26-37	4531^29-29-39	4581^30-30-40	4629^31-31-40
42	90.7	4403^27-27-37	4569^30-30-40	4620^30-30-40	4668^31-31-41
40	90.4	4424^27-27-37	4591^30-30-40	4642^31-31-41	4690^32-32-41
38	90.2	4436^27-27-38	4601^30-30-40	4652^31-31-41	4699^32-32-41
36	89.9	4445^27-27-38	4610^30-30-40	4660^31-31-41	4707^32-32-42
34	89.6	4454^27-27-38	4618^30-30-40	4668^31-31-41	4715^32-32-42
32	89.3	4462^28-28-38	4627^30-30-40	4677^31-31-41	4722^32-32-42
30	89.0	4471^28-28-38	4635^31-31-41	4685^31-31-41	4730^32-32-42
28	88.7	4480^28-28-38	4644^31-31-41	4693^32-32-41	4739^32-32-42
26	88.4	4488^28-28-38	4653^31-31-41	4702^32-32-41	4749^33-33-42
24	88.1	4498^28-28-38	4661^31-31-41	4710^32-32-42	4759^33-33-42
22	87.8	4507^28-28-39	4670^31-31-41	4718^32-32-42	4770^33-33-42
10	86.0	4556^29-29-39	4714^32-32-42	4764^33-33-42	4826^34-34-43

High QNH **+40** per .10" Engine A/I ON **-570**
Low QNH **-160** per .10" Wing A/I ON **-570**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	207	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.13
Rwy Rev.		Program						Rules	FAA		**11 Nov 22**

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CIUDAD OBREGON -CEN 31 *LT H270*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4221^24	4378^27	4427^28
46	4304^25	4468^28	4518^29
44	4364^26	4531^29	4581^30
42	4403^27	4569^30	4620^30
40	4424^27	4591^30	4642^31
38	4436^27	4601^30	4652^31
36	4445^27	4610^30	4660^31
34	4454^27	4618^30	4668^31
32	4462^28	4627^30	4677^31
30	4471^28	4635^31	4685^31
28	4480^28	4644^31	4693^32
26	4488^28	4653^31	4702^32
24	4498^28	4661^31	4710^32
10	4556^29	4714^32	4764^33

High QNH **+40** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-570**
Wing A/I ON **-570**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4213^24	4372^27	4419^28
46	4296^25	4460^28	4510^29
44	4356^26	4522^29	4574^30
42	4395^26	4561^29	4613^30
40	4417^27	4583^30	4635^31
38	4429^27	4595^30	4645^31
36	4437^27	4603^30	4653^31
34	4446^27	4612^30	4662^31
32	4454^27	4620^30	4670^31
30	4464^28	4628^31	4679^31
28	4472^28	4637^31	4686^32
26	4482^28	4646^31	4695^32
24	4490^28	4654^31	4703^32
10	4504^29	4655^31	4710^32

High QNH **+40** per .10"
Low QNH **-160** per .10"

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

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	4155^11	4377^21	4427D25
46	4231^11	4460^22	4518D25
44	4286^12	4520^22	4581D26
42	4322^13	4558^23	4620D26
40	4344^13	4580^23	4642D27
38	4356^13	4594^24	4652D27
36	4367^14	4604^24	4660D28
34	4378^14	4614^25	4668D28
32	4389^14	4625^25	4677D28
30	4400^15	4635D25	4685D29
28	4411^15	4644D26	4693D29
26	4422^16	4653D26	4702D29
24	4432^16	4661D26	4710D30
10	4507^19	4714D29	4764D33

High QNH **+40** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-570**
Wing A/I ON **-570**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4149^11	4371^21	4419D24
46	4225^11	4453^22	4510D25
44	4280^12	4512^22	4574D25
42	4316^12	4550^23	4613D26
40	4337^13	4574^23	4635D27
38	4350^13	4587^24	4645D27
36	4361^14	4597^24	4653D27
34	4371^14	4608^24	4662D28
32	4382^14	4618^25	4670D28
30	4394^15	4628D25	4679D29
28	4405^15	4637D26	4686D29
26	4415^15	4646D26	4695D29
24	4426^16	4654D26	4703D30
10	4461^19	4655D29	4710D33

High QNH **+40** per .10"
Low QNH **-160** per .10"

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

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		4112F 2	4205F 6
26		4123F 3	4217F 6
24		4135F 3	4229F 6
22		4147F 3	4240F 7
20		4159F 4	4253F 7
15		4187F 5	4284F 8
10		4216F 6	4315F 9
5	3145F99	4249F 7	4350F10
0	3992F98	4283F 8	4381^11
-5	3421F 0	4316F 9	4413^12
-10	4065F 0	4349F10	4443^13
-15	4096F 1	4383F11	4474^14
-20	4126F 2	4414^12	4506^16
-25	4155F 3	4445^13	4539^17

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

Engine A/I ON **-460**
Wing A/I ON **-460**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3184F99	3773F 7	3942F 9
26	3202F99	3794F 7	3959F 9
24	3220F 0	3816F 7	3977F10
22	3238F 0	3839F 7	3991F10
20	3256F 0	3861F 8	4006^10
15	3306F 1	3900F 8	4044F11
10	3366F 1	3941F 9	4090F12
5	3430F 2	3986F10	4143F13
0	3501F 2	4026F11	4196F13
-5	3587F 3	4069F11	4246F14
-10	3617F 4	4117F12	4283^15
-15	3662F 5	4174F13	4279^15
-20	3712F 5	4228F14	4277^15
-25	3632^ 4	4227^14	4273^15

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-630**
Wing A/I ON **-630**

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	207	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.13
Rwy Rev.		Program						Rules	FAA		**11 Nov 22**

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TAR Mexico **EMB-145** **AE3007A1**

CIUDAD OBREGON -CEN 31-NW200M *LT H270*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1207		LT H270	1207	

NOTAMS B0119/23

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
49	87.5	3967F19	4210F24	4296F26	3904F 5	4185F15	4284F18	4631
48	87.6	4002F20	4246F24	4333F26	3937F 5	4220F15	4320F19	4690
46	87.7	4073F21	4320F25	4408F27	4006F 6	4290F16	4391F19	4807
44	87.7	4121F21	4370F26	4458F28	4051F 6	4337F16	4440F20	4879
42	87.5	4145F22	4395F26	4485F28	4074F 7	4363F17	4466F20	4943
40	87.3	4164F22	4416F27	4506F28	4095F 7	4385F17	4488F20	4958
38	87.0	4174F22	4427F27	4517F29	4104F 7	4397F17	4501F21	4960
36	86.7	4184F22	4439F27	4527F29	4115F 8	4409F18	4514F21	4962
34	86.5	4194F23	4450F27	4539F29	4127F 8	4422F18	4527F21	4964
32	86.2	4204F23	4462F28	4551F29	4138F 8	4435F18	4540F22	4966
30	85.9	4215F23	4473F28	4563F29	4150F 9	4448F19	4554F22	4968
28	85.6	4225F23	4485F28	4576F30	4161F 9	4461F19	4568F22	4970
26	85.3	4236F23	4497F28	4588F30	4173F 9	4475F19	4582F23	4971
24	85.1	4246F24	4507F28	4601F30	4185F10	4488F20	4596F23	4973
22	84.8	4257F24	4519F29	4614F30	4197F10	4501F20	4608F23	4975
10	83.0	4321F25	4592F30	4690F32	4266F12	4583F22	4690^26	4972

High QNH **+60** per .10" Engine A/I ON **-390**
Low QNH **-150** per .10" Wing A/I ON **-390**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.7	4053F21	4302F26	4381^27	3963F 6	4255F16	4359F20	4631
48	90.8	4090F22	4340F26	4429F28	3998F 7	4291F17	4396F20	4690
46	90.9	4165F22	4417F27	4507F29	4066F 7	4363F17	4469F20	4807
44	90.9	4223F23	4478F28	4567F30	4118F 8	4419F18	4526F21	4879
42	90.7	4265F24	4522F29	4614F30	4153F 8	4459F18	4568F22	4943
40	90.4	4286F24	4545F29	4637F31	4175F 9	4482F19	4589F22	4958
38	90.2	4300F25	4561F29	4654F31	4189F 9	4499F19	4607F22	4960
36	89.9	4311F25	4572F30	4660^31	4201F 9	4512F20	4621F23	4962
34	89.6	4321F25	4584F30	4668^31	4212F10	4525F20	4635F23	4964
32	89.3	4332F25	4596F30	4677^31	4224F10	4539F20	4649F23	4966
30	89.0	4343F25	4608F30	4685^31	4236F10	4553F21	4664F24	4968
28	88.7	4353F26	4621F30	4693^32	4249F11	4567F21	4671^24	4970
26	88.4	4365F26	4633F31	4701^32	4261F11	4579F21	4682^25	4971
24	88.1	4376F26	4646F31	4710^32	4273F11	4593F22	4692^25	4973
22	87.8	4387F26	4659F31	4718^32	4284F12	4607F22	4702^25	4975
10	86.0	4451F27	4713^32	4764^33	4359F14	4690^24	4764D28	4972

High QNH **+40** per .10" Engine A/I ON **-580**
Low QNH **-150** per .10" Wing A/I ON **-580**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.7	4053F21-21-32	4302F26-26-36	4381^27-27-37	4425^28-28-37
48	90.8	4090F22-22-32	4340F26-26-36	4429F28-28-37	4472^29-29-38
46	90.9	4165F22-22-33	4417F27-27-37	4507F29-29-39	4565^30-30-39
44	90.9	4223F23-23-34	4478F28-28-38	4567F30-30-40	4630^31-31-40
42	90.7	4265F24-24-35	4522F29-29-39	4614F30-30-40	4668^31-31-41
40	90.4	4286F24-24-35	4545F29-29-39	4637F31-31-41	4690^32-32-41
38	90.2	4300F25-25-36	4561F29-29-39	4654F31-31-41	4699^32-32-41
36	89.9	4311F25-25-36	4572F30-30-40	4660^31-31-41	4707^32-32-42
34	89.6	4321F25-25-36	4584F30-30-40	4668^31-31-41	4715^32-32-42
32	89.3	4332F25-25-36	4596F30-30-40	4677^31-31-41	4723^32-32-42
30	89.0	4343F25-25-36	4608F30-30-40	4685^31-31-41	4730^32-32-42
28	88.7	4353F26-26-36	4621F30-30-40	4693^32-32-41	4739^32-32-42
26	88.4	4365F26-26-37	4633F31-31-40	4701^32-32-41	4749^33-33-42
24	88.1	4376F26-26-37	4646F31-31-41	4710^32-32-42	4760^33-33-42
22	87.8	4387F26-26-37	4659F31-31-41	4718^32-32-42	4770^33-33-42
10	86.0	4451F27-27-38	4713^32-32-42	4764^33-33-42	4827^34-34-43

High QNH **+40** per .10" Engine A/I ON **-580**
Low QNH **-150** per .10" Wing A/I ON **-580**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	207	Length	6890	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.13
Rwy Rev.		Program						Rules	FAA		**13 Nov 23**

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CIUDAD OBREGON -CEN 31-NW200M *LT H270*

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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	4090F22	4340F26	4429F28	4082F21	4331F26	4419F28			
46	4165F22	4417F27	4507F29	4155F22	4407F27	4497F29			
44	4223F23	4478F28	4567F30	4213F23	4468F28	4557F29			
42	4265F24	4522F29	4614F30	4255F24	4511F29	4603F30			
40	4286F24	4545F29	4637F31	4277F24	4534F29	4627F31			
38	4300F25	4561F29	4654F31	4291F24	4551F29	4644F31			
36	4311F25	4572F30	4660^31	4301F25	4562F29	4656F31			
34	4321F25	4584F30	4668^31	4312F25	4574F30	4661^31			
32	4332F25	4596F30	4677^31	4323F25	4586F30	4670^31			
30	4343F25	4608F30	4685^31	4333F25	4599F30	4679^31			
28	4353F26	4621F30	4693^32	4344F25	4611F30	4687^32			
26	4365F26	4633F31	4701^32	4355F26	4624F30	4695^32			
24	4376F26	4646F31	4710^32	4367F26	4636F31	4703^32			
10	4451F27	4713^32	4764^33	4412F27	4655^31	4710^32			
	High QNH **+40** per .10"			High QNH **+40** per .10"			High QNH per .10"		
	Low QNH **-150** per .10"			Low QNH **-150** per .10"			Low QNH per .10"		
	Engine A/I ON **-580**			Engine A/I ON **+0**			Engine A/I ON		
	Wing A/I ON **-580**			Wing A/I ON **+0**			Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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	3998F 7	4291F17	4396F20	3991F 7	4284F17	4388F20			
46	4066F 7	4363F17	4469F20	4059F 7	4355F17	4460F20			
44	4118F 8	4419F18	4526F21	4111F 8	4411F18	4518F21			
42	4153F 8	4459F18	4568F22	4147F 8	4451F18	4559F22			
40	4175F 9	4482F19	4589F22	4168F 8	4475F19	4583F22			
38	4189F 9	4499F19	4607F22	4183F 9	4491F19	4599F22			
36	4201F 9	4512F20	4621F23	4194F 9	4504F19	4612F23			
34	4212F10	4525F20	4635F23	4206F10	4518F20	4627F23			
32	4224F10	4539F20	4649F23	4218F10	4531F20	4641F23			
30	4236F10	4553F21	4664F24	4230F10	4545F21	4655F24			
28	4249F11	4567F21	4671^24	4242F11	4559F21	4664^24			
26	4261F11	4579F21	4682^25	4254F11	4573F21	4675^24			
24	4273F11	4593F22	4692^25	4267F11	4585F22	4686^25			
10	4359F14	4690^24	4764D28	4322F14	4638^24	4710D28			
	High QNH **+60** per .10"			High QNH **+50** per .10"			High QNH per .10"		
	Low QNH **-150** per .10"			Low QNH **-150** per .10"			Low QNH per .10"		
	Engine A/I ON **-510**			Engine A/I ON **+0**			Engine A/I ON		
	Wing A/I ON **-510**			Wing A/I ON **+0**			Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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		4121F97	4251^ 0	2803F96	3558F 3	3725F 5			
26		4152F97	4254^ 0	2822F96	3575F 3	3742F 6			
24		4180F97	4255^ 1	2842F96	3591F 3	3765F 6			
22		4209F98	4257^ 1	2861F97	3606F 4	3787F 6			
20		4210^98	4259^ 2	2880F97	3624F 4	3809F 6			
15	3168F91	4210^99	4260^ 3	2927F98	3667F 5	3866F 7			
10	3272F92	4209^ 0	4259^ 4	2984F98	3715F 5	3910F 8			
5	3365F92	4214^ 1	4265^ 5	3049F99	3771F 6	3954F 9			
0	3469F93	4219^ 2	4270^ 6	3109F 0	3832F 7	4000F 9			
-5	3420F94	4221^ 3	4273^ 7	3184F 0	3888F 7	4042F10			
-10	3527F95	4221^ 5	4274^ 8	3267F 1	3933F 8	4080F11			
-15	3622F96	4220^ 6	4274^10	3340F 1	3977F 9	4122F12			
-20	3719F96	4221^ 7	4275^11	3421F 2	4021F10	4171F13			
-25	3818F97	4220^ 8	4276^12	3512F 2	4060F11	4225F14			
	High QNH **+0** per .10"			High QNH **+80** per .10"			High QNH per .10"		
	Low QNH **-150** per .10"			Low QNH **-160** per .10"			Low QNH per .10"		
	Engine A/I ON **-710**			Engine A/I ON **-450**			Engine A/I ON		
	Wing A/I ON **-710**			Wing A/I ON **-450**			Wing A/I ON		

Elevation	207	Length	6890	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.13
Rwy Rev.		Program						Rules	FAA		**13 Nov 23**

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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	3907F19	4136F23	4214F25	3849F 7	4119F16	4211F19	4505
42	88.2	3968F19	4201F24	4280F25	3907F 7	4180F16	4274F19	4600
40	88.5	4028F20	4267F25	4347F26	3964F 8	4241F17	4336F20	4694
38	88.5	4087F21	4328F26	4410F27	4020F 8	4299F18	4396F21	4784
36	88.4	4133F22	4376F26	4457F28	4064F 9	4345F18	4444F21	4861
34	88.4	4164F22	4409F27	4491F28	4095F 9	4378F18	4477F21	4930
32	88.4	4185F23	4432F27	4514F29	4116F 9	4401F19	4500F22	4940
30	88.3	4196F23	4443F27	4526F29	4127F10	4414F19	4513F22	4941
28	88.0	4206F23	4455F27	4538F29	4139F10	4427F19	4527F22	4943
26	87.7	4217F23	4467F28	4549F29	4150F10	4440F20	4538F23	4944
24	87.4	4228F23	4478F28	4561F29	4162F11	4454F20	4552F23	4946
20	86.8	4249F24	4500F28	4585F30	4186F11	4480F21	4579F24	4949
10	85.3	4303F25	4558F29	4646F31	4245F13	4545F23	4646D26	4952
0	83.8	4357F26	4616F30	4706F32	4307F15	4613F24	4706D28	4947
-10	82.3	4416F27	4679F31	4755^33	4373F17	4679D26	4755D30	4953
-20	80.7	4473F28	4707^32	4764^33	4440F19	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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
44	91.2	3995F20	4225F25	4280^26	3913F 8	4191F17	4279^20	4505
42	91.5	4057F21	4292F26	4365^27	3971F 8	4254F18	4351F21	4600
40	91.9	4121F22	4360F27	4442F28	4030F 9	4317F18	4415F21	4694
38	92.1	4181F23	4422F27	4505F29	4086F 9	4376F19	4476F22	4784
36	92.2	4234F24	4478F28	4561F30	4134F10	4428F20	4527F23	4861
34	92.2	4273F24	4519F29	4604F30	4170F10	4467F20	4567F23	4930
32	91.9	4302F25	4549F29	4634F31	4196F11	4495F21	4597F24	4940
30	91.7	4324F25	4572F30	4658F31	4216F11	4516F21	4621F24	4941
28	91.4	4335F25	4584F30	4670F31	4228F12	4529F21	4635F24	4943
26	91.1	4346F25	4595F30	4682F32	4240F12	4543F22	4649F25	4944
24	90.8	4357F26	4607F30	4694F32	4251F12	4557F22	4663F25	4946
20	90.2	4379F26	4631F31	4719F32	4277F13	4585F23	4693F26	4949
10	88.6	4436F27	4681^31	4735^32	4341F15	4656F25	4735D28	4952
0	87.0	4489F28	4688^32	4744^33	4406F17	4688^27	4744D30	4947
-10	85.4	4540^29	4703^32	4759^33	4477F19	4703D29	4759D33	4953
-20	83.8	4547^29	4711^32	4769^33	4544F21	4711D32	4769D33	4951

High QNH **+20** per .10" Engine A/I ON **-740**
Low QNH **-150** per .10" Wing A/I ON **-740**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
44	91.2	3995F20-20-31	4225F25-25-34	4280^26-26-35	4329^27-27-36
42	91.5	4057F21-21-32	4292F26-26-35	4365^27-27-37	4415^28-28-37
40	91.9	4121F22-22-33	4360F27-27-36	4442F28-28-38	4498^29-29-39
38	92.1	4181F23-23-34	4422F27-27-37	4505F29-29-39	4580^30-30-40
36	92.2	4234F24-24-35	4478F28-28-38	4561F30-30-39	4648F31-31-41
34	92.2	4273F24-24-35	4519F29-29-39	4604F30-30-40	4691F32-32-41
32	91.9	4302F25-25-36	4549F29-29-39	4634F31-31-41	4722F32-32-42
30	91.7	4324F25-25-36	4572F30-30-40	4658F31-31-41	4747F33-33-42
28	91.4	4335F25-25-36	4584F30-30-40	4670F31-31-41	4759F33-33-42
26	91.1	4346F25-25-36	4595F30-30-40	4682F32-32-41	4763^33-33-42
24	90.8	4357F26-26-36	4607F30-30-40	4694F32-32-41	4768^33-33-42
20	90.2	4379F26-26-37	4631F31-31-40	4719F32-32-42	4775^33-33-43
10	88.6	4436F27-27-38	4681^31-31-41	4735^32-32-42	4791^33-33-43
0	87.0	4489F28-28-38	4688^32-32-41	4744^33-33-42	4800^34-34-43
-10	85.4	4540^29-29-39	4703^32-32-42	4759^33-33-42	4831F40-40-49
-20	83.8	4547^29-29-39	4712F38-38-47	4803F39-39-49	4896F41-41-50

High QNH **+20** per .10" Engine A/I ON **-740**
Low QNH **-150** per .10" Wing A/I ON **-740**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	2467	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.48
Rwy Rev.		Program						Rules	FAA		**18 Sep 19**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
44	3995F20	4169^24	4224^25
42	4057F21	4255^25	4309^26
40	4121F22	4337^26	4392^27
38	4181F23	4417^27	4474^28
36	4234F24	4478F28	4548^29
34	4273F24	4519F29	4604F30
32	4302F25	4549F29	4630^31
30	4324F25	4572F30	4636^31
28	4335F25	4584F30	4642^31
26	4346F25	4587^30	4646^31
24	4357F26	4589^30	4648^31
20	4379F26	4593^30	4654^31
10	4424^27	4600^30	4660^31
0	4421^27	4599^30	4659^31

High QNH **+20** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-680**
Wing A/I ON **-680**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
44	3985F20	4214F25	4270^26
42	4047F21	4282F25	4355^27
40	4111F22	4350F26	4431F28
38	4171F23	4412F27	4495F29
36	4224F23	4468F28	4551F29
34	4266F24	4512F29	4596F30
32	4293F25	4540F29	4625F31
30	4314F25	4562F29	4648F31
28	4325F25	4574F30	4660F31
26	4336F25	4585F30	4672F31
24	4347F26	4597F30	4684F32
20	4370F26	4621F30	4709F32
10	4399F27	4606^30	4660^31
0	4446F28	4623^31	4678^32

High QNH **+20** 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 9 -10T	+0	+10H
44	3913F 8	4168^17	4224D21
42	3971F 8	4252^18	4309^21
40	4030F 9	4317F18	4392^22
38	4086F 9	4376F19	4472^22
36	4134F10	4428F20	4527F23
34	4170F10	4467F20	4567F23
32	4196F11	4495F21	4597F24
30	4216F11	4516F21	4621F24
28	4228F12	4529F21	4635F24
26	4240F12	4543F22	4644^25
24	4251F12	4557F22	4647^25
20	4277F13	4585F23	4653^26
10	4341F15	4599^25	4660D28
0	4406F17	4599D27	4659D31

High QNH **+20** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-670**
Wing A/I ON **-670**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
44	3905F 8	4182F17	4269^20
42	3964F 8	4245F18	4342F21
40	4023F 9	4308F18	4406F21
38	4079F 9	4368F19	4467F22
36	4127F10	4420F19	4518F22
34	4164F10	4461F20	4561F23
32	4190F11	4488F20	4589F23
30	4209F11	4508F21	4612F24
28	4221F12	4521F21	4626F24
26	4233F12	4535F22	4640F25
24	4244F12	4549F22	4655F25
20	4270F13	4577F23	4684F26
10	4308F15	4605^25	4660D28
0	4368F17	4623D27	4678D30

High QNH **+20** per .10"
Low QNH **-150** per .10"

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

LEVEL 1 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3373F92	4122F99	4217^ 2
26	3404F92	4135F99	4220^ 3
24	3444F92	4149F 0	4223^ 3
22	3479F92	4163F 0	4226^ 3
20	3513F92	4177F 0	4228^ 4
18	3549F93	4183^ 1	4230^ 4
16	3582F93	4186^ 1	4233^ 5
14	3622F93	4187^ 1	4235^ 5
12	3655F93	4188^ 2	4236^ 5
10	3701F94	4187^ 2	4235^ 6
0	3936F95	4187^ 4	4238^ 8
-10	3973F97	4195^ 7	4247^10
-20	4046^99	4198^ 9	4247D13
-30	4040^ 1	4196D12	4237D14

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

Engine A/I ON **-630**
Wing A/I ON **-630**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	2973F98	3500F 5	3673F 8
26	2986F98	3531F 5	3695F 8
24	3000F99	3556F 6	3717F 8
22	3014F99	3565F 6	3743F 8
20	3029F99	3584F 6	3772F 8
18	3043F 0	3599F 7	3804F 9
16	3058F 0	3615F 7	3837F 9
14	3076F 0	3633F 7	3860F 9
12	3091F 0	3650F 7	3883F 9
10	3108F 1	3670F 8	3900F 9
0	3197F 2	3816F 9	4009F11
-10	3297F 3	3936F10	4109F12
-20	3410F 5	4041F11	4185^13
-30	3560F 6	4144F13	4208^14

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

Engine A/I ON **-390**
Wing A/I ON **-390**

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 2467 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.48
Rwy Rev. Program Rules FAA **18 Sep 19**

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COLOMBIA -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**

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	4016F21	4256F25	4341F27	3936F 6	4211F15	4309F18	4505
42	88.2	4078F22	4321F26	4407F28	3995F 6	4273F16	4371F19	4600
40	88.5	4141F22	4386F27	4473F29	4053F 7	4334F16	4434F19	4694
38	88.5	4201F23	4449F28	4535F29	4110F 7	4394F17	4494F20	4784
36	88.4	4248F24	4496F28	4585F30	4155F 8	4441F17	4542F20	4861
34	88.4	4281F24	4531F29	4620F31	4186F 8	4474F18	4574F21	4930
32	88.4	4302F25	4554F29	4644F31	4208F 8	4497F18	4598F21	4940
30	88.3	4313F25	4566F30	4657F31	4219F 9	4511F18	4612F21	4941
28	88.0	4324F25	4579F30	4669F31	4231F 9	4524F19	4626F22	4943
26	87.7	4335F25	4591F30	4682F32	4243F 9	4538F19	4641F22	4944
24	87.4	4346F25	4604F30	4695F32	4255F10	4552F19	4655F23	4946
20	86.8	4369F26	4629F31	4722F32	4280F10	4578F20	4684F23	4949
10	85.3	4426F27	4693F32	4789F33	4341F12	4649F22	4758F25	4952
0	83.8	4481F28	4757F33	4853F34	4404F14	4721F24	4832F27	4947
-10	82.3	4542F29	4826F34	4914^35	4473F16	4799F26	4911F29	4953
-20	80.7	4602F30	4869^35	4908^35	4541F18	4867^28	4908D31	4951

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

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
44	91.2	4106F23	4352F27	4435F29	3996F 7	4282F17	4384F20	4505
42	91.5	4171F23	4420F28	4506F29	4056F 7	4345F17	4448F20	4600
40	91.9	4236F24	4488F29	4575F30	4116F 8	4408F18	4512F21	4694
38	92.1	4298F25	4550F30	4640F31	4173F 8	4468F18	4572F21	4784
36	92.2	4352F26	4607F30	4698F32	4221F 9	4520F19	4624F22	4861
34	92.2	4392F26	4650F31	4742F33	4258F 9	4559F19	4665F22	4930
32	91.9	4421F27	4681F32	4774F33	4284F10	4587F20	4695F23	4940
30	91.7	4443F27	4707F32	4800F34	4304F10	4610F20	4719F23	4941
28	91.4	4454F27	4719F32	4813F34	4314F10	4624F20	4734F24	4943
26	91.1	4466F28	4732F32	4825F34	4327F11	4638F21	4749F24	4944
24	90.8	4477F28	4745F33	4838F34	4340F11	4653F21	4764F24	4946
20	90.2	4501F28	4772F33	4864F35	4366F12	4682F22	4795F25	4949
10	88.6	4560F29	4837F34	4929F36	4432F14	4757F24	4871F27	4952
0	87.0	4618F30	4891^35	4926^36	4498F16	4832F26	4923^29	4947
-10	85.4	4683F32	4891^35	4928^36	4571F18	4887^28	4928D32	4953
-20	83.8	4746F33	4884^35	4922^36	4643F20	4884^30	4922D34	4951

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

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
44	91.2	4106F23-23-33	4352F27-27-36	4435F29-29-38	4498^30-30-39
42	91.5	4171F23-23-34	4420F28-28-37	4506F29-29-39	4592F31-31-40
40	91.9	4236F24-24-35	4488F29-29-38	4575F30-30-40	4663F32-32-41
38	92.1	4298F25-25-36	4550F30-30-39	4640F31-31-41	4730F33-33-42
36	92.2	4352F26-26-36	4607F30-30-40	4698F32-32-41	4789F34-34-43
34	92.2	4392F26-26-37	4650F31-31-41	4742F33-33-42	4833F34-34-43
32	91.9	4421F27-27-37	4681F32-32-41	4774F33-33-43	4865F35-35-44
30	91.7	4443F27-27-38	4707F32-32-42	4800F34-34-43	4891F35-35-44
28	91.4	4454F27-27-38	4719F32-32-42	4813F34-34-43	4902F35-35-44
26	91.1	4466F28-28-38	4732F32-32-42	4825F34-34-43	4916F35-35-45
24	90.8	4477F28-28-38	4745F33-33-42	4838F34-34-43	4929F36-36-45
20	90.2	4501F28-28-39	4772F33-33-43	4864F35-35-44	4949C36-36-45
10	88.6	4560F29-29-39	4837F34-34-43	4929F36-36-45	4952C36-36-45
0	87.0	4618F30-30-40	4891^35-35-44	4926^36-36-45	4947C36-36-45
-10	85.4	4683F32-32-41	4891^35-35-44	4928^36-36-45	4978F42-42-51
-20	83.8	4746F33-33-42	4884^35-35-44	4951F42-42-51	4977C42-42-51

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

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	2467	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.48
Rwy Rev.		Program						Rules	FAA		**18 Sep 19**

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COLIMA -CLQ 25 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
44	4106F23	4352F27	4435F29
42	4171F23	4420F28	4506F29
40	4236F24	4488F29	4575F30
38	4298F25	4550F30	4640F31
36	4352F26	4607F30	4698F32
34	4392F26	4650F31	4742F33
32	4421F27	4681F32	4774F33
30	4443F27	4707F32	4800F34
28	4454F27	4719F32	4813F34
26	4466F28	4732F32	4825F34
24	4477F28	4745F33	4838F34
20	4501F28	4772F33	4864F35
10	4560F29	4837F34	4929F36
0	4618F30	4891^35	4926^36

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

Engine A/I ON **-790**
Wing A/I ON **-790**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4096F22	4341F27	4424F28
4161F23	4409F28	4494F29
4226F24	4476F29	4563F30
4288F25	4539F29	4629F31
4342F26	4596F30	4687F32
4385F26	4642F31	4734F33
4413F27	4672F31	4764F33
4433F27	4696F32	4789F33
4444F27	4709F32	4802F34
4456F28	4721F32	4815F34
4467F28	4734F32	4827F34
4491F28	4761F33	4853F34
4523F29	4797F34	4859^35
4576F30	4811^34	4846^35

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

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

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
44	3996F 7	4282F17	4384F20
42	4056F 7	4345F17	4448F20
40	4116F 8	4408F18	4512F21
38	4173F 8	4468F18	4572F21
36	4221F 9	4520F19	4624F22
34	4258F 9	4559F19	4665F22
32	4284F10	4587F20	4695F23
30	4304F10	4610F20	4719F23
28	4314F10	4624F20	4734F24
26	4327F11	4638F21	4749F24
24	4340F11	4653F21	4764F24
20	4366F12	4682F22	4795F25
10	4432F14	4757F24	4871F27
0	4498F16	4832F26	4923^29

High QNH **+80** 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
3989F 7	4274F16	4375F19
4049F 7	4337F17	4439F20
4109F 8	4400F17	4503F21
4166F 8	4460F18	4564F21
4215F 9	4512F19	4615F22
4253F 9	4553F19	4659F22
4278F10	4580F20	4688F23
4297F10	4602F20	4711F23
4308F10	4616F20	4725F24
4320F11	4630F21	4740F24
4333F11	4645F21	4756F24
4360F12	4674F22	4786F25
4398F14	4723F24	4835F27
4459F16	4791F26	4846^29

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 9 -10T	+0	+10H
28		3994F97	4087F 1
26		4004F98	4099F 1
24		4016F98	4111F 1
22		4030F98	4125F 2
20		4040F99	4137F 2
18		4053F99	4150F 2
16		4067F 0	4164F 3
14		4079F 0	4176F 3
12		4090F 0	4188F 4
10		4103F 1	4199F 4
0		4166F 3	4261F 6
-10		4231F 5	4328F 8
-20	2655F 1	4295F 7	4398F10
-30	4013F99	4364F 9	4471F12

High QNH **+60** per .10"
Low QNH **-370** per .10"

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

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
3044F95	3597F 3	3759F 5
3059F95	3614F 3	3780F 5
3076F96	3631F 3	3804F 6
3094F96	3648F 4	3827F 6
3113F96	3666F 4	3846F 6
3129F97	3685F 4	3864F 7
3144F97	3704F 4	3879F 7
3162F97	3724F 5	3897F 7
3178F97	3742F 5	3913F 8
3196F98	3763F 5	3928F 8
3297F99	3867F 7	4009F 9
3418F 0	3956F 8	4089F11
3562F 1	4035F10	4170F13
3644F 3	4115F12	4245^14

High QNH **+70** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-440**
Wing A/I ON **-440**

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	-0.48
Rwy Rev.		Program						Rules	FAA		**18 Sep 19**

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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
49	87.6	4481^29	4579^31	4611^31	4481D26	4579D31	4611D31	4665
48	87.6	4538^30	4637^31	4670^32	4538D26	4637D31	4670D32	4725
46	87.7	4650^31	4750^33	4784^33	4650D27	4750D33	4784D34	4845
44	87.6	4730^32	4833^34	4868^35	4729^27	4833D34	4868D35	4901
42	87.4	4779^33	4883^35	4918^35	4777^27	4883D35	4918D36	4947
40	87.1	4786^33	4891^35	4925^36	4784^28	4891D35	4925D36	4959
38	86.8	4787^33	4892^35	4927^36	4786^28	4892D35	4927D36	4961
36	86.6	4787^33	4894^35	4929^36	4787D28	4894D35	4929D36	4962
34	86.3	4788^33	4895^35	4930^36	4788D29	4895D35	4930D36	4964
32	86.0	4788^33	4896^35	4931^36	4788D29	4896D35	4931D36	4966
30	85.7	4789^33	4897^35	4933^36	4789D30	4897D35	4933D36	4968
28	85.4	4789^33	4898^35	4934^36	4789D30	4898D35	4934D36	4970
26	85.2	4790^33	4899^35	4935^36	4790D31	4899D35	4935D36	4971
24	84.9	4790^33	4900^35	4936^36	4790D31	4900D35	4936D36	4973
22	84.6	4790^33	4901^35	4937^36	4790D32	4901D35	4937D36	4975
10	82.8	4780^33	4893^35	4932^36	4780D33	4893D35	4932D36	4973

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4492^29	4590^31	4622^31	4492D28	4590D31	4622D31	4665
48	90.8	4550^30	4648^32	4681^32	4550D28	4648D32	4681D32	4725
46	90.9	4663^31	4762^33	4795^34	4663D29	4762D33	4795D34	4845
44	90.8	4745^33	4847^34	4881^35	4745D29	4847D34	4881D35	4901
42	90.5	4798^33	4900^35	4935^36	4798D30	4900D35	4935D36	4947
40	90.2	4804^34	4908^35	4942^36	4804D30	4908D35	4942D36	4959
38	89.9	4805^34	4909^35	4944^36	4805D31	4909D35	4944D36	4961
36	89.7	4806^34	4911^35	4945^36	4806D31	4911D35	4945D36	4962
34	89.4	4806^34	4912^35	4947^36	4806D32	4912D35	4947D36	4964
32	89.1	4807^34	4913^35	4948^36	4807D32	4913D35	4948D36	4966
30	88.8	4807^34	4914^35	4949^36	4807D33	4914D35	4949D36	4968
28	88.5	4808^34	4915^35	4950^36	4808D33	4915D35	4950D36	4970
26	88.2	4808^34	4916^35	4951^36	4808D34	4916D35	4951D36	4971
24	87.9	4808^34	4917^35	4952^36	4808D34	4917D36	4952D36	4973
22	87.6	4808^34	4917^35	4953^36	4808D34	4917D36	4953D36	4975
10	85.8	4797^33	4909^35	4947^36	4797D34	4909D35	4947D36	4973

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4626^37-37-46	4697C38-38-47	4697C38-38-47	4697C38-38-47
48	90.8	4685^38-38-47	4759C39-39-48	4759C39-39-48	4759C39-39-48
46	90.9	4785F39-39-48	4883C41-41-50	4883C41-41-50	4883C41-41-50
44	90.8	4849F40-40-49	4949C42-42-51	4949C42-42-51	4949C42-42-51
42	90.5	4896F41-41-50	4963C42-42-51	4963C42-42-51	4963C42-42-51
40	90.2	4911F41-41-50	4974C42-42-51	4974C42-42-51	4974C42-42-51
38	89.9	4923F41-41-51	4975C42-42-51	4975C42-42-51	4975C42-42-51
36	89.7	4935F42-42-51	4975C42-42-51	4975C42-42-51	4975C42-42-51
34	89.4	4947F42-42-51	4977C42-42-51	4977C42-42-51	4977C42-42-51
32	89.1	4953^42-42-51	4979C42-42-51	4979C42-42-51	4979C42-42-51
30	88.8	4954^42-42-51	4981C42-42-51	4981C42-42-51	4981C42-42-51
28	88.5	4954^42-42-51	4982C42-42-51	4982C42-42-51	4982C42-42-51
26	88.2	4955^42-42-51	4984C42-42-51	4984C42-42-51	4984C42-42-51
24	87.9	4955^42-42-51	4986C42-42-51	4986C42-42-51	4986C42-42-51
22	87.6	4956^42-42-51	4988C43-43-51	4988C43-43-51	4988C43-43-51
10	85.8	4944^42-42-51	4986C42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+40** per .10" Engine A/I ON **-840**
Low QNH **-180** per .10" Wing A/I ON **-840**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	15	Length	9885	Shift	**0**	Clearway	0	Stopway	492	Slope	+0.04
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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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	4663^31	4762^33	4795^34
44	4745^33	4847^34	4881^35
42	4798^33	4900^35	4935^36
40	4804^34	4908^35	4942^36
38	4805^34	4909^35	4944^36
36	4806^34	4911^35	4945^36
34	4806^34	4912^35	4947^36
32	4807^34	4913^35	4948^36
30	4807^34	4914^35	4949^36
28	4808^34	4915^35	4950^36
26	4808^34	4916^35	4951^36
24	4808^34	4917^35	4952^36
10	4797^33	4909^35	4947D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4544^30	4643^31	4675^32
46	4657^31	4756^33	4789^34
44	4740^33	4841^34	4875^35
42	4793^33	4895^35	4930^36
40	4799^33	4902^35	4937^36
38	4801^33	4904^35	4940^36
36	4802^34	4906^35	4941^36
34	4802^34	4907^35	4942^36
32	4802^34	4908^35	4943^36
30	4803^34	4909^35	4945^36
28	4803^34	4910^35	4946^36
26	4803^34	4910^35	4947^36
24	4804^34	4911^35	4948^36
10	4713^32	4824^34	4862^35

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	4550D28	4648D32	4681D32
46	4663D29	4762D33	4795D34
44	4745D29	4847D34	4881D35
42	4798D30	4900D35	4935D36
40	4804D30	4908D35	4942D36
38	4805D31	4909D35	4944D36
36	4806D31	4911D35	4945D36
34	4806D32	4912D35	4947D36
32	4807D32	4913D35	4948D36
30	4807D33	4914D35	4949D36
28	4808D33	4915D35	4950D36
26	4808D34	4916D35	4951D36
24	4808D34	4917D36	4952D36
10	4797D34	4909D35	4947D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4544D28	4643D32	4675D32
46	4657D29	4756D33	4789D34
44	4740D29	4841D34	4875D35
42	4793D30	4895D35	4930D36
40	4799D30	4902D35	4937D36
38	4801D31	4904D35	4940D36
36	4802D31	4906D35	4941D36
34	4802D32	4907D35	4942D36
32	4802D32	4908D35	4943D36
30	4803D33	4909D35	4945D36
28	4803D33	4910D35	4946D36
26	4803D33	4910D35	4947D36
24	4804D34	4911D35	4948D36
10	4713D32	4824D34	4862D35

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	4442F 9	4720F19	4817F22
26	4455F10	4735F20	4831F23
24	4467F10	4748F20	4845F23
22	4479F10	4761F20	4859F23
20	4492F11	4775F21	4872F24
15	4523F12	4810F22	4909F25
10	4554F13	4843F23	4909^26
5	4586F14	4870^24	4916^27
0	4621F15	4876^25	4922^29
-5	4656F16	4879^26	4927^30
-10	4689F17	4881^28	4930^31
-15	4722F18	4881^29	4930^33
-20	4735^19	4882^30	4934^34
-25	4733^21	4883^32	4937^35

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

Engine A/I ON **-840**
Wing A/I ON **-840**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4168F14	4413F23	4503F26
26	4179F14	4423F23	4516F26
24	4190F14	4436F23	4529F26
22	4200F15	4449F24	4543F27
20	4211F15	4462F24	4556F27
15	4237F16	4495F25	4592F28
10	4262F17	4528F26	4627F29
5	4292F18	4564F27	4665F30
0	4322F19	4600F28	4703F31
-5	4352F20	4636F29	4742F32
-10	4380F21	4672F30	4781F32
-15	4410F22	4708F31	4820F33
-20	4441F23	4749F32	4862F34
-25	4471F24	4789F33	4910F35

High QNH **+80** per .10"
Low QNH **-70** per .10"

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

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 9885 Shift **0** Clearway 0 Stopway 492 Slope +0.04
Rwy Rev. Program Rules FAA **07 Feb 23**

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COZUMEL **-CZM** **12** ***DT H118***

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1015'		**DT H118**	**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
49	87.6	4362^27	4511^29	4563^30	4338^18	4511D27	4563D31	4665
48	87.6	4408^27	4560^30	4613^31	4380^18	4560D28	4613D31	4725
46	87.7	4499^29	4657^31	4711^32	4465^18	4657D28	4711D31	4845
44	87.6	4551^29	4710^32	4765^33	4514^19	4710D29	4765D32	4901
42	87.4	4566^29	4727^32	4782^33	4530^19	4727D29	4782D32	4947
40	87.1	4580^30	4741^32	4797^33	4546^20	4741D29	4797D32	4959
38	86.8	4588^30	4748^33	4804^34	4555^20	4748D30	4804D33	4961
36	86.6	4595^30	4756^33	4811^34	4564^20	4756D30	4811D33	4962
34	86.3	4603^30	4763^33	4819^34	4573^21	4763D30	4819D34	4964
32	86.0	4611^30	4771^33	4827^34	4583^21	4771D31	4827D34	4966
30	85.7	4619^30	4779^33	4835^34	4593^21	4779D31	4835D34	4968
28	85.4	4626^30	4786^33	4843^34	4603^22	4786D32	4843D35	4970
26	85.2	4634^31	4795^33	4851^34	4613^22	4795D32	4851D35	4971
24	84.9	4642^31	4803^33	4858^34	4623^22	4803D32	4858D35	4973
22	84.6	4649^31	4810^34	4866^35	4633^23	4810D33	4866D35	4975
10	82.8	4689^32	4851^34	4907^35	4686^25	4851D35	4907D36	4973

High QNH **+70** per .10" — Engine A/I ON **-620**
Low QNH **-170** per .10" — Wing A/I ON **-620**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4412^28	4559^30	4608^31	4387^19	4559D29	4608D31	4665
48	90.8	4460^28	4608^31	4659^32	4430^20	4608D29	4659D32	4725
46	90.9	4556^30	4708^32	4761^33	4519^20	4708D30	4761D33	4845
44	90.8	4615^30	4769^33	4823^34	4575^21	4769D31	4823D34	4901
42	90.5	4643^31	4798^33	4851^34	4604^21	4798D31	4851D35	4947
40	90.2	4657^31	4812^34	4865^35	4619^22	4812D32	4865D35	4959
38	89.9	4664^31	4819^34	4872^35	4627^22	4819D32	4872D35	4961
36	89.7	4670^31	4825^34	4879^35	4637^22	4825D33	4879D36	4962
34	89.4	4677^31	4832^34	4886^35	4647^23	4832D33	4886D36	4964
32	89.1	4685^31	4840^34	4893^35	4656^23	4840D33	4893D36	4966
30	88.8	4692^32	4848^34	4900^35	4666^24	4848D34	4900D36	4968
28	88.5	4700^32	4855^34	4908^35	4675^24	4855D34	4908D36	4970
26	88.2	4706^32	4862^34	4916^35	4685^24	4862D35	4916D36	4971
24	87.9	4714^32	4870^35	4923^35	4695^25	4870D35	4923D36	4973
22	87.6	4722^32	4877^35	4930^36	4705^25	4877D35	4930D36	4975
10	85.8	4759^33	4909^35	4947^36	4758^28	4909D35	4947D36	4973

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4412^28-28-37	4559^30-30-39	4608^31-31-40	4654^32-32-41
48	90.8	4460^28-28-38	4608^31-31-40	4659^32-32-41	4710^33-33-42
46	90.9	4556^30-30-39	4708^32-32-42	4761^33-33-42	4813^34-34-43
44	90.8	4615^30-30-40	4769^33-33-42	4823^34-34-43	4876^35-35-44
42	90.5	4643^31-31-41	4798^33-33-43	4851^34-34-44	4904^35-35-44
40	90.2	4657^31-31-41	4812^34-34-43	4865^35-35-44	4919^35-35-45
38	89.9	4664^31-31-41	4819^34-34-43	4872^35-35-44	4926^36-36-45
36	89.7	4670^31-31-41	4825^34-34-43	4879^35-35-44	4932^36-36-45
34	89.4	4677^31-31-41	4832^34-34-43	4886^35-35-44	4940^36-36-45
32	89.1	4685^31-31-41	4840^34-34-43	4893^35-35-44	4947^36-36-45
30	88.8	4692^32-32-41	4848^34-34-44	4900^35-35-44	4954^36-36-45
28	88.5	4700^32-32-41	4855^34-34-44	4908^35-35-44	4962^36-36-45
26	88.2	4706^32-32-42	4862^34-34-44	4916^35-35-45	4969^36-36-45
24	87.9	4714^32-32-42	4870^35-35-44	4923^35-35-45	4973C36-36-45
22	87.6	4722^32-32-42	4877^35-35-44	4930^36-36-45	4975C36-36-45
10	85.8	4759^33-33-42	4909^35-35-44	4947^36-36-45	4984^42-42-51

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

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	15	Length	8858	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.06
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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COZUMEL -CZM 12 *DT H118*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4460^28	4608^31	4659^32
46	4556^30	4708^32	4761^33
44	4615^30	4769^33	4823^34
42	4643^31	4798^33	4851^34
40	4657^31	4812^34	4865^35
38	4664^31	4819^34	4872^35
36	4670^31	4825^34	4879^35
34	4677^31	4832^34	4886^35
32	4685^31	4840^34	4893^35
30	4692^32	4848^34	4900^35
28	4700^32	4855^34	4908^35
26	4706^32	4862^34	4916^35
24	4714^32	4870^35	4923^35
10	4759^33	4909^35	4947^36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4453^28	4601^31	4652^32
46	4548^29	4700^32	4752^33
44	4608^30	4762^33	4814^34
42	4636^31	4790^33	4843^34
40	4649^31	4804^34	4858^34
38	4656^31	4812^34	4865^35
36	4664^31	4819^34	4872^35
34	4671^31	4826^34	4879^35
32	4678^31	4833^34	4887^35
30	4685^31	4841^34	4894^35
28	4693^32	4848^34	4902^35
26	4700^32	4856^34	4909^35
24	4707^32	4863^35	4917^35
10	4696^32	4824^34	4861^35

High QNH **+0** per .10"
Low QNH **-170** 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	4430^20	4608D29	4659D32
46	4519^20	4708D30	4761D33
44	4575^21	4769D31	4823D34
42	4604^21	4798D31	4851D35
40	4619^22	4812D32	4865D35
38	4627^22	4819D32	4872D35
36	4637^22	4825D33	4879D36
34	4647^23	4832D33	4886D36
32	4656^23	4840D33	4893D36
30	4666^24	4848D34	4900D36
28	4675^24	4855D34	4908D36
26	4685^24	4862D35	4916D36
24	4695^25	4870D35	4923D36
10	4758^28	4909D35	4947D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4424^19	4601D29	4652D32
46	4511^20	4700D30	4752D33
44	4567^21	4762D30	4814D34
42	4596^21	4790D31	4843D34
40	4611^22	4804D32	4858D35
38	4621^22	4812D32	4865D35
36	4630^22	4819D32	4872D36
34	4640^23	4826D33	4879D36
32	4650^23	4833D33	4887D36
30	4659^23	4841D34	4894D36
28	4669^24	4848D34	4902D36
26	4678^24	4856D34	4909D36
24	4689^25	4863D35	4917D36
10	4696D28	4824D34	4861D35

High QNH **+0** per .10"
Low QNH **-170** 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	4158F 1	4422F11	4516F14
26	4170F 1	4434F11	4528^15
24	4181F 2	4447F12	4540^15
22	4191F 2	4460F12	4550^16
20	4202F 2	4471F13	4561^16
15	4229F 3	4503F14	4589^17
10	4256F 4	4535F15	4615^18
5	4287F 5	4565^16	4646^19
0	4318F 6	4595^17	4677^20
-5	4349F 7	4625^18	4707^21
-10	4379F 8	4652^19	4736^22
-15	4409F 9	4678^20	4763^24
-20	4442F10	4708^21	4794^25
-25	4474F12	4737^22	4825^26

High QNH **+80** per .10"
Low QNH **-60** per .10"

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

LEVEL 2 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	3820F 6	4073F16	4165F19
26	3830F 7	4087F16	4177F19
24	3840F 7	4097F16	4189F19
22	3851F 7	4109F17	4201F20
20	3861F 7	4121F17	4215F20
15	3886F 8	4150F18	4246F21
10	3913F 9	4181F19	4278F22
5	3941F10	4214F20	4314F23
0	3971F11	4249F21	4351F24
-5	3999F12	4283F22	4386F25
-10	4027F13	4314F23	4423F26
-15	4056F14	4350F24	4459F27
-20	4085F15	4386F25	4498F28
-25	4113F16	4422F26	4539F29

High QNH **+80** per .10"
Low QNH **-60** per .10"

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

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	15	Length	8858	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.06
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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COZUMEL **-CZM** **23** ***DT H237***

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
49	87.6	4256F25	4505F29	4591F31	4256D24	4505D31	4591D31	4665
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	4764D34	4901
42	87.4	4431F27	4692F32	4781F33	4431D26	4692D34	4781D35	4947
40	87.1	4447F27	4709F32	4798F33	4447D26	4709D34	4798D35	4959
38	86.8	4457F27	4720F32	4810F34	4457D27	4720D34	4810D35	4961
36	86.6	4468F28	4732F32	4822F34	4468D27	4732D34	4822D35	4962
34	86.3	4479F28	4743F32	4834F34	4479D27	4743D34	4834D35	4964
32	86.0	4488F28	4755F33	4847F34	4488D28	4755D35	4847D35	4966
30	85.7	4500F28	4768F33	4859F34	4500D28	4768D35	4859D36	4968
28	85.4	4511F28	4780F33	4872F35	4511D28	4780D35	4872D36	4970
26	85.2	4523F29	4792F33	4883F35	4523D29	4792D35	4883D36	4971
24	84.9	4535F29	4805F34	4888^35	4535D29	4805D35	4888D36	4973
22	84.6	4547F29	4818F34	4897^35	4547D29	4818D35	4897D36	4975
10	82.8	4618F30	4883^35	4933^36	4618D32	4883D35	4933D36	4973

High QNH **+40** per .10" Engine A/I ON **-720**
Low QNH **-160** per .10" Wing A/I ON **-720**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4356F27	4591^31	4623^31	4356D26	4591D31	4623D31	4665
48	90.8	4396F27	4638^31	4682^32	4396D26	4638D32	4682D32	4725
46	90.9	4475F28	4732F33	4791^34	4475D26	4732D33	4791D34	4845
44	90.8	4534F29	4796F33	4853^34	4534D27	4796D34	4853D35	4901
42	90.5	4575F30	4829^34	4883^35	4575D28	4829D35	4883D36	4947
40	90.2	4589F30	4843^34	4897^35	4589D28	4843D35	4897D36	4959
38	89.9	4601F30	4850^34	4905^35	4601D29	4850D35	4905D36	4961
36	89.7	4612F30	4858^34	4912^35	4612D29	4858D35	4912D36	4962
34	89.4	4624F30	4865^35	4919^35	4624D29	4865D35	4919D36	4964
32	89.1	4636F31	4873^35	4927^36	4636D30	4873D35	4927D36	4966
30	88.8	4647F31	4881^35	4935^36	4647D30	4881D35	4935D36	4968
28	88.5	4660F31	4888^35	4943^36	4660D30	4888D36	4943D36	4970
26	88.2	4672F31	4896^35	4952^36	4672D31	4896D36	4952D36	4971
24	87.9	4683F31	4904^35	4953^36	4683D31	4904D36	4953D36	4973
22	87.6	4695F32	4911^35	4954^36	4695D32	4911D36	4954D36	4975
10	85.8	4765F33	4911^35	4948^36	4765D34	4911D35	4948D36	4973

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4356F27-27-36	4591^31-31-40	4623^31-31-40	4655^32-32-41
48	90.8	4396F27-27-37	4638^31-31-41	4682^32-32-41	4714^33-33-42
46	90.9	4475F28-28-38	4732F33-33-42	4791^34-34-43	4829^34-34-43
44	90.8	4534F29-29-39	4796F33-33-43	4853^34-34-44	4901C35-35-44
42	90.5	4575F30-30-40	4829^34-34-43	4883^35-35-44	4938^36-36-45
40	90.2	4589F30-30-40	4843^34-34-43	4897^35-35-44	4952^36-36-45
38	89.9	4601F30-30-40	4850^34-34-44	4905^35-35-44	4960^36-36-45
36	89.7	4612F30-30-40	4858^34-34-44	4912^35-35-44	4962C36-36-45
34	89.4	4624F30-30-40	4865^35-35-44	4919^35-35-45	4964C36-36-45
32	89.1	4636F31-31-41	4873^35-35-44	4927^36-36-45	4966C36-36-45
30	88.8	4647F31-31-41	4881^35-35-44	4935^36-36-45	4968C36-36-45
28	88.5	4660F31-31-41	4888^35-35-44	4943^36-36-45	4970C36-36-45
26	88.2	4672F31-31-41	4896^35-35-44	4952^36-36-45	4971C36-36-45
24	87.9	4683F31-31-41	4904^35-35-44	4953^36-36-45	4973C36-36-45
22	87.6	4695F32-32-41	4911^35-35-44	4954^36-36-45	4975C36-36-45
10	85.8	4765F33-33-42	4911^35-35-44	4959F42-42-51	4986C42-42-51

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

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	15	Length	7917	Shift	**0**	Clearway	0	Stopway	1968	Slope	-0.04
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4396F27	4638^31	4682^32
46	4475F28	4732F33	4791^34
44	4534F29	4796F33	4853^34
42	4575F30	4829^34	4883^35
40	4589F30	4843^34	4897^35
38	4601F30	4850^34	4905^35
36	4612F30	4858^34	4912^35
34	4624F30	4865^35	4919^35
32	4636F31	4873^35	4927^36
30	4647F31	4881^35	4935^36
28	4660F31	4888^35	4943^36
26	4672F31	4896^35	4952^36
24	4683F31	4904^35	4953^36
10	4765F33	4911^35	4948^36

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

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

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4385F27	4630^31	4676^32
4464F28	4721F32	4783^33
4523F29	4785F33	4846^34
4564F29	4821^34	4875^35
4578F30	4835^34	4890^35
4590F30	4843^34	4897^35
4601F30	4850^34	4905^35
4613F30	4858^34	4913^35
4625F30	4865^35	4920^35
4637F31	4874^35	4928^36
4649F31	4882^35	4936^36
4661F31	4889^35	4944^36
4673F31	4897^35	4948^36
4714^32	4825^34	4862^35

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	4396D26	4638D32	4682D32
46	4475D26	4732D33	4791D34
44	4534D27	4796D34	4853D35
42	4575D28	4829D35	4883D36
40	4589D28	4843D35	4897D36
38	4601D29	4850D35	4905D36
36	4612D29	4858D35	4912D36
34	4624D29	4865D35	4919D36
32	4636D30	4873D35	4927D36
30	4647D30	4881D35	4935D36
28	4660D30	4888D36	4943D36
26	4672D31	4896D36	4952D36
24	4683D31	4904D36	4953D36
10	4765D34	4911D35	4948D36

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

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

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4385D26	4630D32	4676D32
4464D26	4721D33	4783D34
4523D27	4785D34	4846D35
4564D28	4821D35	4875D36
4578D28	4835D35	4890D36
4590D28	4843D35	4897D36
4601D29	4850D35	4905D36
4613D29	4858D35	4913D36
4625D30	4865D35	4920D36
4637D30	4874D35	4928D36
4649D30	4882D35	4936D36
4661D31	4889D35	4944D36
4673D31	4897D35	4948D36
4714D32	4825D34	4862D35

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	4136F 8	4421F18	4525F21
26	4147F 8	4434F18	4539F21
24	4158F 8	4448F18	4554F22
22	4171F 9	4462F19	4568F22
20	4182F 9	4477F19	4582F22
15	4210F10	4512F20	4620F23
10	4240F11	4546F21	4657F24
5	4273F12	4585F22	4697F25
0	4306F13	4624F23	4738F27
-5	4340F14	4664F24	4779F28
-10	4372F15	4702F25	4820F29
-15	4405F16	4741F27	4860F30
-20	4441F18	4782F28	4903F31
-25	4475F19	4825F29	4925^32

High QNH **+90** per .10"
Low QNH **-70** per .10"

Engine A/I ON **-440**
Wing A/I ON **-440**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
3923F12	4221F21	4330F24
3936F13	4235F22	4342F24
3947F13	4249F22	4359F25
3959F13	4262F22	4372F25
3971F14	4276F23	4387F25
4002F15	4310F23	4427F26
4033F15	4347F24	4466F27
4067F16	4387F25	4509F28
4098F17	4428F26	4554F29
4130F18	4469F27	4598F30
4162F19	4511F28	4644F31
4195F20	4554F29	4690F31
4231F21	4600F30	4740F32
4266F22	4648F31	4790F33

High QNH **+90** per .10"
Low QNH **-80** 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	15	Length	7917	Shift	**0**	Clearway	0	Stopway	1968	Slope	-0.04
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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COZUMEL **-CZM** **30** ***DT H298***

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1015'		**DT H298**	**1015'**	

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
49	87.6	4264^25	4422^28	4476^29	4227^14	4422D24	4476D27	4665
48	87.6	4307^25	4468^28	4523^29	4267^14	4468D24	4523D27	4725
46	87.7	4394^27	4559^30	4615^31	4348^15	4559D24	4615D28	4845
44	87.6	4443^27	4610^30	4668^31	4395^15	4610D25	4668D28	4901
42	87.4	4459^28	4627^31	4684^32	4410^15	4627D25	4684D28	4947
40	87.1	4472^28	4642^31	4699^32	4426^16	4642D26	4699D29	4959
38	86.8	4480^28	4649^31	4707^32	4435^16	4649D26	4707D29	4961
36	86.6	4488^28	4657^31	4715^32	4445^16	4657D26	4715D30	4962
34	86.3	4496^28	4666^31	4723^32	4455^17	4666D27	4723D30	4964
32	86.0	4505^28	4674^31	4732^32	4465^17	4674D27	4732D30	4966
30	85.7	4513^28	4683^31	4741^32	4475^17	4683D27	4741D31	4968
28	85.4	4522^29	4691^32	4749^33	4485^18	4691D28	4749D31	4970
26	85.2	4530^29	4700^32	4758^33	4495^18	4700D28	4758D31	4971
24	84.9	4538^29	4709^32	4766^33	4506^18	4709D29	4766D32	4973
22	84.6	4547^29	4716^32	4775^33	4516^19	4716D29	4775D32	4975
10	82.8	4593^30	4763^33	4821^34	4574^21	4763D31	4821D35	4973

High QNH **+70** per .10" — Engine A/I ON **-570**
Low QNH **-160** per .10" — Wing A/I ON **-570**

A/C **AUTO**

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

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4320^26	4474^29	4527^30	4276^15	4474D25	4527D29	4665
48	90.8	4365^26	4522^29	4575^30	4318^16	4522D26	4575D29	4725
46	90.9	4454^28	4616^31	4670^32	4400^16	4616D26	4670D29	4845
44	90.8	4513^29	4676^31	4731^32	4454^17	4676D27	4731D30	4901
42	90.5	4542^29	4705^32	4761^33	4482^17	4705D28	4761D31	4947
40	90.2	4555^29	4719^32	4775^33	4497^18	4719D28	4775D31	4959
38	89.9	4564^29	4727^32	4783^33	4507^18	4727D28	4783D32	4961
36	89.7	4571^29	4735^32	4790^33	4517^18	4735D29	4790D32	4962
34	89.4	4578^30	4742^32	4798^33	4528^19	4742D29	4798D32	4964
32	89.1	4587^30	4751^33	4807^34	4538^19	4751D29	4807D33	4966
30	88.8	4595^30	4759^33	4815^34	4548^20	4759D30	4815D33	4968
28	88.5	4603^30	4767^33	4823^34	4558^20	4767D30	4823D33	4970
26	88.2	4611^30	4775^33	4831^34	4569^20	4775D31	4831D34	4971
24	87.9	4619^30	4783^33	4839^34	4579^21	4783D31	4839D34	4973
22	87.6	4627^30	4791^33	4847^34	4590^21	4791D31	4847D35	4975
10	85.8	4670^31	4834^34	4889^35	4648^23	4834D34	4889D36	4973

High QNH **+70** per .10" — Engine A/I ON **-620**
Low QNH **-160** per .10" — Wing A/I ON **-620**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	+0	+10H	+20H
49	90.8	4320^26-26-36	4474^29-29-38	4527^30-30-39	4580^31-31-40
48	90.8	4365^26-26-37	4522^29-29-39	4575^30-30-40	4629^31-31-40
46	90.9	4454^28-28-38	4616^31-31-40	4670^32-32-41	4726^33-33-42
44	90.8	4513^29-29-39	4676^31-31-41	4731^32-32-42	4788^33-33-43
42	90.5	4542^29-29-39	4705^32-32-42	4761^33-33-42	4818^34-34-43
40	90.2	4555^29-29-39	4719^32-32-42	4775^33-33-43	4832^34-34-43
38	89.9	4564^29-29-39	4727^32-32-42	4783^33-33-43	4840^34-34-43
36	89.7	4571^29-29-40	4735^32-32-42	4790^33-33-43	4847^34-34-44
34	89.4	4578^30-30-40	4742^32-32-42	4798^33-33-43	4855^34-34-44
32	89.1	4587^30-30-40	4751^33-33-42	4807^34-34-43	4863^35-35-44
30	88.8	4595^30-30-40	4759^33-33-42	4815^34-34-43	4872^35-35-44
28	88.5	4603^30-30-40	4767^33-33-42	4823^34-34-43	4880^35-35-44
26	88.2	4611^30-30-40	4775^33-33-43	4831^34-34-43	4888^35-35-44
24	87.9	4619^30-30-40	4783^33-33-43	4839^34-34-43	4896^35-35-44
22	87.6	4627^30-30-40	4791^33-33-43	4847^34-34-44	4905^35-35-44
10	85.8	4670^31-31-41	4834^34-34-43	4889^35-35-44	4946^36-36-45

High QNH **+70** per .10" — Engine A/I ON **-620**
Low QNH **-160** per .10" — Wing A/I ON **-620**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	15	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.06
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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COZUMEL -CZM 30 *DT H298*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4365^26	4522^29	4575^30
46	4454^28	4616^31	4670^32
44	4513^29	4676^31	4731^32
42	4542^29	4705^32	4761^33
40	4555^29	4719^32	4775^33
38	4564^29	4727^32	4783^33
36	4571^29	4735^32	4790^33
34	4578^30	4742^32	4798^33
32	4587^30	4751^33	4807^34
30	4595^30	4759^33	4815^34
28	4603^30	4767^33	4823^34
26	4611^30	4775^33	4831^34
24	4619^30	4783^33	4839^34
10	4670^31	4834^34	4889^35

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

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

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4358^26	4514^29	4567^30
46	4447^28	4608^30	4663^31
44	4505^28	4669^31	4724^32
42	4535^29	4698^32	4753^33
40	4548^29	4712^32	4768^33
38	4556^29	4720^32	4776^33
36	4564^29	4727^32	4784^33
34	4572^30	4736^32	4791^33
32	4580^30	4744^33	4800^33
30	4587^30	4752^33	4808^34
28	4596^30	4760^33	4816^34
26	4605^30	4768^33	4824^34
24	4613^30	4776^33	4833^34
10	4612^30	4772^33	4827^34

High QNH **+60** 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
48	4318^16	4522D26	4575D29
46	4400^16	4616D26	4670D29
44	4454^17	4676D27	4731D30
42	4482^17	4705D28	4761D31
40	4497^18	4719D28	4775D31
38	4507^18	4727D28	4783D32
36	4517^18	4735D29	4790D32
34	4528^19	4742D29	4798D32
32	4538^19	4751D29	4807D33
30	4548^20	4759D30	4815D33
28	4558^20	4767D30	4823D33
26	4569^20	4775D31	4831D34
24	4579^21	4783D31	4839D34
10	4648^23	4834D34	4889D36

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

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

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4311^15	4514D25	4567D29
46	4393^16	4608D26	4663D29
44	4448^17	4669D27	4724D30
42	4476^17	4698D27	4753D31
40	4491^18	4712D28	4768D31
38	4501^18	4720D28	4776D31
36	4511^18	4727D29	4784D32
34	4521^19	4736D29	4791D32
32	4531^19	4744D29	4800D33
30	4542^19	4752D30	4808D33
28	4552^20	4760D30	4816D33
26	4563^20	4768D30	4824D34
24	4573^21	4776D31	4833D34
10	4598^23	4772D34	4827D35

High QNH **+60** 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 **9**

OAT °C	-10T	+0	+10H
28	3758F98	4275F 7	4369F10
26	3884F98	4287F 7	4382F11
24	4012F98	4299F 8	4395F11
22	4046F98	4312F 8	4408F11
20	4056F98	4324F 8	4421F12
15	4081F99	4354F 9	4453F13
10	4109F 0	4385F10	4481^14
5	4138F 1	4420F11	4513^15
0	4168F 2	4455F12	4544^16
-5	4198F 3	4490F13	4576^17
-10	4227F 4	4519^15	4606^18
-15	4255F 5	4547^16	4635^19
-20	4288F 6	4579^17	4667^20
-25	4319F 7	4610^18	4699^22

High QNH **+80** per .10"
Low QNH **-60** per .10"

Engine A/I ON **-520**
Wing A/I ON **-520**

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28	3573F 2	3987F10	4152F13
26	3579F 2	4008F11	4171F13
24	3589F 3	4025F11	4192F13
22	3602F 3	4042F11	4209F14
20	3614F 3	4064F11	4229F14
15	3642F 4	4108F12	4277F15
10	3680F 5	4156F13	4281^15
5	3718F 6	4209F14	4284^15
0	3760F 6	4242^14	4286^15
-5	3802F 7	4241^14	4286^15
-10	3852F 8	4238^14	4283^15
-15	3898F 9	4234^14	4280^15
-20	3940F 9	4231^14	4277^15
-25	3983F10	4227^14	4274^15

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

Engine A/I ON **-740**
Wing A/I ON **-740**

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	15	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.06
Rwy Rev.		Program						Rules	FAA		**07 Feb 23**

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TAR Mexico **EMB-145** **AE3007A1**

CUERNAVACA **-CVJ** **03** ***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
41	88.4	3788^17	3884^19	3925^20	3788D14	3884D20	3925D21	4335
40	88.5	3819^17	3918^19	3958^20	3819D14	3918D20	3958D21	4378
38	88.8	3882^18	3984^20	4021^21	3882D15	3984D21	4021D22	4464
36	89.1	3944^19	4050^21	4084^22	3944D15	4050D22	4084D23	4549
34	89.4	4003^20	4113^22	4144^23	4003D16	4113D23	4144D24	4628
32	89.6	4060^21	4174^23	4204^24	4060D16	4174D24	4204D25	4707
30	89.9	4118^22	4234^24	4265^24	4118D17	4234D25	4265D26	4780
28	89.7	4153^22	4270^24	4301^25	4153D17	4270D25	4301D26	4845
26	89.5	4182^23	4301^25	4333^25	4182D18	4301D26	4333D27	4911
24	89.3	4200^23	4319^25	4352^26	4200D18	4319D26	4352D27	4921
22	89.1	4209^23	4327^25	4359^26	4209D18	4327D26	4359D27	4923
20	88.9	4217^23	4335^25	4366^26	4217D19	4335D26	4366D27	4925
15	88.1	4239^24	4354^26	4389^26	4239D20	4354D27	4389D28	4930
10	87.4	4257^24	4370^26	4412^27	4257D21	4370D27	4412D28	4933
5	86.6	4275^24	4385^26	4433^27	4275D22	4385D28	4433D28	4935
0	85.8	4289^25	4399^27	4448^28	4289D23	4399D28	4448D29	4924

High QNH **+30** per .10" — Engine A/I ON **-1050**
Low QNH **-140** per .10" — Wing A/I ON **-1050**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
41	91.7	3829^18	3928^20	3970^21	3829D16	3928D21	3970D22	4335
40	91.8	3862^18	3961^20	4004^21	3862D16	3961D21	4004D22	4378
38	92.3	3926^19	4024^21	4068^22	3926D16	4024D22	4068D23	4464
36	92.8	3990^20	4088^22	4132^23	3990D17	4088D23	4132D24	4549
34	93.1	4052^21	4149^23	4194^24	4052D17	4149D24	4194D25	4628
32	93.2	4110^22	4208^24	4254^25	4110D18	4208D25	4254D26	4707
30	93.3	4168^23	4268^25	4312^25	4168D18	4268D26	4312D27	4780
28	93.2	4206^23	4305^25	4352^26	4206D19	4305D26	4352D27	4845
26	93.1	4244^24	4344^26	4391^27	4244D20	4344D27	4391D28	4911
24	92.9	4265^24	4366^26	4413^27	4265D20	4366D27	4413D28	4921
22	92.5	4277^24	4379^26	4427^27	4277D21	4379D28	4427D28	4923
20	92.2	4284^24	4388^26	4436^27	4284D21	4388D28	4436D28	4925
15	91.4	4303^25	4411^27	4459^28	4303D22	4411D28	4459D29	4930
10	90.6	4321^25	4432^27	4480^28	4321D23	4432D28	4480D29	4933
5	89.8	4337^25	4452^28	4501^28	4337D24	4452D29	4501D30	4935
0	89.0	4346^26	4466^28	4515^29	4346D25	4466D29	4515D30	4924

High QNH **+30** per .10" — Engine A/I ON **-1060**
Low QNH **-150** per .10" — Wing A/I ON **-1060**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
41	91.7	3829^18-18-28	3928^20-20-30	3970^21-21-31	4014^21-21-31
40	91.8	3862^18-18-29	3961^20-20-30	4004^21-21-31	4048^22-22-32
38	92.3	3926^19-19-30	4024^21-21-31	4068^22-22-32	4114^23-23-33
36	92.8	3990^20-20-31	4088^22-22-32	4132^23-23-33	4179^24-24-34
34	93.1	4052^21-21-32	4149^23-23-33	4194^24-24-34	4241^25-25-35
32	93.2	4110^22-22-33	4208^24-24-34	4254^25-25-35	4302^25-25-36
30	93.3	4168^23-23-34	4268^25-25-35	4312^25-25-36	4360^26-26-37
28	93.2	4206^23-23-34	4305^25-25-36	4352^26-26-36	4401^27-27-37
26	93.1	4244^24-24-35	4344^26-26-36	4391^27-27-37	4440^27-27-38
24	92.9	4265^24-24-35	4366^26-26-37	4413^27-27-37	4463^28-28-38
22	92.5	4277^24-24-35	4379^26-26-37	4427^27-27-38	4476^28-28-38
20	92.2	4284^24-24-35	4388^26-26-37	4436^27-27-38	4485^28-28-38
15	91.4	4303^25-25-36	4411^27-27-37	4459^28-28-38	4508^29-29-39
10	90.6	4321^25-25-36	4432^27-27-38	4480^28-28-38	4530^29-29-39
5	89.8	4337^25-25-36	4452^28-28-38	4501^28-28-39	4550^29-29-39
0	89.0	4346^26-26-36	4466^28-28-38	4515^29-29-39	4565^30-30-40

High QNH **+30** per .10" — Engine A/I ON **-1060**
Low QNH **-150** per .10" — Wing A/I ON **-1060**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	4295	Length	9180	Shift	**0**	Clearway	0	Stopway	0	Slope	+1.01
Rwy Rev.		Program						Rules	FAA		**28 Feb 22**

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CUERNAVACA -CVJ 03 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
41	3829^18	3928^20	3970^21
40	3862^18	3961^20	4004^21
38	3926^19	4024^21	4068^22
36	3990^20	4088^22	4132^23
34	4052^21	4149^23	4194^24
32	4110^22	4208^24	4254^25
30	4168^23	4268^25	4312^25
28	4206^23	4305^25	4352^26
26	4244^24	4344^26	4391^27
24	4265^24	4366^26	4413^27
22	4277^24	4379^26	4427^27
20	4284^24	4388^26	4436^27
15	4303^25	4411^27	4459^28
10	4321^25	4432^27	4480^28

High QNH **+30** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1060**
Wing A/I ON **-1060**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
41	3823^18	3921^20	3964^20
40	3856^18	3954^20	3997^21
38	3920^19	4018^21	4061^22
36	3983^20	4081^22	4126^23
34	4045^21	4143^23	4187^24
32	4104^22	4202^24	4247^24
30	4162^23	4264^24	4306^25
28	4200^23	4301^25	4346^26
26	4238^24	4338^26	4385^26
24	4259^24	4359^26	4407^27
22	4270^24	4373^26	4420^27
20	4278^24	4381^26	4429^27
15	4296^25	4404^27	4451^28
10	4208^24	4326^26	4372^27

High QNH **+30** per .10"
Low QNH **-150** 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
41	3829D16	3928D21	3970D22
40	3862D16	3961D21	4004D22
38	3926D16	4024D22	4068D23
36	3990D17	4088D23	4132D24
34	4052D17	4149D24	4194D25
32	4110D18	4208D25	4254D26
30	4168D18	4268D26	4312D27
28	4206D19	4305D26	4352D27
26	4244D20	4344D27	4391D28
24	4265D20	4366D27	4413D28
22	4277D21	4379D28	4427D28
20	4284D21	4388D28	4436D28
15	4303D22	4411D28	4459D29
10	4321D23	4432D28	4480D29

High QNH **+30** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1060**
Wing A/I ON **-1060**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
41	3823D16	3921D21	3964D22
40	3856D16	3954D21	3997D22
38	3920D16	4018D22	4061D23
36	3983D17	4081D23	4126D24
34	4045D17	4143D24	4187D25
32	4104D18	4202D25	4247D26
30	4162D18	4264D26	4306D27
28	4200D19	4301D26	4346D27
26	4238D19	4338D27	4385D28
24	4259D20	4359D27	4407D28
22	4270D20	4373D27	4420D28
20	4278D21	4381D28	4429D28
15	4296D22	4404D28	4451D29
10	4208D23	4326D27	4372D28

High QNH **+30** per .10"
Low QNH **-150** 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	3806^99	4010^ 8	4078^11
26	3841^99	4047^ 8	4117^12
24	3862^ 0	4069^ 9	4138^12
22	3876^ 0	4083^ 9	4154^12
20	3885^ 0	4094^10	4165^13
15	3912^ 1	4122^11	4193^14
10	3937^ 2	4149^12	4220^15
5	3959^ 3	4174^13	4246^16
0	3981^ 4	4198^14	4269^17
-5	4008^ 5	4226^15	4297^18
-10	4035^ 6	4255^16	4325^19
-15	4063^ 7	4283^17	4353^20
-20	4088^ 8	4310^18	4380^21
-25	4113^ 9	4336^19	4405^23

High QNH **+40** per .10"
Low QNH **-110** per .10"

Engine A/I ON **-880**
Wing A/I ON **-880**

LEVEL 2 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	3565^ 3	3775^11	3852^14
26	3605^ 3	3817^12	3895^15
24	3627^ 4	3840^12	3918^15
22	3643^ 4	3858^13	3937^16
20	3653^ 4	3870^13	3950^16
15	3677^ 5	3899^14	3980^17
10	3702^ 6	3927^15	4011^18
5	3725^ 7	3954^16	4041^19
0	3747^ 8	3982^17	4071^20
-5	3773^ 9	4014^18	4105^20
-10	3799^10	4047^19	4142^21
-15	3826^11	4080^20	4179^22
-20	3851^12	4112^20	4217^23
-25	3876^13	4147^21	4257F24

High QNH **+50** per .10"
Low QNH **-120** per .10"

Engine A/I ON **-720**
Wing A/I ON **-720**

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	4295	Length	9180	Shift	**0**	Clearway	0	Stopway	0	Slope	+1.01
Rwy Rev.		Program						Rules	FAA		**28 Feb 22**

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CUERNAVACA -CVJ 21 *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**

		ALT TO-1 - DRY RWY			ALT TO-1 - WET RWY			
		Flaps **9**			Flaps **9**			
OAT °C	N1%	-10T	+0	+10H	-10T	+0	+10H	Dry Rwy Climb Limit
40	88.5	4219^25	4306^27	4335^27	4207F11	4305^21	4335D25	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	4383F13	4550^22	4583^26	4628
32	89.6	4540^30	4630^31	4661^32	4439F13	4627^23	4660^26	4707
30	89.9	4622^31	4714^33	4744^33	4494F14	4709^23	4743^27	4780
28	89.7	4668F32	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	4894^35	4582F15	4855^24	4890^28	4921
22	89.1	4734F33	4863^35	4895^35	4596F15	4857^25	4892^28	4923
20	88.9	4748F33	4864^35	4896^35	4611F15	4859^25	4894^28	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	4749^33	4853^35	4889^35	4742^22	4853D32	4889D35	4931
-20	82.6	4739^33	4847^34	4883^35	4735^24	4847D35	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**

		TO-1 - DRY RWY			TO-1 - WET RWY			
		Flaps **9**			Flaps **9**			
OAT °C	N1%	-10T	+0	+10H	-10T	+0	+10H	Dry Rwy Climb Limit
40	91.8	4229^25	4315^27	4344^27	4220^13	4315D23	4344D26	4378
38	92.3	4313^27	4401^28	4430^29	4304^13	4401^23	4430D27	4464
36	92.8	4396^28	4484^29	4514^30	4386^13	4483^24	4514D27	4549
34	93.1	4474^29	4563^30	4592^31	4451F14	4561^24	4592D27	4628
32	93.2	4551^30	4640^32	4670^32	4507F14	4638^24	4670D28	4707
30	93.3	4633^31	4724^33	4754^33	4560F15	4720^25	4754D28	4780
28	93.2	4710^32	4802^34	4833^34	4603F15	4797^25	4832^29	4845
26	93.1	4771^33	4863^35	4895^35	4645F16	4858^26	4893^29	4911
24	92.9	4782^33	4876^35	4907^35	4671F16	4871^26	4906^30	4921
22	92.5	4784^33	4878^35	4910^36	4692F17	4873^27	4909^30	4923
20	92.2	4785^33	4879^35	4911^36	4706F17	4875^27	4911^31	4925
10	90.6	4784^33	4882^35	4915^36	4772^19	4881^30	4915D33	4933
0	89.0	4769^33	4870^35	4904^35	4760^21	4870D32	4904D36	4924
-10	87.4	4764^33	4867^35	4902^35	4759^24	4867D35	4902D35	4931
-20	85.7	4754^33	4860^35	4896^35	4753^27	4860D35	4896D35	4932
-30	84.0	4739^33	4849^34	4887^35	4739D29	4849D35	4887D35	4929

High QNH **+40** per .10" Engine A/I ON **-2240**
Low QNH **-170** per .10" Wing A/I ON **-2240**

A/C **AUTO**

		TO-1 - DRY RWY - OPT V2			
		Flaps **9**			
OAT °C	N1%	-10T	+0	+10H	+20H
40	91.8	4267F32-32-40	4426C35-35-43	4426C35-35-43	4426C35-35-43
38	92.3	4329F32-32-41	4513C36-36-44	4513C36-36-44	4513C36-36-44
36	92.8	4396^28-28-37	4600C37-37-46	4600C37-37-46	4600C37-37-46
34	93.1	4474^29-29-38	4683C38-38-47	4683C38-38-47	4683C38-38-47
32	93.2	4551^30-30-39	4755F39-39-48	4763C39-39-48	4763C39-39-48
30	93.3	4633^31-31-41	4816F40-40-49	4841C40-40-49	4841C40-40-49
28	93.2	4710^32-32-42	4866F41-41-50	4881C41-41-50	4881C41-41-50
26	93.1	4771^33-33-43	4916F42-42-51	4923C42-42-51	4923C42-42-51
24	92.9	4782^33-33-43	4943C42-42-51	4943C42-42-51	4943C42-42-51
22	92.5	4784^33-33-43	4945C42-42-51	4945C42-42-51	4945C42-42-51
20	92.2	4785^33-33-43	4947C42-42-51	4947C42-42-51	4947C42-42-51
10	90.6	4789F39-39-49	4954C42-42-51	4954C42-42-51	4954C42-42-51
0	89.0	4852F40-40-50	4944C42-42-51	4944C42-42-51	4944C42-42-51
-10	87.4	4915^41-41-50	4950C42-42-51	4950C42-42-51	4950C42-42-51
-20	85.7	4903^41-41-50	4951C42-42-51	4951C42-42-51	4951C42-42-51
-30	84.0	4889^41-41-50	4948C42-42-51	4948C42-42-51	4948C42-42-51

High QNH **+0** per .10" Engine A/I ON **-1780**
Low QNH **-170** per .10" Wing A/I ON **-1780**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	4295	Length	9180	Shift	**0**	Clearway	0	Stopway	0	Slope	-1.01
Rwy Rev.		Program						Rules	FAA		**22 Jan 21**

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CUERNAVACA -CVJ 21 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
40	4229^25	4315^27	4344^27
38	4313^27	4401^28	4430^29
36	4396^28	4484^29	4514^30
34	4474^29	4563^30	4592^31
32	4551^30	4640^32	4670^32
30	4633^31	4724^33	4754^33
28	4710^32	4802^34	4833^34
26	4771^33	4863^35	4895^35
24	4782^33	4876^35	4907^35
22	4784^33	4878^35	4910^36
20	4785^33	4879^35	4911^36
10	4784^33	4882^35	4915^36
0	4769^33	4870^35	4904^35
-10	4764^33	4867^35	4902^35

High QNH **+40** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2240**
Wing A/I ON **-2240**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
40	4224^25	4310^27	4339^27
38	4308^26	4396^28	4425^29
36	4391^28	4479^29	4509^30
34	4469^29	4559^30	4588^31
32	4547^30	4637^31	4667^32
30	4629^31	4720^33	4750^33
28	4706^32	4798^34	4829^34
26	4767^33	4860^35	4891^35
24	4778^33	4872^35	4903^35
22	4780^33	4873^35	4905^35
20	4780^33	4875^35	4907^35
10	4573^30	4669^32	4701^33
0	4694^32	4794^34	4827^34
-10	4730^33	4832^34	4866^35

High QNH **+40** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-110**
Wing A/I ON **-110**

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
40	4220^13	4315D23	4344D26
38	4304^13	4401^23	4430D27
36	4386^13	4483^24	4514D27
34	4451F14	4561^24	4592D27
32	4507F14	4638^24	4670D28
30	4560F15	4720^25	4754D28
28	4603F15	4797^25	4832^29
26	4645F16	4858^26	4893^29
24	4671F16	4871^26	4906^30
22	4692F17	4873^27	4909^30
20	4706F17	4875^27	4911^31
10	4772^19	4881^30	4915D33
0	4760^21	4870D32	4904D36
-10	4759^24	4867D35	4902D35

High QNH **+40** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2230**
Wing A/I ON **-2230**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
40	4215^12	4310D23	4339D26
38	4299^13	4396^23	4425D26
36	4380^13	4478^24	4509D27
34	4443F14	4557^24	4588D27
32	4499F14	4634^24	4667D28
30	4555F15	4717^25	4750D28
28	4595F15	4794^25	4828^29
26	4638F16	4854^26	4889^29
24	4664F16	4867^26	4902^30
22	4684F17	4869^27	4905^30
20	4699F17	4871^27	4906^31
10	4566^20	4669D31	4701D33
0	4686^22	4794D32	4827D35
-10	4725^24	4832D34	4866D35

High QNH **+40** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-110**
Wing A/I ON **-110**

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		4269F 1	4351F 4
26		4309F 2	4391F 5
24		4332F 2	4416F 5
22	2779F98	4348F 3	4432F 6
20	2909F98	4361F 3	4446F 6
18	3043F98	4374F 3	4459F 6
16	3176F98	4388F 4	4473F 7
14	3303F98	4400F 4	4486F 7
12	3465F98	4411F 4	4499F 8
10	3600F98	4424F 5	4513F 8
0	4224F97	4484F 7	4573F10
-10	4290F99	4553F 9	4647F12
-20	4353F 1	4623F11	4721F14
-30	4414F 3	4696F14	4797F17

High QNH **+50** per .10"
Low QNH **-120** per .10"

Engine A/I ON **-920**
Wing A/I ON **-920**

LEVEL 2 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	3691F98	3905F 7	3981F10
26	3731F98	3945F 8	4026F11
24	3752F99	3970F 8	4051F11
22	3768F99	3988F 8	4069F11
20	3779F99	4000F 9	4081F12
18	3790F 0	4012F 9	4094F12
16	3801F 0	4025F 9	4107F13
14	3810F 0	4037F10	4119F13
12	3820F 1	4049F10	4132F13
10	3830F 1	4060F11	4144F14
0	3877F 3	4116F13	4202F16
-10	3932F 5	4180F14	4270F18
-20	3986F 7	4244F16	4337F20
-30	4041F 9	4310F19	4403F22

High QNH **+50** per .10"
Low QNH **-130** per .10"

Engine A/I ON **-890**
Wing A/I ON **-890**

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	4295	Length	9180	Shift	**0**	Clearway	0	Stopway	0	Slope	-1.01
Rwy Rev.		Program						Rules	FAA		**22 Jan 21**

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CULIACAN **-CUL** **02** ***SPECIAL***

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D3.3 CUL	***500'**	**LT H220**	**1105'**	

*USE ONLY IF CUL DME OTS
NOTAMS A1492/23

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
49	87.6	4019F20	4220^24	4275^25	3961F 7	4214^17	4275D20	4649
48	87.6	4056F21	4261^25	4317^26	3995F 8	4253^17	4317D21	4708
46	87.7	4128F22	4344^26	4402^27	4063F 8	4331^18	4402D21	4827
44	87.6	4173F22	4395^26	4454^28	4107F 8	4380^18	4454D22	4891
42	87.4	4192F23	4415^27	4475^28	4126F 9	4400^19	4475D22	4945
40	87.2	4209F23	4433^27	4492^28	4144F 9	4418^19	4492D22	4959
38	86.9	4219F23	4441^27	4500^28	4155F 9	4429^19	4500D23	4961
36	86.6	4229F23	4449^27	4510^28	4166F10	4439^20	4510D23	4962
34	86.4	4239F23	4459^27	4518^29	4177F10	4450^20	4518D23	4964
32	86.1	4250F24	4468^28	4527^29	4189F10	4461^20	4527D24	4966
30	85.8	4260F24	4477^28	4536^29	4200F11	4471^21	4536D24	4968
28	85.5	4271F24	4486^28	4545^29	4212F11	4483^21	4545D24	4970
26	85.2	4282F24	4495^28	4555^29	4224F11	4493^22	4555D25	4971
24	85.0	4293F24	4504^28	4563^29	4236F12	4504D22	4563D25	4973
22	84.7	4303F25	4514^28	4572^29	4246F12	4514D22	4572D26	4975
10	82.9	4369F26	4565^29	4621^30	4319F14	4565D25	4621D28	4972

High QNH **+60** per .10" — Engine A/I ON **-500**
Low QNH **-150** per .10" — Wing A/I ON **-500**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4109F22	4278^25	4329^26	4024F 9	4269^19	4329D22	4649
48	90.8	4147F23	4321^26	4373^27	4058F 9	4309^19	4373D22	4708
46	90.9	4222F23	4408^27	4462^28	4128F 9	4389^19	4462D23	4827
44	90.8	4280F24	4467^28	4522^29	4180F10	4445^20	4522D23	4891
42	90.6	4320F25	4501^28	4556^29	4213F10	4479^21	4555^24	4945
40	90.3	4337F25	4519^29	4572^30	4231F11	4497^21	4572D24	4959
38	90.0	4349F25	4529^29	4582^30	4244F11	4509^21	4582D25	4961
36	89.8	4360F26	4536^29	4590^30	4256F11	4519^22	4590D25	4962
34	89.5	4370F26	4545^29	4598^30	4266F12	4530^22	4598D26	4964
32	89.2	4381F26	4553^29	4607^30	4278F12	4541^23	4607D26	4966
30	88.9	4387^26	4563^29	4615^30	4291F12	4552^23	4615D26	4968
28	88.6	4396^26	4571^29	4622^30	4303F13	4563^23	4622D27	4970
26	88.3	4405^26	4580^30	4631^31	4316F13	4574^24	4631D27	4971
24	88.0	4415^27	4589^30	4640^31	4329F14	4585^24	4640D27	4973
22	87.7	4424^27	4597^30	4647^31	4342F14	4596^24	4647D28	4975
10	85.9	4474^28	4643^31	4691^32	4414^16	4643D27	4691D30	4972

High QNH **+60** per .10" — Engine A/I ON **-560**
Low QNH **-150** per .10" — Wing A/I ON **-560**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4109F22-22-33	4278^25-25-35	4329^26-26-36	4374^27-27-37
48	90.8	4147F23-23-33	4321^26-26-36	4373^27-27-37	4420^28-28-37
46	90.9	4222F23-23-34	4408^27-27-37	4462^28-28-38	4512^29-29-39
44	90.8	4280F24-24-35	4467^28-28-38	4522^29-29-39	4573^30-30-40
42	90.6	4320F25-25-36	4501^28-28-39	4556^29-29-39	4605^30-30-40
40	90.3	4337F25-25-36	4519^29-29-39	4572^30-30-40	4622^30-30-40
38	90.0	4349F25-25-36	4529^29-29-39	4582^30-30-40	4631^31-31-40
36	89.8	4360F26-26-36	4536^29-29-39	4590^30-30-40	4638^31-31-41
34	89.5	4370F26-26-37	4545^29-29-39	4598^30-30-40	4646^31-31-41
32	89.2	4381F26-26-37	4553^29-29-39	4607^30-30-40	4654^31-31-41
30	88.9	4387^26-26-37	4563^29-29-39	4615^30-30-40	4662^31-31-41
28	88.6	4396^26-26-37	4571^29-29-40	4622^30-30-40	4670^31-31-41
26	88.3	4405^26-26-37	4580^30-30-40	4631^31-31-40	4678^31-31-41
24	88.0	4415^27-27-37	4589^30-30-40	4640^31-31-41	4686^31-31-41
22	87.7	4424^27-27-37	4597^30-30-40	4647^31-31-41	4694^32-32-41
10	85.9	4474^28-28-38	4643^31-31-41	4691^32-32-41	4736^32-32-42

High QNH **+60** per .10" — Engine A/I ON **-560**
Low QNH **-150** per .10" — Wing A/I ON **-560**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	105	Length	7139	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.12
Rwy Rev.		Program						Rules	FAA		**31 Mar 23**

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CULIACAN -CUL 02 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4147F23	4321^26	4373^27
46	4222F23	4408^27	4462^28
44	4280F24	4467^28	4522^29
42	4320F25	4501^28	4556^29
40	4337F25	4519^29	4572^30
38	4349F25	4529^29	4582^30
36	4360F26	4536^29	4590^30
34	4370F26	4545^29	4598^30
32	4381F26	4553^29	4607^30
30	4387^26	4563^29	4615^30
28	4396^26	4571^29	4622^30
26	4405^26	4580^30	4631^31
24	4415^27	4589^30	4640^31
10	4474^28	4643^31	4691^32

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

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

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4138F22	4314^26	4366^27
46	4212F23	4401^27	4454^28
44	4270F24	4460^28	4514^29
42	4310F25	4494^28	4547^29
40	4327F25	4511^28	4566^29
38	4340F25	4521^29	4575^30
36	4350F26	4530^29	4583^30
34	4361F26	4538^29	4591^30
32	4372F26	4547^29	4599^30
30	4383F26	4555^29	4608^30
28	4389^26	4565^29	4616^30
26	4397^26	4573^30	4625^30
24	4407^27	4582^30	4633^31
10	4425^27	4586^30	4632^31

High QNH **+60** 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
48	4058F 9	4309^19	4373D22
46	4128F 9	4389^19	4462D23
44	4180F10	4445^20	4522D23
42	4213F10	4479^21	4555^24
40	4231F11	4497^21	4572D24
38	4244F11	4509^21	4582D25
36	4256F11	4519^22	4590D25
34	4266F12	4530^22	4598D26
32	4278F12	4541^23	4607D26
30	4291F12	4552^23	4615D26
28	4303F13	4563^23	4622D27
26	4316F13	4574^24	4631D27
24	4329F14	4585^24	4640D27
10	4414^16	4643D27	4691D30

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

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

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4052F 9	4303^19	4366D22
46	4121F 9	4382^19	4454D23
44	4173F10	4438^20	4514D23
42	4206F10	4472^21	4547D24
40	4224F11	4490^21	4566D24
38	4237F11	4502^21	4575D25
36	4249F11	4512^22	4583D25
34	4259F12	4524^22	4591D25
32	4271F12	4535^22	4599D26
30	4284F12	4545^23	4608D26
28	4296F13	4556^23	4616D27
26	4309F13	4568^24	4625D27
24	4322F13	4579^24	4633D27
10	4371^16	4586D27	4632D30

High QNH **+60** per .10"
Low QNH **-150** 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	3335F92	4173^99	4255^ 3
26	3370F92	4186^ 0	4257^ 3
24	3404F92	4197^ 0	4259^ 4
22	3437F92	4207^ 0	4261^ 4
20	3464F93	4213^ 1	4263^ 4
15	3556F93	4213^ 2	4264^ 5
10	3640F94	4213^ 3	4263^ 7
5	3722F94	4219^ 4	4270^ 8
0	3808F95	4223^ 5	4276^ 9
-5	3757F96	4226^ 6	4279^10
-10	3849F97	4226^ 7	4281^11
-15	3932F98	4226^ 9	4281D12
-20	4018F98	4227^10	4278D14
-25	4063^99	4227^11	4274D15

High QNH **+10** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-710**
Wing A/I ON **-710**

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28	2937F98	3622F 5	3801F 8
26	2956F98	3637F 5	3824F 8
24	2975F99	3656F 6	3847F 8
22	2995F99	3671F 6	3866F 8
20	3013F99	3692F 6	3886F 9
15	3056F 0	3739F 7	3924F 9
10	3109F 1	3795F 7	3971F10
5	3167F 1	3857F 8	4022F11
0	3231F 2	3903F 9	4073F12
-5	3296F 2	3948F10	4124F12
-10	3380F 3	3997F10	4174F13
-15	3467F 3	4045F11	4227F14
-20	3424^ 3	4101F12	4275^15
-25	3544^ 4	4153F13	4272^15

High QNH **+90** per .10"
Low QNH **-110** per .10"

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

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	105	Length	7139	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.12
Rwy Rev.		Program						Rules	FAA		**31 Mar 23**

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CULIACAN -CUL 20 DT H206

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1105'		DT H206	1105'	

NOTAMS A1492/23

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
49	87.6	4033^21	4216^24	4274^25	3983F 7	4214^17	4274D20	4649
48	87.6	4072^21	4257^25	4316^26	4017F 7	4253^17	4316D21	4708
46	87.7	4148^22	4339^26	4400^27	4086F 8	4330^18	4400D21	4827
44	87.6	4195^23	4388^26	4451^27	4130F 8	4377^18	4451D22	4891
42	87.4	4215^23	4409^27	4472^28	4149F 9	4398^19	4472D22	4945
40	87.2	4232^23	4426^27	4489^28	4167F 9	4417^19	4489D22	4959
38	86.9	4240^23	4435^27	4499^28	4178F 9	4427^19	4499D23	4961
36	86.6	4249^24	4444^27	4507^28	4189F 9	4438^20	4507D23	4962
34	86.4	4258^24	4454^27	4517^29	4200F10	4448^20	4517D23	4964
32	86.1	4267^24	4463^28	4525^29	4212F10	4460^20	4525D24	4966
30	85.8	4276^24	4472^28	4535^29	4224F10	4471^21	4535D24	4968
28	85.5	4285^24	4482^28	4544^29	4232^11	4482D21	4544D24	4970
26	85.2	4295^24	4492^28	4553^29	4244^11	4492D22	4553D25	4971
24	85.0	4305^25	4501^28	4564^29	4255^11	4501D22	4564D25	4973
22	84.7	4314^25	4511^28	4573^29	4265^12	4511D22	4573D26	4975
10	82.9	4369^26	4563^29	4625^30	4330^14	4563D25	4625D28	4972

High QNH **+60** per .10" Engine A/I ON **-480**
Low QNH **-150** per .10" Wing A/I ON **-480**

A/C AUTO

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4102^22	4277^25	4332^26	4033^ 8	4270^19	4332D22	4649
48	90.8	4143^22	4320^26	4376^27	4070^ 9	4310^19	4376D22	4708
46	90.9	4222^23	4406^27	4463^28	4144^ 9	4389^19	4463D23	4827
44	90.8	4279^24	4465^28	4524^29	4196^10	4445^20	4524D23	4891
42	90.6	4315^25	4499^28	4558^29	4227^10	4479^21	4558D24	4945
40	90.3	4332^25	4517^29	4575^30	4244^10	4497^21	4575D24	4959
38	90.0	4341^25	4527^29	4585^30	4256^11	4510^21	4585D25	4961
36	89.8	4350^25	4536^29	4594^30	4266^11	4521^22	4594D25	4962
34	89.5	4359^26	4544^29	4602^30	4277^12	4531^22	4602D25	4964
32	89.2	4369^26	4554^29	4611^30	4288^12	4543^22	4611D26	4966
30	88.9	4377^26	4562^29	4621^30	4299^12	4554^23	4621D26	4968
28	88.6	4387^26	4572^29	4629^30	4310^13	4565^23	4629D27	4970
26	88.3	4396^26	4581^30	4638^31	4322^13	4576^24	4638D27	4971
24	88.0	4405^26	4590^30	4647^31	4333^13	4588^24	4647D27	4973
22	87.7	4415^27	4599^30	4657^31	4344^14	4599D24	4657D28	4975
10	85.9	4467^28	4650^31	4704^32	4410^16	4650D27	4704D30	4972

High QNH **+60** per .10" Engine A/I ON **-540**
Low QNH **-150** per .10" Wing A/I ON **-540**

A/C AUTO

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4102^22-22-33	4277^25-25-35	4332^26-26-36	4384^27-27-37
48	90.8	4143^22-22-33	4320^26-26-36	4376^27-27-37	4430^28-28-37
46	90.9	4222^23-23-34	4406^27-27-37	4463^28-28-38	4519^29-29-39
44	90.8	4279^24-24-35	4465^28-28-38	4524^29-29-39	4580^30-30-40
42	90.6	4315^25-25-36	4499^28-28-39	4558^29-29-39	4614^30-30-40
40	90.3	4332^25-25-36	4517^29-29-39	4575^30-30-40	4631^31-31-40
38	90.0	4341^25-25-36	4527^29-29-39	4585^30-30-40	4641^31-31-41
36	89.8	4350^25-25-36	4536^29-29-39	4594^30-30-40	4649^31-31-41
34	89.5	4359^26-26-36	4544^29-29-39	4602^30-30-40	4658^31-31-41
32	89.2	4369^26-26-37	4554^29-29-39	4611^30-30-40	4666^31-31-41
30	88.9	4377^26-26-37	4562^29-29-39	4621^30-30-40	4675^31-31-41
28	88.6	4387^26-26-37	4572^29-29-40	4629^30-30-40	4684^31-31-41
26	88.3	4396^26-26-37	4581^30-30-40	4638^31-31-41	4693^32-32-41
24	88.0	4405^26-26-37	4590^30-30-40	4647^31-31-41	4701^32-32-41
22	87.7	4415^27-27-37	4599^30-30-40	4657^31-31-41	4710^32-32-42
10	85.9	4467^28-28-38	4650^31-31-41	4704^32-32-42	4755^33-33-42

High QNH **+60** per .10" Engine A/I ON **-540**
Low QNH **-150** per .10" Wing A/I ON **-540**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	105	Length	7139	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.12
Rwy Rev.		Program						Rules	FAA		**31 Mar 23**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4143^22	4320^26	4376^27
46	4222^23	4406^27	4463^28
44	4279^24	4465^28	4524^29
42	4315^25	4499^28	4558^29
40	4332^25	4517^29	4575^30
38	4341^25	4527^29	4585^30
36	4350^25	4536^29	4594^30
34	4359^26	4544^29	4602^30
32	4369^26	4554^29	4611^30
30	4377^26	4562^29	4621^30
28	4387^26	4572^29	4629^30
26	4396^26	4581^30	4638^31
24	4405^26	4590^30	4647^31
10	4467^28	4650^31	4704^32

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

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

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4134^22	4312^26	4369^27
46	4214^23	4398^27	4455^28
44	4271^24	4456^28	4515^29
42	4306^25	4492^28	4550^29
40	4323^25	4509^28	4568^29
38	4334^25	4519^29	4578^30
36	4342^25	4528^29	4587^30
34	4351^26	4537^29	4596^30
32	4360^26	4546^29	4604^30
30	4369^26	4555^29	4613^30
28	4379^26	4565^29	4622^30
26	4389^26	4574^30	4631^31
24	4398^26	4583^30	4640^31
10	4419^27	4595^30	4647^31

High QNH **+60** per .10"
Low QNH **-150** 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			
28			
26			
24			
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	4070^ 9	4310^19	4376D22
46	4144^ 9	4389^19	4463D23
44	4196^10	4445^20	4524D23
42	4227^10	4479^21	4558D24
40	4244^10	4497^21	4575D24
38	4256^11	4510^21	4585D25
36	4266^11	4521^22	4594D25
34	4277^12	4531^22	4602D25
32	4288^12	4543^22	4611D26
30	4299^12	4554^23	4621D26
28	4310^13	4565^23	4629D27
26	4322^13	4576^24	4638D27
24	4333^13	4588^24	4647D27
10	4410^16	4650D27	4704D30

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

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

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4064^ 8	4303^19	4369D22
46	4137^ 9	4382^19	4455D23
44	4189^ 9	4438^20	4515D23
42	4220^10	4472^21	4550D24
40	4238^10	4490^21	4568D24
38	4250^11	4503^21	4578D25
36	4261^11	4514^22	4587D25
34	4271^11	4524^22	4596D25
32	4282^12	4536^22	4604D26
30	4293^12	4547^23	4613D26
28	4304^13	4559^23	4622D26
26	4315^13	4570^23	4631D27
24	4326^13	4582^24	4640D27
10	4367^16	4595D27	4647D30

High QNH **+60** per .10"
Low QNH **-150** 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			
28			
26			
24			
10			

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	3230F91	4179^99	4257^ 2
26	3269F92	4191^99	4260^ 3
24	3303F92	4202^99	4262^ 3
22	3337F92	4214^ 0	4263^ 3
20	3371F92	4216^ 0	4265^ 4
15	3461F93	4216^ 1	4266^ 5
10	3551F93	4215^ 2	4265^ 6
5	3638F94	4220^ 3	4271^ 7
0	3729F95	4225^ 4	4277^ 8
-5	3680F96	4228^ 6	4280^ 9
-10	3777F97	4228^ 7	4281^11
-15	3863F97	4227^ 8	4281^12
-20	3953F98	4228^ 9	4282D13
-25	4044F98	4227^10	4278D14

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

Engine A/I ON **-710**
Wing A/I ON **-710**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	2960F97	3642F 4	3830F 7
26	2978F98	3660F 5	3854F 7
24	3000F98	3677F 5	3872F 7
22	3017F98	3696F 5	3888F 8
20	3037F98	3715F 5	3905F 8
15	3084F99	3765F 6	3942^ 9
10	3139F 0	3823F 7	3986^10
5	3198F 0	3880F 8	4028^10
0	3262F 1	3925F 8	4069^11
-5	3338F 2	3968F 9	4112F12
-10	3434^ 2	4010F10	4161F13
-15	3532F 3	4050F11	4218F14
-20	3594F 3	4090F12	4274F15
-25	3632^ 4	4140F13	4274^15

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

Engine A/I ON **-490**
Wing A/I ON **-490**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H
28			
26			
24			
22			
20			
15			
10			
5			
0			
-5			
-10			
-15			
-20			
-25			

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

Engine A/I ON
Wing A/I ON

Elevation	105	Length	7139	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.12
Rwy Rev.		Program						Rules	FAA		**31 Mar 23**

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DURANGO -DGO 03 ***SPECIAL***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		6900'		**RT H060**	**7104'**	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
37	88.8	4016^22	4099^24	4125^24
36	89.0	4056^23	4139^24	4166^25
34	89.2	4134^24	4218^25	4245^26
32	89.5	4211^25	4296^27	4323^27
30	89.7	4273F26	4376^28	4404^28
28	89.8	4333F27	4458^29	4486^29
26	89.9	4392F27	4541^30	4569^31
24	90.0	4450F28	4622^31	4651^32
22	90.2	4495F29	4670^32	4699^32
20	90.3	4508F29	4673^32	4703^32
15	89.5	4538F30	4676^32	4706^32
10	88.8	4568F30	4678^32	4708^32
5	88.0	4585^30	4679^32	4710^33
0	87.2	4580^30	4675^32	4707^32
-5	86.4	4569^30	4665^32	4697^32
-10	85.6	4566^30	4663^32	4696^32

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
37	88.8	3982F11	4099D20	4125D23	4180
36	89.0	4011F11	4139D20	4166D23	4221
34	89.2	4067F11	4217^21	4245D24	4300
32	89.5	4119F12	4294^21	4323D24	4378
30	89.7	4173F12	4373^22	4404D25	4458
28	89.8	4229F13	4454^22	4486D25	4543
26	89.9	4285F13	4536^22	4568^25	4627
24	90.0	4340F14	4616F23	4649^26	4710
22	90.2	4381F14	4660F23	4697^26	4756
20	90.3	4397F15	4667^24	4701^27	4762
15	89.5	4430F16	4672^25	4706^28	4766
10	88.8	4464F16	4676^26	4708D29	4769
5	88.0	4498F17	4677^27	4710D30	4772
0	87.2	4532F18	4675D28	4707D31	4771
-5	86.4	4561^19	4665D29	4697D32	4762
-10	85.6	4560^20	4663D31	4696D32	4763

High QNH **+100** per .10" Engine A/I ON **-4110**
Low QNH **-170** per .10" Wing A/I ON **-4110**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
37	92.2	4026^22	4107^24	4134^24
36	92.4	4066^23	4148^24	4175^25
34	92.7	4144^24	4227^26	4254^26
32	93.0	4222^25	4305^27	4333^27
30	93.2	4302^26	4386^28	4414^28
28	93.5	4384^28	4469^29	4497^30
26	93.9	4466^29	4552^30	4580^31
24	93.9	4548^30	4634^31	4663^32
22	93.8	4596^31	4683^32	4712^33
20	93.7	4602^31	4689^32	4718^33
15	92.9	4603^31	4692^32	4766C33
10	92.1	4603^31	4693^32	4769C33
5	91.3	4603^31	4694^32	4725^33
0	90.4	4598^31	4771C32	4721^33
-5	89.6	4586^30	4680^32	4711^33
-10	88.8	4583^30	4679^32	4710^33

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
37	92.2	4019^12	4107D22	4134D24	4180
36	92.4	4058^12	4148D22	4175D25	4221
34	92.7	4130F13	4227D23	4254D26	4300
32	93.0	4185F13	4305D23	4333D26	4378
30	93.2	4240F14	4386^23	4414D26	4458
28	93.5	4298F14	4467^24	4497D27	4543
26	93.9	4355F15	4549^24	4580D27	4627
24	93.9	4414F15	4630^24	4662^28	4710
22	93.8	4462F16	4679^25	4712^28	4756
20	93.7	4497F17	4685^26	4718D29	4762
15	92.9	4531F17	4691^27	4725^31	4766
10	92.1	4566F18	4693D28	4729^32	4769
5	91.3	4592^19	4694D30	4725D33	4772
0	90.4	4589^21	4695^31	4721D33	4771
-5	89.6	4579^22	4680D32	4711D33	4762
-10	88.8	4579^23	4679D32	4710D33	4763

High QNH **+0** per .10" Engine A/I ON **-4160**
Low QNH **-370** per .10" Wing A/I ON **-4160**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
37	92.2	4026^22-22-31	4225F32-32-40	4235C32-32-40	4235C32-32-40
36	92.4	4066^23-23-32	4257F32-32-40	4277C32-32-41	4277C32-32-41
34	92.7	4144^24-24-33	4318F33-33-41	4358C34-34-42	4358C34-34-42
32	93.0	4222^25-25-34	4377F34-34-42	4436C35-35-43	4436C35-35-43
30	93.2	4302^26-26-36	4437F34-34-43	4511F36-36-44	4514C36-36-44
28	93.5	4384^28-28-37	4497F35-35-44	4574F37-37-45	4600C37-37-46
26	93.9	4466^29-29-38	4559F36-36-45	4637F37-37-46	4685C38-38-47
24	93.9	4548^30-30-39	4634^31-31-41	4703F38-38-47	4771C40-40-48
22	93.8	4596^31-31-40	4683^32-32-41	4760F39-39-48	4818C40-40-49
20	93.7	4602^31-31-40	4724F39-39-48	4804F40-40-49	4825C40-40-49
15	92.9	4603^31-31-40	4759F39-39-48	4830C40-40-49	4830C40-40-49
10	92.1	4603^31-31-40	4792F40-40-49	4834C40-40-49	4834C40-40-49
5	91.3	4603^31-31-40	4825F40-40-49	4837C40-40-49	4837C40-40-49
0	90.4	4618F37-37-46	4829^40-40-49	4840C41-41-49	4840C41-41-49
-5	89.6	4644F37-37-46	4818^40-40-49	4828C40-40-49	4828C40-40-49
-10	88.8	4676F38-38-47	4817^40-40-49	4831C40-40-49	4831C40-40-49

High QNH **+100** per .10" Engine A/I ON **-3840**
Low QNH **-170** per .10" Wing A/I ON **-3840**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 6104 Length 9534 Shift **0** Clearway 0 Stopway 0 Slope -0.03
Rwy Rev. Program Rules FAA **28 Apr 22**

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DURANGO -DGO 03 *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	Flaps -10T	+0	+10H
37	4026^22	4107^24	4134^24	4021^22	4102^24	4129^24			
36	4066^23	4148^24	4175^25	4061^23	4142^24	4170^25			
34	4144^24	4227^26	4254^26	4140^24	4222^25	4249^26			
32	4222^25	4305^27	4333^27	4218^25	4301^27	4329^27			
30	4302^26	4386^28	4414^28	4298^26	4382^28	4410^28			
28	4384^28	4469^29	4497^30	4379^27	4464^29	4493^30			
26	4466^29	4552^30	4580^31	4462^29	4547^30	4576^31			
24	4548^30	4634^31	4663^32	4542F30	4631^31	4660^32			
22	4596^31	4683^32	4712^33	4594^31	4681^32	4710^33			
20	4602^31	4689^32	4718^33	4600^31	4687^32	4716^33			
15	4603^31	4692^32	4766C33	4601^31	4690^32	4719^33			
10	4603^31	4693^32	4769C33	4189^25	4276^26	4306^27			
5	4603^31	4694^32	4725^33	4456^29	4547^30	4578^31			
0	4598^31	4771C32	4721^33	4529^30	4621^31	4652^32			
	High QNH **+0** per .10" Low QNH **-370** per .10"			High QNH **+100** per .10" Low QNH **-230** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4160** Wing A/I ON **-4160**			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 9 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
37	4019^12	4107D22	4134D24	4013^12	4102D22	4129D24			
36	4058^12	4148D22	4175D25	4053^12	4142D22	4170D25			
34	4130F13	4227D23	4254D26	4121F13	4222D22	4249D25			
32	4185F13	4305D23	4333D26	4177F13	4301^23	4329D26			
30	4240F14	4386^23	4414D26	4232F14	4381^23	4410D26			
28	4298F14	4467^24	4497D27	4290F14	4463^23	4493D27			
26	4355F15	4549^24	4580D27	4347F15	4544^24	4576D27			
24	4414F15	4630^24	4662^28	4406F15	4627^24	4659^28			
22	4462F16	4679^25	4712^28	4455F16	4677^25	4709^28			
20	4497F17	4685^26	4718D29	4489F16	4684^26	4716D29			
15	4531F17	4691^27	4725^31	4525F17	4688^27	4719D30			
10	4566F18	4693D28	4729^32	4188^20	4276D26	4306D27			
5	4592^19	4694D30	4725D33	4449^20	4547D30	4578D31			
0	4589^21	4695^31	4721D33	4521^21	4621D31	4652D32			
	High QNH **+80** per .10" Low QNH **-170** per .10"			High QNH **+100** per .10" Low QNH **-230** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4160** Wing A/I ON **-4160**			Engine A/I ON **-290** Wing A/I ON **-290**			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	3765F94	3982F 3	4058F 6	3466F99	3655F 7	3723F10			
26	3824F94	4041F 3	4118F 6	3526F99	3718F 8	3786F10			
24	3761F95	4102F 4	4180F 6	3586F99	3782F 8	3852F11			
22	3795F96	4148F 4	4227F 7	3633F 0	3834F 9	3905F11			
20	3946F96	4175F 5	4256F 8	3665F 1	3870F 9	3941F12			
15	3975F96	4207F 6	4287F 9	3691F 1	3899F10	3970F13			
10	4002F97	4238F 6	4319F 9	3717F 2	3927F11	3997F14			
5	4029F98	4269F 7	4352F10	3742F 3	3954F12	4026F15			
0	4053F99	4296F 8	4382F11	3764F 4	3978F13	4052F16			
-5	4081F 0	4326F 9	4413F13	3788F 5	4003F14	4081F17			
-10	4111F 1	4359F10	4448F14	3814F 6	4031F15	4112F18			
-15	4140F 2	4394F12	4483F15	3841F 7	4061F16	4144F19			
-20	4169F 3	4427F13	4516F16	3864F 8	4091F17	4174F20			
-25	4197F 4	4459F14	4550F17	3889F 9	4119F18	4205F21			
	High QNH **+110** per .10" Low QNH **-150** per .10"			High QNH **+100** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-2030** Wing A/I ON **-2030**			Engine A/I ON **-1910** Wing A/I ON **-1910**			Engine A/I ON Wing A/I ON		

Elevation	6104	Length	9534	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.03
Rwy Rev.		Program						Rules	FAA		**28 Apr 22**

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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**

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
37	88.8	4016^22	4098^24	4125^24	3976F11	4098D20	4125D23	4180
36	89.0	4055^23	4138^24	4165^25	4005F11	4138D20	4165D23	4221
34	89.2	4133^24	4217^25	4244^26	4061F11	4216^21	4244D24	4300
32	89.5	4207F25	4295^26	4322^27	4113F12	4293^21	4322D24	4378
30	89.7	4265F26	4375^28	4403^28	4167F12	4373^22	4403D25	4458
28	89.8	4324F26	4458^29	4486^29	4223F13	4453^22	4486D25	4543
26	89.9	4384F27	4540^30	4568^31	4279F13	4535^22	4567^25	4627
24	90.0	4441F28	4621^31	4650^32	4334F14	4609F23	4648^26	4710
22	90.2	4486F29	4669^32	4698^32	4375F14	4653F23	4696^26	4756
20	90.3	4500F29	4673^32	4702^32	4391F15	4666^24	4700^27	4762
15	89.5	4529F29	4675^32	4705^32	4424F16	4671^25	4705^28	4766
10	88.8	4559F30	4677^32	4708^32	4458F17	4675^26	4708D29	4769
5	88.0	4585^30	4678^32	4709^32	4492F17	4677^27	4709D30	4772
0	87.2	4579^30	4674^32	4706^32	4523F18	4674D28	4706D31	4771
-5	86.4	4568^30	4665^32	4696^32	4555F19	4665D29	4696D32	4762
-10	85.6	4566^30	4663^32	4695^32	4559^21	4663D31	4695D32	4763

High QNH **+100** per .10" Engine A/I ON **-4110**
Low QNH **-170** per .10" Wing A/I ON **-4110**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
37	92.2	4026^22	4107^24	4134^24	4018^12	4107D22	4134D24	4180
36	92.4	4066^23	4147^24	4174^25	4057^12	4147D22	4174D25	4221
34	92.7	4144^24	4226^26	4253^26	4124F13	4226D23	4253D26	4300
32	93.0	4221^25	4304^27	4332^27	4179F13	4304D23	4332D26	4378
30	93.2	4301^26	4385^28	4413^28	4234F14	4385^23	4413D27	4458
28	93.5	4383^28	4468^29	4496^30	4292F14	4466^24	4496D27	4543
26	93.9	4465^29	4551^30	4579^31	4349F15	4548^24	4579D27	4627
24	93.9	4545F30	4633^31	4662^32	4408F15	4629^24	4662^28	4710
22	93.8	4595^31	4682^32	4712^33	4456F16	4678^25	4711^28	4756
20	93.7	4601^31	4689^32	4717^33	4490F17	4685^26	4717D29	4762
15	92.9	4603^31	4691^32	4721^33	4525F18	4690^27	4721D31	4766
10	92.1	4603^31	4693^32	4723^33	4560F18	4693D29	4723D32	4769
5	91.3	4602^31	4693^32	4724^33	4591^19	4693D30	4724D33	4772
0	90.4	4597^31	4689^32	4720^33	4588^21	4689D31	4720D33	4771
-5	89.6	4585^30	4679^32	4711^33	4579^22	4679D32	4711D33	4762
-10	88.8	4582^30	4678^32	4710^33	4578^23	4678D32	4710D33	4763

High QNH **+100** per .10" Engine A/I ON **-4160**
Low QNH **-170** per .10" Wing A/I ON **-4160**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
37	92.2	4026^22-22-31	4217F31-31-40	4235C32-32-40	4235C32-32-40
36	92.4	4066^23-23-32	4249F32-32-40	4277C32-32-41	4277C32-32-41
34	92.7	4144^24-24-33	4310F33-33-41	4358C34-34-42	4358C34-34-42
32	93.0	4221^25-25-34	4369F33-33-42	4436C35-35-43	4436C35-35-43
30	93.2	4301^26-26-36	4428F34-34-43	4504F36-36-44	4514C36-36-44
28	93.5	4383^28-28-37	4489F35-35-44	4566F37-37-45	4600C37-37-46
26	93.9	4465^29-29-38	4551^30-30-39	4628F37-37-46	4685C38-38-47
24	93.9	4545F30-30-39	4633^31-31-41	4694F38-38-47	4771C40-40-48
22	93.8	4595^31-31-40	4682^32-32-41	4751F39-39-48	4818C40-40-49
20	93.7	4601^31-31-40	4715F38-38-47	4795F40-40-49	4825C40-40-49
15	92.9	4603^31-31-40	4750F39-39-48	4830C40-40-49	4830C40-40-49
10	92.1	4603^31-31-40	4783F40-40-49	4834C40-40-49	4834C40-40-49
5	91.3	4602^31-31-40	4816F40-40-49	4837C40-40-49	4837C40-40-49
0	90.4	4609F36-36-46	4828^40-40-49	4840C41-41-49	4840C41-41-49
-5	89.6	4636F37-37-46	4817^40-40-49	4828C40-40-49	4828C40-40-49
-10	88.8	4667F38-38-47	4816^40-40-49	4831C40-40-49	4831C40-40-49

High QNH **+100** per .10" Engine A/I ON **-3760**
Low QNH **-170** per .10" Wing A/I ON **-3760**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 6104 Length 9534 Shift **0** Clearway 0 Stopway 0 Slope +0.03
Rwy Rev. Program Rules FAA **28 Apr 22**

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DURANGO -DGO 21 *LT H035*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
37	4026^22	4107^24	4134^24
36	4066^23	4147^24	4174^25
34	4144^24	4226^26	4253^26
32	4221^25	4304^27	4332^27
30	4301^26	4385^28	4413^28
28	4383^28	4468^29	4496^30
26	4465^29	4551^30	4579^31
24	4545F30	4633^31	4662^32
22	4595^31	4682^32	4712^33
20	4601^31	4689^32	4717^33
15	4603^31	4691^32	4721^33
10	4603^31	4693^32	4723^33
5	4602^31	4693^32	4724^33
0	4597^31	4689^32	4720^33

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

Engine A/I ON **-4160**
Wing A/I ON **-4160**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
37	4020^22	4101^24	4129^24
36	4060^23	4142^24	4169^25
34	4139^24	4221^25	4249^26
32	4217^25	4300^27	4328^27
30	4297^26	4381^28	4409^28
28	4379^27	4464^29	4492^30
26	4461^29	4547^30	4575^31
24	4533F30	4630^31	4660^32
22	4589F30	4680^32	4710^33
20	4599^31	4687^32	4716^33
15	4601^31	4690^32	4719^33
10	4189^25	4275^26	4306^27
5	4456^29	4547^30	4577^31
0	4528^30	4621^31	4652^32

High QNH **+100** per .10"
Low QNH **-230** per .10"

Engine A/I ON **-290**
Wing A/I ON **-290**

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

OAT °C	Flaps 9 -10T	+0	+10H
37	4018^12	4107D22	4134D24
36	4057^12	4147D22	4174D25
34	4124F13	4226D23	4253D26
32	4179F13	4304D23	4332D26
30	4234F14	4385^23	4413D27
28	4292F14	4466^24	4496D27
26	4349F15	4548^24	4579D27
24	4408F15	4629^24	4662^28
22	4456F16	4678^25	4711^28
20	4490F17	4685^26	4717D29
15	4525F18	4690^27	4721D31
10	4560F18	4693D29	4723D32
5	4591^19	4693D30	4724D33
0	4588^21	4689D31	4720D33

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

Engine A/I ON **-4160**
Wing A/I ON **-4160**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
37	4012^12	4101D22	4129D24
36	4052^12	4142D22	4169D25
34	4115F13	4221D22	4249D26
32	4170F13	4300D23	4328D26
30	4226F14	4381^23	4409D26
28	4283F14	4462^23	4492D27
26	4341F15	4543^24	4575D27
24	4400F15	4626^24	4659^28
22	4449F16	4676^25	4709^28
20	4483F17	4683^26	4716D29
15	4517F17	4687^27	4719D30
10	4188^20	4275D26	4306D27
5	4448^20	4547D30	4577D31
0	4521^21	4621D31	4652D32

High QNH **+100** per .10"
Low QNH **-230** per .10"

Engine A/I ON **-290**
Wing A/I ON **-290**

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

OAT °C	Flaps 9 -10T	+0	+10H
28	3760F94	3977F 3	4053F 6
26	3819F94	4036F 3	4113F 6
24	3810F95	4097F 4	4175F 7
22	3846F96	4142F 4	4222F 7
20	3942F96	4170F 5	4251F 8
15	3969F97	4201F 6	4282F 9
10	3997F97	4233F 7	4314F10
5	4024F98	4262F 8	4347F11
0	4048F99	4291F 9	4377F12
-5	4074F 0	4320F10	4408F13
-10	4104F 1	4354F11	4442F14
-15	4135F 2	4388F12	4478F15
-20	4164F 3	4421F13	4511F16
-25	4192F 4	4454F14	4544F17

High QNH **+110** per .10"
Low QNH **-150** per .10"

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

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3463F99	3652F 7	3720F10
26	3523F99	3714F 8	3783F10
24	3583F 0	3779F 8	3848F11
22	3630F 0	3831F 9	3902F11
20	3662F 1	3867F 9	3937F12
15	3688F 2	3896F10	3967F13
10	3714F 2	3923F11	3993F14
5	3739F 3	3950F12	4024F15
0	3760F 4	3975F13	4049F16
-5	3785F 5	3999F14	4077F17
-10	3811F 6	4028F15	4108F18
-15	3838F 7	4057F16	4140F19
-20	3862F 8	4087F17	4171F20
-25	3885F 9	4115F18	4200F21

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

Engine A/I ON **-1890**
Wing A/I ON **-1890**

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	9534	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.03
Rwy Rev.		Program						Rules	FAA		**28 Apr 22**

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GUADALAJARA -GDL 02 SPECIAL

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D4.0 GDL	D14.7 ZAP	RT H060	6013	

NOTAMS A7162/23

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
39	88.7	3342F 8	3573F13	3647F14	2806F94	3539F 1	3628F 4	4294
38	88.8	3366F 8	3598F13	3674F15	2714F95	3563F 1	3653F 5	4336
36	89.2	3414F 9	3648F14	3728F15		3612F 2	3704F 5	4421
34	89.5	3461F 9	3697F14	3780F16		3659F 2	3752F 5	4499
32	89.9	3506F10	3744F15	3829F17		3704F 3	3798F 6	4576
30	90.2	3550F11	3791F16	3877F17		3750F 3	3845F 6	4657
28	90.1	3595F11	3841F16	3928F18		3799F 4	3894F 7	4745
26	90.0	3637F12	3891F17	3978F19		3847F 4	3944F 7	4833
24	89.9	3666F12	3923F18	4011F19		3878F 4	3976F 8	4876
22	89.8	3681F12	3937F18	4025F20		3893F 5	3990F 8	4882
20	89.7	3697F13	3951F18	4039F20		3905F 5	4004F 8	4884
15	89.0	3726F13	3980F19	4070F20		3937F 6	4035F 9	4888
10	88.2	3751F14	4009F19	4099F21	2787F 1	3968F 7	4069F10	4890
5	87.4	3778F15	4039F20	4126F21	3211F 0	4001F 8	4102F11	4893
0	86.6	3801F15	4066F20	4150F22	3538F99	4030F 9	4129F12	4886
-5	85.8	3829F16	4097F21	4180F23	3340F 1	4064F10	4163F13	4884

High QNH **+50** per .10" Engine A/I ON **-980**
Low QNH **-130** per .10" Wing A/I ON **-980**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 22 -10T	+0	+10H	TO-1 - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
39	92.1	3560^ 5	3647^ 7	3676^ 7	3550^91	3647D 1	3676D 4	3775
38	92.2	3595^ 5	3684^ 7	3714^ 8	3579^91	3684^ 1	3714D 4	3813
36	92.5	3666^ 6	3757^ 8	3787^ 9	3640^91	3756^ 1	3787D 4	3889
34	92.9	3733^ 6	3825^ 9	3856^ 9	3685^92	3824^ 1	3856D 5	3960
32	93.3	3799^ 6	3893^10	3924^10	3666^92	3891^ 2	3924D 5	4030
30	93.7	3871^ 7	3967^11	3999^11	3645^93	3964^ 2	3999D 5	4104
28	93.7	3937^ 7	4045^12	4077^12	3611^94	4041^ 2	4077D 6	4185
26	93.8	4002^ 7	4121^13	4153^13	3580^94	4117^ 3	4153^ 6	4266
24	93.6	4045^ 8	4161^13	4193^14	3590^95	4156^ 3	4193^ 7	4304
22	93.3	4065^ 9	4165^13	4198^14	3649^95	4161^ 4	4198D 7	4309
20	93.0	4065^ 9	4166^13	4198^14	3682^96	4162^ 4	4198D 8	4311
15	92.2	4066^10	4167^13	4200^14	3765^96	4165^ 5	4200D 9	4314
10	91.4	4066^11	4167^13	4201^14	3846^97	4166^ 6	4201D10	4317
5	90.6	4064^12	4165^13	4200^14	3927^97	4165D 7	4200D11	4318
0	89.8	4053^12	4157^13	4191^14	4011^98	4157D 8	4191D12	4311
-5	88.9	4049^12	4154^13	4189^14	3951^99	4154D 9	4189D13	4312

High QNH **+70** per .10" Engine A/I ON **-2750**
Low QNH **-150** per .10" Wing A/I ON **-2750**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
39	92.1	3560^ 5- 5-12	3647^ 7- 7-14	3676^ 7- 7-14	3707^ 8- 8-14
38	92.2	3595^ 5- 6-13	3684^ 7- 7-14	3714^ 8- 8-15	3744^ 8- 8-15
36	92.5	3666^ 6- 7-14	3757^ 8- 8-15	3787^ 9- 9-16	3817^ 9- 9-16
34	92.9	3733^ 6- 8-15	3825^ 9- 9-16	3856^ 9- 9-17	3887^10-10-17
32	93.3	3799^ 6- 8-16	3893^10-10-17	3924^10-10-17	3956^11-11-18
30	93.7	3871^ 7- 9-17	3967^11-11-18	3999^11-11-18	4031^12-12-19
28	93.7	3937^ 7-10-18	4045^12-12-19	4077^12-12-19	4109^13-13-20
26	93.8	4002^ 7-11-18	4121^13-13-20	4153^13-13-20	4186^14-14-21
24	93.6	4045^ 8-11-19	4161^13-13-20	4193^14-14-21	4227^14-14-21
22	93.3	4065^ 9-12-19	4165^13-13-20	4198^14-14-21	4231^14-14-21
20	93.0	4065^ 9-12-19	4166^13-13-20	4198^14-14-21	4232^14-14-21
15	92.2	4066^10-12-19	4167^13-13-20	4200^14-14-21	4234^14-14-21
10	91.4	4066^11-12-19	4167^13-13-20	4201^14-14-21	4236^14-14-21
5	90.6	4064^12-12-19	4165^13-13-20	4200^14-14-21	4235^14-14-21
0	89.8	4053^12-12-19	4157^13-13-20	4191^14-14-21	4227^14-14-21
-5	88.9	4049^12-12-19	4154^13-13-20	4189^14-14-21	4225^14-14-21

High QNH **+70** per .10" Engine A/I ON **-2750**
Low QNH **-150** per .10" Wing A/I ON **-2750**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	5013	Length	5906	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.30
Rwy Rev.		Program						Rules	FAA		**13 Sep 23**

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GUADALAJARA -GDL 02 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **22**

OAT °C	-10T	+0	+10H
39	3560^ 5	3647^ 7	3676^ 7
38	3595^ 5	3684^ 7	3714^ 8
36	3666^ 6	3757^ 8	3787^ 9
34	3733^ 6	3825^ 9	3856^ 9
32	3799^ 6	3893^10	3924^10
30	3871^ 7	3967^11	3999^11
28	3937^ 7	4045^12	4077^12
26	4002^ 7	4121^13	4153^13
24	4045^ 8	4161^13	4193^14
22	4065^ 9	4165^13	4198^14
20	4065^ 9	4166^13	4198^14
15	4066^10	4167^13	4200^14
10	4066^11	4167^13	4201^14
5	4064^12	4165^13	4200^14

High QNH **+70** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-2750**
Wing A/I ON **-2750**

DRY - EAI VLV INOP OPEN

Flaps **22**

OAT °C	-10T	+0	+10H
39	3555^ 5	3643^ 7	3672^ 7
38	3591^ 5	3680^ 7	3709^ 8
36	3662^ 5	3752^ 8	3782^ 9
34	3729^ 6	3822^ 9	3852^ 9
32	3795^ 6	3890^10	3921^10
30	3867^ 6	3964^11	3995^11
28	3931^ 7	4041^12	4073^12
26	3996^ 7	4118^13	4150^13
24	4039^ 8	4158^13	4191^14
22	4062^ 9	4163^13	4195^14
20	4062^ 9	4163^13	4196^14
15	4063^10	4165^13	4198^14
10	3794^ 8	3892^10	3925^10
5	3983^11	4086^12	4120^13

High QNH **+70** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-100**
Wing A/I ON **-100**

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 **22**

OAT °C	-10T	+0	+10H
39	3550^91	3647D 1	3676D 4
38	3579^91	3684^ 1	3714D 4
36	3640^91	3756^ 1	3787D 4
34	3685^92	3824^ 1	3856D 5
32	3666^92	3891^ 2	3924D 5
30	3645^93	3964^ 2	3999D 5
28	3611^94	4041^ 2	4077D 6
26	3580^94	4117^ 3	4153^ 6
24	3590^95	4156^ 3	4193^ 7
22	3649^95	4161^ 4	4198D 7
20	3682^96	4162^ 4	4198D 8
15	3765^96	4165^ 5	4200D 9
10	3846^97	4166^ 6	4201D10
5	3927^97	4165D 7	4200D11

High QNH **+70** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-2740**
Wing A/I ON **-2740**

WET - EAI VLV INOP OPEN

Flaps **22**

OAT °C	-10T	+0	+10H
39	3544^91	3643D 0	3672D 4
38	3574^91	3679^ 1	3709D 4
36	3635^91	3752^ 1	3782D 4
34	3675^91	3820^ 1	3852D 5
32	3656^92	3888^ 2	3921D 5
30	3635^93	3961^ 2	3995D 5
28	3602^94	4038^ 2	4073^ 6
26	3571^94	4113^ 3	4149^ 6
24	3581^95	4154^ 3	4190^ 6
22	3640^95	4159^ 4	4195D 7
20	3673^95	4160^ 4	4196D 8
15	3757^96	4162^ 5	4198D 9
10	3786^97	3892D 7	3925D10
5	3915^97	4086D 7	4120D11

High QNH **+80** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-100**
Wing A/I ON **-100**

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

OAT °C	-10T	+0	+10H
28			
26			
24			
22			
20			
15			
10			
5			
0			
-5			
-10			
-15			
-20			
-25			

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			
26			
24			
22			
20			
15			
10			2717^97
5			2805^98
0			2898^98
-5		2672^97	2988^98
-10		2765^97	3079^99
-15		2857^98	3166^99
-20		2948^98	3263^ 0
-25		3044^99	3374^ 0

High QNH **+150** per .10"
Low QNH **-160** per .10"

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

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	5013	Length	5906	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.30
Rwy Rev.		Program						Rules	FAA		**13 Sep 23**

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TAR Mexico **EMB-145** **AE3007A1**

GUADALAJARA -GDL 11 *SPECIAL*

CLIMB AT	*VIA*	*REACHING*	*OR*	*TURN*	*FLAP RETRACT*	*HOLD*
		D5.1 GDL	**D5.9 IAIG**	**LT H040**	**6100**	

NOTAMS A7162/23 A7164/23

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
39	88.7	4125^24	4210^25	4239^26	4125D24	4210D25	4239D26	4294
38	88.8	4167^24	4253^26	4281^26	4167D24	4253D26	4281D26	4336
36	89.2	4248^25	4335^27	4363^28	4248D26	4335D27	4363D28	4421
34	89.5	4325^27	4412^28	4441^29	4325D27	4412D28	4441D29	4499
32	89.9	4401^28	4488^29	4518^30	4401D28	4488D29	4518D30	4576
30	90.2	4483^29	4572^31	4602^31	4483D29	4572D31	4602D31	4657
28	90.1	4569^30	4659^32	4689^32	4569D30	4659D32	4689D32	4745
26	90.0	4654^31	4744^33	4774^33	4654D31	4744D33	4774D34	4833
24	89.9	4697^32	4789^34	4819^34	4697D32	4789D34	4819D34	4876
22	89.8	4700^32	4792^34	4822^34	4700D32	4792D34	4822D34	4882
20	89.7	4701^32	4793^34	4824^34	4701D32	4793D34	4824D34	4884
15	89.0	4702^32	4795^34	4827^34	4702D32	4795D34	4827D34	4888
10	88.2	4701^32	4797^34	4828^34	4701D32	4797D34	4828D34	4890
5	87.4	4700^32	4797^34	4829^34	4700D32	4797D34	4829D34	4893
0	86.6	4691^32	4790^34	4822^34	4691D32	4790D34	4822D34	4886
-5	85.8	4685^32	4784^33	4817^34	4685D32	4784D34	4817D34	4884

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
39	92.1	4136^24	4220^25	4248^26	4136D24	4220D26	4248D26	4294
38	92.2	4178^24	4263^26	4291^27	4178D25	4263D26	4291D27	4336
36	92.5	4260^26	4345^27	4373^28	4260D26	4345D27	4373D28	4421
34	92.9	4337^27	4422^28	4452^29	4337D27	4422D28	4452D29	4499
32	93.3	4413^28	4499^29	4527^30	4413D28	4499D30	4527D30	4576
30	93.7	4495^29	4583^31	4612^31	4495D29	4583D31	4612D31	4657
28	93.7	4582^30	4670^32	4700^32	4582D31	4670D32	4700D33	4745
26	93.8	4667^32	4756^33	4786^34	4667D32	4756D33	4786D34	4833
24	93.6	4712^32	4802^34	4832^34	4712D32	4802D34	4832D34	4876
22	93.3	4718^32	4808^34	4839^34	4718D32	4808D34	4839D34	4882
20	93.0	4719^32	4809^34	4840^34	4719D32	4809D34	4840D34	4884
15	92.2	4719^32	4812^34	4842^34	4719D32	4812D34	4842D34	4888
10	91.4	4719^32	4813^34	4844^34	4719D32	4813D34	4844D35	4890
5	90.6	4718^32	4813^34	4845^34	4718D32	4813D34	4845D35	4893
0	89.8	4709^32	4805^34	4838^34	4709D32	4805D34	4838D34	4886
-5	88.9	4702^32	4799^34	4832^34	4702D32	4799D34	4832D34	4884

High QNH **+80** per .10" Engine A/I ON **-3000**
Low QNH **-170** per .10" Wing A/I ON **-3000**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
39	92.1	4257^32-32-40	4342^33-33-42	4348C33-33-42	4348C33-33-42
38	92.2	4296^32-32-41	4386^34-34-42	4391C34-34-42	4391C34-34-42
36	92.5	4374^33-33-42	4470^35-35-44	4477C35-35-44	4477C35-35-44
34	92.9	4447^34-34-43	4551^36-36-45	4557C36-36-45	4557C36-36-45
32	93.3	4517^35-35-44	4631^38-38-46	4634C38-38-46	4634C38-38-46
30	93.7	4588^37-37-45	4712C39-39-47	4712C39-39-47	4712C39-39-47
28	93.7	4668^38-38-47	4801^40-40-49	4801C40-40-49	4801C40-40-49
26	93.8	4748^39-39-48	4883^41-41-50	4891C41-41-50	4891C41-41-50
24	93.6	4794^39-39-49	4930^42-42-51	4938C42-42-51	4938C42-42-51
22	93.3	4811^40-40-49	4942C42-42-51	4942C42-42-51	4942C42-42-51
20	93.0	4816^40-40-49	4944C42-42-51	4944C42-42-51	4944C42-42-51
15	92.2	4829^40-40-49	4950C42-42-51	4950C42-42-51	4950C42-42-51
10	91.4	4840^40-40-49	4952C42-42-51	4952C42-42-51	4952C42-42-51
5	90.6	4851^40-40-50	4956^42-42-51	4957C42-42-51	4957C42-42-51
0	89.8	4851^40-40-50	4944C42-42-51	4944C42-42-51	4944C42-42-51
-5	88.9	4847^40-40-49	4942^42-42-51	4948C42-42-51	4948C42-42-51

High QNH **+10** per .10" Engine A/I ON **-3050**
Low QNH **-180** per .10" Wing A/I ON **-3050**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 5013 Length 13123 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **12 Oct 23**

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GUADALAJARA -GDL 11 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
39	4064^22	4163^24	4196^25
38	4104^23	4204^25	4238^26
36	4184^24	4285^26	4319^27
34	4260^25	4363^27	4397^28
32	4335^27	4438^28	4473^29
30	4415^28	4521^30	4556^30
28	4499^29	4606^31	4642^31
26	4583^30	4690^32	4726^33
24	4626^31	4735^33	4772^33
22	4632^31	4741^33	4778^33
20	4632^31	4742^33	4779^33
15	4633^31	4744^33	4781^33
10	4632^31	4745^33	4783^33
5	4632^31	4745^33	4783^33

High QNH	**+90**	per .10"
Low QNH	**-170**	per .10"
Engine A/I ON	**-2970**	
Wing A/I ON	**-2970**	

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
39	4131^24	4215^25	4243^26
38	4173^24	4257^26	4286^26
36	4255^26	4340^27	4368^28
34	4332^27	4418^28	4447^29
32	4409^28	4494^29	4523^30
30	4491^29	4579^31	4608^31
28	4577^30	4666^32	4695^32
26	4662^32	4752^33	4782^34
24	4709^32	4799^34	4829^34
22	4715^32	4805^34	4836^34
20	4715^32	4806^34	4837^34
15	4716^32	4808^34	4839^34
10	4420^28	4512^30	4543^30
5	4641^31	4736^33	4768^33

High QNH	**+90**	per .10"
Low QNH	**-200**	per .10"
Engine A/I ON	**-220**	
Wing A/I ON	**-220**	

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

OAT °C	Flaps 9 -10T	+0	+10H
39	4064D23	4163D24	4196D25
38	4104D23	4204D25	4238D26
36	4184D24	4285D26	4319D27
34	4260D25	4363D27	4397D28
32	4335D27	4438D28	4473D29
30	4415D28	4521D30	4556D30
28	4499D29	4606D31	4642D32
26	4583D30	4690D32	4726D33
24	4626D31	4735D33	4772D33
22	4632D31	4741D33	4778D33
20	4632D31	4742D33	4779D33
15	4633D31	4744D33	4781D33
10	4632D31	4745D33	4783D33
5	4632D31	4745D33	4783D33

High QNH	**+90**	per .10"
Low QNH	**-170**	per .10"
Engine A/I ON	**-2970**	
Wing A/I ON	**-2970**	

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
39	4131D24	4215D25	4243D26
38	4173D25	4257D26	4286D27
36	4255D26	4340D27	4368D28
34	4332D27	4418D28	4447D29
32	4409D28	4494D30	4523D30
30	4491D29	4579D31	4608D31
28	4577D30	4666D32	4695D32
26	4662D32	4752D33	4782D34
24	4709D32	4799D34	4829D34
22	4715D32	4805D34	4836D34
20	4715D32	4806D34	4837D34
15	4716D32	4808D34	4839D34
10	4420D28	4512D30	4543D30
5	4641D31	4736D33	4768D33

High QNH	**+90**	per .10"
Low QNH	**-200**	per .10"
Engine A/I ON	**-220**	
Wing A/I ON	**-220**	

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

OAT °C	Flaps 9 -10T	+0	+10H
28	4468^12	4634^21	4670^24
26	4541^12	4715^22	4753^25
24	4586^13	4761^22	4800^25
22	4606^14	4772^23	4810^26
20	4613^14	4775^24	4812^27
15	4632^15	4780^25	4818^28
10	4649^16	4785^26	4823^29
5	4667^17	4789^27	4828^31
0	4667^19	4785^29	4826^32
-5	4664^20	4784^30	4825^33
-10	4666^21	4787^32	4826^34
-15	4666^23	4789^33	4825^34
-20	4663^24	4786^33	4821^34
-25	4659^26	4780^33	4815^34

High QNH	**+80**	per .10"
Low QNH	**-170**	per .10"
Engine A/I ON	**-2810**	
Wing A/I ON	**-2810**	

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4301F15	4494^23	4564^26
26	4369F16	4566^24	4637^26
24	4421^16	4621^24	4692^27
22	4454^17	4657^25	4726^28
20	4465^18	4667^26	4736^28
15	4490^19	4691^27	4762^29
10	4516^20	4715^28	4786^30
5	4538^21	4740^29	4799^32
0	4551^22	4754^30	4802^33
-5	4574^23	4757^31	4805^34
-10	4594^24	4766^32	4805^34
-15	4616^25	4769^33	4803^34
-20	4630^26	4764^33	4799^34
-25	4629^27	4759^33	4794^34

High QNH	**+60**	per .10"
Low QNH	**-180**	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	5013	Length	13123	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**12 Oct 23**

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GUADALAJARA -GDL 20 *SPECIAL*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D2.0 GDL	*5300	RT H050	6100	

*USE ONLY IF GDL DME OTS
NOTAMS A7162/23 A7164/23

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
39	88.7	3297F 7	3441^10	3485^11	3035F93	3441D 2	3485D 5	4294
38	88.8	3321F 7	3467^10	3513^11	2981F94	3467D 2	3513D 5	4336
36	89.2	3369F 8	3521^11	3569^12	2871F95	3520^ 3	3569D 6	4421
34	89.5	3414F 8	3572^12	3621^13	2745F96	3569^ 3	3621D 6	4499
32	89.9	3459F 9	3621^12	3671^14		3616^ 4	3671D 7	4576
30	90.2	3503F10	3670^13	3721^14		3663^ 4	3721D 7	4657
28	90.1	3551F10	3724^14	3776^15		3714^ 4	3776D 8	4745
26	90.0	3598F11	3778^15	3831^16		3767^ 5	3831D 8	4833
24	89.9	3628F11	3810^15	3863^16		3798^ 5	3863D 8	4876
22	89.8	3640F12	3820^15	3874^17		3809^ 6	3874D 9	4882
20	89.7	3651F12	3830^16	3883^17		3820^ 6	3883D 9	4884
15	89.0	3677F12	3852^16	3905^17	2793F 1	3845^ 7	3905D10	4888
10	88.2	3701F13	3873^16	3926^18	3159F 0	3870^ 8	3926D11	4890
5	87.4	3727F13	3895^17	3948^18	3446F99	3895D 8	3948D12	4893
0	86.6	3744^14	3910^17	3960^18	3694F99	3910D 9	3960D13	4886
-5	85.8	3767^14	3933^18	3981^19	3543F 1	3933D10	3981D14	4884

High QNH **+40** per .10" Engine A/I ON **-1420**
Low QNH **-130** per .10" Wing A/I ON **-1420**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 22 -10T	+0	+10H	TO-1 - WET RWY Flaps 22 -10T	+0	+10H	Dry Rwy Climb Limit
39	92.1	3402^ 3	3502^ 4	3537^ 5	3356^92	3502D 1	3537D 5	3775
38	92.2	3432^ 4	3534^ 5	3570^ 5	3381^92	3534D 2	3570D 5	3813
36	92.5	3493^ 4	3598^ 6	3634^ 6	3434^92	3598D 2	3634D 5	3889
34	92.9	3549^ 5	3658^ 6	3694^ 7	3486^93	3658D 2	3694D 6	3960
32	93.3	3605^ 6	3716^ 7	3753^ 8	3535^93	3716D 3	3753D 6	4030
30	93.7	3661^ 7	3774^ 8	3811^ 8	3585^94	3774D 3	3811D 6	4104
28	93.7	3723^ 7	3840^ 9	3878^ 9	3639^94	3840D 4	3878D 7	4185
26	93.8	3786^ 8	3906^ 9	3945^10	3639^95	3906D 4	3945D 7	4266
24	93.6	3826^ 9	3947^10	3986^11	3656^95	3947D 4	3986D 8	4304
22	93.3	3844^ 9	3963^10	4002^11	3714^96	3963D 5	4002D 8	4309
20	93.0	3851^ 9	3969^10	4008^11	3745^96	3969D 6	4008D 9	4311
15	92.2	3865^ 9	3983^11	4023^11	3792^96	3983D 6	4023D10	4314
10	91.4	3881^ 9	3998^11	4037^11	3818^97	3998D 7	4037D11	4317
5	90.6	3895^ 9	4012^11	4052^12	3842^98	4012D 8	4052D11	4318
0	89.8	3901^ 9	4016^11	4056^12	3858^99	4016D 9	4056D12	4311
-5	88.9	3917^10	4031^11	4072^12	3882^ 0	4031D10	4072D13	4312

High QNH **+30** per .10" Engine A/I ON **-2070**
Low QNH **-140** per .10" Wing A/I ON **-2070**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 22 -10T	+0	+10H	+20H
39	92.1	3402^ 3- 3-10	3502^ 4- 4-11	3537^ 5- 5-12	3573^ 6- 6-12
38	92.2	3432^ 4- 4-11	3534^ 5- 5-12	3570^ 5- 5-12	3606^ 6- 6-13
36	92.5	3493^ 4- 4-12	3598^ 6- 6-13	3634^ 6- 6-13	3671^ 7- 7-14
34	92.9	3549^ 5- 5-13	3658^ 6- 6-14	3694^ 7- 7-14	3733^ 8- 8-15
32	93.3	3605^ 6- 6-13	3716^ 7- 7-15	3753^ 8- 8-15	3791^ 8- 8-16
30	93.7	3661^ 7- 7-14	3774^ 8- 8-15	3811^ 8- 8-16	3851^ 9- 9-16
28	93.7	3723^ 7- 7-15	3840^ 9- 9-16	3878^ 9- 9-17	3918^10-10-17
26	93.8	3786^ 8- 8-16	3906^ 9- 9-17	3945^10-10-18	3986^11-11-18
24	93.6	3826^ 9- 9-17	3947^10-10-18	3986^11-11-18	4027^11-11-19
22	93.3	3844^ 9- 9-17	3963^10-10-18	4002^11-11-18	4043^11-11-19
20	93.0	3851^ 9- 9-17	3969^10-10-18	4008^11-11-19	4049^12-12-19
15	92.2	3865^ 9- 9-17	3983^11-11-18	4023^11-11-19	4065^12-12-19
10	91.4	3881^ 9- 9-17	3998^11-11-18	4037^11-11-19	4079^12-12-19
5	90.6	3895^ 9- 9-17	4012^11-11-19	4052^12-12-19	4094^12-12-20
0	89.8	3901^ 9- 9-17	4016^11-11-19	4056^12-12-19	4096^12-12-20
-5	88.9	3917^10-10-18	4031^11-11-19	4072^12-12-19	4111^12-12-20

High QNH **+30** per .10" Engine A/I ON **-2070**
Low QNH **-140** per .10" Wing A/I ON **-2070**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	5013	Length	5906	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.30
Rwy Rev.		Program						Rules	FAA		**13 Sep 23**

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GUADALAJARA -GDL 20 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **22**

OAT °C	-10T	+0	+10H
39	3402^ 3	3502^ 4	3537^ 5
38	3432^ 4	3534^ 5	3570^ 5
36	3493^ 4	3598^ 6	3634^ 6
34	3549^ 5	3658^ 6	3694^ 7
32	3605^ 6	3716^ 7	3753^ 8
30	3661^ 7	3774^ 8	3811^ 8
28	3723^ 7	3840^ 9	3878^ 9
26	3786^ 8	3906^ 9	3945^10
24	3826^ 9	3947^10	3986^11
22	3844^ 9	3963^10	4002^11
20	3851^ 9	3969^10	4008^11
15	3865^ 9	3983^11	4023^11
10	3881^ 9	3998^11	4037^11
5	3895^ 9	4012^11	4052^12

High QNH **+30** per .10"
Low QNH **-140** per .10"

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

DRY - EAI VLV INOP OPEN

Flaps **22**

OAT °C	-10T	+0	+10H
39	3397^ 3	3497^ 4	3532^ 5
38	3426^ 4	3528^ 5	3564^ 5
36	3486^ 4	3592^ 6	3628^ 6
34	3544^ 5	3653^ 6	3689^ 7
32	3600^ 6	3711^ 7	3748^ 8
30	3655^ 7	3769^ 8	3806^ 8
28	3717^ 7	3835^ 9	3874^ 9
26	3778^ 8	3901^ 9	3941^10
24	3821^ 9	3942^10	3981^11
22	3839^ 9	3959^10	3997^11
20	3845^ 9	3964^10	4003^11
15	3861^ 9	3979^10	4018^11
10	3688^ 7	3791^ 8	3827^ 9
5	3851^ 9	3965^10	4004^11

High QNH **+20** 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 **22**

OAT °C	-10T	+0	+10H
39	3356^92	3502D 1	3537D 5
38	3381^92	3534D 2	3570D 5
36	3434^92	3598D 2	3634D 5
34	3486^93	3658D 2	3694D 6
32	3535^93	3716D 3	3753D 6
30	3585^94	3774D 3	3811D 6
28	3639^94	3840D 4	3878D 7
26	3639^95	3906D 4	3945D 7
24	3656^95	3947D 4	3986D 8
22	3714^96	3963D 5	4002D 8
20	3745^96	3969D 6	4008D 9
15	3792^96	3983D 6	4023D10
10	3818^97	3998D 7	4037D11
5	3842^98	4012D 8	4052D11

High QNH **+30** per .10"
Low QNH **-140** per .10"

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

WET - EAI VLV INOP OPEN

Flaps **22**

OAT °C	-10T	+0	+10H
39	3351^92	3497D 1	3532D 4
38	3376^92	3528D 1	3564D 5
36	3428^92	3592D 2	3628D 5
34	3481^93	3653D 2	3689D 5
32	3530^93	3711D 3	3748D 6
30	3579^93	3769D 3	3806D 6
28	3634^94	3835D 3	3874D 7
26	3630^94	3901D 4	3941D 7
24	3647^95	3942D 4	3981D 8
22	3705^95	3959D 5	3997D 8
20	3737^96	3964D 5	4003D 9
15	3788^96	3979D 6	4018D10
10	3660^98	3791D 8	3827D10
5	3804^98	3965D 8	4004D11

High QNH **+20** 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			2877^89
26			2665^90
24			2651^91
22			2849^91
20			3035^90
15			3226^91
10			3334^91
5			3426^92
0		2939^91	3532^92
-5		2664^93	3476^94
-10		3186^92	3593^94
-15		3327^93	3686^95
-20		3463^94	3792^96
-25		3609^94	3857^97

High QNH **+130** per .10"
Low QNH **-560** per .10"

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

LEVEL 2 CONTAM

Flaps

OAT °C	-10T	+0	+10H

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

Engine A/I ON
Wing A/I ON

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	5013	Length	5906	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.30
Rwy Rev.		Program						Rules	FAA		**13 Sep 23**

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GUADALAJARA -GDL 29 *SPECIAL*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D5.4 GDL	D6.4 IGDL	*RT ZAP	6100	STD

*IF ZAP VOR OTS RT H340 AT D15.9 GDL RT GDL VOR HOLD STD
NOTAMS A7164/23

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
39	88.7	4125^24	4210^25	4239^26
38	88.8	4167^24	4253^26	4281^26
36	89.2	4248^25	4335^27	4363^28
34	89.5	4325^27	4412^28	4441^29
32	89.9	4401^28	4488^29	4518^30
30	90.2	4483^29	4572^31	4602^31
28	90.1	4569^30	4659^32	4689^32
26	90.0	4654^31	4744^33	4774^33
24	89.9	4697^32	4789^34	4819^34
22	89.8	4700^32	4792^34	4822^34
20	89.7	4701^32	4793^34	4824^34
15	89.0	4702^32	4795^34	4827^34
10	88.2	4701^32	4797^34	4828^34
5	87.4	4700^32	4797^34	4829^34
0	86.6	4691^32	4790^34	4822^34
-5	85.8	4685^32	4784^33	4817^34

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
39	88.7	4125D24	4210D25	4239D26	4294
38	88.8	4167D24	4253D26	4281D26	4336
36	89.2	4248D26	4335D27	4363D28	4421
34	89.5	4325D27	4412D28	4441D29	4499
32	89.9	4401D28	4488D29	4518D30	4576
30	90.2	4483D29	4572D31	4602D31	4657
28	90.1	4569D30	4659D32	4689D32	4745
26	90.0	4654D31	4744D33	4774D34	4833
24	89.9	4697D32	4789D34	4819D34	4876
22	89.8	4700D32	4792D34	4822D34	4882
20	89.7	4701D32	4793D34	4824D34	4884
15	89.0	4702D32	4795D34	4827D34	4888
10	88.2	4701D32	4797D34	4828D34	4890
5	87.4	4700D32	4797D34	4829D34	4893
0	86.6	4691D32	4790D34	4822D34	4886
-5	85.8	4685D32	4784D34	4817D34	4884

High QNH **+80** per .10" Engine A/I ON **-2980**
Low QNH **-170** per .10" Wing A/I ON **-2980**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
39	92.1	4136^24	4220^25	4248^26
38	92.2	4178^24	4263^26	4291^27
36	92.5	4260^26	4345^27	4373^28
34	92.9	4337^27	4422^28	4452^29
32	93.3	4413^28	4499^29	4527^30
30	93.7	4495^29	4583^31	4612^31
28	93.7	4582^30	4670^32	4700^32
26	93.8	4667^32	4756^33	4786^34
24	93.6	4712^32	4802^34	4832^34
22	93.3	4718^32	4808^34	4839^34
20	93.0	4719^32	4809^34	4840^34
15	92.2	4719^32	4812^34	4842^34
10	91.4	4719^32	4813^34	4844^34
5	90.6	4718^32	4813^34	4845^34
0	89.8	4709^32	4805^34	4838^34
-5	88.9	4702^32	4799^34	4832^34

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
39	92.1	4136D24	4220D26	4248D26	4294
38	92.2	4178D25	4263D26	4291D27	4336
36	92.5	4260D26	4345D27	4373D28	4421
34	92.9	4337D27	4422D28	4452D29	4499
32	93.3	4413D28	4499D30	4527D30	4576
30	93.7	4495D29	4583D31	4612D31	4657
28	93.7	4582D31	4670D32	4700D33	4745
26	93.8	4667D32	4756D33	4786D34	4833
24	93.6	4712D32	4802D34	4832D34	4876
22	93.3	4718D32	4808D34	4839D34	4882
20	93.0	4719D32	4809D34	4840D34	4884
15	92.2	4719D32	4812D34	4842D34	4888
10	91.4	4719D32	4813D34	4844D35	4890
5	90.6	4718D32	4813D34	4845D35	4893
0	89.8	4709D32	4805D34	4838D34	4886
-5	88.9	4702D32	4799D34	4832D34	4884

High QNH **+80** per .10" Engine A/I ON **-3000**
Low QNH **-170** per .10" Wing A/I ON **-3000**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
39	92.1	4262^32-32-40	4342^33-33-42	4348C33-33-42	4348C33-33-42
38	92.2	4305^32-32-41	4386^34-34-42	4391C34-34-42	4391C34-34-42
36	92.5	4389^34-34-42	4470^35-35-44	4477C35-35-44	4477C35-35-44
34	92.9	4468^35-35-44	4551^36-36-45	4557C36-36-45	4557C36-36-45
32	93.3	4547^36-36-45	4631^38-38-46	4634C38-38-46	4634C38-38-46
30	93.7	4633^37-37-46	4712C39-39-47	4712C39-39-47	4712C39-39-47
28	93.7	4721^39-39-48	4801C40-40-49	4801C40-40-49	4801C40-40-49
26	93.8	4809^40-40-49	4891C41-41-50	4891C41-41-50	4891C41-41-50
24	93.6	4856^40-40-50	4938C42-42-51	4938C42-42-51	4938C42-42-51
22	93.3	4863^41-41-50	4942C42-42-51	4942C42-42-51	4942C42-42-51
20	93.0	4864^41-41-50	4944C42-42-51	4944C42-42-51	4944C42-42-51
15	92.2	4865^41-41-50	4950C42-42-51	4950C42-42-51	4950C42-42-51
10	91.4	4865^41-41-50	4952C42-42-51	4952C42-42-51	4952C42-42-51
5	90.6	4864^41-41-50	4956^42-42-51	4957C42-42-51	4957C42-42-51
0	89.8	4855^40-40-50	4944C42-42-51	4944C42-42-51	4944C42-42-51
-5	88.9	4847^40-40-49	4942^42-42-51	4948C42-42-51	4948C42-42-51

High QNH **+10** per .10" Engine A/I ON **-3050**
Low QNH **-180** per .10" Wing A/I ON **-3050**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 5013 Length 13123 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **13 Sep 23**

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GUADALAJARA -GDL 29 *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	Flaps -10T	+0	+10H
39	4136^24	4220^25	4248^26	4131^24	4215^25	4243^26			
38	4178^24	4263^26	4291^27	4173^24	4257^26	4286^26			
36	4260^26	4345^27	4373^28	4255^26	4340^27	4368^28			
34	4337^27	4422^28	4452^29	4332^27	4418^28	4447^29			
32	4413^28	4499^29	4527^30	4409^28	4494^29	4523^30			
30	4495^29	4583^31	4612^31	4491^29	4579^31	4608^31			
28	4582^30	4670^32	4700^32	4577^30	4666^32	4695^32			
26	4667^32	4756^33	4786^34	4662^32	4752^33	4782^34			
24	4712^32	4802^34	4832^34	4709^32	4799^34	4829^34			
22	4718^32	4808^34	4839^34	4715^32	4805^34	4836^34			
20	4719^32	4809^34	4840^34	4715^32	4806^34	4837^34			
15	4719^32	4812^34	4842^34	4716^32	4808^34	4839^34			
10	4719^32	4813^34	4844^34	4420^28	4512^30	4543^30			
5	4718^32	4813^34	4845^34	4641^31	4736^33	4768^33			
	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 **-3000** Wing A/I ON **-3000**			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
39	4136D24	4220D26	4248D26	4131D24	4215D25	4243D26			
38	4178D25	4263D26	4291D27	4173D25	4257D26	4286D27			
36	4260D26	4345D27	4373D28	4255D26	4340D27	4368D28			
34	4337D27	4422D28	4452D29	4332D27	4418D28	4447D29			
32	4413D28	4499D30	4527D30	4409D28	4494D30	4523D30			
30	4495D29	4583D31	4612D31	4491D29	4579D31	4608D31			
28	4582D31	4670D32	4700D33	4577D30	4666D32	4695D32			
26	4667D32	4756D33	4786D34	4662D32	4752D33	4782D34			
24	4712D32	4802D34	4832D34	4709D32	4799D34	4829D34			
22	4718D32	4808D34	4839D34	4715D32	4805D34	4836D34			
20	4719D32	4809D34	4840D34	4715D32	4806D34	4837D34			
15	4719D32	4812D34	4842D34	4716D32	4808D34	4839D34			
10	4719D32	4813D34	4844D35	4420D28	4512D30	4543D30			
5	4718D32	4813D34	4845D35	4641D31	4736D33	4768D33			
	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 **-3000** Wing A/I ON **-3000**			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	4487^12	4634^21	4670^24	4296^15	4490^23	4562^26			
26	4559^12	4717^22	4753^25	4366^16	4562^24	4633^26			
24	4604^13	4763^22	4800^25	4417^16	4617^24	4689^27			
22	4628^14	4772^23	4810^26	4451^17	4655^25	4729^28			
20	4638^14	4775^24	4812^27	4461^18	4667^26	4741^28			
15	4661^15	4780^25	4818^28	4487^19	4695^27	4770^29			
10	4671^16	4785^26	4823^29	4511^20	4722^28	4791^30			
5	4673^17	4789^27	4828^31	4537^21	4754^29	4799^32			
0	4667^19	4785^29	4826^32	4555^22	4754^30	4802^33			
-5	4664^20	4784^30	4825^33	4582^23	4757^31	4805^34			
-10	4666^21	4787^32	4826^34	4607^24	4766^32	4805^34			
-15	4666^23	4789^33	4825^34	4629^25	4769^33	4803^34			
-20	4663^24	4786^33	4821^34	4630^26	4764^33	4799^34			
-25	4659^26	4780^33	4815^34	4629^27	4759^33	4794^34			
	High QNH **+80** per .10" Low QNH **-170** per .10"			High QNH **+60** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-2810** Wing A/I ON **-2810**			Engine A/I ON **-2330** Wing A/I ON **-2330**			Engine A/I ON Wing A/I ON		

Elevation 5013 Length 13123 Shift **0** Clearway 0 Stopway 0 Slope +0.00

Rwy Rev. Program Rules FAA **13 Sep 23**

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HERMOSILLO -HMO 05 *SPECIAL*

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	4010^20	4157^23	4209^24	3982^ 9	4157D19	4209D23	4616
46	87.8	4089^21	4239^24	4292^25	4056^10	4239D20	4292D23	4729
44	87.9	4152^22	4304^25	4359^26	4116^10	4304D20	4359D24	4832
42	87.8	4200^23	4356^26	4411^27	4161^11	4356D21	4411D24	4936
40	87.7	4233^23	4389^26	4445^27	4193^11	4389D21	4445D24	4957
38	87.4	4241^23	4397^26	4453^27	4203^11	4397D22	4453D25	4960
36	87.1	4248^24	4406^27	4461^28	4212^12	4406D22	4461D25	4962
34	86.9	4256^24	4414^27	4470^28	4221^12	4414D22	4470D25	4964
32	86.6	4264^24	4422^27	4478^28	4230^12	4422D23	4478D26	4966
30	86.3	4271^24	4429^27	4486^28	4240^13	4429D23	4486D26	4968
28	86.0	4280^24	4438^27	4494^28	4249^13	4438D23	4494D27	4970
26	85.7	4288^24	4446^27	4503^28	4259^13	4446D24	4503D27	4971
24	85.5	4295^24	4454^27	4511^28	4268^14	4454D24	4511D27	4973
22	85.2	4303^25	4462^28	4519^29	4277^14	4462D24	4519D28	4975
20	84.9	4311^25	4471^28	4528^29	4286^15	4471D25	4528D28	4976
10	83.4	4343^25	4504^28	4560^29	4329^17	4504D27	4560D30	4970

High QNH **+30** per .10" — Engine A/I ON **-540**
Low QNH **-150** per .10" — Wing A/I ON **-540**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.7	4058^21	4203^24	4253^25	4025^11	4203D21	4253D24	4616
46	91.0	4140^22	4288^25	4341^26	4102^11	4288D22	4341D25	4729
44	91.1	4207^23	4359^26	4412^27	4164^12	4359D22	4412D25	4832
42	91.0	4262^24	4416^27	4471^28	4215^12	4416D23	4471D26	4936
40	90.9	4300^25	4454^27	4509^28	4251^13	4454D23	4509D26	4957
38	90.6	4314^25	4468^28	4523^29	4266^13	4468D24	4523D27	4960
36	90.4	4321^25	4476^28	4530^29	4276^14	4476D24	4530D27	4962
34	90.1	4328^25	4483^28	4538^29	4285^14	4483D24	4538D28	4964
32	89.8	4336^25	4491^28	4545^29	4294^14	4491D25	4545D28	4966
30	89.5	4344^25	4499^28	4553^29	4304^15	4499D25	4553D29	4968
28	89.2	4351^25	4506^28	4561^29	4313^15	4506D26	4561D29	4970
26	88.9	4359^26	4514^28	4569^29	4323^16	4514D26	4569D29	4971
24	88.6	4366^26	4522^29	4576^30	4332^16	4522D26	4576D30	4973
22	88.3	4373^26	4530^29	4584^30	4342^16	4530D27	4584D30	4975
20	88.0	4381^26	4538^29	4592^30	4352^17	4538D27	4592D31	4976
10	86.5	4411^27	4569^29	4623^30	4394^19	4569D29	4623D31	4970

High QNH **+30** per .10" — Engine A/I ON **-580**
Low QNH **-160** per .10" — Wing A/I ON **-580**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.7	4058^21-21-32	4203^24-24-34	4253^25-25-35	4304^26-26-36
46	91.0	4140^22-22-33	4288^25-25-35	4341^26-26-36	4393^27-27-37
44	91.1	4207^23-23-34	4359^26-26-36	4412^27-27-37	4466^28-28-38
42	91.0	4262^24-24-35	4416^27-27-37	4471^28-28-38	4525^29-29-39
40	90.9	4300^25-25-36	4454^27-27-38	4509^28-28-39	4563^29-29-39
38	90.6	4314^25-25-36	4468^28-28-38	4523^29-29-39	4577^30-30-40
36	90.4	4321^25-25-36	4476^28-28-38	4530^29-29-39	4585^30-30-40
34	90.1	4328^25-25-36	4483^28-28-38	4538^29-29-39	4593^30-30-40
32	89.8	4336^25-25-36	4491^28-28-38	4545^29-29-39	4600^30-30-40
30	89.5	4344^25-25-36	4499^28-28-39	4553^29-29-39	4608^30-30-40
28	89.2	4351^25-25-36	4506^28-28-39	4561^29-29-39	4616^30-30-40
26	88.9	4359^26-26-36	4514^28-28-39	4569^29-29-40	4624^30-30-40
24	88.6	4366^26-26-37	4522^29-29-39	4576^30-30-40	4632^31-31-40
22	88.3	4373^26-26-37	4530^29-29-39	4584^30-30-40	4640^31-31-41
20	88.0	4381^26-26-37	4538^29-29-39	4592^30-30-40	4647^31-31-41
10	86.5	4411^27-27-37	4569^29-29-40	4623^30-30-40	4678^31-31-41

High QNH **+30** per .10" — Engine A/I ON **-580**
Low QNH **-160** per .10" — Wing A/I ON **-580**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	604	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.30
Rwy Rev.		Program						Rules	FAA		**23 Jun 23**

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HERMOSILLO -HMO 05 *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	 Flaps -10T / +0 / +10H
48	4058^21 4203^24 4253^25	4051^21 4197^24 4247^25	
46	4140^22 4288^25 4341^26	4133^22 4281^25 4334^26	
44	4207^23 4359^26 4412^27	4201^23 4352^26 4404^27	
42	4262^24 4416^27 4471^28	4255^24 4409^27 4463^28	
40	4300^25 4454^27 4509^28	4293^24 4447^27 4501^28	
38	4314^25 4468^28 4523^29	4307^25 4461^28 4516^29	
36	4321^25 4476^28 4530^29	4315^25 4470^28 4524^29	
34	4328^25 4483^28 4538^29	4322^25 4478^28 4532^29	
32	4336^25 4491^28 4545^29	4329^25 4485^28 4540^29	
30	4344^25 4499^28 4553^29	4337^25 4493^28 4547^29	
28	4351^25 4506^28 4561^29	4344^25 4501^28 4555^29	
26	4359^26 4514^28 4569^29	4352^26 4509^28 4562^29	
24	4366^26 4522^29 4576^30	4360^26 4516^29 4570^29	
10	4411^27 4569^29 4623^30	4356^26 4510^29 4562^30	
	High QNH **+30** 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 **-580** Wing A/I ON **-580**	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	4025^11 4203D21 4253D24	4020^11 4197D21 4247D24	
46	4102^11 4288D22 4341D25	4095^11 4281D21 4334D25	
44	4164^12 4359D22 4412D25	4158^12 4352D22 4404D25	
42	4215^12 4416D23 4471D26	4209^12 4409D23 4463D26	
40	4251^13 4454D23 4509D26	4246^13 4447D23 4501D26	
38	4266^13 4468D24 4523D27	4261^13 4461D24 4516D27	
36	4276^14 4476D24 4530D27	4270^14 4470D24 4524D27	
34	4285^14 4483D24 4538D28	4279^14 4478D24 4532D28	
32	4294^14 4491D25 4545D28	4289^14 4485D25 4540D28	
30	4304^15 4499D25 4553D29	4298^15 4493D25 4547D28	
28	4313^15 4506D26 4561D29	4308^15 4501D25 4555D29	
26	4323^16 4514D26 4569D29	4317^15 4509D26 4562D29	
24	4332^16 4522D26 4576D30	4327^16 4516D26 4570D30	
10	4394^19 4569D29 4623D31	4345^19 4510D29 4562D31	
	High QNH **+30** 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 **-580** Wing A/I ON **-580**	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	4054F 3 4146F 6	3113F 0 3693F 7 3897F 9	
26	4066F 3 4158F 7	3130F 0 3710F 7 3917F10	
24	4077F 4 4168F 7	3147F 1 3731F 8 3935F10	
22	4088F 4 4181F 7	3163F 1 3748F 8 3959F10	
20	4100F 4 4194F 8	3180F 1 3770F 8 3981F10	
15	2649F 0 4129F 5 4225F 9	3226F 2 3831F 9 4029F11	
10	3171F99 4156F 6 4254F10	3277F 2 3896F 9 4075F12	
5	3595F98 4188F 7 4285^11	3330F 3 3952F10 4125F12	
0	3938^98 4222F 8 4315^12	3388F 4 4008F11 4177F13	
-5	3937F99 4255F 9 4344^13	3454F 4 4056F11 4229F14	
-10	4002^ 1 4288F10 4372^14	3537F 5 4105F12 4277^15	
-15	4031^ 2 4315^11 4399^15	3592F 5 4155F13 4273^15	
-20	4063^ 3 4344^13 4430^16	3637F 6 4210F14 4271^15	
-25	4097^ 4 4373^14 4460^17	3682F 7 4221^14 4268^15	
	High QNH **+50** per .10" Low QNH **-60** per .10"	High QNH **+0** per .10" Low QNH **-120** per .10"	High QNH per .10" Low QNH per .10"
	Engine A/I ON **-460** Wing A/I ON **-460**	Engine A/I ON **-610** Wing A/I ON **-610**	Engine A/I ON Wing A/I ON

Elevation	604	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.30
Rwy Rev.		Program						Rules	FAA		**23 Jun 23**

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HERMOSILLO -HMO 23 *DT H230*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1627		DT H230	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	4072^21	4221^24	4277^25	4031^ 9	4221D19	4277D22	4612
46	87.8	4150^23	4300^25	4358^26	4104^ 9	4300D19	4358D23	4725
44	87.9	4213^23	4367^26	4423^27	4163^10	4367D20	4423D23	4829
42	87.8	4263^24	4419^27	4475^28	4210^10	4419D20	4475D24	4935
40	87.7	4296^25	4454^27	4509^28	4243^10	4454^21	4509D24	4957
38	87.4	4305^25	4463^28	4519^29	4253^11	4463D21	4519D24	4960
36	87.2	4314^25	4472^28	4529^29	4263^11	4472D21	4529D25	4962
34	86.9	4323^25	4480^28	4539^29	4273^11	4480D22	4539D25	4964
32	86.6	4331^25	4488^28	4548^29	4283^12	4488D22	4548D25	4966
30	86.3	4340^25	4497^28	4559^29	4293^12	4497D23	4559D26	4968
28	86.0	4348^25	4507^28	4568^29	4303^12	4507D23	4568D26	4970
26	85.8	4356^26	4516^28	4578^30	4313^13	4516D23	4578D26	4971
24	85.5	4365^26	4526^29	4589^30	4323^13	4526D24	4589D27	4973
22	85.2	4374^26	4536^29	4598^30	4334^14	4536D24	4598D27	4974
20	84.9	4382^26	4546^29	4609^30	4344^14	4546D24	4609D28	4976
10	83.4	4420^27	4589^30	4652^31	4390^16	4589D26	4652D30	4970

High QNH **+40** per .10" — Engine A/I ON **-500**
Low QNH **-150** per .10" — Wing A/I ON **-500**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.7	4128^23	4280^25	4337^26	4078^10	4280D20	4337D24	4612
46	91.0	4210^24	4362^26	4421^28	4153^10	4362D21	4421D24	4725
44	91.2	4278^25	4432^27	4491^28	4216^11	4432D21	4491D25	4829
42	91.1	4335^25	4491^28	4550^29	4267^12	4487^22	4550D25	4935
40	91.0	4374^26	4530^29	4590^30	4305^12	4526^23	4590D26	4957
38	90.7	4390^26	4548^29	4608^30	4321^13	4546^23	4608D26	4960
36	90.4	4398^26	4557^29	4618^30	4332^13	4557^23	4618D27	4962
34	90.1	4406^27	4567^29	4627^31	4341^13	4567D24	4627D27	4964
32	89.8	4414^27	4577^30	4638^31	4352^14	4577D24	4638D27	4966
30	89.6	4423^27	4586^30	4647^31	4362^14	4586D25	4647D28	4968
28	89.2	4430^27	4596^30	4657^31	4372^14	4596D25	4657D28	4970
26	88.9	4438^27	4605^30	4667^31	4383^15	4605D25	4667D29	4971
24	88.6	4447^27	4615^30	4676^31	4393^15	4615D26	4676D29	4973
22	88.3	4456^27	4624^30	4686^31	4403^15	4624D26	4686D29	4974
20	88.0	4464^28	4634^31	4696^32	4414^16	4634D26	4696D30	4976
10	86.5	4499^28	4676^31	4738^32	4461^18	4676D28	4738D32	4970

High QNH **+40** per .10" — Engine A/I ON **-530**
Low QNH **-160** per .10" — Wing A/I ON **-530**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.7	4128^23-23-33	4280^25-25-35	4337^26-26-36	4395^27-27-37
46	91.0	4210^24-24-34	4362^26-26-36	4421^28-28-37	4480^29-29-38
44	91.2	4278^25-25-35	4432^27-27-38	4491^28-28-38	4552^30-30-39
42	91.1	4335^25-25-36	4491^28-28-38	4550^29-29-39	4612^30-30-40
40	91.0	4374^26-26-37	4530^29-29-39	4590^30-30-40	4653^31-31-41
38	90.7	4390^26-26-37	4548^29-29-39	4608^30-30-40	4671^31-31-41
36	90.4	4398^26-26-37	4557^29-29-39	4618^30-30-40	4681^31-31-41
34	90.1	4406^27-27-37	4567^29-29-40	4627^31-31-40	4690^32-32-41
32	89.8	4414^27-27-37	4577^30-30-40	4638^31-31-41	4700^32-32-41
30	89.6	4423^27-27-37	4586^30-30-40	4647^31-31-41	4710^32-32-42
28	89.2	4430^27-27-37	4596^30-30-40	4657^31-31-41	4720^32-32-42
26	88.9	4438^27-27-38	4605^30-30-40	4667^31-31-41	4730^32-32-42
24	88.6	4447^27-27-38	4615^30-30-40	4676^31-31-41	4740^32-32-42
22	88.3	4456^27-27-38	4624^30-30-40	4686^31-31-41	4750^33-33-42
20	88.0	4464^28-28-38	4634^31-31-40	4696^32-32-41	4759^33-33-42
10	86.5	4499^28-28-39	4676^31-31-41	4738^32-32-42	4801^33-33-43

High QNH **+40** per .10" — Engine A/I ON **-530**
Low QNH **-160** per .10" — Wing A/I ON **-530**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	627	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.30
Rwy Rev.		Program						Rules	FAA		**23 Jun 23**

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HERMOSILLO -HMO 23 *DT H230*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4128^23	4280^25	4337^26
46	4210^24	4362^26	4421^28
44	4278^25	4432^27	4491^28
42	4335^25	4491^28	4550^29
40	4374^26	4530^29	4590^30
38	4390^26	4548^29	4608^30
36	4398^26	4557^29	4618^30
34	4406^27	4567^29	4627^31
32	4414^27	4577^30	4638^31
30	4423^27	4586^30	4647^31
28	4430^27	4596^30	4657^31
26	4438^27	4605^30	4667^31
24	4447^27	4615^30	4676^31
10	4499^28	4676^31	4738^32

High QNH	**+40**	per .10"
Low QNH	**-160**	per .10"
Engine A/I ON	**-530**	
Wing A/I ON	**-530**	

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4121^22	4273^25	4330^26
46	4203^24	4354^26	4412^27
44	4271^24	4424^27	4483^28
42	4328^25	4482^28	4542^29
40	4367^26	4522^29	4583^30
38	4383^26	4541^29	4601^30
36	4391^26	4550^29	4611^30
34	4400^26	4560^29	4621^30
32	4408^27	4570^29	4631^31
30	4415^27	4579^30	4640^31
28	4423^27	4589^30	4649^31
26	4432^27	4598^30	4660^31
24	4440^27	4607^30	4669^31
10	4448^28	4622^31	4683^32

High QNH	**+40**	per .10"
Low QNH	**-150**	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	4078^10	4280D20	4337D24
46	4153^10	4362D21	4421D24
44	4216^11	4432D21	4491D25
42	4267^12	4487^22	4550D25
40	4305^12	4526^23	4590D26
38	4321^13	4546^23	4608D26
36	4332^13	4557^23	4618D27
34	4341^13	4567D24	4627D27
32	4352^14	4577D24	4638D27
30	4362^14	4586D25	4647D28
28	4372^14	4596D25	4657D28
26	4383^15	4605D25	4667D29
24	4393^15	4615D26	4676D29
10	4461^18	4676D28	4738D32

High QNH	**+40**	per .10"
Low QNH	**-160**	per .10"
Engine A/I ON	**-530**	
Wing A/I ON	**-530**	

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4072^10	4273D20	4330D23
46	4147^10	4354D21	4412D24
44	4210^11	4424D21	4483D25
42	4262^11	4480^22	4542D25
40	4299^12	4519^22	4583D26
38	4316^12	4539^23	4601D26
36	4326^13	4550D23	4611D27
34	4336^13	4560D24	4621D27
32	4346^14	4570D24	4631D27
30	4356^14	4579D24	4640D28
28	4366^14	4589D25	4649D28
26	4377^15	4598D25	4660D28
24	4387^15	4607D26	4669D29
10	4414^18	4622D28	4683D32

High QNH	**+40**	per .10"
Low QNH	**-150**	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		4101F 1	4194F 4
26		4113F 1	4206F 5
24		4126F 2	4219F 5
22		4138F 2	4231F 5
20		4149F 2	4241^ 6
15		4179F 3	4268^ 7
10		4205F 4	4290^ 8
5		4238F 5	4321^ 9
0	2953F99	4272F 6	4351^10
-5	2653F 2	4299^ 7	4382^11
-10	3340F 0	4328^ 9	4410^12
-15	4067F 0	4355^10	4438^13
-20	4115F 0	4384^11	4468^14
-25	4146F 1	4414^12	4499^16

High QNH	**+50**	per .10"
Low QNH	**-60**	per .10"
Engine A/I ON	**-480**	
Wing A/I ON	**-480**	

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3168F98	3750F 6	3922^ 8
26	3186F98	3769F 6	3937^ 8
24	3203F99	3791F 6	3954^ 9
22	3222F99	3811F 6	3969^ 9
20	3240F99	3837F 7	3986^ 9
15	3289F 0	3882F 7	4023^10
10	3346F 0	3922^ 8	4059^11
5	3409F 1	3964^ 9	4100^12
0	3477F 2	4007^10	4148F13
-5	3553F 2	4046^10	4198F13
-10	3604F 3	4085^11	4251F14
-15	3644F 4	4125F12	4278^15
-20	3691F 4	4175F13	4275^15
-25	3743F 5	4225^14	4272^15

High QNH	**+10**	per .10"
Low QNH	**-110**	per .10"
Engine A/I ON	**-600**	
Wing A/I ON	**-600**	

Flaps -10T +0 +10H

High QNH		per .10"
Low QNH		per .10"
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		**23 Jun 23**

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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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4272^25	4430^28	4483^29	4239^15	4430D25	4483D28	4715
46	90.9	4359^26	4520^29	4576^30	4319^16	4520D26	4576D29	4834
44	90.8	4416^27	4580^30	4636^31	4373^16	4580D26	4636D30	4895
42	90.5	4449^27	4613^30	4669^31	4404^17	4613D27	4669D30	4946
40	90.3	4464^28	4629^31	4685^32	4420^17	4629D27	4685D31	4959
38	90.0	4472^28	4638^31	4694^32	4430^18	4638D28	4694D31	4961
36	89.7	4480^28	4646^31	4702^32	4440^18	4646D28	4702D32	4962
34	89.4	4489^28	4654^31	4710^32	4451^18	4654D29	4710D32	4964
32	89.2	4497^28	4662^31	4719^32	4461^19	4662D29	4719D32	4966
30	88.9	4505^28	4670^31	4727^32	4472^19	4670D29	4727D33	4968
20	87.4	4547^29	4713^32	4770^33	4525^21	4713D31	4770D34	4976
10	85.9	4584^30	4749^33	4806^34	4574^23	4749D33	4806D35	4972
0	84.3	4628^30	4793^33	4850^34	4628D25	4793D34	4850D35	4984
-10	82.8	4667^31	4833^34	4890^35	4667D27	4833D35	4890D36	4987
-20	81.2	4702^32	4868^35	4925^35	4702D29	4868D35	4925D36	4985
-30	79.6	4736^32	4893^35	4936^36	4736D32	4893D35	4936D36	4983

High QNH **+0** per .10" Engine A/I ON **-730**
Low QNH **-160** per .10" Wing A/I ON **-730**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4272^25-25-35	4430^28-28-37	4483^29-29-38	4538^30-30-39
46	90.9	4359^26-26-36	4520^29-29-39	4576^30-30-40	4632^31-31-40
44	90.8	4416^27-27-37	4580^30-30-40	4636^31-31-41	4694^32-32-41
42	90.5	4449^27-27-38	4613^30-30-40	4669^31-31-41	4726^32-32-42
40	90.3	4464^28-28-38	4629^31-31-40	4685^32-32-41	4742^32-32-42
38	90.0	4472^28-28-38	4638^31-31-41	4694^32-32-41	4751^33-33-42
36	89.7	4480^28-28-38	4646^31-31-41	4702^32-32-41	4759^33-33-42
34	89.4	4489^28-28-38	4654^31-31-41	4710^32-32-42	4767^33-33-42
32	89.2	4497^28-28-38	4662^31-31-41	4719^32-32-42	4776^33-33-43
30	88.9	4505^28-28-39	4670^31-31-41	4727^32-32-42	4785^33-33-43
20	87.4	4547^29-29-39	4713^32-32-42	4770^33-33-42	4828^34-34-43
10	85.9	4584^30-30-40	4749^33-33-42	4806^34-34-43	4864^35-35-44
0	84.3	4628^30-30-40	4793^33-33-43	4850^34-34-44	4909^35-35-44
-10	82.8	4667^31-31-41	4833^34-34-43	4890^35-35-44	4949^36-36-45
-20	81.2	4702^32-32-41	4868^35-35-44	4925^35-35-45	4983^36-36-46
-30	79.6	4736^32-32-42	4893^35-35-44	4936^36-36-45	4979^36-36-45

High QNH **+0** per .10" Engine A/I ON **-730**
Low QNH **-160** per .10" Wing A/I ON **-730**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	69	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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LA PAZ/MEXICO -LAP 18 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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	4272^25	4430^28	4483^29	4265^25	4423^28	4476^29			
46	4359^26	4520^29	4576^30	4351^26	4513^29	4568^30			
44	4416^27	4580^30	4636^31	4409^27	4572^30	4629^31			
42	4449^27	4613^30	4669^31	4440^27	4604^30	4661^31			
40	4464^28	4629^31	4685^32	4456^27	4622^30	4678^31			
38	4472^28	4638^31	4694^32	4465^28	4630^31	4687^32			
36	4480^28	4646^31	4702^32	4474^28	4639^31	4695^32			
34	4489^28	4654^31	4710^32	4481^28	4647^31	4703^32			
32	4497^28	4662^31	4719^32	4490^28	4655^31	4712^32			
30	4505^28	4670^31	4727^32	4498^28	4664^31	4720^32			
20	4547^29	4713^32	4770^33	4541^29	4706^32	4763^33			
10	4584^30	4749^33	4806^34	4529^29	4690^32	4745^33			
0	4628^30	4793^33	4850^34	4574^30	4734^33	4790^33			
-10	4667^31	4833^34	4890^35	4607^30	4767^33	4823^34			
	High QNH **+60** per .10" Low QNH **-160** per .10"			High QNH **+60** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-630** Wing A/I ON **-630**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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	4239^15	4430D25	4483D28	4232^15	4423D25	4476D28			
46	4319^16	4520D26	4576D29	4312^16	4513D26	4568D29			
44	4373^16	4580D26	4636D30	4366^16	4572D26	4629D29			
42	4404^17	4613D27	4669D30	4397^17	4604D27	4661D30			
40	4420^17	4629D27	4685D31	4413^17	4622D27	4678D31			
38	4430^18	4638D28	4694D31	4425^18	4630D28	4687D31			
36	4440^18	4646D28	4702D32	4434^18	4639D28	4695D31			
34	4451^18	4654D29	4710D32	4445^18	4647D28	4703D32			
32	4461^19	4662D29	4719D32	4455^19	4655D29	4712D32			
30	4472^19	4670D29	4727D33	4466^19	4664D29	4720D33			
20	4525^21	4713D31	4770D34	4519^21	4706D31	4763D34			
10	4574^23	4749D33	4806D35	4526^23	4690D33	4745D34			
0	4628D25	4793D34	4850D35	4574D25	4734D34	4790D35			
-10	4667D27	4833D35	4890D36	4607D27	4767D34	4823D35			
	High QNH **+60** per .10" Low QNH **-160** per .10"			High QNH **+60** per .10" Low QNH **-160** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-630** Wing A/I ON **-630**			Engine A/I ON **+0** Wing A/I ON **+0**			Engine A/I ON Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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	3499F98	4240^ 6	4311^10	3503F 2	3951F10	4118F12			
26	3668F98	4250^ 7	4321^10	3524F 2	3971F10	4138F13			
24	3806F98	4260^ 7	4332^11	3542F 2	3989F10	4156F13			
22	3911F98	4271^ 8	4343^11	3562F 3	4010F11	4177F13			
20	4024F98	4281^ 8	4353^11	3578F 3	4025F11	4194F13			
18	4034F98	4290^ 8	4364^12	3586F 3	4045F11	4213F14			
16	4045F98	4300^ 9	4375^12	3595F 3	4066F12	4233F14			
14	4056F99	4310^ 9	4386^13	3606F 4	4081F12	4254F14			
12	4067F99	4319^10	4398^13	3620F 4	4103F12	4275F15			
10	4075F99	4329^10	4408^14	3635F 4	4125F12	4275F15			
0	4137F 1	4388^12	4472^16	3711F 6	4224F14	4285^15			
-10	4193F 3	4448^14	4535^18	3802F 7	4237^14	4282^15			
-20	4254F 5	4508^17	4598^20	3902F 9	4231^14	4277^15			
-30	4316F 8	4569^19	4662^23	4004F11	4221^14	4269^15			
	High QNH **+70** per .10" Low QNH **-60** per .10"			High QNH **+10** per .10" Low QNH **-90** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-500** Wing A/I ON **-500**			Engine A/I ON **-710** Wing A/I ON **-710**			Engine A/I ON Wing A/I ON		

Elevation	69	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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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**

		ALT TO-1 - DRY RWY			ALT TO-1 - WET RWY			
		Flaps **9**			Flaps **9**			
OAT °C	**N1%**	**-10T**	**+0**	**+10H**	**-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**

		TO-1 - DRY RWY			TO-1 - WET RWY			
		Flaps **9**			Flaps **9**			
OAT °C	**N1%**	**-10T**	**+0**	**+10H**	**-10T**	**+0**	**+10H**	**Dry Rwy Climb Limit**
48	90.8	4431F28	4639^31	4671^32	4327F15	4632F24	4671^28	4715
46	90.9	4512F29	4753^33	4786^34	4401F15	4711F25	4784^28	4834
44	90.8	4572F30	4832F34	4874^35	4456F16	4770F25	4870^28	4895
42	90.5	4615F30	4875F35	4932^36	4492F16	4811F26	4920F29	4946
40	90.3	4632F31	4893F35	4941^36	4510F17	4830F26	4937^30	4959
38	90.0	4645F31	4907F35	4944^36	4524F17	4845F27	4941^30	4961
36	89.7	4656F31	4911^35	4945^36	4537F18	4859F27	4943^30	4962
34	89.4	4667F31	4912^35	4947^36	4550F18	4874F28	4945^31	4964
32	89.2	4679F31	4913^35	4948^36	4563F18	4888F28	4947^31	4966
30	88.9	4690F32	4914^35	4949^36	4577F19	4903F28	4949^32	4968
20	87.4	4749F33	4918^35	4955^36	4644F20	4916^30	4955D34	4976
10	85.9	4797^33	4910^35	4948^36	4713F22	4910D33	4948D36	4972
0	84.3	4798^33	4914^35	4953^36	4788F24	4914D35	4953D36	4984
-10	82.8	4791^33	4911^35	4952^36	4789^27	4911D35	4952D36	4987
-20	81.2	4780^33	4903^35	4945^36	4780D29	4903D35	4945D36	4985
-30	79.6	4765^33	4893^35	4936^36	4765D32	4893D35	4936D36	4983

High QNH **+0** per .10" — Engine A/I ON **-860**
Low QNH **-170** per .10" — Wing A/I ON **-860**

A/C **AUTO**

		TO-1 - DRY RWY - OPT V2			
		Flaps **9**			
OAT °C	**N1%**	**-10T**	**+0**	**+10H**	**+20H**
48	90.8	4431F28-28-38	4639^31-31-41	4671^32-32-41	4704^33-33-42
46	90.9	4512F29-29-39	4753^33-33-42	4786^34-34-43	4819^34-34-43
44	90.8	4572F30-30-40	4832F34-34-43	4874^35-35-44	4895C35-35-44
42	90.5	4615F30-30-40	4875F35-35-44	4932^36-36-45	4946C36-36-45
40	90.3	4632F31-31-40	4893F35-35-44	4941^36-36-45	4959C36-36-45
38	90.0	4645F31-31-41	4907F35-35-44	4944^36-36-45	4961C36-36-45
36	89.7	4656F31-31-41	4911^35-35-44	4945^36-36-45	4962C36-36-45
34	89.4	4667F31-31-41	4912^35-35-45	4947^36-36-45	4964C36-36-45
32	89.2	4679F31-31-41	4913^35-35-45	4948^36-36-45	4966C36-36-45
30	88.9	4690F32-32-41	4914^35-35-45	4949^36-36-45	4968C36-36-45
20	87.4	4749F33-33-42	4918^35-35-45	4955^36-36-45	4990C43-43-51
10	85.9	4797^33-33-43	4910^35-35-44	4986C42-42-51	4986C42-42-51
0	84.3	4798^33-33-43	4978F42-42-51	4998C43-43-52	4998C43-43-52
-10	82.8	4791^33-33-43	5003C43-43-52	5003C43-43-52	5003C43-43-52
-20	81.2	4828F40-40-49	5000C43-43-52	5000C43-43-52	5000C43-43-52
-30	79.6	4891F41-41-50	4996C43-43-52	4996C43-43-52	4996C43-43-52

High QNH **+0** per .10" — Engine A/I ON **-890**
Low QNH **-170** per .10" — Wing A/I ON **-890**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	69	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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LA PAZ/MEXICO -LAP 36 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4431F28	4639^31	4671^32
46	4512F29	4753^33	4786^34
44	4572F30	4832F34	4874^35
42	4615F30	4875F35	4932^36
40	4632F31	4893F35	4941^36
38	4645F31	4907F35	4944^36
36	4656F31	4911^35	4945^36
34	4667F31	4912^35	4947^36
32	4679F31	4913^35	4948^36
30	4690F32	4914^35	4949^36
20	4749F33	4918^35	4955^36
10	4797^33	4910^35	4948^36
0	4798^33	4914^35	4953^36
-10	4791^33	4911^35	4952^36

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

Engine A/I ON **-860**
Wing A/I ON **-860**

DRY - EAI VLV INOP OPEN

Flaps **9**

-10T	+0	+10H
4421F28	4633^31	4666^32
4501F29	4747^33	4780^33
4560F29	4820F34	4869^35
4604F30	4863F35	4927^36
4621F30	4882F35	4936^36
4634F31	4896F35	4940^36
4646F31	4907^35	4942^36
4657F31	4908^35	4942^36
4668F31	4908^35	4944^36
4680F31	4909^35	4945^36
4739F32	4913^35	4950^36
4714^32	4825^34	4862^35
4713^32	4828^34	4866^35
4705^32	4824^34	4864^35

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

Flaps **9**

OAT °C	-10T	+0	+10H
48	4327F15	4632F24	4671^28
46	4401F15	4711F25	4784^28
44	4456F16	4770F25	4870^28
42	4492F16	4811F26	4920F29
40	4510F17	4830F26	4937^30
38	4524F17	4845F27	4941^30
36	4537F18	4859F27	4943^30
34	4550F18	4874F28	4945^31
32	4563F18	4888F28	4947^31
30	4577F19	4903F28	4949^32
20	4644F20	4916^30	4955D34
10	4713F22	4910D33	4948D36
0	4788F24	4914D35	4953D36
-10	4789^27	4911D35	4952D36

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

Engine A/I ON **-860**
Wing A/I ON **-860**

WET - EAI VLV INOP OPEN

Flaps **9**

-10T	+0	+10H
4320F15	4623F24	4666^27
4393F15	4701F25	4778^28
4448F16	4761F25	4865^28
4484F16	4801F26	4912F29
4502F17	4821F26	4930F29
4516F17	4836F27	4937^30
4529F17	4850F27	4939^30
4542F18	4865F27	4941^31
4555F18	4879F28	4943^31
4569F18	4894F28	4944^32
4636F20	4912^30	4950D34
4672F22	4825D33	4862D35
4708^24	4828D34	4866D35
4705^27	4824D34	4864D35

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

Flaps **9**

OAT °C	-10T	+0	+10H
28	3499F98	4243F 6	4337F10
26	3668F98	4254F 7	4350F10
24	3806F98	4267F 7	4362F10
22	3911F98	4279F 8	4375F11
20	4024F98	4291F 8	4388F11
18	4034F98	4303F 8	4401F12
16	4045F98	4315F 9	4413F12
14	4056F99	4327F 9	4426F12
12	4067F99	4339F 9	4439F13
10	4075F99	4352F10	4452F13
0	4137F 1	4421F12	4524F15
-10	4193F 3	4490F14	4598F17
-20	4254F 5	4561F16	4673F20
-30	4316F 8	4636F19	4752F22

High QNH **+70** per .10"
Low QNH **-60** per .10"

Engine A/I ON **-460**
Wing A/I ON **-460**

LEVEL 2 CONTAM

Flaps **22**

-10T	+0	+10H
3503F 2	3951F10	4118F12
3524F 2	3971F10	4138F13
3542F 2	3989F10	4156F13
3562F 3	4010F11	4177F13
3578F 3	4025F11	4194F13
3586F 3	4045F11	4213F14
3595F 3	4066F12	4233F14
3606F 4	4081F12	4254F14
3620F 4	4103F12	4275F15
3635F 4	4125F12	4275F15
3711F 6	4224F14	4285^15
3802F 7	4237^14	4282^15
3902F 9	4231^14	4277^15
4004F11	4221^14	4269^15

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

Engine A/I ON **-710**
Wing A/I ON **-710**

LEVEL 3 CONTAM

Flaps

-10T	+0	+10H

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

Engine A/I ON
Wing A/I ON

Elevation	69	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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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	4197^25	4087D21	4170D25	4197D25	4248
34	89.2	4165^24	4249^26	4276^26	4165D21	4249D26	4276D26	4326
32	89.5	4242^25	4327^27	4355^27	4242D22	4327D27	4355D28	4404
30	89.7	4323^27	4408^28	4436^29	4323D22	4408D28	4436D29	4485
28	89.8	4404^28	4490^29	4519^30	4404^22	4490D29	4519D30	4570
26	89.9	4486^29	4573^31	4602^31	4485^23	4573D31	4602D31	4655
24	90.0	4566^30	4654^32	4683^32	4564^23	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	4604^24	4696D32	4725D33	4779
18	89.9	4607^31	4697^32	4726^33	4605^25	4697D32	4726D33	4781
16	89.6	4607^31	4698^32	4727^33	4606^25	4698D32	4727D33	4782
10	88.7	4608^31	4699^32	4730^33	4608D26	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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	92.1	4016^22	4097^24	4124^24	4016D22	4097D24	4124D24	4165
36	92.4	4097^23	4179^25	4206^25	4097D23	4179D25	4206D25	4248
34	92.7	4175^24	4258^26	4286^26	4175D23	4258D26	4286D27	4326
32	93.0	4252^26	4336^27	4364^28	4252D23	4336D27	4364D28	4404
30	93.2	4333^27	4417^28	4446^29	4333D24	4417D28	4446D29	4485
28	93.5	4415^28	4500^30	4529^30	4415D24	4500D30	4529D30	4570
26	93.8	4498^29	4584^31	4612^31	4498^25	4584D31	4612D31	4655
24	93.9	4579^30	4666^32	4694^32	4578^25	4666D32	4694D32	4739
22	93.7	4620^31	4707^32	4736^33	4619^26	4707D33	4736D33	4774
20	93.6	4624^31	4711^33	4740^33	4624^27	4711D33	4740D33	4779
18	93.3	4624^31	4712^33	4741^33	4624D27	4712D33	4741D33	4781
16	92.9	4624^31	4713^33	4742^33	4624D28	4713D33	4742D33	4782
10	92.0	4624^31	4715^33	4744^33	4624D29	4715D33	4744D33	4786
0	90.3	4618^31	4711^32	4742^33	4618D31	4711D33	4742D33	4788
-10	88.7	4604^31	4700^32	4732^33	4604D31	4700D32	4732D33	4781
-20	87.0	4596^30	4695^32	4728^33	4596D31	4695D32	4728D33	4782

High QNH **+100** per .10" Engine A/I ON **-4000**
Low QNH **-170** per .10" Wing A/I ON **-4000**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
38	92.1	4139^30-30-38	4216^31-31-40	4220C31-31-40	4220C31-31-40
36	92.4	4222^31-31-40	4301^33-33-41	4304C33-33-41	4304C33-33-41
34	92.7	4303^32-32-41	4382^34-34-42	4384C34-34-42	4384C34-34-42
32	93.0	4383^34-34-42	4462^35-35-44	4462C35-35-44	4462C35-35-44
30	93.2	4465^35-35-44	4540C36-36-45	4540C36-36-45	4540C36-36-45
28	93.5	4550^36-36-45	4627C37-37-46	4627C37-37-46	4627C37-37-46
26	93.8	4635^37-37-46	4713C39-39-47	4713C39-39-47	4713C39-39-47
24	93.9	4700T38-38-47	4799C40-40-49	4799C40-40-49	4799C40-40-49
22	93.7	4734T39-39-48	4840C40-40-49	4840C40-40-49	4840C40-40-49
20	93.6	4766^39-39-48	4842C41-41-49	4842C41-41-49	4842C41-41-49
18	93.3	4767^39-39-48	4843C41-41-49	4843C41-41-49	4843C41-41-49
16	92.9	4767^39-39-48	4845C41-41-49	4845C41-41-49	4845C41-41-49
10	92.0	4767^39-39-48	4850C41-41-50	4850C41-41-50	4850C41-41-50
0	90.3	4762^39-39-48	4851^41-41-50	4857C41-41-50	4857C41-41-50
-10	88.7	4747^39-39-48	4839^40-40-49	4848C41-41-50	4848C41-41-50
-20	87.0	4739^39-39-48	4834^40-40-49	4849C41-41-50	4849C41-41-50

High QNH **+100** per .10" Engine A/I ON **-4070**
Low QNH **-180** per .10" Wing A/I ON **-4070**

ALL DATA BASED ON TO-1 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	Flaps 9 +0	Flaps 9 +10H
38	4016^22	4097^24	4124^24
36	4097^23	4179^25	4206^25
34	4175^24	4258^26	4286^26
32	4252^26	4336^27	4364^28
30	4333^27	4417^28	4446^29
28	4415^28	4500^30	4529^30
26	4498^29	4584^31	4612^31
24	4579^30	4666^32	4694^32
22	4620^31	4707^32	4736^33
20	4624^31	4711^33	4740^33
18	4624^31	4712^33	4741^33
16	4624^31	4713^33	4742^33
10	4624^31	4715^33	4744^33
0	4618^31	4711^32	4742^33

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

Engine A/I ON **-4000**
Wing A/I ON **-4000**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
38	4011^22	4092^24	4119^24
36	4092^23	4174^25	4201^25
34	4171^24	4253^26	4280^26
32	4248^26	4332^27	4360^28
30	4329^27	4413^28	4442^29
28	4411^28	4496^29	4524^30
26	4494^29	4579^31	4608^31
24	4576^30	4663^32	4692^32
22	4618^31	4705^32	4734^33
20	4622^31	4710^32	4739^33
18	4622^31	4710^33	4740^33
16	4622^31	4711^33	4740^33
10	4225^25	4314^27	4343^27
0	4548^30	4641^32	4672^32

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

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

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
38	4016D22	4097D24	4124D24
36	4097D23	4179D25	4206D25
34	4175D23	4258D26	4286D27
32	4252D23	4336D27	4364D28
30	4333D24	4417D28	4446D29
28	4415D24	4500D30	4529D30
26	4498^25	4584D31	4612D31
24	4578^25	4666D32	4694D32
22	4619^26	4707D33	4736D33
20	4624^27	4711D33	4740D33
18	4624D27	4712D33	4741D33
16	4624D28	4713D33	4742D33
10	4624D29	4715D33	4744D33
0	4618D31	4711D33	4742D33

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

Engine A/I ON **-4000**
Wing A/I ON **-4000**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
38	4011D22	4092D24	4119D24
36	4092D23	4174D25	4201D25
34	4171D23	4253D26	4280D27
32	4248D23	4332D27	4360D28
30	4329D24	4413D28	4442D29
28	4411D24	4496D30	4524D30
26	4493^24	4579D31	4608D31
24	4575^25	4663D32	4692D32
22	4617^26	4705D33	4734D33
20	4622^27	4710D33	4739D33
18	4622D27	4710D33	4740D33
16	4622D27	4711D33	4740D33
10	4225D25	4314D27	4343D27
0	4548D30	4641D32	4672D32

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

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

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	4174F 1	4408F10	4479^13
26	4236F 1	4473F10	4554F13
24	4299F 2	4539F10	4621F13
22	4344F 2	4587F11	4671F14
20	4370F 3	4615F12	4689^15
18	4380F 3	4628F12	4691^15
16	4393F 3	4642F12	4694^16
14	4405F 4	4657F13	4696^16
12	4418F 4	4661^13	4698^17
10	4430F 4	4663^14	4699^17
0	4492F 6	4665^16	4703^20
-10	4548^ 8	4662^19	4700^22
-20	4546^11	4664^22	4703^25
-30	4536^14	4658^24	4699^28

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

Engine A/I ON **-3790**
Wing A/I ON **-3790**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3894F 5	4102F14	4170F16
26	3958F 6	4169F14	4239F17
24	4023F 6	4236F15	4308F17
22	4072F 7	4293F15	4365F18
20	4103F 8	4329F16	4405F19
18	4114F 8	4340F16	4417F19
16	4125F 8	4353F17	4430F19
14	4136F 9	4365F17	4442F20
12	4147F 9	4377F17	4455F20
10	4159F 9	4389F18	4467F21
0	4212F11	4450F20	4529F22
-10	4270F13	4512F22	4591F24
-20	4329F15	4575F24	4654F26
-30	4389F17	4618^26	4664^29

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

Engine A/I ON **-1830**
Wing A/I ON **-1830**

LEVEL 3 CONTAM

Flaps -10T	Flaps +0	Flaps +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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LEON/GUANAJUATO -BJX 13-NW481M *RT H160*

NOTAMS

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		6956		**RT H160**	**6956**	

NOTAMS A7975/23

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	4007^22	4088^23	4116^24	4001^13	4088D22	4116D24	4165
36	89.0	4087^23	4170^25	4197^25	4081^13	4170D23	4197D25	4248
34	89.2	4165^24	4248^26	4276^26	4157^13	4248D23	4276D26	4326
32	89.5	4242^25	4327^27	4355^27	4234^14	4327D24	4355D27	4404
30	89.7	4323^27	4407^28	4436^29	4313^14	4407D24	4436D27	4485
28	89.8	4405^28	4490^29	4519^30	4379F14	4490^24	4519D27	4570
26	89.9	4487^29	4573^31	4602^31	4437F15	4572^25	4602D28	4655
24	90.0	4566^30	4654^32	4684^32	4492F15	4651^25	4684D28	4739
22	90.1	4606^31	4695^32	4724^33	4532F16	4692^26	4724D29	4774
20	90.2	4607^31	4696^32	4726^33	4546F16	4694^26	4726D29	4779
15	89.4	4607^31	4698^32	4728^33	4581F17	4698^27	4728D30	4783
10	88.7	4608^31	4699^32	4730^33	4598^18	4699D28	4730D32	4786
5	87.9	4607^31	4700^32	4731^33	4599^19	4700D29	4731D33	4789
0	87.1	4602^31	4696^32	4727^33	4595^20	4696D31	4727D33	4788
-5	86.3	4590^30	4686^32	4718^33	4586^22	4686D32	4718D33	4779
-10	85.5	4587^30	4685^32	4718^33	4585^23	4685D32	4718D33	4781

High QNH **+100** per .10" Engine A/I ON **-3970**
Low QNH **-170** per .10" Wing A/I ON **-3970**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	92.1	4016^22	4097^24	4124^24	4012^14	4097D24	4124D24	4165
36	92.4	4097^23	4179^25	4206^25	4092^15	4179D24	4206D25	4248
34	92.7	4175^24	4258^26	4285^26	4169^15	4258D25	4285D27	4326
32	93.0	4252^26	4336^27	4364^28	4245^15	4336D25	4364D28	4404
30	93.2	4333^27	4417^28	4445^29	4324^16	4417D26	4445D29	4485
28	93.5	4415^28	4501^30	4529^30	4405^16	4501D26	4529D29	4570
26	93.8	4498^29	4584^31	4612^31	4487^16	4584D26	4612D30	4655
24	93.9	4579^30	4665^32	4694^32	4566^17	4665^27	4694D30	4739
22	93.7	4620^31	4707^32	4736^33	4607^17	4707^28	4736D31	4774
20	93.6	4623^31	4711^33	4740^33	4612^18	4711D29	4740D32	4779
15	92.8	4624^31	4713^33	4743^33	4614^19	4713D30	4743D33	4783
10	92.0	4624^31	4715^33	4744^33	4616^21	4715D31	4744D33	4786
5	91.2	4623^31	4715^33	4746^33	4617^22	4715D32	4746D33	4789
0	90.3	4617^31	4711^32	4742^33	4612^23	4711D33	4742D33	4788
-5	89.5	4606^31	4701^32	4732^33	4603^24	4701D32	4732D33	4779
-10	88.7	4604^31	4700^32	4732^33	4603^25	4700D32	4732D33	4781

High QNH **+100** per .10" Engine A/I ON **-4000**
Low QNH **-170** per .10" Wing A/I ON **-4000**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
38	92.1	4139^30-30-38	4216^31-31-40	4220C31-31-40	4220C31-31-40
36	92.4	4205F31-31-40	4300^33-33-41	4304C33-33-41	4304C33-33-41
34	92.7	4266F32-32-40	4381^34-34-42	4384C34-34-42	4384C34-34-42
32	93.0	4324F33-33-41	4462^35-35-44	4462C35-35-44	4462C35-35-44
30	93.2	4383F33-33-42	4540C36-36-45	4540C36-36-45	4540C36-36-45
28	93.5	4443F34-34-43	4627C37-37-46	4627C37-37-46	4627C37-37-46
26	93.8	4502F35-35-44	4713C39-39-47	4713C39-39-47	4713C39-39-47
24	93.9	4579^30-30-40	4799C40-40-49	4799C40-40-49	4799C40-40-49
22	93.7	4621F37-37-46	4840C40-40-49	4840C40-40-49	4840C40-40-49
20	93.6	4663F37-37-47	4842C41-41-49	4842C41-41-49	4842C41-41-49
15	92.8	4695F38-38-47	4846C41-41-49	4846C41-41-49	4846C41-41-49
10	92.0	4726F39-39-48	4850C41-41-50	4850C41-41-50	4850C41-41-50
5	91.2	4758F39-39-48	4854C41-41-50	4854C41-41-50	4854C41-41-50
0	90.3	4762^39-39-48	4851^41-41-50	4857C41-41-50	4857C41-41-50
-5	89.5	4749^39-39-48	4840^40-40-49	4845C41-41-49	4845C41-41-49
-10	88.7	4747^39-39-48	4839^40-40-49	4848C41-41-50	4848C41-41-50

High QNH **+100** per .10" Engine A/I ON **-4070**
Low QNH **-180** per .10" Wing A/I ON **-4070**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 5956 Length 9908 Shift **-1578** Clearway 0 Stopway 0 Slope -0.49
Rwy Rev. Program Rules FAA **12 Oct 23**

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LEON/GUANAJUATO -BJX 13-NW481M *RT H160*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
38	4016^22	4097^24	4124^24
36	4097^23	4179^25	4206^25
34	4175^24	4258^26	4285^26
32	4252^26	4336^27	4364^28
30	4333^27	4417^28	4445^29
28	4415^28	4501^30	4529^30
26	4498^29	4584^31	4612^31
24	4579^30	4665^32	4694^32
22	4620^31	4707^32	4736^33
20	4623^31	4711^33	4740^33
15	4624^31	4713^33	4743^33
10	4624^31	4715^33	4744^33
5	4623^31	4715^33	4746^33
0	4617^31	4711^32	4742^33

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

Engine A/I ON **-4000**
Wing A/I ON **-4000**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
38	4011^22	4092^24	4119^24
36	4091^23	4174^25	4201^25
34	4170^24	4253^26	4281^26
32	4248^26	4332^27	4360^28
30	4329^27	4413^28	4442^29
28	4411^28	4496^29	4525^30
26	4494^29	4580^31	4608^31
24	4576^30	4663^32	4692^32
22	4618^31	4705^32	4734^33
20	4622^31	4710^32	4739^33
15	4622^31	4711^33	4740^33
10	4225^25	4314^27	4343^27
5	4494^29	4586^31	4617^31
0	4548^30	4641^32	4672^32

High QNH **+100** per .10"
Low QNH **-230** per .10"

Engine A/I ON **-330**
Wing A/I ON **-330**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
38	4012^14	4097D24	4124D24
36	4092^15	4179D24	4206D25
34	4169^15	4258D25	4285D27
32	4245^15	4336D25	4364D28
30	4324^16	4417D26	4445D29
28	4405^16	4501D26	4529D29
26	4487^16	4584D26	4612D30
24	4566^17	4665^27	4694D30
22	4607^17	4707^28	4736D31
20	4612^18	4711D29	4740D32
15	4614^19	4713D30	4743D33
10	4616^21	4715D31	4744D33
5	4617^22	4715D32	4746D33
0	4612^23	4711D33	4742D33

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

Engine A/I ON **-4000**
Wing A/I ON **-4000**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
38	4007^14	4092D24	4119D24
36	4087^14	4174D24	4201D25
34	4164^15	4253D25	4281D27
32	4241^15	4332D25	4360D28
30	4320^15	4413D25	4442D29
28	4401^16	4496D26	4525D29
26	4483^16	4580^26	4608D29
24	4560F17	4662^27	4692D30
22	4605^17	4705^27	4734D31
20	4610^18	4710^28	4739D32
15	4611^19	4711D30	4740D33
10	4225D23	4314D27	4343D27
5	4491^22	4586D31	4617D31
0	4545^23	4641D32	4672D32

High QNH **+100** per .10"
Low QNH **-230** per .10"

Engine A/I ON **-330**
Wing A/I ON **-330**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3898F94	4122F 3	4198F 6
26	3959F95	4183F 4	4261F 7
24	3983F95	4245F 4	4324F 7
22	4043F96	4288F 5	4369F 8
20	4079F96	4314F 5	4396F 8
15	4106F97	4344F 6	4429F 9
10	4136F98	4377F 7	4463F10
5	4164F99	4410F 8	4496F11
0	4190F 0	4439F 9	4528F12
-5	4219F 1	4471F10	4560F13
-10	4249F 2	4507F11	4594F14
-15	4280F 3	4542F12	4631F15
-20	4311F 4	4574F13	4667F16
-25	4341F 5	4609F14	4677^18

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

Engine A/I ON **-1990**
Wing A/I ON **-1990**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3596F 0	3791F 8	3858F11
26	3658F 0	3856F 8	3923F11
24	3718F 0	3922F 9	3990F12
22	3764F 1	3973F 9	4043F12
20	3794F 1	4008F10	4078F13
15	3820F 2	4036F11	4104F14
10	3846F 3	4064F12	4132F15
5	3871F 4	4091F13	4161F16
0	3895F 5	4114F14	4189F17
-5	3923F 6	4140F15	4217F18
-10	3950F 7	4169F16	4247F19
-15	3978F 8	4199F17	4280F20
-20	4004F 9	4228F18	4311F21
-25	4031F10	4257F19	4340F22

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

Engine A/I ON **-1940**
Wing A/I ON **-1940**

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	9908	Shift	**-1578**	Clearway	0	Stopway	0	Slope	-0.49
Rwy Rev.		Program						Rules	FAA		**12 Oct 23**

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TAR Mexico **EMB-145** **AE3007A1**

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		6956'		**LT H230**	**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	3995^22	4078^23	4106^24	3995D21	4078D23	4106D24	4165
36	89.0	4076^23	4159^24	4187^25	4076D21	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	4231D22	4316D27	4344D27	4404
30	89.7	4310^26	4397^28	4425^28	4310^23	4397D28	4425D29	4485
28	89.8	4392^28	4479^29	4508^30	4391^23	4479D29	4508D30	4570
26	89.9	4474^29	4561^30	4590^31	4471^23	4561D30	4590D31	4655
24	90.0	4554^30	4642^31	4671^32	4550^24	4642D32	4671D32	4739
22	90.1	4593^30	4682^32	4712^33	4589^24	4682D32	4712D33	4774
20	90.2	4594^30	4684^32	4713^33	4591^25	4684D32	4713D33	4779
18	89.9	4594^30	4685^32	4714^33	4592^25	4685D32	4714D33	4781
16	89.6	4594^30	4685^32	4716^33	4593^25	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	4589D29	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**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
38	92.1	4006^22	4088^23	4115^24	4006D22	4088D24	4115D24	4165
36	92.4	4087^23	4169^25	4197^25	4087D23	4169D25	4197D25	4248
34	92.7	4165^24	4248^26	4276^26	4165D24	4248D26	4276D26	4326
32	93.0	4242^25	4327^27	4354^27	4242D24	4327D27	4354D28	4404
30	93.2	4323^27	4407^28	4435^29	4323D24	4407D28	4435D29	4485
28	93.5	4404^28	4490^29	4518^30	4404D25	4490D29	4518D30	4570
26	93.8	4487^29	4573^31	4602^31	4487D25	4573D31	4602D31	4655
24	93.9	4567^30	4655^32	4684^32	4566^26	4655D32	4684D32	4739
22	93.7	4608^31	4696^32	4725^33	4607^26	4696D32	4725D33	4774
20	93.6	4613^31	4701^32	4730^33	4613D27	4701D32	4730D33	4779
18	93.3	4613^31	4702^32	4731^33	4613D28	4702D32	4731D33	4781
16	92.9	4613^31	4702^32	4732^33	4613D28	4702D32	4732D33	4782
10	92.0	4608^31	4704^32	4734^33	4608D30	4704D32	4734D33	4786
0	90.3	4607^31	4700^32	4732^33	4607D31	4700D32	4732D33	4788
-10	88.7	4593^30	4690^32	4722^33	4593D31	4690D32	4722D33	4781
-20	87.0	4585^30	4685^32	4718^33	4585D30	4685D32	4718D33	4782

High QNH **+100** per .10" — Engine A/I ON **-3980**
Low QNH **-170** per .10" — Wing A/I ON **-3980**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
38	92.1	4128^30-30-38	4206^31-31-40	4220C31-31-40	4220C31-31-40
36	92.4	4211^31-31-40	4290^32-32-41	4304C33-33-41	4304C33-33-41
34	92.7	4291^32-32-41	4371^34-34-42	4384C34-34-42	4384C34-34-42
32	93.0	4371^33-33-42	4451^35-35-43	4462C35-35-44	4462C35-35-44
30	93.2	4453^35-35-43	4534^36-36-45	4540C36-36-45	4540C36-36-45
28	93.5	4537^36-36-45	4619^37-37-46	4627C37-37-46	4627C37-37-46
26	93.8	4622^37-37-46	4704^39-39-47	4713C39-39-47	4713C39-39-47
24	93.9	4700T38-38-47	4789^40-40-49	4799C40-40-49	4799C40-40-49
22	93.7	4734T39-39-48	4833^40-40-49	4840C40-40-49	4840C40-40-49
20	93.6	4754^39-39-48	4838^40-40-49	4842C41-41-49	4842C41-41-49
18	93.3	4754^39-39-48	4839^40-40-49	4843C41-41-49	4843C41-41-49
16	92.9	4755^39-39-48	4840^40-40-49	4845C41-41-49	4845C41-41-49
10	92.0	4755^39-39-48	4842^41-41-49	4850C41-41-50	4850C41-41-50
0	90.3	4749^39-39-48	4839^40-40-49	4857C41-41-50	4857C41-41-50
-10	88.7	4735^39-39-48	4827^40-40-49	4848C41-41-50	4848C41-41-50
-20	87.0	4727^39-39-48	4823^40-40-49	4849C41-41-50	4849C41-41-50

High QNH **+100** per .10" — Engine A/I ON **-4060**
Low QNH **-180** per .10" — Wing A/I ON **-4060**

ALL DATA BASED ON TO-1 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	Flaps 9 +0	Flaps 9 +10H
38	4006^22	4088^23	4115^24
36	4087^23	4169^25	4197^25
34	4165^24	4248^26	4276^26
32	4242^25	4327^27	4354^27
30	4323^27	4407^28	4435^29
28	4404^28	4490^29	4518^30
26	4487^29	4573^31	4602^31
24	4567^30	4655^32	4684^32
22	4608^31	4696^32	4725^33
20	4613^31	4701^32	4730^33
18	4613^31	4702^32	4731^33
16	4613^31	4702^32	4732^33
10	4608^31	4704^32	4734^33
0	4607^31	4700^32	4732^33

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

Engine A/I ON **-3980**
Wing A/I ON **-3980**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
38	4001^22	4083^23	4110^24
36	4082^23	4164^25	4192^25
34	4160^24	4244^26	4271^26
32	4238^25	4323^27	4351^27
30	4318^27	4403^28	4431^29
28	4400^28	4485^29	4514^30
26	4482^29	4569^30	4597^31
24	4564^30	4652^32	4681^32
22	4606^31	4694^32	4724^33
20	4611^31	4699^32	4728^33
18	4611^31	4700^32	4729^33
16	4611^31	4700^32	4730^33
10	4216^25	4305^27	4335^27
0	4538^30	4631^31	4662^32

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

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

OAT °C	Flaps -10T	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
38	4006D22	4088D24	4115D24
36	4087D23	4169D25	4197D25
34	4165D24	4248D26	4276D26
32	4242D24	4327D27	4354D28
30	4323D24	4407D28	4435D29
28	4404D25	4490D29	4518D30
26	4487D25	4573D31	4602D31
24	4566^26	4655D32	4684D32
22	4607^26	4696D32	4725D33
20	4613D27	4701D32	4730D33
18	4613D28	4702D32	4731D33
16	4613D28	4702D32	4732D33
10	4608D30	4704D32	4734D33
0	4607D31	4700D32	4732D33

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

Engine A/I ON **-3980**
Wing A/I ON **-3980**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
38	4001D22	4083D23	4110D24
36	4082D23	4164D25	4192D25
34	4160D23	4244D26	4271D26
32	4238D24	4323D27	4351D28
30	4318D24	4403D28	4431D29
28	4400D25	4485D29	4514D30
26	4482D25	4569D31	4597D31
24	4563^25	4652D32	4681D32
22	4605^26	4694D32	4724D33
20	4611^27	4699D32	4728D33
18	4611D28	4700D32	4729D33
16	4611D28	4700D32	4730D33
10	4216D25	4305D27	4335D27
0	4538D30	4631D31	4662D32

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

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

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	4083F 4	4312F12	4392F15
26	4144F 4	4376F13	4456F16
24	4205F 5	4440F13	4522F16
22	4250F 5	4489F14	4572F17
20	4276F 6	4520F15	4603F18
18	4288F 6	4533F15	4617F18
16	4300F 7	4546F15	4630F18
14	4312F 7	4557F16	4645F19
12	4325F 7	4573F16	4659F19
10	4337F 8	4585F17	4673F19
0	4397F10	4651^19	4690^22
-10	4458F12	4649^21	4689^24
-20	4521F14	4653^24	4694^27
-30	4524^16	4650^27	4692^30

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

Engine A/I ON **-3080**
Wing A/I ON **-3080**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3814F 8	4025F15	4092F18
26	3876F 8	4090F16	4159F18
24	3939F 9	4157F16	4229F19
22	3989F 9	4213F17	4287F20
20	4021F10	4250F18	4329F21
18	4032F10	4262F18	4341F21
16	4043F11	4275F19	4354F21
14	4054F11	4286F19	4364F22
12	4065F11	4299F19	4378F22
10	4077F12	4311F20	4389F22
0	4130F14	4371F21	4448F24
-10	4188F15	4432F23	4509F26
-20	4247F17	4494F25	4572F28
-30	4306F19	4554F27	4637F30

High QNH **+120** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1620**
Wing A/I ON **-1620**

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 5956 Length 11486 Shift **0** Clearway 0 Stopway 0 Slope +0.49
Rwy Rev. Program Rules FAA **21 Mar 17**

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CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		6956		LT H230	6956	

NOTAMS A7975/23

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
38	88.7	3995^22	4078^23	4106^24
36	89.0	4076^23	4159^24	4187^25
34	89.2	4154^24	4237^26	4266^26
32	89.5	4230^25	4315^27	4344^27
30	89.7	4302F26	4396^28	4425^28
28	89.8	4362F27	4479^29	4507^30
26	89.9	4422F28	4562^30	4590^31
24	90.0	4477F29	4642^31	4671^32
22	90.1	4520F29	4683^32	4712^33
20	90.2	4532F29	4683^32	4714^33
15	89.4	4562F30	4686^32	4716^33
10	88.7	4592F30	4687^32	4718^33
5	87.9	4594^30	4688^32	4720^33
0	87.1	4589^30	4684^32	4715^33
-5	86.3	4578^30	4674^32	4706^32
-10	85.5	4576^30	4673^32	4706^32

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3989^13	4078D22	4106D24	4165
4053F13	4159D23	4187D25	4248
4107F14	4237D23	4266D26	4326
4162F14	4315D24	4344D27	4404
4217F15	4396D24	4425D27	4485
4274F15	4477^24	4507D27	4570
4331F16	4559^25	4590D28	4655
4386F16	4638^25	4671D28	4739
4425F17	4678^26	4712^29	4774
4438F17	4680^26	4714D29	4779
4471F18	4685^27	4716D30	4783
4504F19	4687^28	4718D31	4786
4536F20	4688D29	4720D33	4789
4570F21	4684D31	4715D33	4788
4572^22	4674D32	4706D33	4779
4572^23	4673D32	4706D33	4781

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

Engine A/I ON **-3930** — Wing A/I ON **-3930**

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
38	92.1	4007^22	4088^23	4115^24
36	92.4	4087^23	4169^25	4197^25
34	92.7	4165^24	4248^26	4276^26
32	93.0	4242^25	4326^27	4354^27
30	93.2	4322^27	4407^28	4435^29
28	93.5	4405^28	4490^29	4519^30
26	93.8	4487^29	4573^31	4602^31
24	93.9	4567^30	4655^32	4684^32
22	93.7	4608^31	4697^32	4725^33
20	93.6	4612^31	4701^32	4730^33
15	92.8	4613^31	4703^32	4732^33
10	92.0	4613^31	4704^32	4734^33
5	91.2	4613^31	4705^32	4735^33
0	90.3	4606^31	4788C32	4732^33
-5	89.5	4595^30	4690^32	4722^33
-10	88.7	4593^30	4690^32	4722^33

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4001^15	4088D24	4115D24	4165
4081^15	4169D25	4197D25	4248
4157^15	4248D25	4276D26	4326
4232F16	4326D26	4354D28	4404
4287F16	4407D26	4435D29	4485
4346F17	4490D26	4519D29	4570
4404F17	4573^27	4602D30	4655
4464F18	4653^27	4684D30	4739
4509F19	4695^28	4725D31	4774
4543F19	4701D29	4730D32	4779
4578F20	4703D30	4732D33	4783
4603^21	4704D31	4734D33	4786
4605^22	4705D32	4735D33	4789
4601^24	4707^32	4732D33	4788
4593^25	4690D32	4722D33	4779
4593^26	4690D32	4722D33	4781

High QNH **+0** per .10" — Low QNH **-400** per .10"

Engine A/I ON **-3970** — Wing A/I ON **-3970**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
38	92.1	4016F28-28-36	4206^31-31-40	4220C31-31-40	4220C31-31-40
36	92.4	4087^23-23-32	4288F32-32-41	4304C33-33-41	4304C33-33-41
34	92.7	4165^24-24-34	4349F33-33-42	4384C34-34-42	4384C34-34-42
32	93.0	4242^25-25-35	4408F34-34-43	4462C35-35-44	4462C35-35-44
30	93.2	4322^27-27-36	4468F35-35-44	4540C36-36-45	4540C36-36-45
28	93.5	4405^28-28-37	4530F36-36-45	4607F37-37-46	4627C37-37-46
26	93.8	4487^29-29-38	4590F37-37-46	4668F38-38-47	4713C39-39-47
24	93.9	4567^30-30-40	4656F37-37-47	4735F39-39-48	4799C40-40-49
22	93.7	4608^31-31-40	4712F38-38-47	4792F40-40-49	4840C40-40-49
20	93.6	4612^31-31-40	4753F39-39-48	4834F40-40-49	4842C41-41-49
15	92.8	4613^31-31-40	4786F40-40-49	4846C41-41-49	4846C41-41-49
10	92.0	4613^31-31-40	4819F40-40-49	4850C41-41-50	4850C41-41-50
5	91.2	4614F37-37-46	4843^41-41-49	4854C41-41-50	4854C41-41-50
0	90.3	4644F37-37-46	4839^40-40-49	4857C41-41-50	4857C41-41-50
-5	89.5	4671F38-38-47	4829^40-40-49	4845C41-41-49	4845C41-41-49
-10	88.7	4703F38-38-47	4827^40-40-49	4848C41-41-50	4848C41-41-50

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

Engine A/I ON **-3830** — Wing A/I ON **-3830**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	5956	Length	9908	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.49
Rwy Rev.		Program						Rules	FAA		**12 Oct 23**

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LEON/GUANAJUATO -BJX 31-NW481M *LT H230*

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	4007^22	4088^23	4115^24	4001^22	4083^23	4110^24			
36	4087^23	4169^25	4197^25	4082^23	4164^25	4191^25			
34	4165^24	4248^26	4276^26	4160^24	4243^26	4271^26			
32	4242^25	4326^27	4354^27	4238^25	4322^27	4350^27			
30	4322^27	4407^28	4435^29	4318^27	4403^28	4431^29			
28	4405^28	4490^29	4519^30	4400^28	4486^29	4514^30			
26	4487^29	4573^31	4602^31	4483^29	4569^30	4598^31			
24	4567^30	4655^32	4684^32	4564^30	4652^32	4681^32			
22	4608^31	4697^32	4725^33	4606^31	4695^32	4724^33			
20	4612^31	4701^32	4730^33	4611^31	4699^32	4728^33			
15	4613^31	4703^32	4732^33	4611^31	4700^32	4730^33			
10	4613^31	4704^32	4734^33	4216^25	4305^27	4334^27			
5	4613^31	4705^32	4735^33	4483^29	4576^31	4607^31			
0	4606^31	4788C32	4732^33	4537^30	4631^31	4662^32			
	High QNH +0 per .10" Low QNH -400 per .10"			High QNH +100 per .10" Low QNH -220 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -3970 Wing A/I ON -3970			Engine A/I ON -330 Wing A/I ON -330			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	4001^15	4088D24	4115D24	3996^14	4083D23	4110D24			
36	4081^15	4169D25	4197D25	4076^15	4164D24	4191D25			
34	4157^15	4248D25	4276D26	4152^15	4243D25	4271D26			
32	4232F16	4326D26	4354D28	4223F16	4322D25	4350D28			
30	4287F16	4407D26	4435D29	4279F16	4403D26	4431D29			
28	4346F17	4490D26	4519D29	4337F17	4486D26	4514D29			
26	4404F17	4573^27	4602D30	4395F17	4568^26	4598D30			
24	4464F18	4653^27	4684D30	4455F18	4650^27	4681D30			
22	4509F19	4695^28	4725D31	4503F18	4693^28	4724D31			
20	4543F19	4701D29	4730D32	4535F19	4699^29	4728D32			
15	4578F20	4703D30	4732D33	4570F20	4700D30	4730D33			
10	4603^21	4704D31	4734D33	4216D23	4305D27	4334D27			
5	4605^22	4705D32	4735D33	4480^23	4576D31	4607D31			
0	4601^24	4707^32	4732D33	4534^24	4631D31	4662D32			
	High QNH +80 per .10" Low QNH -170 per .10"			High QNH +100 per .10" Low QNH -220 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -3970 Wing A/I ON -3970			Engine A/I ON -330 Wing A/I ON -330			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	3816F97	4037F 6	4114F 9	3545F 2	3729F10	3795F13			
26	3873F98	4098F 7	4174F 9	3604F 2	3792F10	3858F13			
24	3933F98	4159F 7	4236F10	3665F 2	3858F11	3923F14			
22	3972F99	4203F 8	4282F10	3712F 3	3909F11	3976F14			
20	3996F99	4230F 8	4311F11	3743F 4	3944F12	4013F15			
15	4022F 0	4261F 9	4343F12	3768F 4	3970F13	4040F16			
10	4051F 1	4291F10	4375F13	3794F 5	3996F14	4069F17			
5	4080F 2	4323F11	4408F14	3819F 6	4023F15	4098F18			
0	4105F 3	4352F12	4438F15	3840F 7	4048F16	4123F19			
-5	4131F 4	4383F13	4469F16	3864F 8	4076F17	4153F20			
-10	4162F 5	4415F14	4502F17	3890F 9	4105F18	4185F21			
-15	4194F 6	4449F15	4536F18	3915F10	4134F19	4217F21			
-20	4223F 7	4483F16	4571F19	3939F11	4164F20	4248F22			
-25	4253F 8	4513F17	4606F20	3963F12	4193F21	4280F23			
	High QNH +100 per .10" Low QNH -150 per .10"			High QNH +100 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -1910 Wing A/I ON -1910			Engine A/I ON -1710 Wing A/I ON -1710			Engine A/I ON Wing A/I ON		

Elevation	5956	Length	9908	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.49
Rwy Rev.		Program						Rules	FAA		**12 Oct 23**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1016'		**DT H092**	**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	3937F18	4178F23	4264F25	3877F 4	4155F14	4254F17	4725
46	87.7	4007F19	4251F24	4338F26	3941F 4	4225F14	4325F18	4844
44	87.6	4050F20	4296F25	4383F26	3980F 5	4268F15	4369F18	4901
42	87.4	4064F20	4311F25	4399F26	3996F 5	4284F15	4386F18	4947
40	87.1	4078F20	4326F25	4415F27	4010F 5	4301F15	4403F19	4959
38	86.8	4087F21	4337F25	4426F27	4021F 6	4312F16	4415F19	4961
36	86.6	4097F21	4348F25	4437F27	4033F 6	4324F16	4427F19	4962
34	86.3	4106F21	4359F26	4448F27	4044F 6	4337F16	4440F20	4964
32	86.0	4116F21	4370F26	4460F27	4057F 7	4349F17	4453F20	4966
30	85.7	4127F21	4381F26	4472F28	4068F 7	4362F17	4467F20	4968
20	84.3	4178F22	4439F27	4533F29	4124F 9	4427F19	4533D22	4976
10	82.8	4230F23	4498F28	4592F30	4182F10	4493F21	4592D24	4973
0	81.3	4286F24	4561F29	4660F31	4243F12	4561D23	4660D26	4984
-10	79.8	4340F25	4623F30	4723F32	4306F14	4623D24	4723D28	4988
-20	78.3	4397F26	4688F31	4787F33	4372F16	4688D26	4787D30	4985
-30	76.7	4452F27	4751F33	4853F34	4439F18	4751D28	4853D32	4983

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

Engine A/I ON **-400** Wing A/I ON **-400**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4022F20	4268F25	4356F26	3935F 5	4224F15	4328F18	4725
46	90.9	4096F21	4345F26	4434F27	4003F 5	4296F16	4401F19	4844
44	90.8	4150F22	4402F27	4492F28	4051F 6	4348F16	4454F20	4901
42	90.5	4185F22	4440F27	4529F29	4079F 7	4381F17	4489F20	4947
40	90.2	4198F23	4455F27	4544F29	4094F 7	4397F17	4505F21	4959
38	89.9	4208F23	4466F28	4556F29	4105F 7	4410F18	4519F21	4961
36	89.7	4218F23	4477F28	4567F29	4116F 8	4423F18	4532F21	4962
34	89.4	4228F23	4488F28	4579F30	4126F 8	4436F18	4546F22	4964
32	89.1	4238F23	4498F28	4592F30	4138F 8	4449F19	4560F22	4966
30	88.8	4249F24	4510F28	4604F30	4150F 9	4463F19	4574F22	4968
20	87.3	4302F25	4571F29	4668F31	4210F10	4532F21	4644F24	4976
10	85.8	4355F26	4632F31	4728F32	4269F12	4600F23	4717F26	4973
0	84.2	4415F27	4698F32	4794F33	4337F14	4678F25	4794D28	4984
-10	82.7	4470F28	4760F33	4857F34	4404F16	4753F27	4857D30	4988
-20	81.1	4529F29	4824F34	4925F35	4474F18	4824D29	4925D32	4985
-30	79.5	4590F30	4888F35	4936^36	4546F20	4888D31	4936D35	4983

High QNH **+20** per .10" Low QNH **-150** per .10"

Engine A/I ON **-670** Wing A/I ON **-670**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4022F20-20-31	4268F25-25-35	4356F26-26-36	4447F28-28-38
46	90.9	4096F21-21-32	4345F26-26-36	4434F27-27-38	4526F29-29-39
44	90.8	4150F22-22-33	4402F27-27-37	4492F28-28-38	4583F30-30-40
42	90.5	4185F22-22-34	4440F27-27-38	4529F29-29-39	4623F30-30-40
40	90.2	4198F23-23-34	4455F27-27-38	4544F29-29-39	4639F31-31-41
38	89.9	4208F23-23-34	4466F28-28-38	4556F29-29-39	4651F31-31-41
36	89.7	4218F23-23-34	4477F28-28-38	4567F29-29-40	4663F31-31-41
34	89.4	4228F23-23-34	4488F28-28-38	4579F30-30-40	4675F31-31-41
32	89.1	4238F23-23-35	4498F28-28-38	4592F30-30-40	4687F32-32-41
30	88.8	4249F24-24-35	4510F28-28-39	4604F30-30-40	4699F32-32-41
20	87.3	4302F25-25-36	4571F29-29-40	4668F31-31-41	4762F33-33-42
10	85.8	4355F26-26-36	4632F31-31-40	4728F32-32-42	4824F34-34-43
0	84.2	4415F27-27-37	4698F32-32-41	4794F33-33-43	4892F35-35-44
-10	82.7	4470F28-28-38	4760F33-33-42	4857F34-34-44	4961F36-36-45
-20	81.1	4529F29-29-39	4824F34-34-43	4925F35-35-45	4985C36-36-46
-30	79.5	4590F30-30-40	4888F35-35-44	4936D36-36-45	4980^36-36-45

High QNH **+20** per .10" Low QNH **-150** per .10"

Engine A/I ON **-670** Wing A/I ON **-670**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	16	Length	6585	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.05
Rwy Rev.		Program						Rules	FAA		**03 Jul 19**

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LOS MOCHIS -LMM 09 *DT H092*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4022F20	4268F25	4356F26
46	4096F21	4345F26	4434F27
44	4150F22	4402F27	4492F28
42	4185F22	4440F27	4529F29
40	4198F23	4455F27	4544F29
38	4208F23	4466F28	4556F29
36	4218F23	4477F28	4567F29
34	4228F23	4488F28	4579F30
32	4238F23	4498F28	4592F30
30	4249F24	4510F28	4604F30
20	4302F25	4571F29	4668F31
10	4355F26	4632F31	4728F32
0	4415F27	4698F32	4794F33
-10	4470F28	4760F33	4857F34

High QNH **+70** per .10"
Low QNH **-150** per .10"

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

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4014F20	4259F25	4347F26
46	4087F21	4335F26	4424F27
44	4141F22	4392F26	4482F28
42	4176F22	4430F27	4521F29
40	4189F23	4445F27	4534F29
38	4199F23	4456F27	4546F29
36	4209F23	4467F28	4558F29
34	4219F23	4479F28	4570F29
32	4230F23	4491F28	4582F30
30	4240F23	4500F28	4594F30
20	4294F24	4562F29	4658F31
10	4315F25	4591F30	4684F32
0	4375F26	4656F31	4752F33
-10	4430F27	4715F32	4813F34

High QNH **+80** per .10"
Low QNH **-150** 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	3935F 5	4224F15	4328F18
46	4003F 5	4296F16	4401F19
44	4051F 6	4348F16	4454F20
42	4079F 7	4381F17	4489F20
40	4094F 7	4397F17	4505F21
38	4105F 7	4410F18	4519F21
36	4116F 8	4423F18	4532F21
34	4126F 8	4436F18	4546F22
32	4138F 8	4449F19	4560F22
30	4150F 9	4463F19	4574F22
20	4210F10	4532F21	4644F24
10	4269F12	4600F23	4717F26
0	4337F14	4678F25	4794D28
-10	4404F16	4753F27	4857D30

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

OAT °C	Flaps 9 -10T	+0	+10H
48	3929F 5	4217F15	4320F18
46	3996F 5	4289F16	4393F19
44	4044F 6	4341F16	4446F19
42	4073F 6	4374F17	4481F20
40	4087F 7	4390F17	4497F20
38	4099F 7	4402F17	4511F21
36	4110F 7	4415F18	4524F21
34	4119F 8	4428F18	4538F21
32	4132F 8	4442F19	4552F22
30	4144F 8	4455F19	4566F22
20	4204F10	4524F21	4636F24
10	4232F12	4565F23	4678F26
0	4301F14	4640F24	4752D28
-10	4366F16	4712F26	4813D30

High QNH **+90** per .10"
Low QNH **-150** 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 22 -10T	+0	+10H
28		3957F96	4209F98
26		3986F96	4222F99
24		4019F96	4238F99
22		4053F97	4251^99
20		4086F97	4253^ 0
18		4125F97	4254^ 0
16		4173F97	4254^ 1
14		4188F98	4253^ 1
12		4196F98	4252^ 2
10		4196F98	4253^ 2
0	3177F92	4212^ 0	4265^ 4
-10	3247F93	4216^ 2	4268^ 6
-20	3464F95	4215^ 5	4270^ 9
-30	3677F96	4213^ 7	4269^11

High QNH **+10** per .10"
Low QNH **-200** per .10"

Engine A/I ON **-710**
Wing A/I ON **-710**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3361F 2	3629F 4
26		3393F 2	3648F 4
24	2651F95	3428F 2	3664F 4
22	2669F95	3464F 2	3684F 5
20	2689F96	3499F 2	3703F 5
18	2710F96	3539F 3	3723F 5
16	2734F96	3576F 3	3733F 5
14	2757F97	3579F 3	3765F 6
12	2785F97	3602F 3	3777F 6
10	2809F97	3602F 3	3814F 6
0	2950F99	3722F 5	3921F 8
-10	3078F 0	3839F 7	4010F10
-20	3222F 1	3942F 8	4094F11
-30	3387F 2	4032F10	4186F13

High QNH **+40** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-440**
Wing A/I ON **-440**

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		**03 Jul 19**

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LOS MOCHIS -LMM 27 *DT H272*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1016'		DT H272	1016'	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +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

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	3868F 4	4146F14	4245F17	4725
46	87.7	3933F 4	4215F14	4316F18	4844
44	87.6	3973F 5	4258F15	4359F18	4901
42	87.4	3986F 5	4275F15	4376F18	4947
40	87.1	4002F 5	4291F16	4393F19	4959
38	86.8	4015F 6	4303F16	4405F19	4961
36	86.6	4025F 6	4315F16	4418F19	4962
34	86.3	4036F 6	4327F17	4430F20	4964
32	86.0	4047F 7	4339F17	4444F20	4966
30	85.7	4059F 7	4352F17	4457F20	4968
20	84.3	4115F 9	4417F19	4520D22	4976
10	82.8	4172F10	4483F21	4579D24	4973
0	81.3	4233F12	4547D23	4646D26	4984
-10	79.8	4296F14	4609D24	4708D28	4988
-20	78.3	4362F16	4673D26	4772D30	4985
-30	76.7	4429F18	4735D29	4837D32	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-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.8	4011F20	4256F24	4344F26
46	90.9	4084F21	4333F25	4421F27
44	90.8	4139F22	4390F26	4479F28
42	90.5	4173F22	4428F27	4518F29
40	90.2	4186F22	4442F27	4533F29
38	89.9	4196F23	4453F27	4545F29
36	89.7	4206F23	4464F28	4554F29
34	89.4	4216F23	4476F28	4566F29
32	89.1	4226F23	4487F28	4578F30
30	88.8	4237F23	4499F28	4591F30
20	87.3	4290F24	4558F29	4653F31
10	85.8	4343F25	4618F30	4713F32
0	84.2	4402F26	4683F31	4779F33
-10	82.7	4457F27	4745F32	4844F34
-20	81.1	4516F28	4809F34	4909F35
-30	79.5	4576F30	4872F35	4936^36

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	3926F 5	4215F15	4319F18	4725
46	90.9	3995F 6	4287F16	4391F19	4844
44	90.8	4042F 6	4339F16	4445F20	4901
42	90.5	4071F 7	4372F17	4480F20	4947
40	90.2	4085F 7	4388F17	4496F21	4959
38	89.9	4096F 7	4401F18	4509F21	4961
36	89.7	4107F 8	4413F18	4523F21	4962
34	89.4	4117F 8	4426F18	4536F22	4964
32	89.1	4129F 8	4440F19	4550F22	4966
30	88.8	4141F 9	4453F19	4564F22	4968
20	87.3	4201F10	4522F21	4635F24	4976
10	85.8	4260F12	4592F23	4706F26	4973
0	84.2	4328F14	4667F25	4779D28	4984
-10	82.7	4395F16	4742F27	4844D30	4988
-20	81.1	4465F18	4809D29	4909D32	4985
-30	79.5	4536F20	4872D31	4936D35	4983

High QNH **+80** per .10" Engine A/I ON **-520**
Low QNH **-150** per .10" Wing A/I ON **-520**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4011F20-20-31	4256F24-24-35	4344F26-26-36	4433F28-28-38
46	90.9	4084F21-21-32	4333F25-25-36	4421F27-27-37	4513F29-29-39
44	90.8	4139F22-22-33	4390F26-26-37	4479F28-28-38	4572F30-30-40
42	90.5	4173F22-22-34	4428F27-27-37	4518F29-29-39	4610F30-30-40
40	90.2	4186F22-22-34	4442F27-27-38	4533F29-29-39	4625F30-30-40
38	89.9	4196F23-23-34	4453F27-27-38	4545F29-29-39	4637F31-31-41
36	89.7	4206F23-23-34	4464F28-28-38	4554F29-29-39	4649F31-31-41
34	89.4	4216F23-23-34	4476F28-28-38	4566F29-29-39	4660F31-31-41
32	89.1	4226F23-23-34	4487F28-28-38	4578F30-30-40	4672F31-31-41
30	88.8	4237F23-23-35	4499F28-28-39	4591F30-30-40	4685F31-31-41
20	87.3	4290F24-24-35	4558F29-29-39	4653F31-31-41	4747F33-33-42
10	85.8	4343F25-25-36	4618F30-30-40	4713F32-32-42	4809F34-34-43
0	84.2	4402F26-26-37	4683F31-31-41	4779F33-33-43	4876F35-35-44
-10	82.7	4457F27-27-38	4745F32-32-42	4844F34-34-44	4945F36-36-45
-20	81.1	4516F28-28-39	4809F34-34-43	4909F35-35-44	4985C36-36-46
-30	79.5	4576F30-30-40	4872F35-35-44	4936^36-36-45	4979^36-36-45

High QNH **+80** per .10" Engine A/I ON **-520**
Low QNH **-150** per .10" Wing A/I ON **-520**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	16	Length	6585	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.05
Rwy Rev.		Program						Rules	FAA		**03 Jul 19**

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LOS MOCHIS -LMM 27 *DT H272*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4011F20	4256F24	4344F26
46	4084F21	4333F25	4421F27
44	4139F22	4390F26	4479F28
42	4173F22	4428F27	4518F29
40	4186F22	4442F27	4533F29
38	4196F23	4453F27	4545F29
36	4206F23	4464F28	4554F29
34	4216F23	4476F28	4566F29
32	4226F23	4487F28	4578F30
30	4237F23	4499F28	4591F30
20	4290F24	4558F29	4653F31
10	4343F25	4618F30	4713F32
0	4402F26	4683F31	4779F33
-10	4457F27	4745F32	4844F34

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

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

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4002F20	4247F24	4334F26
46	4075F21	4323F25	4411F27
44	4129F21	4380F26	4469F28
42	4164F22	4418F27	4508F28
40	4177F22	4432F27	4523F29
38	4187F22	4444F27	4535F29
36	4197F23	4455F27	4547F29
34	4207F23	4466F28	4558F29
32	4217F23	4478F28	4569F29
30	4228F23	4490F28	4581F30
20	4281F24	4548F29	4644F31
10	4303F25	4577F30	4669F31
0	4363F26	4641F31	4737F33
-10	4417F27	4699F32	4798F34

High QNH **+80** 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 9 -10T	+0	+10H
48	3926F 5	4215F15	4319F18
46	3995F 6	4287F16	4391F19
44	4042F 6	4339F16	4445F20
42	4071F 7	4372F17	4480F20
40	4085F 7	4388F17	4496F21
38	4096F 7	4401F18	4509F21
36	4107F 8	4413F18	4523F21
34	4117F 8	4426F18	4536F22
32	4129F 8	4440F19	4550F22
30	4141F 9	4453F19	4564F22
20	4201F10	4522F21	4635F24
10	4260F12	4592F23	4706F26
0	4328F14	4667F25	4779D28
-10	4395F16	4742F27	4844D30

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

Engine A/I ON **-420**
Wing A/I ON **-420**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	3920F 5	4208F15	4311F18
46	3988F 5	4279F16	4383F19
44	4036F 6	4331F16	4437F20
42	4064F 7	4365F17	4472F20
40	4079F 7	4380F17	4488F21
38	4090F 7	4393F18	4502F21
36	4099F 8	4406F18	4515F21
34	4111F 8	4419F18	4528F22
32	4123F 8	4432F19	4542F22
30	4135F 9	4446F19	4556F22
20	4195F10	4515F21	4627F24
10	4225F12	4555F23	4667F26
0	4292F14	4630F25	4737D28
-10	4357F16	4699D27	4798D30

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

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

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		3332F98	3957F 0
26		3506F98	3971F 0
24		3675F98	3983F 1
22		3826F98	3996F 1
20		3906F98	4008F 1
18		3917F98	4021F 2
16		3927F99	4032F 2
14		3939F99	4045F 3
12		3953F99	4057F 3
10		3966F 0	4068F 3
0		4034F 2	4135F 5
-10		4097F 4	4201F 7
-20		4161F 6	4272F 9
-30	2689F 2	4230F 8	4342F12

High QNH **+80** per .10"
Low QNH **-880** per .10"

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

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3346F 2	3619F 4
26		3380F 2	3638F 5
24		3410F 3	3658F 5
22	2661F96	3445F 3	3674F 5
20	2681F96	3480F 3	3692F 5
18	2699F96	3521F 3	3713F 6
16	2718F97	3560F 3	3734F 6
14	2743F97	3576F 3	3755F 6
12	2770F97	3591F 4	3778F 6
10	2770F97	3611F 4	3791F 7
0	2930F99	3710F 5	3914F 8
-10	3065F 0	3828F 7	4002F10
-20	3208F 1	3934F 8	4086^12
-30	3373F 2	4023F10	4190F13

High QNH **+40** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-420**
Wing A/I ON **-420**

LEVEL 3 CONTAM

Flaps

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	**03 Jul 19**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D2.5 ZLO	**300'**	**RT H135**	**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	4081F21	4329F26	4417F27	4017F 8	4303F17	4405F20	4722
46	87.7	4153F22	4404F27	4494F28	4085F 8	4375F18	4478F21	4842
44	87.6	4197F23	4451F27	4540F29	4128F 8	4420F18	4523F21	4900
42	87.4	4213F23	4467F28	4558F29	4144F 9	4437F19	4542F22	4947
40	87.1	4228F23	4484F28	4573F30	4159F 9	4455F19	4559F22	4959
38	86.9	4238F23	4495F28	4584F30	4170F 9	4467F19	4572F22	4961
36	86.6	4248F24	4506F28	4596F30	4181F10	4480F20	4585F23	4962
34	86.3	4258F24	4517F29	4608F30	4193F10	4493F20	4599F23	4964
32	86.0	4268F24	4529F29	4620F30	4204F10	4506F20	4613F23	4966
30	85.7	4279F24	4541F29	4633F31	4216F11	4519F21	4625F24	4968
20	84.3	4333F25	4601F30	4695F32	4275F12	4588F22	4695D26	4976
10	82.8	4388F26	4663F31	4756F33	4336F14	4656F24	4756D27	4973
0	81.3	4448F27	4727F32	4823F34	4403F16	4727D26	4823D29	4984
-10	79.8	4503F28	4790F33	4886F35	4469F18	4790D28	4886D31	4988
-20	78.3	4564F29	4854F34	4930^36	4538F20	4854D30	4930D34	4985
-30	76.7	4624F30	4878^35	4922^35	4607F22	4878D33	4922D36	4983

High QNH **+10** per .10" Engine A/I ON **-720**
Low QNH **-150** per .10" Wing A/I ON **-720**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4172F23	4426F28	4511F29	4080F 9	4379F19	4483F22	4722
46	90.9	4248F24	4505F29	4593F30	4150F 9	4453F19	4559F22	4842
44	90.8	4305F25	4564F29	4655F31	4201F10	4508F20	4614F23	4900
42	90.5	4343F25	4605F30	4695F32	4232F10	4543F21	4652F24	4947
40	90.2	4357F26	4620F30	4711F32	4247F11	4560F21	4669F24	4959
38	90.0	4368F26	4633F31	4723F32	4259F11	4574F21	4683F24	4961
36	89.7	4379F26	4644F31	4734F32	4269F11	4587F22	4697F25	4962
34	89.4	4389F26	4656F31	4746F33	4281F12	4599F22	4710F25	4964
32	89.1	4400F26	4668F31	4758F33	4294F12	4613F22	4725F25	4966
30	88.8	4411F27	4680F31	4771F33	4306F12	4628F23	4739F26	4968
20	87.3	4466F28	4741F32	4834F34	4370F14	4699F24	4813F28	4976
10	85.8	4523F29	4801F33	4896F35	4435F16	4771F26	4887F30	4973
0	84.2	4586F30	4866F35	4953^36	4506F18	4850F28	4953^32	4984
-10	82.7	4646F31	4911^35	4952^36	4577F20	4911^30	4952D34	4988
-20	81.1	4707F32	4903^35	4945^36	4649F22	4903D33	4945D36	4985
-30	79.5	4765^33	4893^35	4936^36	4723F24	4893D35	4936D36	4983

High QNH **+10** per .10" Engine A/I ON **-860**
Low QNH **-160** per .10" Wing A/I ON **-860**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4172F23-23-34	4426F28-28-37	4511F29-29-39	4599F31-31-40
46	90.9	4248F24-24-35	4505F29-29-39	4593F30-30-40	4682F32-32-41
44	90.8	4305F25-25-36	4564F29-29-39	4655F31-31-41	4745F33-33-42
42	90.5	4343F25-25-36	4605F30-30-40	4695F32-32-41	4786F33-33-43
40	90.2	4357F26-26-36	4620F30-30-40	4711F32-32-42	4802F34-34-43
38	90.0	4368F26-26-37	4633F31-31-40	4723F32-32-42	4815F34-34-43
36	89.7	4379F26-26-37	4644F31-31-41	4734F32-32-42	4827F34-34-43
34	89.4	4389F26-26-37	4656F31-31-41	4746F33-33-42	4839F34-34-43
32	89.1	4400F26-26-37	4668F31-31-41	4758F33-33-42	4852F34-34-44
30	88.8	4411F27-27-37	4680F31-31-41	4771F33-33-42	4865F35-35-44
20	87.3	4466F28-28-38	4741F32-32-42	4834F34-34-43	4930F36-36-45
10	85.8	4523F29-29-39	4801F33-33-43	4896F35-35-44	4973C36-36-45
0	84.2	4586F30-30-40	4866F35-35-44	4953^36-36-45	4984C36-36-46
-10	82.7	4646F31-31-41	4911^35-35-44	4952^36-36-45	4988C37-37-46
-20	81.1	4707F32-32-42	4903^35-35-44	4945^36-36-45	5000C43-43-52
-30	79.5	4765^33-33-42	4893^35-35-44	4990F43-43-51	4996C43-43-52

High QNH **+10** per .10" Engine A/I ON **-860**
Low QNH **-160** per .10" Wing A/I ON **-860**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	30	Length	7238	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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MANZANILLO/MEXICO -ZLO 10 *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	Flaps -10T	+0	+10H
48	4172F23	4426F28	4511F29	4163F23	4417F27	4501F29			
46	4248F24	4505F29	4593F30	4239F24	4495F28	4583F30			
44	4305F25	4564F29	4655F31	4295F25	4555F29	4644F31			
42	4343F25	4605F30	4695F32	4333F25	4594F30	4684F32			
40	4357F26	4620F30	4711F32	4348F25	4610F30	4700F32			
38	4368F26	4633F31	4723F32	4359F26	4622F30	4712F32			
36	4379F26	4644F31	4734F32	4369F26	4634F31	4724F32			
34	4389F26	4656F31	4746F33	4380F26	4646F31	4736F32			
32	4400F26	4668F31	4758F33	4391F26	4658F31	4748F33			
30	4411F27	4680F31	4771F33	4402F26	4670F31	4761F33			
20	4466F28	4741F32	4834F34	4457F27	4731F32	4824F34			
10	4523F29	4801F33	4896F35	4484F28	4757F33	4851F35			
0	4586F30	4866F35	4953^36	4545F29	4825F34	4867^35			
-10	4646F31	4911^35	4952^36	4603F30	4824^34	4864^35			
	High QNH +10 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 -860 Wing A/I ON -860			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	4080F 9	4379F19	4483F22	4073F 9	4371F19	4475F22			
46	4150F 9	4453F19	4559F22	4144F 9	4444F19	4551F22			
44	4201F10	4508F20	4614F23	4194F10	4499F20	4607F23			
42	4232F10	4543F21	4652F24	4225F10	4535F20	4643F24			
40	4247F11	4560F21	4669F24	4240F11	4552F21	4661F24			
38	4259F11	4574F21	4683F24	4252F11	4566F21	4675F24			
36	4269F11	4587F22	4697F25	4264F11	4579F21	4688F25			
34	4281F12	4599F22	4710F25	4274F12	4593F22	4702F25			
32	4294F12	4613F22	4725F25	4287F12	4605F22	4716F25			
30	4306F12	4628F23	4739F26	4299F12	4619F22	4731F26			
20	4370F14	4699F24	4813F28	4364F14	4691F24	4804F28			
10	4435F16	4771F26	4887F30	4397F16	4731F26	4848F29			
0	4506F18	4850F28	4953^32	4469F18	4811F28	4867D32			
-10	4577F20	4911^30	4952D34	4538F20	4824D31	4864D34			
	High QNH +10 per .10" Low QNH -150 per .10"			High QNH +10 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -860 Wing A/I ON -860			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	3294F92	4208^99	4257^ 3	2957F98	3638F 5	3823F 7			
26	3331F92	4210^ 0	4259^ 3	2973F98	3655F 5	3846F 8			
24	3366F92	4212^ 0	4261^ 3	2994F98	3672F 5	3867F 8			
22	3399F92	4213^ 0	4263^ 4	3009F99	3691F 6	3883F 8			
20	3427F93	4215^ 1	4265^ 4	3030F99	3710F 6	3900F 8			
18	3463F93	4216^ 1	4266^ 5	3042F99	3729F 6	3918F 9			
16	3500F93	4216^ 1	4266^ 5	3066F99	3748F 6	3930F 9			
14	3535F93	4214^ 2	4265^ 5	3086F 0	3771F 7	3942F 9			
12	3569F93	4213^ 2	4264^ 6	3102F 0	3793F 7	3967F10			
10	3604F94	4215^ 3	4265^ 6	3128F 0	3817F 7	3985F10			
0	3777F95	4225^ 5	4277^ 9	3254F 1	3922F 9	4074F12			
-10	3823F97	4228^ 7	4281^11	3410F 3	4004F10	4177F13			
-20	3995F98	4228^10	4280D14		4097F12				
-30	4060^ 0	4226D12	4271D15		4212F14	4269^15			
	High QNH +10 per .10" Low QNH -10 per .10"			High QNH +40 per .10" Low QNH -120 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -690 Wing A/I ON -690			Engine A/I ON -520 Wing A/I ON -520			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		**26 Oct 17**

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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	4081F21	4329F26	4417F27	4017F 8	4303F17	4405F20	4722
46	87.7	4153F22	4404F27	4494F28	4085F 8	4375F18	4478F21	4842
44	87.6	4197F23	4451F27	4540F29	4128F 8	4420F18	4523F21	4900
42	87.4	4213F23	4467F28	4558F29	4144F 9	4437F19	4542F22	4947
40	87.1	4228F23	4484F28	4573F30	4159F 9	4455F19	4559F22	4959
38	86.9	4238F23	4495F28	4584F30	4170F 9	4467F19	4572F22	4961
36	86.6	4248F24	4506F28	4596F30	4181F10	4480F20	4585F23	4962
34	86.3	4258F24	4517F29	4608F30	4193F10	4493F20	4599F23	4964
32	86.0	4268F24	4529F29	4620F30	4204F10	4506F20	4613F23	4966
30	85.7	4279F24	4541F29	4633F31	4216F11	4519F21	4625F24	4968
20	84.3	4333F25	4601F30	4695F32	4275F12	4588F22	4695D26	4976
10	82.8	4388F26	4663F31	4756F33	4336F14	4656F24	4756D27	4973
0	81.3	4448F27	4727F32	4823F34	4403F16	4727D26	4823D29	4984
-10	79.8	4503F28	4790F33	4886F35	4469F18	4790D28	4886D31	4988
-20	78.3	4564F29	4854F34	4930^36	4538F20	4854D30	4930D34	4985
-30	76.7	4624F30	4878^35	4922^35	4607F22	4878D33	4922D36	4983

High QNH **+10** per .10" — Engine A/I ON **-720**
Low QNH **-150** per .10" — Wing A/I ON **-720**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4172F23	4426F28	4511F29	4080F 9	4379F19	4483F22	4722
46	90.9	4248F24	4505F29	4593F30	4150F 9	4453F19	4559F22	4842
44	90.8	4305F25	4564F29	4655F31	4201F10	4508F20	4614F23	4900
42	90.5	4343F25	4605F30	4695F32	4232F10	4543F21	4652F24	4947
40	90.2	4357F26	4620F30	4711F32	4247F11	4560F21	4669F24	4959
38	90.0	4368F26	4633F31	4723F32	4259F11	4574F21	4683F24	4961
36	89.7	4379F26	4644F31	4734F32	4269F11	4587F22	4697F25	4962
34	89.4	4389F26	4656F31	4746F33	4281F12	4599F22	4710F25	4964
32	89.1	4400F26	4668F31	4758F33	4294F12	4613F22	4725F25	4966
30	88.8	4411F27	4680F31	4771F33	4306F12	4628F23	4739F26	4968
20	87.3	4466F28	4741F32	4834F34	4370F14	4699F24	4813F28	4976
10	85.8	4523F29	4801F33	4896F35	4435F16	4771F26	4887F30	4973
0	84.2	4586F30	4866F35	4953^36	4506F18	4850F28	4953^32	4984
-10	82.7	4646F31	4911^35	4952^36	4577F20	4911^30	4952D34	4988
-20	81.1	4707F32	4903^35	4945^36	4649F22	4903D33	4945D36	4985
-30	79.5	4765^33	4893^35	4936^36	4723F24	4893D35	4936D36	4983

High QNH **+10** per .10" — Engine A/I ON **-860**
Low QNH **-160** per .10" — Wing A/I ON **-860**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4172F23-23-34	4426F28-28-37	4511F29-29-39	4599F31-31-40
46	90.9	4248F24-24-35	4505F29-29-39	4593F30-30-40	4682F32-32-41
44	90.8	4305F25-25-36	4564F29-29-39	4655F31-31-41	4745F33-33-42
42	90.5	4343F25-25-36	4605F30-30-40	4695F32-32-41	4786F33-33-43
40	90.2	4357F26-26-36	4620F30-30-40	4711F32-32-42	4802F34-34-43
38	90.0	4368F26-26-37	4633F31-31-40	4723F32-32-42	4815F34-34-43
36	89.7	4379F26-26-37	4644F31-31-41	4734F32-32-42	4827F34-34-43
34	89.4	4389F26-26-37	4656F31-31-41	4746F33-33-42	4839F34-34-43
32	89.1	4400F26-26-37	4668F31-31-41	4758F33-33-42	4852F34-34-44
30	88.8	4411F27-27-37	4680F31-31-41	4771F33-33-42	4865F35-35-44
20	87.3	4466F28-28-38	4741F32-32-42	4834F34-34-43	4930F36-36-45
10	85.8	4523F29-29-39	4801F33-33-43	4896F35-35-44	4973C36-36-45
0	84.2	4586F30-30-40	4866F35-35-44	4953^36-36-45	4984C36-36-46
-10	82.7	4646F31-31-41	4911^35-35-44	4952^36-36-45	4988C37-37-46
-20	81.1	4707F32-32-42	4903^35-35-44	4945^36-36-45	5000C43-43-52
-30	79.5	4765^33-33-42	4893^35-35-44	4990F43-43-51	4996C43-43-52

High QNH **+10** per .10" — Engine A/I ON **-860**
Low QNH **-160** per .10" — Wing A/I ON **-860**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	30	Length	7238	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**26 Oct 17**

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MANZANILLO/MEXICO -ZLO 28 *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	Flaps -10T	+0	+10H
48	4172F23	4426F28	4511F29	4163F23	4417F27	4501F29			
46	4248F24	4505F29	4593F30	4239F24	4495F28	4583F30			
44	4305F25	4564F29	4655F31	4295F25	4555F29	4644F31			
42	4343F25	4605F30	4695F32	4333F25	4594F30	4684F32			
40	4357F26	4620F30	4711F32	4348F25	4610F30	4700F32			
38	4368F26	4633F31	4723F32	4359F26	4622F30	4712F32			
36	4379F26	4644F31	4734F32	4369F26	4634F31	4724F32			
34	4389F26	4656F31	4746F33	4380F26	4646F31	4736F32			
32	4400F26	4668F31	4758F33	4391F26	4658F31	4748F33			
30	4411F27	4680F31	4771F33	4402F26	4670F31	4761F33			
20	4466F28	4741F32	4834F34	4457F27	4731F32	4824F34			
10	4523F29	4801F33	4896F35	4484F28	4757F33	4851F35			
0	4586F30	4866F35	4953^36	4545F29	4825F34	4867^35			
-10	4646F31	4911^35	4952^36	4603F30	4824^34	4864^35			
	High QNH +10 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 -860 Wing A/I ON -860			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	4080F 9	4379F19	4483F22	4073F 9	4371F19	4475F22			
46	4150F 9	4453F19	4559F22	4144F 9	4444F19	4551F22			
44	4201F10	4508F20	4614F23	4194F10	4499F20	4607F23			
42	4232F10	4543F21	4652F24	4225F10	4535F20	4643F24			
40	4247F11	4560F21	4669F24	4240F11	4552F21	4661F24			
38	4259F11	4574F21	4683F24	4252F11	4566F21	4675F24			
36	4269F11	4587F22	4697F25	4264F11	4579F21	4688F25			
34	4281F12	4599F22	4710F25	4274F12	4593F22	4702F25			
32	4294F12	4613F22	4725F25	4287F12	4605F22	4716F25			
30	4306F12	4628F23	4739F26	4299F12	4619F22	4731F26			
20	4370F14	4699F24	4813F28	4364F14	4691F24	4804F28			
10	4435F16	4771F26	4887F30	4397F16	4731F26	4848F29			
0	4506F18	4850F28	4953^32	4469F18	4811F28	4867D32			
-10	4577F20	4911^30	4952D34	4538F20	4824D31	4864D34			
	High QNH +10 per .10" Low QNH -150 per .10"			High QNH +10 per .10" Low QNH -150 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -860 Wing A/I ON -860			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	3294F92	4208^99	4257^ 3	2957F98	3638F 5	3823F 7			
26	3331F92	4210^ 0	4259^ 3	2973F98	3655F 5	3846F 8			
24	3366F92	4212^ 0	4261^ 3	2994F98	3672F 5	3867F 8			
22	3399F92	4213^ 0	4263^ 4	3009F99	3691F 6	3883F 8			
20	3427F93	4215^ 1	4265^ 4	3030F99	3710F 6	3900F 8			
18	3463F93	4216^ 1	4266^ 5	3042F99	3729F 6	3918F 9			
16	3500F93	4216^ 1	4266^ 5	3066F99	3748F 6	3930F 9			
14	3535F93	4214^ 2	4265^ 5	3086F 0	3771F 7	3942F 9			
12	3569F93	4213^ 2	4264^ 6	3102F 0	3793F 7	3967F10			
10	3604F94	4215^ 3	4265^ 6	3128F 0	3817F 7	3985F10			
0	3777F95	4225^ 5	4277^ 9	3254F 1	3922F 9	4074F12			
-10	3823F97	4228^ 7	4281^11	3410F 3	4004F10	4177F13			
-20	3995F98	4228^10	4280D14		4097F12				
-30	4060^ 0	4226D12	4271D15		4212F14	4269^15			
	High QNH +10 per .10" Low QNH -10 per .10"			High QNH +40 per .10" Low QNH -120 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -690 Wing A/I ON -690			Engine A/I ON -520 Wing A/I ON -520			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		**26 Oct 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		700'		RT H260	1038'	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	87.6	4384^27	4521^30	4557^30
48	87.6	4431^28	4569^30	4607^31
46	87.7	4520^29	4660^31	4707^32
44	87.6	4571^30	4713^32	4763^33
42	87.4	4587^30	4730^32	4781^33
40	87.1	4603^30	4747^33	4796^33
38	86.9	4611^30	4756^33	4803^34
36	86.6	4620^30	4765^33	4810^34
34	86.3	4628^30	4774^33	4817^34
32	86.0	4637^31	4783^33	4824^34
30	85.7	4645^31	4792^33	4832^34
28	85.5	4653^31	4800^33	4839^34
26	85.2	4661^31	4808^34	4847^34
24	84.9	4669^31	4815^34	4854^34
22	84.6	4677^31	4824^34	4861^34
10	82.8	4719^32	4863^34	4913^35

ALT TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4350^18	4521D27	4557D30	4661
4391^18	4569D28	4607D31	4721
4473^18	4660D28	4707D31	4840
4521^19	4713D29	4763D32	4899
4539^19	4730D29	4781D32	4947
4556^20	4747D29	4796D32	4959
4565^20	4756D30	4803D33	4961
4576^20	4765D30	4810D33	4962
4586^21	4774D30	4817D34	4964
4597^21	4783D31	4824D34	4966
4608^21	4792D31	4832D34	4968
4619^22	4800D32	4839D35	4970
4630^22	4808D32	4847D35	4971
4640^22	4815D32	4854D35	4973
4650^23	4824D33	4861D36	4975
4705^25	4863D35	4913D36	4972

High QNH **+60** per .10" Engine A/I ON **-630**
Low QNH **-160** per .10" Wing A/I ON **-630**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	90.8	4433^28	4563^30	4606^31
48	90.8	4481^29	4613^31	4653^32
46	90.9	4577^30	4715^32	4747^33
44	90.8	4638^31	4776^33	4811^34
42	90.5	4666^31	4804^34	4843^34
40	90.2	4681^31	4818^34	4859^34
38	90.0	4688^32	4826^34	4869^35
36	89.7	4694^32	4832^34	4878^35
34	89.4	4701^32	4838^34	4887^35
32	89.1	4710^32	4846^34	4897^35
30	88.8	4719^32	4853^34	4907^35
28	88.5	4728^32	4860^34	4917^35
26	88.2	4736^32	4869^35	4927^36
24	87.9	4746^33	4879^35	4937^36
22	87.6	4755^33	4889^35	4947^36
10	85.8	4795^33	4908^35	4946^36

TO-1 - WET RWY

Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
4400^19	4563D29	4606D31	4661
4445^20	4613D29	4653D32	4721
4533^20	4715D30	4747D33	4840
4591^21	4776D31	4811D34	4899
4619^21	4804D31	4843D35	4947
4635^22	4818D32	4859D35	4959
4645^22	4826D32	4869D35	4961
4654^22	4832D33	4878D36	4962
4663^23	4838D33	4887D36	4964
4672^23	4846D33	4897D36	4966
4683^24	4853D34	4907D36	4968
4692^24	4860D34	4917D36	4970
4702^24	4869D34	4927D36	4971
4713^25	4879D35	4937D36	4973
4724^25	4889D35	4947D36	4975
4790^28	4908D35	4946D36	4972

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

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
49	90.8	4433^28-28-38	4563^30-30-39	4606^31-31-40	4649^32-32-41
48	90.8	4481^29-29-38	4613^31-31-40	4653^32-32-41	4708^33-33-42
46	90.9	4577^30-30-40	4715^32-32-42	4747^33-33-42	4804^34-34-43
44	90.8	4638^31-31-41	4776^33-33-43	4811^34-34-43	4867^35-35-44
42	90.5	4666^31-31-41	4804^34-34-43	4843^34-34-43	4901^35-35-44
40	90.2	4681^31-31-41	4818^34-34-43	4859^34-34-44	4917^35-35-45
38	90.0	4688^32-32-41	4826^34-34-43	4869^35-35-44	4927^36-36-45
36	89.7	4694^32-32-41	4832^34-34-43	4878^35-35-44	4937^36-36-45
34	89.4	4701^32-32-41	4838^34-34-43	4887^35-35-44	4946^36-36-45
32	89.1	4710^32-32-42	4846^34-34-44	4897^35-35-44	4956^36-36-45
30	88.8	4719^32-32-42	4853^34-34-44	4907^35-35-44	4966^36-36-45
28	88.5	4728^32-32-42	4860^34-34-44	4917^35-35-45	4970C36-36-45
26	88.2	4736^32-32-42	4869^35-35-44	4927^36-36-45	4971C36-36-45
24	87.9	4746^33-33-42	4879^35-35-44	4937^36-36-45	4973C36-36-45
22	87.6	4755^33-33-42	4889^35-35-44	4947^36-36-45	4975C36-36-45
10	85.8	4795^33-33-43	4908^35-35-44	4946^36-36-45	4972C36-36-45

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

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	38	Length	8868	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.20
Rwy Rev.		Program						Rules	FAA		**08 Oct 21**

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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	4613^31	4653^32	4474^29	4607^31	4645^32			
46	4577^30	4715^32	4747^33	4569^30	4707^32	4741^33			
44	4638^31	4776^33	4811^34	4631^31	4769^33	4803^34			
42	4666^31	4804^34	4843^34	4659^31	4797^33	4834^34			
40	4681^31	4818^34	4859^34	4673^31	4811^34	4850^34			
38	4688^32	4826^34	4869^35	4681^31	4819^34	4861^35			
36	4694^32	4832^34	4878^35	4688^32	4826^34	4870^35			
34	4701^32	4838^34	4887^35	4695^32	4833^34	4880^35			
32	4710^32	4846^34	4897^35	4703^32	4840^34	4890^35			
30	4719^32	4853^34	4907^35	4711^32	4847^34	4900^35			
28	4728^32	4860^34	4917^35	4721^32	4854^34	4910^35			
26	4736^32	4869^35	4927^36	4730^32	4862^34	4920^35			
24	4746^33	4879^35	4937^36	4738^32	4872^35	4930^36			
10	4795^33	4908^35	4946^36	4711^32	4823^34	4860^35			
	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 -840			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON -840			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	4445^20	4613D29	4653D32	4438^19	4607D29	4645D32			
46	4533^20	4715D30	4747D33	4526^20	4707D30	4741D33			
44	4591^21	4776D31	4811D34	4583^21	4769D30	4803D34			
42	4619^21	4804D31	4843D35	4613^21	4797D31	4834D34			
40	4635^22	4818D32	4859D35	4629^22	4811D32	4850D35			
38	4645^22	4826D32	4869D35	4638^22	4819D32	4861D35			
36	4654^22	4832D33	4878D36	4647^22	4826D32	4870D36			
34	4663^23	4838D33	4887D36	4657^23	4833D33	4880D36			
32	4672^23	4846D33	4897D36	4666^23	4840D33	4890D36			
30	4683^24	4853D34	4907D36	4676^23	4847D34	4900D36			
28	4692^24	4860D34	4917D36	4686^24	4854D34	4910D36			
26	4702^24	4869D34	4927D36	4696^24	4862D34	4920D36			
24	4713^25	4879D35	4937D36	4706^25	4872D35	4930D36			
10	4790^28	4908D35	4946D36	4710^28	4823D34	4860D35			
	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 -840			Engine A/I ON +0			Engine A/I ON		
	Wing A/I ON -840			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	4148F 2	4410F12	4501^15	3815F 7	4068F16	4158F19			
26	4158F 2	4423F12	4512^15	3825F 7	4078F16	4171F19			
24	4169F 2	4436F12	4523^16	3835F 7	4092F17	4183F20			
22	4180F 3	4448F13	4536^16	3846F 8	4101F17	4194F20			
20	4191F 3	4459F13	4548^16	3856F 8	4114F17	4207F20			
15	4216F 4	4492F14	4578^17	3880F 9	4143F18	4240F21			
10	4245F 5	4520^15	4605^19	3908F10	4175F19	4272F22			
5	4275F 6	4552^16	4638^20	3937F11	4208F20	4308F23			
0	4306F 7	4586^17	4670^21	3965F11	4241F21	4344F24			
-5	4338F 8	4617^18	4702^22	3994F12	4276F22	4380F25			
-10	4367F 9	4647^19	4730^23	4021F13	4308F23	4417F26			
-15	4397F10	4677^21	4759^24	4049F14	4346F24	4453F27			
-20	4430F11	4709^22	4795^25	4076F15	4380F25	4492F28			
-25	4463F12	4738^23	4827^26	4106F16	4417F26	4538F29			
	High QNH +80 per .10"			High QNH +70 per .10"			High QNH per .10"		
	Low QNH -60 per .10"			Low QNH -60 per .10"			Low QNH per .10"		
	Engine A/I ON -540			Engine A/I ON -480			Engine A/I ON		
	Wing A/I ON -540			Wing A/I ON -480			Wing A/I ON		

Elevation 38 Length 8868 Shift **0** Clearway 0 Stopway 0 Slope +0.20

Rwy Rev. Program Rules FAA **08 Oct 21**

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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
49	87.6	4479^29	4578^31	4610^31
48	87.6	4537^30	4636^31	4669^32
46	87.7	4632F31	4749^33	4783^33
44	87.6	4681F32	4833^34	4868^35
42	87.4	4699F32	4885^35	4920^36
40	87.1	4716F32	4893^35	4928^36
38	86.9	4727F32	4895^35	4930^36
36	86.6	4738F32	4896^35	4932^36
34	86.3	4749F33	4898^35	4933^36
32	86.0	4761F33	4899^35	4935^36
30	85.7	4773F33	4900^35	4936^36
28	85.5	4785F33	4901^35	4937^36
26	85.2	4793^33	4902^35	4938^36
24	84.9	4793^33	4903^35	4939^36
22	84.6	4793^33	4904^35	4940^36
10	82.8	4783^33	4896^35	4935^36

ALT TO-1 - WET RWY

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	4429F17	4578D27	4610D30	4661
48	4466F17	4636D27	4669D31	4721
46	4541F18	4748^28	4783D31	4840
44	4588F18	4831^28	4868D31	4899
42	4605F19	4882^28	4920D31	4947
40	4623F19	4890^28	4928D32	4959
38	4635F19	4893^29	4930D32	4961
36	4648F20	4895^29	4932D33	4962
34	4662F20	4896^30	4933D33	4964
32	4675F20	4898^30	4935D34	4966
30	4689F21	4900^31	4936D34	4968
28	4703F21	4901D31	4937D34	4970
26	4716F21	4902D32	4938D35	4971
24	4730F22	4903D32	4939D35	4973
22	4744F22	4904D32	4940D36	4975
10	4778^25	4896D35	4935D36	4972

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

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	90.8	4491^29	4589^31	4620^31
48	90.8	4549^30	4646^32	4679^32
46	90.9	4662^31	4761^33	4794^34
44	90.8	4745^33	4846^34	4880^35
42	90.5	4800^33	4901^35	4936^36
40	90.2	4806^34	4910^35	4944^36
38	90.0	4808^34	4912^35	4946^36
36	89.7	4809^34	4913^35	4948^36
34	89.4	4809^34	4914^35	4949^36
32	89.1	4810^34	4916^35	4950^36
30	88.8	4810^34	4917^35	4952^36
28	88.5	4811^34	4917^35	4953^36
26	88.2	4811^34	4918^35	4954^36
24	87.9	4811^34	4919^35	4955^36
22	87.6	4811^34	4920^35	4956^36
10	85.8	4800^33	4912^35	4950^36

TO-1 - WET RWY

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	4483^19	4589D29	4620D31	4661
48	4540^19	4646D29	4679D32	4721
46	4621F19	4761D30	4794D33	4840
44	4679F20	4846D30	4880D34	4899
42	4716F21	4901D31	4936D34	4947
40	4734F21	4910D31	4944D35	4959
38	4748F21	4912D32	4946D35	4961
36	4761F22	4913D32	4948D36	4962
34	4774F22	4914D33	4949D36	4964
32	4788F22	4916D33	4950D36	4966
30	4801^23	4917D33	4952D36	4968
28	4802^23	4917D34	4953D36	4970
26	4802^24	4918D34	4954D36	4971
24	4804^24	4919D35	4955D36	4973
22	4804^24	4920D35	4956D36	4975
10	4797^27	4912D35	4950D36	4972

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

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
49	90.8	4491^29-29-38	4693C38-38-47	4693C38-38-47	4693C38-38-47
48	90.8	4549^30-30-39	4741F39-39-48	4755C39-39-48	4755C39-39-48
46	90.9	4662^31-31-41	4827F40-40-49	4879C41-41-50	4879C41-41-50
44	90.8	4745^33-33-42	4891F41-41-50	4945C42-42-51	4945C42-42-51
42	90.5	4800^33-33-43	4938F42-42-51	4962C42-42-51	4962C42-42-51
40	90.2	4806^34-34-43	4955F42-42-51	4974C42-42-51	4974C42-42-51
38	90.0	4808^34-34-43	4968F42-42-51	4975C42-42-51	4975C42-42-51
36	89.7	4809^34-34-43	4976C42-42-51	4976C42-42-51	4976C42-42-51
34	89.4	4809^34-34-43	4977C42-42-51	4977C42-42-51	4977C42-42-51
32	89.1	4810^34-34-43	4979C42-42-51	4979C42-42-51	4979C42-42-51
30	88.8	4810^34-34-43	4981C42-42-51	4981C42-42-51	4981C42-42-51
28	88.5	4811^34-34-43	4982C42-42-51	4982C42-42-51	4982C42-42-51
26	88.2	4811^34-34-43	4984C42-42-51	4984C42-42-51	4984C42-42-51
24	87.9	4811^34-34-43	4986C42-42-51	4986C42-42-51	4986C42-42-51
22	87.6	4811^34-34-43	4988C43-43-51	4988C43-43-51	4988C43-43-51
10	85.8	4880F41-41-50	4986C42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+40** per .10" — Engine A/I ON **-840**
Low QNH **-170** per .10" — Wing A/I ON **-840**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	38	Length	8868	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.20
Rwy Rev.		Program						Rules	FAA		**08 Oct 21**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4549^30	4646^32	4679^32
46	4662^31	4761^33	4794^34
44	4745^33	4846^34	4880^35
42	4800^33	4901^35	4936^36
40	4806^34	4910^35	4944^36
38	4808^34	4912^35	4946^36
36	4809^34	4913^35	4948^36
34	4809^34	4914^35	4949^36
32	4810^34	4916^35	4950^36
30	4810^34	4917^35	4952^36
28	4811^34	4917^35	4953^36
26	4811^34	4918^35	4954^36
24	4811^34	4919^35	4955^36
10	4800^33	4912^35	4950^36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

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	4739^33	4841^34	4875^35
42	4794^33	4897^35	4931^36
40	4802^34	4905^35	4939^36
38	4804^34	4908^35	4942^36
36	4805^34	4909^35	4944^36
34	4805^34	4910^35	4945^36
32	4805^34	4911^35	4946^36
30	4806^34	4912^35	4947^36
28	4806^34	4913^35	4948^36
26	4806^34	4914^35	4949^36
24	4806^34	4915^35	4950^36
10	4715^32	4827^34	4864^35

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	4540^19	4646D29	4679D32
46	4621F19	4761D30	4794D33
44	4679F20	4846D30	4880D34
42	4716F21	4901D31	4936D34
40	4734F21	4910D31	4944D35
38	4748F21	4912D32	4946D35
36	4761F22	4913D32	4948D36
34	4774F22	4914D33	4949D36
32	4788F22	4916D33	4950D36
30	4801^23	4917D33	4952D36
28	4802^23	4917D34	4953D36
26	4802^24	4918D34	4954D36
24	4804^24	4919D35	4955D36
10	4797^27	4912D35	4950D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4534F19	4641D29	4673D32
46	4612F19	4755D30	4788D33
44	4670F20	4841D30	4875D33
42	4708F21	4897D31	4931D34
40	4725F21	4905^31	4939D35
38	4739F21	4908D32	4942D35
36	4752F22	4909D32	4944D35
34	4766F22	4910D32	4945D36
32	4780F22	4911D33	4946D36
30	4794F23	4912D33	4947D36
28	4797^23	4913D34	4948D36
26	4797^23	4914D34	4949D36
24	4799^24	4915D35	4950D36
10	4715^28	4827D34	4864D35

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	4184F 0	4446F10	4541F14
26	4195F 1	4459F11	4554F14
24	4205F 1	4472F11	4567F14
22	4217F 1	4484F11	4581F15
20	4228F 2	4498F12	4595F15
15	4254F 3	4528F13	4628F16
10	4281F 3	4561F14	4662F17
5	4313F 4	4596F15	4700F18
0	4345F 5	4633F16	4738F19
-5	4375F 6	4670F17	4776F20
-10	4404F 7	4706F18	4813F21
-15	4436F 9	4741F19	4850F23
-20	4469F10	4779F20	4888F24
-25	4501F11	4817F21	4904^25

High QNH **+80** per .10"
Low QNH **-70** per .10"

Engine A/I ON **-490**
Wing A/I ON **-490**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3834F 6	4092F15	4181F18
26	3844F 6	4102F16	4192F19
24	3855F 6	4114F16	4205F19
22	3865F 7	4126F16	4219F19
20	3875F 7	4137F17	4233F20
15	3900F 8	4167F18	4261F21
10	3927F 9	4197F18	4294F22
5	3955F10	4229F19	4329F22
0	3985F10	4265F20	4365F23
-5	4016F11	4300F21	4402F24
-10	4042F12	4331F22	4435F25
-15	4072F13	4365F23	4474F26
-20	4102F14	4401F24	4512F27
-25	4131F15	4438F25	4554F28

High QNH **+80** per .10"
Low QNH **-60** 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	38	Length	8868	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.20
Rwy Rev.		Program						Rules	FAA		**08 Oct 21**

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TAR Mexico **EMB-145** **AE3007A1**

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1036'		DT H106	1036'	

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
49	87.6	4401^27	4545^30	4595^31	4401D27	4545D31	4595D31	4662
48	87.6	4448^28	4595^31	4647^32	4448D27	4595D31	4647D32	4721
46	87.7	4545^29	4696^32	4749^33	4545D28	4696D33	4749D34	4840
44	87.6	4599^30	4752^33	4805^34	4599D28	4752D34	4805D34	4899
42	87.4	4617^30	4771^33	4825^34	4617D29	4771D34	4825D35	4947
40	87.1	4631^31	4786^33	4840^34	4631D29	4786D34	4840D35	4959
38	86.9	4638^31	4793^33	4846^34	4638D29	4793D34	4846D35	4961
36	86.6	4643^31	4798^33	4853^34	4643D30	4798D34	4853D35	4962
34	86.3	4650^31	4805^34	4859^34	4650D30	4805D34	4859D35	4964
32	86.0	4657^31	4813^34	4866^35	4657D31	4813D34	4866D35	4966
30	85.7	4664^31	4819^34	4873^35	4664D31	4819D35	4873D35	4968
28	85.5	4670^31	4826^34	4879^35	4670D31	4826D35	4879D36	4970
26	85.2	4677^31	4833^34	4887^35	4677D32	4833D35	4887D36	4971
24	84.9	4684^31	4840^34	4893^35	4684D32	4840D35	4893D36	4973
22	84.6	4691^32	4846^34	4900^35	4691D32	4846D35	4900D36	4975
10	82.8	4724^32	4879^35	4932^36	4724D33	4879D35	4932D36	4973

High QNH **+50** per .10" Engine A/I ON **-690**
Low QNH **-170** per .10" Wing A/I ON **-690**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4443^28	4583^31	4619^31	4443D29	4583D31	4619D31	4662
48	90.8	4493^29	4636^31	4677^32	4493D29	4636D32	4677D32	4721
46	90.9	4592^30	4739^33	4792^34	4592D30	4739D33	4792D34	4840
44	90.8	4653^31	4801^34	4853^34	4653D30	4801D34	4853D35	4899
42	90.5	4681^31	4830^34	4881^35	4681D31	4830D35	4881D36	4947
40	90.2	4695^32	4845^34	4897^35	4695D32	4845D35	4897D36	4959
38	90.0	4701^32	4851^34	4903^35	4701D32	4851D35	4903D36	4961
36	89.7	4707^32	4857^34	4908^35	4707D32	4857D35	4908D36	4962
34	89.4	4713^32	4863^35	4915^35	4713D33	4863D35	4915D36	4964
32	89.1	4720^32	4870^35	4921^35	4720D33	4870D35	4921D36	4966
30	88.8	4726^32	4876^35	4927^36	4726D33	4876D35	4927D36	4968
28	88.5	4732^32	4883^35	4934^36	4732D33	4883D35	4934D36	4970
26	88.2	4739^32	4889^35	4940^36	4739D33	4889D36	4940D36	4971
24	87.9	4745^32	4895^35	4946^36	4745D33	4895D36	4946D36	4973
22	87.6	4752^33	4901^35	4954^36	4752D33	4901D36	4954D36	4975
10	85.8	4782^33	4910^35	4948^36	4782D34	4910D35	4948D36	4973

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4443^28-28-38	4583^31-31-40	4619^31-31-40	4656^38-38-46
48	90.8	4493^29-29-38	4636^31-31-41	4677^32-32-41	4710^33-33-42
46	90.9	4592^30-30-40	4739^33-33-42	4792^34-34-43	4825^34-34-43
44	90.8	4653^31-31-41	4801^34-34-43	4853^34-34-44	4899C35-35-44
42	90.5	4681^31-31-41	4830^34-34-43	4881^35-35-44	4933^36-36-45
40	90.2	4695^32-32-41	4845^34-34-44	4897^35-35-44	4948^36-36-45
38	90.0	4701^32-32-41	4851^34-34-44	4903^35-35-44	4954^36-36-45
36	89.7	4707^32-32-42	4857^34-34-44	4908^35-35-44	4960^36-36-45
34	89.4	4713^32-32-42	4863^35-35-44	4915^35-35-45	4964C36-36-45
32	89.1	4720^32-32-42	4870^35-35-44	4921^35-35-45	4966C36-36-45
30	88.8	4726^32-32-42	4876^35-35-44	4927^36-36-45	4968C36-36-45
28	88.5	4732^32-32-42	4883^35-35-44	4934^36-36-45	4970C36-36-45
26	88.2	4739^32-32-42	4889^35-35-44	4940^36-36-45	4971C36-36-45
24	87.9	4745^32-32-42	4895^35-35-44	4946^36-36-45	4978^42-42-51
22	87.6	4752^33-33-42	4901^35-35-44	4954^36-36-45	4986^42-42-51
10	85.8	4782^33-33-43	4913^41-41-50	4968^42-42-51	4986C42-42-51

High QNH **+50** per .10" Engine A/I ON **-650**
Low QNH **-170** per .10" Wing A/I ON **-650**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	36	Length	10499	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.02
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4493^29	4636^31	4677^32
46	4592^30	4739^33	4792^34
44	4653^31	4801^34	4853^34
42	4681^31	4830^34	4881^35
40	4695^32	4845^34	4897^35
38	4701^32	4851^34	4903^35
36	4707^32	4857^34	4908^35
34	4713^32	4863^35	4915^35
32	4720^32	4870^35	4921^35
30	4726^32	4876^35	4927^36
28	4732^32	4883^35	4934^36
26	4739^32	4889^35	4940^36
24	4745^32	4895^35	4946^36
10	4782^33	4910^35	4948^36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4486^29	4629^31	4672^32
46	4585^30	4732^33	4783^33
44	4645^31	4795^33	4845^34
42	4673^31	4823^34	4874^35
40	4688^32	4838^34	4890^35
38	4695^32	4845^34	4896^35
36	4701^32	4851^34	4902^35
34	4707^32	4858^34	4908^35
32	4713^32	4864^35	4915^35
30	4720^32	4870^35	4921^35
28	4726^32	4877^35	4928^36
26	4732^32	4883^35	4935^36
24	4739^32	4889^35	4941^36
10	4713^32	4824^34	4862^35

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	4493D29	4636D32	4677D32
46	4592D30	4739D33	4792D34
44	4653D30	4801D34	4853D35
42	4681D31	4830D35	4881D36
40	4695D32	4845D35	4897D36
38	4701D32	4851D35	4903D36
36	4707D32	4857D35	4908D36
34	4713D33	4863D35	4915D36
32	4720D33	4870D35	4921D36
30	4726D33	4876D35	4927D36
28	4732D33	4883D35	4934D36
26	4739D33	4889D36	4940D36
24	4745D33	4895D36	4946D36
10	4782D34	4910D35	4948D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4486D29	4629D32	4672D32
46	4585D30	4732D33	4783D34
44	4645D30	4795D34	4845D35
42	4673D31	4823D35	4874D36
40	4688D31	4838D35	4890D36
38	4695D32	4845D35	4896D36
36	4701D32	4851D35	4902D36
34	4707D33	4858D35	4908D36
32	4713D33	4864D35	4915D36
30	4720D33	4870D35	4921D36
28	4726D33	4877D35	4928D36
26	4732D33	4883D35	4935D36
24	4739D33	4889D35	4941D36
10	4713D32	4824D34	4862D35

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	4415^10	4631^20	4707^24
26	4425^10	4642^21	4718^24
24	4435^11	4651^21	4728^24
22	4444^11	4661^22	4739^25
20	4454^12	4672^22	4750^25
15	4477^13	4698^23	4777^26
10	4498^14	4720^24	4800^27
5	4524^15	4748^25	4829^29
0	4550^16	4777^26	4858^30
-5	4575^17	4804^28	4887^31
-10	4599^18	4831^29	4914^32
-15	4620^19	4854^30	4933^33
-20	4645^21	4882^31	4937^35
-25	4668^22	4887^33	4938^36

High QNH **+20** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-730**
Wing A/I ON **-730**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4206^14	4424^23	4510^26
26	4217^14	4435^24	4523^27
24	4225^15	4448^24	4536^27
22	4236^15	4459^24	4548^27
20	4246^16	4472^25	4562^28
15	4270^16	4503^26	4595^29
10	4293^17	4532^27	4629^29
5	4321^18	4566^28	4665^30
0	4348^19	4601^29	4704^31
-5	4373^20	4635^29	4745^32
-10	4397^21	4669^30	4788^33
-15	4423^22	4707^31	4834^34
-20	4451^23	4749^32	4862^34
-25	4479^24	4795^33	4877^35

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

Engine A/I ON **-460**
Wing A/I ON **-460**

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	36	Length	10499	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.02
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1036'		**DT H182**	**1036'**	

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
49	87.6	3934^19	4083^21	4136^22	3934D11	4083D21	4136D24	4662
48	87.6	3975^19	4123^22	4177^23	3973^11	4123D21	4177D24	4721
46	87.7	4054^20	4204^23	4260^24	4048^11	4204D22	4260D25	4840
44	87.6	4100^21	4251^24	4308^25	4093^12	4251D22	4308D25	4899
42	87.4	4115^21	4268^24	4324^25	4109^12	4268D22	4324D26	4947
40	87.1	4128^21	4283^24	4338^25	4123^12	4283D23	4338D26	4959
38	86.9	4135^21	4290^24	4347^25	4132^13	4290D23	4347D26	4961
36	86.6	4143^22	4298^25	4355^26	4141^13	4298D24	4355D27	4962
34	86.3	4150^22	4306^25	4363^26	4149^14	4306D24	4363D27	4964
32	86.0	4157^22	4315^25	4372^26	4157D14	4315D24	4372D27	4966
30	85.7	4165^22	4324^25	4381^26	4165D14	4324D25	4381D28	4968
28	85.5	4173^22	4333^25	4390^26	4173D15	4333D25	4390D28	4970
26	85.2	4181^22	4341^25	4399^26	4181D15	4341D25	4399D28	4971
24	84.9	4189^22	4350^25	4407^26	4189D15	4350D26	4407D28	4973
22	84.6	4197^23	4358^26	4416^27	4197D16	4358D26	4416D28	4975
10	82.8	4242^23	4406^26	4465^28	4242D18	4406D28	4465D29	4973

High QNH **+60** per .10" — Engine A/I ON **-490**
Low QNH **-150** per .10" — Wing A/I ON **-490**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	3985^20	4134^22	4186^23	3982^12	4134D22	4186D25	4662
48	90.8	4025^20	4175^23	4229^24	4020^12	4175D23	4229D25	4721
46	90.9	4107^21	4260^24	4315^25	4096^13	4260D23	4315D26	4840
44	90.8	4159^22	4314^25	4370^26	4146^13	4314D24	4370D27	4899
42	90.5	4187^22	4343^25	4398^26	4173^14	4343D24	4398D28	4947
40	90.2	4200^23	4357^26	4412^27	4188^14	4357D25	4412D28	4959
38	90.0	4208^23	4365^26	4421^27	4197^15	4365D25	4421D28	4961
36	89.7	4215^23	4373^26	4429^27	4207^15	4373D26	4429D28	4962
34	89.4	4223^23	4380^26	4437^27	4216^15	4380D26	4437D29	4964
32	89.1	4231^23	4389^26	4446^27	4226^16	4389D26	4446D29	4966
30	88.8	4239^23	4397^26	4454^27	4236^16	4397D27	4454D29	4968
28	88.5	4247^24	4406^26	4463^28	4246^17	4406D27	4463D29	4970
26	88.2	4255^24	4414^27	4472^28	4255D17	4414D27	4472D29	4971
24	87.9	4263^24	4422^27	4480^28	4263D17	4422D28	4480D29	4973
22	87.6	4271^24	4432^27	4489^28	4271D18	4432D28	4489D29	4975
10	85.8	4314^25	4477^28	4536^29	4314D20	4477D29	4536D30	4973

High QNH **+60** per .10" — Engine A/I ON **-520**
Low QNH **-150** per .10" — Wing A/I ON **-520**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	3985^20-20-31	4134^22-22-33	4186^23-23-34	4242^24-24-35
48	90.8	4025^20-20-31	4175^23-23-34	4229^24-24-34	4285^25-25-35
46	90.9	4107^21-21-33	4260^24-24-35	4315^25-25-36	4371^26-26-37
44	90.8	4159^22-22-33	4314^25-25-36	4370^26-26-37	4427^27-27-37
42	90.5	4187^22-22-34	4343^25-25-36	4398^26-26-37	4457^27-27-38
40	90.2	4200^23-23-34	4357^26-26-36	4412^27-27-37	4471^28-28-38
38	90.0	4208^23-23-34	4365^26-26-37	4421^27-27-37	4479^28-28-38
36	89.7	4215^23-23-34	4373^26-26-37	4429^27-27-37	4488^28-28-38
34	89.4	4223^23-23-34	4380^26-26-37	4437^27-27-38	4496^28-28-38
32	89.1	4231^23-23-34	4389^26-26-37	4446^27-27-38	4505^28-28-39
30	88.8	4239^23-23-35	4397^26-26-37	4454^27-27-38	4514^28-28-39
28	88.5	4247^24-24-35	4406^26-26-37	4463^28-28-38	4522^29-29-39
26	88.2	4255^24-24-35	4414^27-27-37	4472^28-28-38	4531^29-29-39
24	87.9	4263^24-24-35	4422^27-27-37	4480^28-28-38	4540^29-29-39
22	87.6	4271^24-24-35	4432^27-27-38	4489^28-28-38	4548^29-29-39
10	85.8	4314^25-25-36	4477^28-28-38	4536^29-29-39	4596^30-30-40

High QNH **+60** per .10" — Engine A/I ON **-520**
Low QNH **-150** per .10" — Wing A/I ON **-520**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	36	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**11 Nov 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4025^20	4175^23	4229^24
46	4107^21	4260^24	4315^25
44	4159^22	4314^25	4370^26
42	4187^22	4343^25	4398^26
40	4200^23	4357^26	4412^27
38	4208^23	4365^26	4421^27
36	4215^23	4373^26	4429^27
34	4223^23	4380^26	4437^27
32	4231^23	4389^26	4446^27
30	4239^23	4397^26	4454^27
28	4247^24	4406^26	4463^28
26	4255^24	4414^27	4472^28
24	4263^24	4422^27	4480^28
10	4314^25	4477^28	4536^29

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

Engine A/I ON **-520**
Wing A/I ON **-520**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4019^20	4169^23	4223^24
46	4099^21	4252^24	4307^25
44	4152^22	4307^25	4363^26
42	4180^22	4336^25	4391^26
40	4193^23	4350^26	4406^27
38	4202^23	4358^26	4414^27
36	4208^23	4367^26	4423^27
34	4216^23	4374^26	4431^27
32	4224^23	4383^26	4439^27
30	4232^23	4391^26	4447^27
28	4240^23	4399^26	4457^27
26	4248^24	4408^27	4466^28
24	4256^24	4416^27	4474^28
10	4264^24	4424^27	4481^28

High QNH **+60** per .10"
Low QNH **-150** 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			
28			
26			
24			
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	4020^12	4175D23	4229D25
46	4096^13	4260D23	4315D26
44	4146^13	4314D24	4370D27
42	4173^14	4343D24	4398D28
40	4188^14	4357D25	4412D28
38	4197^15	4365D25	4421D28
36	4207^15	4373D26	4429D28
34	4216^15	4380D26	4437D29
32	4226^16	4389D26	4446D29
30	4236^16	4397D27	4454D29
28	4246^17	4406D27	4463D29
26	4255D17	4414D27	4472D29
24	4263D17	4422D28	4480D29
10	4314D20	4477D29	4536D30

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

Engine A/I ON **-520**
Wing A/I ON **-520**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4014^12	4169D23	4223D25
46	4090^13	4252D23	4307D26
44	4140^13	4307D24	4363D27
42	4167^14	4336D24	4391D28
40	4182^14	4350D25	4406D28
38	4192^15	4358D25	4414D28
36	4201^15	4367D25	4423D28
34	4211^15	4374D26	4431D28
32	4221^16	4383D26	4439D29
30	4230^16	4391D27	4447D29
28	4240D16	4399D27	4457D29
26	4248D17	4408D27	4466D29
24	4256D17	4416D28	4474D29
10	4264D20	4424D29	4481D29

High QNH **+60** per .10"
Low QNH **-150** 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			
28			
26			
24			
10			

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	3672F94	4131^ 3	4224^ 6
26	3703F94	4142^ 3	4235^ 6
24	3733F94	4153^ 3	4246^ 7
22	3761F94	4164^ 4	4257^ 7
20	3790F95	4175^ 4	4268^ 7
15	3867F95	4198^ 5	4275^ 8
10	3947F96	4224^ 6	4275^10
5	3995^97	4230^ 7	4282^11
0	4021^98	4234^ 8	4287^12
-5	4046^98	4237^ 9	4290D13
-10	4069^99	4238^10	4287D14
-15	4079^ 0	4238^12	4283D15
-20	4077^ 2	4237D13	4280D15
-25	4075^ 3	4232D14	4277D15

High QNH **+0** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-710**
Wing A/I ON **-710**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3185F 0	3763^ 7	3942^10
26	3202F 0	3785^ 7	3961^10
24	3221F 0	3807^ 8	3980F10
22	3238F 1	3830^ 8	3999F10
20	3257F 1	3854^ 8	4018F11
15	3305F 1	3895^ 9	4063F11
10	3368F 2	3942^10	4115F12
5	3426F 3	3991F10	4163F13
0	3503F 3	4039F11	4216F14
-5	3582^ 4	4092F12	4268F14
-10	3614^ 5	4143F13	4282^15
-15	3657^ 5	4193F13	4279^15
-20	3706^ 6	4231^14	4277^15
-25	3642^ 5	4226^14	4274^15

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

Engine A/I ON **-670**
Wing A/I ON **-670**

LEVEL 3 CONTAM

OAT °C	Flaps -10T	+0	+10H
28			
26			
24			
22			
20			
15			
10			
5			
0			
-5			
-10			
-15			
-20			
-25			

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

Engine A/I ON
Wing A/I ON

Elevation 36 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **11 Nov 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1036'		DT H286	1036'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

ALT TO-1 - WET RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	-10T	+0	+10H	Dry Rwy Climb Limit
49	87.6	4460^28	4576^31	4608^31	4460D27	4576D31	4608D31	4662
48	87.6	4513^29	4634^31	4667^32	4513D27	4634D31	4667D32	4721
46	87.7	4616^31	4747^33	4781^33	4616D28	4747D33	4781D34	4840
44	87.6	4671^31	4817^34	4866^35	4671D28	4817D34	4866D35	4899
42	87.4	4691^32	4837^34	4888^35	4691D28	4837D35	4888D36	4947
40	87.1	4706^32	4853^34	4903^35	4706D29	4853D35	4903D36	4959
38	86.9	4710^32	4857^34	4907^35	4710D29	4857D35	4907D36	4961
36	86.6	4715^32	4862^35	4912^35	4715D29	4862D35	4912D36	4962
34	86.3	4720^32	4867^35	4918^35	4720D30	4867D35	4918D36	4964
32	86.0	4726^32	4873^35	4923^36	4726D30	4873D35	4923D36	4966
30	85.7	4730^32	4878^35	4928^36	4730D31	4878D35	4928D36	4968
28	85.5	4736^32	4883^35	4935^36	4736D31	4883D35	4935D36	4970
26	85.2	4740^32	4889^35	4936^36	4740D31	4889D35	4936D36	4971
24	84.9	4746^33	4893^35	4937^36	4746D32	4893D35	4937D36	4973
22	84.6	4751^33	4898^35	4938^36	4751D32	4898D35	4938D36	4975
10	82.8	4773^33	4894^35	4933^36	4773D33	4894D35	4933D36	4973

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

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

TO-1 - WET RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	-10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4489^29	4587^31	4619^31	4489D29	4587D31	4619D31	4662
48	90.8	4544^30	4645^32	4678^32	4544D29	4645D32	4678D32	4721
46	90.9	4649^31	4759^33	4792^34	4649D29	4759D33	4792D34	4840
44	90.8	4710^32	4845^34	4879^35	4710D30	4845D34	4879D35	4899
42	90.5	4737^32	4879^35	4927^36	4737D31	4879D35	4927D36	4947
40	90.2	4752^33	4893^35	4942^36	4752D31	4893D35	4942D36	4959
38	90.0	4756^33	4898^35	4944^36	4756D32	4898D35	4944D36	4961
36	89.7	4760^33	4903^35	4946^36	4760D32	4903D35	4946D36	4962
34	89.4	4765^33	4907^35	4947^36	4765D33	4907D35	4947D36	4964
32	89.1	4770^33	4914^35	4948^36	4770D33	4914D35	4948D36	4966
30	88.8	4774^33	4915^35	4950^36	4774D33	4915D35	4950D36	4968
28	88.5	4779^33	4915^35	4951^36	4779D34	4915D35	4951D36	4970
26	88.2	4785^33	4916^35	4952^36	4785D34	4916D36	4952D36	4971
24	87.9	4789^33	4917^35	4953^36	4789D34	4917D36	4953D36	4973
22	87.6	4793^33	4918^35	4954^36	4793D34	4918D36	4954D36	4975
10	85.8	4798^33	4910^35	4948^36	4798D34	4910D35	4948D36	4973

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

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
49	90.8	4492^35-35-44	4632^37-37-46	4679^38-38-47	4693C38-38-47
48	90.8	4544^35-35-45	4686^38-38-47	4733^39-39-48	4755C39-39-48
46	90.9	4649^31-31-41	4793^39-39-49	4843^40-40-49	4879C41-41-50
44	90.8	4710^32-32-42	4856^40-40-49	4906^41-41-50	4946C42-42-51
42	90.5	4738^38-38-48	4885^41-41-50	4936^42-42-51	4962C42-42-51
40	90.2	4752^33-33-42	4900^41-41-50	4951^42-42-51	4974C42-42-51
38	90.0	4757^39-39-48	4905^41-41-50	4956^42-42-51	4975C42-42-51
36	89.7	4762^39-39-48	4911^41-41-50	4962^42-42-51	4976C42-42-51
34	89.4	4767^39-39-48	4916^41-41-50	4967^42-42-51	4977C42-42-51
32	89.1	4773^39-39-48	4922^41-41-50	4973^42-42-51	4979C42-42-51
30	88.8	4779^39-39-48	4928^41-41-51	4979^42-42-51	4981C42-42-51
28	88.5	4784^39-39-48	4933^42-42-51	4982C42-42-51	4982C42-42-51
26	88.2	4790^39-39-48	4939^42-42-51	4984C42-42-51	4984C42-42-51
24	87.9	4795^39-39-49	4945^42-42-51	4986C42-42-51	4986C42-42-51
22	87.6	4800^39-39-49	4950^42-42-51	4988C43-43-51	4988C43-43-51
10	85.8	4825^40-40-49	4975^42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+50** per .10" — Engine A/I ON **-730**
Low QNH **-170** per .10" — Wing A/I ON **-730**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	36	Length	10499	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.02
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4544^30	4645^32	4678^32
46	4649^31	4759^33	4792^34
44	4710^32	4845^34	4879^35
42	4737^32	4879^35	4927^36
40	4752^33	4893^35	4942^36
38	4756^33	4898^35	4944^36
36	4760^33	4903^35	4946^36
34	4765^33	4907^35	4947^36
32	4770^33	4914^35	4948^36
30	4774^33	4915^35	4950^36
28	4779^33	4915^35	4951^36
26	4785^33	4916^35	4952^36
24	4789^33	4917^35	4953^36
10	4798^33	4910^35	4948^36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4537^30	4639^31	4672^32
46	4643^31	4753^33	4786^34
44	4703^32	4839^34	4873^35
42	4730^32	4873^35	4921^36
40	4745^33	4887^35	4937^36
38	4750^33	4893^35	4940^36
36	4754^33	4897^35	4942^36
34	4760^33	4902^35	4943^36
32	4764^33	4907^35	4944^36
30	4769^33	4910^35	4945^36
28	4773^33	4911^35	4946^36
26	4779^33	4912^35	4947^36
24	4783^33	4913^35	4948^36
10	4714^32	4825^34	4862^35

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	4544D29	4645D32	4678D32
46	4649D29	4759D33	4792D34
44	4710D30	4845D34	4879D35
42	4737D31	4879D35	4927D36
40	4752D31	4893D35	4942D36
38	4756D32	4898D35	4944D36
36	4760D32	4903D35	4946D36
34	4765D33	4907D35	4947D36
32	4770D33	4914D35	4948D36
30	4774D33	4915D35	4950D36
28	4779D34	4915D35	4951D36
26	4785D34	4916D36	4952D36
24	4789D34	4917D36	4953D36
10	4798D34	4910D35	4948D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4537D29	4639D32	4672D32
46	4643D29	4753D33	4786D34
44	4703D30	4839D34	4873D35
42	4730D31	4873D35	4921D36
40	4745D31	4887D35	4937D36
38	4750D32	4893D35	4940D36
36	4754D32	4897D35	4942D36
34	4760D32	4902D35	4943D36
32	4764D33	4907D35	4944D36
30	4769D33	4910D35	4945D36
28	4773D34	4911D35	4946D36
26	4779D34	4912D35	4947D36
24	4783D34	4913D35	4948D36
10	4714D32	4825D34	4862D35

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	4520^ 9	4718^20	4786^23
26	4529^10	4726^20	4795^23
24	4537^10	4735^21	4804^24
22	4545^11	4743^21	4812^24
20	4552^11	4752^21	4821^25
15	4572^12	4772^22	4843^26
10	4587^13	4788^24	4859^27
5	4609^14	4812^25	4883^28
0	4630^15	4834^26	4907^29
-5	4651^16	4856^27	4930^30
-10	4668^18	4877^28	4933^32
-15	4684^19	4883^30	4933^33
-20	4703^20	4885^31	4937^35
-25	4721^21	4886^32	4939^36

High QNH **+10** per .10"
Low QNH **-40** per .10"

Engine A/I ON **-780**
Wing A/I ON **-780**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	4237F14	4470F23	4555F26
26	4248F14	4482F23	4567F26
24	4259F14	4492F24	4580F26
22	4267F15	4505F24	4593F27
20	4280F15	4517F24	4606F27
15	4306F16	4549F25	4639F28
10	4331F17	4580F26	4669^29
5	4361F18	4615F27	4700^30
0	4391F19	4645^28	4734^31
-5	4419F20	4675^29	4768^32
-10	4446F21	4705^30	4803^33
-15	4474F22	4733^31	4841^34
-20	4505F23	4769^32	4885^35
-25	4532F24	4805^33	4918^35

High QNH **+80** per .10"
Low QNH **-60** 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	36	Length	10499	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.02
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1036'		**DT H002**	**1036'**	

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
49	87.6	3915^18	4063^21	4117^22	3915D11	4063D21	4117D23	4662
48	87.6	3955^19	4105^22	4159^23	3955D11	4105D21	4159D24	4721
46	87.7	4035^20	4189^23	4243^24	4034^11	4189D22	4243D25	4840
44	87.6	4081^21	4236^23	4292^25	4079^12	4236D22	4292D25	4899
42	87.4	4097^21	4252^24	4308^25	4094^12	4252D23	4308D26	4947
40	87.1	4110^21	4266^24	4322^25	4109^13	4266D23	4322D26	4959
38	86.9	4116^21	4274^24	4330^25	4116D13	4274D23	4330D26	4961
36	86.6	4123^21	4281^24	4337^25	4123D13	4281D24	4337D27	4962
34	86.3	4130^21	4288^24	4345^25	4130D14	4288D24	4345D27	4964
32	86.0	4137^21	4296^24	4353^26	4137D14	4296D24	4353D27	4966
30	85.7	4145^22	4303^25	4361^26	4145D14	4303D25	4361D27	4968
28	85.5	4152^22	4311^25	4368^26	4152D15	4311D25	4368D27	4970
26	85.2	4159^22	4319^25	4376^26	4159D15	4319D25	4376D27	4971
24	84.9	4166^22	4327^25	4384^26	4166D15	4327D26	4384D27	4973
22	84.6	4174^22	4334^25	4392^26	4174D16	4334D26	4392D27	4975
10	82.8	4213^23	4375^26	4434^27	4213D18	4375D27	4434D28	4973

High QNH **+60** per .10" Engine A/I ON **-520**
Low QNH **-150** per .10" Wing A/I ON **-520**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	3959^19	4107^22	4159^23	3959D12	4107D23	4159D24	4662
48	90.8	4000^20	4149^23	4203^24	4000D12	4149D23	4203D25	4721
46	90.9	4084^21	4236^24	4290^25	4079^13	4236D23	4290D26	4840
44	90.8	4136^22	4290^24	4345^25	4130^13	4290D24	4345D27	4899
42	90.5	4162^22	4317^25	4373^26	4156^14	4317D25	4373D27	4947
40	90.2	4176^22	4331^25	4387^26	4169^14	4331D25	4387D28	4959
38	90.0	4182^22	4338^25	4394^26	4179^15	4338D25	4394D28	4961
36	89.7	4189^22	4345^25	4401^26	4187^15	4345D26	4401D28	4962
34	89.4	4195^23	4352^26	4408^27	4195D16	4352D26	4408D28	4964
32	89.1	4202^23	4359^26	4415^27	4202D16	4359D26	4415D28	4966
30	88.8	4209^23	4367^26	4423^27	4209D16	4367D27	4423D28	4968
28	88.5	4217^23	4375^26	4431^27	4217D17	4375D27	4431D28	4970
26	88.2	4224^23	4382^26	4439^27	4224D17	4382D27	4439D28	4971
24	87.9	4231^23	4389^26	4446^27	4231D17	4389D27	4446D28	4973
22	87.6	4238^23	4397^26	4454^27	4238D18	4397D28	4454D29	4975
10	85.8	4275^24	4436^27	4493^28	4275D20	4436D28	4493D29	4973

High QNH **+60** per .10" Engine A/I ON **-550**
Low QNH **-150** per .10" Wing A/I ON **-550**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	3959^19-19-30	4107^22-22-33	4159^23-23-33	4214^24-24-34
48	90.8	4000^20-20-31	4149^23-23-33	4203^24-24-34	4259^25-25-35
46	90.9	4084^21-21-32	4236^24-24-35	4290^25-25-35	4347^26-26-36
44	90.8	4136^22-22-33	4290^24-24-35	4345^25-25-36	4402^27-27-37
42	90.5	4162^22-22-33	4317^25-25-36	4373^26-26-37	4430^27-27-37
40	90.2	4176^22-22-34	4331^25-25-36	4387^26-26-37	4444^27-27-38
38	90.0	4182^22-22-34	4338^25-25-36	4394^26-26-37	4451^27-27-38
36	89.7	4189^22-22-34	4345^25-25-36	4401^26-26-37	4459^27-27-38
34	89.4	4195^23-23-34	4352^26-26-36	4408^27-27-37	4466^28-28-38
32	89.1	4202^23-23-34	4359^26-26-36	4415^27-27-37	4474^28-28-38
30	88.8	4209^23-23-34	4367^26-26-37	4423^27-27-37	4482^28-28-38
28	88.5	4217^23-23-34	4375^26-26-37	4431^27-27-37	4489^28-28-38
26	88.2	4224^23-23-34	4382^26-26-37	4439^27-27-38	4497^28-28-38
24	87.9	4231^23-23-34	4389^26-26-37	4446^27-27-38	4505^28-28-39
22	87.6	4238^23-23-35	4397^26-26-37	4454^27-27-38	4512^28-28-39
10	85.8	4275^24-24-35	4436^27-27-38	4493^28-28-38	4552^29-29-39

High QNH **+60** per .10" Engine A/I ON **-550**
Low QNH **-150** per .10" Wing A/I ON **-550**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	36	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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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	4000^20	4149^23	4203^24	3995^20	4143^22	4197^23			
46	4084^21	4236^24	4290^25	4077^21	4229^24	4284^25			
44	4136^22	4290^24	4345^25	4130^21	4284^24	4338^25			
42	4162^22	4317^25	4373^26	4155^22	4310^25	4366^26			
40	4176^22	4331^25	4387^26	4169^22	4324^25	4380^26			
38	4182^22	4338^25	4394^26	4176^22	4331^25	4387^26			
36	4189^22	4345^25	4401^26	4182^22	4339^25	4395^26			
34	4195^23	4352^26	4408^27	4190^23	4346^25	4403^26			
32	4202^23	4359^26	4415^27	4197^23	4354^26	4410^27			
30	4209^23	4367^26	4423^27	4203^23	4361^26	4417^27			
28	4217^23	4375^26	4431^27	4210^23	4369^26	4425^27			
26	4224^23	4382^26	4439^27	4218^23	4376^26	4433^27			
24	4231^23	4389^26	4446^27	4225^23	4383^26	4440^27			
10	4275^24	4436^27	4493^28	4222^23	4380^26	4437^27			
	High QNH +60 per .10" Low QNH -150 per .10"			High QNH +60 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 +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	4000D12	4149D23	4203D25	3995D12	4143D23	4197D25			
46	4079^13	4236D23	4290D26	4073^13	4229D23	4284D26			
44	4130^13	4290D24	4345D27	4123^13	4284D24	4338D27			
42	4156^14	4317D25	4373D27	4149^14	4310D25	4366D27			
40	4169^14	4331D25	4387D28	4164^14	4324D25	4380D27			
38	4179^15	4338D25	4394D28	4173^15	4331D25	4387D28			
36	4187^15	4345D26	4401D28	4182^15	4339D26	4395D28			
34	4195D16	4352D26	4408D28	4190D15	4346D26	4403D28			
32	4202D16	4359D26	4415D28	4197D16	4354D26	4410D28			
30	4209D16	4367D27	4423D28	4203D16	4361D27	4417D28			
28	4217D17	4375D27	4431D28	4210D17	4369D27	4425D28			
26	4224D17	4382D27	4439D28	4218D17	4376D27	4433D28			
24	4231D17	4389D27	4446D28	4225D17	4383D27	4440D28			
10	4275D20	4436D28	4493D29	4222D20	4380D28	4437D29			
	High QNH +60 per .10" Low QNH -150 per .10"			High QNH +60 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 +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	3672F94	4094^ 3	4181^ 6	3185F 0	3763^ 7	3942^10			
26	3703F94	4103^ 3	4192^ 7	3202F 0	3785^ 7	3961^10			
24	3733F94	4113^ 3	4202^ 7	3221F 0	3806^ 8	3980F10			
22	3761F94	4123^ 4	4212^ 7	3238F 1	3829^ 8	3999F10			
20	3790F95	4133^ 4	4221^ 8	3257F 1	3853^ 8	4018F11			
15	3867F95	4154^ 5	4244^ 9	3305F 1	3894^ 9	4063F11			
10	3929^96	4177^ 6	4267^10	3368F 2	3941^10	4115F12			
5	3954^97	4204^ 7	4282^11	3426F 3	3991F10	4163F13			
0	3979^98	4230^ 8	4287^12	3503F 3	4039F11	4216F14			
-5	4002^99	4237^ 9	4290D13	3586F 4	4092F12	4268F14			
-10	4022^ 0	4238^10	4287D14	3617^ 4	4143F13	4282^15			
-15	4044^ 1	4238^12	4283D15	3659^ 5	4193F13	4279^15			
-20	4066^ 2	4237D13	4280D15	3706^ 6	4231^14	4277^15			
-25	4075^ 3	4232D14	4277D15	3642^ 5	4226^14	4274^15			
	High QNH +0 per .10" Low QNH -50 per .10"			High QNH +10 per .10" Low QNH -110 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -710 Wing A/I ON -710			Engine A/I ON -670 Wing A/I ON -670			Engine A/I ON Wing A/I ON		

Elevation 36 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.00

Rwy Rev. Program Rules FAA **25 Jul 22**

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CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1074'		DT H108	1074'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
49	87.6	4396F27	4569^30	4602^31
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
28	85.5	4670F31	4898^35	4934^36
26	85.2	4682F31	4899^35	4936^36
24	84.9	4693F32	4901^35	4937^36
22	84.7	4705F32	4901^35	4938^36
10	82.9	4776F33	4895^35	4932^36

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4323F15	4568^25	4602D28	4655
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
4595F19	4896^29	4934D32	4970
4609F20	4897^29	4936D33	4971
4620F20	4899^30	4937D33	4973
4634F20	4901^30	4938D33	4975
4715F23	4895D33	4932D36	4972

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

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
49	90.8	4483^29	4580^31	4613^31
48	90.8	4539F30	4638^31	4671^32
46	90.9	4623F31	4752^33	4786^34
44	90.8	4687F32	4840^34	4874^35
42	90.5	4731F32	4897^35	4932^36
40	90.3	4748F33	4907^35	4941^36
38	90.0	4761F33	4910^35	4944^36
36	89.7	4772F33	4911^35	4946^36
34	89.5	4784F33	4912^35	4947^36
32	89.2	4796F33	4966C35	4948^36
30	88.9	4808F34	4914^35	4950^36
28	88.6	4808^34	4915^35	4951^36
26	88.3	4808^34	4916^35	4952^36
24	87.9	4809^34	4917^35	4953^36
22	87.7	4809^34	4918^35	4954^36
10	85.9	4797^33	4910^35	4948^36

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4398F17	4580D27	4613D30	4655
4437F17	4638^27	4671D30	4714
4513F18	4750^27	4786D31	4833
4569F18	4837^28	4874D31	4895
4607F19	4893^29	4932D32	4946
4623F19	4903^29	4941D32	4959
4638F20	4907^29	4944D33	4961
4651F20	4908^30	4946D33	4962
4665F20	4910^30	4947D34	4964
4678F21	4912^31	4948D34	4966
4692F21	4914^31	4950D35	4968
4705F21	4915D32	4951D35	4970
4719F22	4916D32	4952D36	4971
4733F22	4917D33	4953D36	4973
4747F22	4918D33	4954D36	4975
4792^25	4910D35	4948D36	4972

High QNH **+0** per .10" — Low QNH **-180** per .10"
Engine A/I ON **-840** — Wing A/I ON **-840**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
49	90.8	4483^29-29-38	4583F36-36-45	4666F38-38-47	4687C38-38-47
48	90.8	4539F30-30-39	4638^31-31-41	4708F38-38-47	4748C39-39-48
46	90.9	4623F31-31-40	4752^33-33-42	4794F39-39-49	4871C41-41-50
44	90.8	4687F32-32-41	4840^34-34-43	4874^35-35-44	4940C42-42-51
42	90.5	4731F32-32-42	4897^35-35-44	4932^36-36-45	4960C42-42-51
40	90.3	4748F33-33-42	4907^35-35-44	4941^36-36-45	4974C42-42-51
38	90.0	4761F33-33-42	4910^35-35-44	4944^36-36-45	4975C42-42-51
36	89.7	4772F33-33-42	4911^35-35-44	4950F42-42-51	4976C42-42-51
34	89.5	4784F33-33-43	4912^35-35-45	4963F42-42-51	4977C42-42-51
32	89.2	4796F33-33-43	4966C35-35-45	4976F42-42-51	4979C42-42-51
30	88.9	4808F34-34-43	4914^35-35-45	4981C42-42-51	4981C42-42-51
28	88.6	4808^34-34-43	4915^35-35-45	4983C42-42-51	4983C42-42-51
26	88.3	4808^34-34-43	4924F41-41-51	4984C42-42-51	4984C42-42-51
24	87.9	4809^34-34-43	4937F42-42-51	4986C42-42-51	4986C42-42-51
22	87.7	4809^34-34-43	4951F42-42-51	4988C43-43-51	4988C43-43-51
10	85.9	4797^33-33-43	4986C42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+0** per .10" — Low QNH **-180** per .10"
Engine A/I ON **-840** — Wing A/I ON **-840**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	74	Length	8533	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.01
Rwy Rev.		Program						Rules	FAA		**03 Mar 23**

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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	4539F30	4638^31	4671^32	4529F30	4633^31	4665^32			
46	4623F31	4752^33	4786^34	4612F31	4746^33	4779^33			
44	4687F32	4840^34	4874^35	4675F31	4834^34	4868^35			
42	4731F32	4897^35	4932^36	4719F32	4892^35	4927^36			
40	4748F33	4907^35	4941^36	4737F32	4902^35	4936^36			
38	4761F33	4910^35	4944^36	4750F33	4905^35	4940^36			
36	4772F33	4911^35	4946^36	4761F33	4907^35	4942^36			
34	4784F33	4912^35	4947^36	4773F33	4908^35	4943^36			
32	4796F33	4966C35	4948^36	4785F33	4909^35	4944^36			
30	4808F34	4914^35	4950^36	4797F33	4964C35	4945^36			
28	4808^34	4915^35	4951^36	4804^34	4911^35	4946^36			
26	4808^34	4916^35	4952^36	4804^34	4912^35	4947^36			
24	4809^34	4917^35	4953^36	4804^34	4913^35	4948^36			
10	4797^33	4910^35	4948D36	4713^32	4825^34	4862^35			
	High QNH +0 per .10" Low QNH -180 per .10"			High QNH +0 per .10" Low QNH -190 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -840 Wing A/I ON -840			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	4437F17	4638^27	4671D30	4429F17	4632^27	4665D30			
46	4513F18	4750^27	4786D31	4504F17	4744^27	4779D31			
44	4569F18	4837^28	4874D31	4561F18	4831^28	4868D31			
42	4607F19	4893^29	4932D32	4598F19	4888^28	4927^32			
40	4623F19	4903^29	4941D32	4615F19	4898^29	4936D32			
38	4638F20	4907^29	4944D33	4630F19	4903^29	4940D33			
36	4651F20	4908^30	4946D33	4643F20	4904^30	4942D33			
34	4665F20	4910^30	4947D34	4657F20	4906^30	4943D34			
32	4678F21	4912^31	4948D34	4670F21	4908^31	4944D34			
30	4692F21	4914^31	4950D35	4684F21	4909^31	4945D35			
28	4705F21	4915D32	4951D35	4697F21	4911D31	4946D35			
26	4719F22	4916D32	4952D36	4711F22	4912D32	4947D35			
24	4733F22	4917D33	4953D36	4725F22	4913D32	4948D36			
10	4792^25	4910D35	4948D36	4709^25	4825D34	4862D35			
	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 -840 Wing A/I ON -840			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	4086F99	4346F 9	4441F12	3674F 4	4087F12	4252F14			
26	4097F99	4359F 9	4454F13	3687F 4	4104F12	4271F15			
24	4108F 0	4371F10	4466F13	3700F 4	4122F12	4285^15			
22	4118F 0	4384F10	4480F13	3714F 5	4142F13	4286^15			
20	4128F 0	4396F10	4493F14	3725F 5	4161F13	4286^15			
15	4154F 1	4428F11	4526F15	3760F 6	4207F14	4284^15			
10	4181F 2	4459F12	4559F16	3800F 6	4238^14	4280^15			
5	4211F 3	4494F13	4596F17	3842F 7	4240^14	4283^15			
0	4241F 4	4529F14	4634F18	3881F 8	4242^14	4285^15			
-5	4272F 5	4565F16	4671F19	3914F 9	4241^14	4285^15			
-10	4301F 6	4600F17	4708F20	3947F10	4238^14	4283^15			
-15	4332F 7	4635F18	4744F21	3989F10	4234^14	4279^15			
-20	4363F 8	4674F19	4784F22	4037F11	4230^14	4277^15			
-25	4395F 9	4711F20	4824F23	4088^12	4226^14	4273^15			
	High QNH +80 per .10" Low QNH -70 per .10"			High QNH +0 per .10" Low QNH -90 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -480 Wing A/I ON -480			Engine A/I ON -750 Wing A/I ON -750			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		**03 Mar 23**

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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

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	87.6	4410F27	4627^31	4660^32
46	87.7	4488F28	4740^33	4774^33
44	87.6	4536F29	4793F33	4860^35
42	87.4	4554F29	4814F34	4903F35
40	87.2	4571F30	4833F34	4922F36
38	86.9	4583F30	4844F34	4928^36
36	86.6	4594F30	4856F34	4929^36
34	86.3	4605F30	4868F35	4930^36
32	86.1	4617F30	4879F35	4932^36
30	85.8	4629F31	4892F35	4933^36
20	84.4	4688F32	4902^35	4938^36
10	82.9	4747F33	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

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	4334F15	4624^24	4660D28	4714
46	87.7	4407F16	4706F25	4772^28	4833
44	87.6	4453F16	4756F25	4857^28	4895
42	87.4	4473F16	4777F26	4883F29	4946
40	87.2	4491F17	4797F26	4903F29	4959
38	86.9	4504F17	4810F26	4917F29	4961
36	86.6	4516F17	4824F27	4927^30	4962
34	86.3	4529F18	4838F27	4929^30	4964
32	86.1	4542F18	4852F27	4931^31	4966
30	85.8	4555F18	4866F28	4933^31	4968
20	84.4	4620F20	4900^30	4938D33	4976
10	82.9	4687F22	4894D32	4932D36	4972
0	81.4	4759F24	4898D35	4938D36	4984
-10	79.9	4772^26	4896D35	4937D36	4987
-20	78.4	4763D29	4888D35	4930D36	4985
-30	76.8	4749D31	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-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.8	4511F29	4638^31	4671^32
46	90.9	4595F30	4752^33	4785^34
44	90.8	4658F31	4839^34	4873^35
42	90.5	4702F32	4897^35	4931^36
40	90.3	4719F32	4906^35	4941^36
38	90.0	4732F32	4909^35	4944^36
36	89.7	4743F32	4911^35	4946^36
34	89.5	4754F33	4912^35	4947^36
32	89.2	4766F33	4913^35	4948^36
30	88.9	4778F33	4914^35	4949^36
20	87.4	4809^34	4918^35	4955^36
10	85.9	4798^33	4910^35	4948^36
0	84.3	4798^33	4914^35	4953^36
-10	82.8	4792^33	4911^35	4952^36
-20	81.2	4779^33	4903^35	4945^36
-30	79.6	4764^33	4893^35	4936^36

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	4410F17	4637^26	4671D30	4714
46	90.9	4485F17	4749^27	4785D30	4833
44	90.8	4541F18	4835^27	4873^31	4895
42	90.5	4578F18	4892^28	4930^31	4946
40	90.3	4597F19	4902^28	4940^32	4959
38	90.0	4609F19	4905^29	4944D32	4961
36	89.7	4622F19	4907^29	4946D33	4962
34	89.5	4636F20	4909^30	4947D33	4964
32	89.2	4650F20	4911^30	4948D34	4966
30	88.9	4663F20	4912^31	4949D34	4968
20	87.4	4733F22	4918D33	4955D36	4976
10	85.9	4790^24	4910D35	4948D36	4972
0	84.3	4795^27	4914D35	4953D36	4984
-10	82.8	4792D29	4911D35	4952D36	4987
-20	81.2	4779D32	4903D35	4945D36	4985
-30	79.6	4764D33	4893D35	4936D36	4983

High QNH **+0** per .10" Engine A/I ON **-860**
Low QNH **-170** per .10" Wing A/I ON **-860**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4511F29-29-39	4638^31-31-41	4681F38-38-47	4748C39-39-48
46	90.9	4595F30-30-40	4752^33-33-42	4785^34-34-43	4852F40-40-49
44	90.8	4658F31-31-41	4839^34-34-43	4873^35-35-44	4918F41-41-50
42	90.5	4702F32-32-41	4897^35-35-44	4931^36-36-45	4960C42-42-51
40	90.3	4719F32-32-42	4906^35-35-44	4941^36-36-45	4974C42-42-51
38	90.0	4732F32-32-42	4909^35-35-44	4944^36-36-45	4975C42-42-51
36	89.7	4743F32-32-42	4911^35-35-44	4946^36-36-45	4976C42-42-51
34	89.5	4754F33-33-42	4912^35-35-45	4947^36-36-45	4977C42-42-51
32	89.2	4766F33-33-42	4913^35-35-45	4948^36-36-45	4979C42-42-51
30	88.9	4778F33-33-43	4914^35-35-45	4959F42-42-51	4981C42-42-51
20	87.4	4809^34-34-43	4934F42-42-51	4990C43-43-51	4990C43-43-51
10	85.9	4798^33-33-43	4986C42-42-51	4986C42-42-51	4986C42-42-51
0	84.3	4798^33-33-43	4998C43-43-52	4998C43-43-52	4998C43-43-52
-10	82.8	4856F40-40-50	5003C43-43-52	5003C43-43-52	5003C43-43-52
-20	81.2	4920F41-41-50	5000C43-43-52	5000C43-43-52	5000C43-43-52
-30	79.6	4913^41-41-50	4996C43-43-52	4996C43-43-52	4996C43-43-52

High QNH **+0** per .10" Engine A/I ON **-890**
Low QNH **-170** per .10" Wing A/I ON **-890**

ALL DATA BASED ON TO-1 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	4511F29	4638^31	4671^32
46	4595F30	4752^33	4785^34
44	4658F31	4839^34	4873^35
42	4702F32	4897^35	4931^36
40	4719F32	4906^35	4941^36
38	4732F32	4909^35	4944^36
36	4743F32	4911^35	4946^36
34	4754F33	4912^35	4947^36
32	4766F33	4913^35	4948^36
30	4778F33	4914^35	4949^36
20	4809^34	4918^35	4955^36
10	4798^33	4910^35	4948^36
0	4798^33	4914^35	4953^36
-10	4792^33	4911^35	4952^36

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

Engine A/I ON **-860**
Wing A/I ON **-860**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4501F29	4632^31	4665^32
46	4584F30	4746^33	4779^33
44	4647F31	4834^34	4868^35
42	4690F32	4892^35	4926^36
40	4708F32	4901^35	4936^36
38	4721F32	4905^35	4940^36
36	4732F32	4907^35	4942^36
34	4744F33	4908^35	4943^36
32	4755F33	4909^35	4944^36
30	4767F33	4910^35	4945^36
20	4804^33	4913^35	4950^36
10	4713^32	4825^34	4862^35
0	4713^32	4828^34	4866^35
-10	4705^32	4824^34	4863^35

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	4410F17	4637^26	4671D30
46	4485F17	4749^27	4785D30
44	4541F18	4835^27	4873^31
42	4578F18	4892^28	4930^31
40	4597F19	4902^28	4940^32
38	4609F19	4905^29	4944D32
36	4622F19	4907^29	4946D33
34	4636F20	4909^30	4947D33
32	4650F20	4911^30	4948D34
30	4663F20	4912^31	4949D34
20	4733F22	4918D33	4955D36
10	4790^24	4910D35	4948D36
0	4795^27	4914D35	4953D36
-10	4792D29	4911D35	4952D36

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

Engine A/I ON **-860**
Wing A/I ON **-860**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4402F16	4631^26	4665D30
46	4477F17	4743^27	4779D30
44	4533F18	4830^27	4868^31
42	4570F18	4887^28	4925^31
40	4589F19	4897^28	4936^32
38	4603F19	4901^29	4940D32
36	4614F19	4903^29	4942D33
34	4628F20	4905^29	4943D33
32	4642F20	4906^30	4944D33
30	4656F20	4908^30	4945D34
20	4725F22	4913D33	4950D36
10	4708^24	4825D34	4862D35
0	4712^27	4828D34	4866D35
-10	4705D29	4824D34	4863D35

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	4062F98	4321F 8	4415F12
26	4072F99	4333F 9	4428F12
24	4083F99	4345F 9	4442F12
22	4093F99	4358F10	4454F13
20	4104F 0	4371F10	4466F13
18	4114F 0	4383F10	4479F14
16	4123F 0	4395F11	4493F14
14	4134F 1	4407F11	4506F14
12	4144F 1	4420F11	4519F15
10	4155F 2	4432F12	4532F15
0	4215F 3	4503F14	4607F17
-10	4275F 6	4573F16	4681F20
-20	4334F 8	4646F18	4756F22
-30	4399F10	4720F21	4835F24

High QNH **+80** per .10"
Low QNH **-70** per .10"

Engine A/I ON **-460**
Wing A/I ON **-460**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3638F 3	4058F11	4222F14
26	3650F 4	4075F12	4241F14
24	3662F 4	4093F12	4260F14
22	3675F 4	4111F12	4280F15
20	3685F 4	4131F13	4286^15
18	3698F 5	4147F13	4286^15
16	3711F 5	4168F13	4285^15
14	3724F 5	4188F13	4282^15
12	3740F 6	4208F14	4279^15
10	3740F 6	4229F14	4279^15
0	3843F 7	4241^14	4285^15
-10	3911F 9	4238^14	4282^15
-20	4008F11	4232^14	4277^15
-30	4080^12	4220^14	4269^15

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-720**
Wing A/I ON **-720**

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	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
		D7.7 MEX	**D8.5 IMWX**	**RT MEX**	**8297'**	**LEFT TURNS**

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	89.0	3885^20	3964^22	3990^22
34	89.1	3924^21	4003^22	4029^23
32	89.4	4001^22	4081^23	4106^24
30	89.7	4072^23	4161^25	4187^25
28	89.9	4140^24	4243^26	4270^26
26	90.1	4207^25	4324^27	4352^27
24	90.4	4273^26	4406^28	4434^29
22	90.6	4338^27	4478^29	4516^30
20	90.9	4385^27	4524^30	4553^30
15	90.1	4412^28	4547^30	4576^31
10	89.3	4429^28	4548^30	4577^31
5	88.5	4446^28	4549^30	4578^31
0	87.7	4458^29	4548^30	4578^31
-5	86.9	4450^28	4541^30	4572^31
-10	86.1	4441^28	4534^30	4565^31
-15	85.3	4440^28	4534^30	4566^30

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
35	89.0	3885D20	3964D22	3990D22	4045
34	89.1	3924D21	4003D22	4029D23	4084
32	89.4	4001D22	4081D23	4106D24	4162
30	89.7	4072D23	4161D25	4187D25	4243
28	89.9	4140D23	4243D26	4270D26	4325
26	90.1	4207D24	4324D27	4352D28	4407
24	90.4	4273D24	4406D28	4434D29	4489
22	90.6	4338D24	4478D29	4516D30	4571
20	90.9	4385D25	4524D30	4553D30	4613
15	90.1	4412D26	4547D30	4576D31	4635
10	89.3	4429D27	4548D30	4577D31	4637
5	88.5	4446D28	4549D30	4578D31	4639
0	87.7	4458D29	4548D30	4578D31	4640
-5	86.9	4450D29	4541D30	4572D31	4635
-10	86.1	4441D28	4534D30	4565D31	4630
-15	85.3	4440D28	4534D30	4566D31	4633

High QNH **+90** per .10" Engine A/I ON **-5510**
Low QNH **-170** per .10" Wing A/I ON **-5510**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	92.4	3895^20	3973^22	3999^22
34	92.5	3933^21	4012^22	4038^23
32	92.9	4011^22	4089^23	4116^24
30	93.2	4091^23	4170^25	4197^25
28	93.6	4172^24	4251^26	4279^26
26	94.0	4248^26	4335^27	4361^28
24	94.3	4318^27	4417^28	4443^29
22	94.3	4387^28	4499^30	4526^30
20	94.3	4439^28	4537^30	4565^31
15	93.6	4478^29	4563^30	4591^31
10	92.8	4478^29	4564^30	4592^31
5	91.9	4477^29	4564^30	4593^31
0	91.1	4475^29	4564^30	4593^31
-5	90.3	4466^29	4557^30	4587^31
-10	89.4	4458^29	4549^30	4580^31
-15	88.6	4456^29	4549^30	4580^31

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
35	92.4	3895D20	3973D22	3999D22	4045
34	92.5	3933D21	4012D22	4038D23	4084
32	92.9	4011D22	4089D24	4116D24	4162
30	93.2	4091D23	4170D25	4197D25	4243
28	93.6	4172D25	4251D26	4279D27	4325
26	94.0	4248D25	4335D27	4361D28	4407
24	94.3	4318D26	4417D28	4443D29	4489
22	94.3	4387D26	4499D30	4526D30	4571
20	94.3	4439D27	4537D30	4565D31	4613
15	93.6	4478D29	4563D31	4591D31	4635
10	92.8	4478D29	4564D31	4592D31	4637
5	91.9	4477D29	4564D31	4593D31	4639
0	91.1	4475D29	4564D31	4593D31	4640
-5	90.3	4466D29	4557D30	4587D31	4635
-10	89.4	4458D29	4549D30	4580D31	4630
-15	88.6	4456D29	4549D30	4580D31	4633

High QNH **+90** per .10" Engine A/I ON **-5560**
Low QNH **-170** per .10" Wing A/I ON **-5560**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
35	92.4	3913^26-26-35	4038^28-28-37	4081^29-29-38	4103C30-30-38
34	92.5	3946^26-26-35	4072^29-29-37	4116^30-30-38	4143C30-30-39
32	92.9	4011^27-27-36	4140^30-30-39	4184^31-31-39	4222C32-32-40
30	93.2	4091^23-23-32	4207^31-31-40	4252^32-32-40	4298^33-33-41
28	93.6	4172^24-24-34	4276^32-32-41	4322^33-33-41	4368^34-34-42
26	94.0	4248^26-26-35	4344^33-33-42	4391^34-34-43	4438^35-35-43
24	94.3	4318^27-27-36	4417^28-28-37	4461^35-35-44	4510^36-36-44
22	94.3	4387^28-28-37	4499^30-30-39	4532^36-36-45	4582^37-37-45
20	94.3	4439^28-28-38	4537^30-30-39	4586^37-37-46	4635^37-37-46
15	93.6	4478^29-29-38	4579^36-36-45	4628^37-37-46	4678^38-38-47
10	92.8	4478^29-29-38	4599^37-37-46	4648^38-38-46	4697^39-39-47
5	91.9	4477^29-29-38	4617^37-37-46	4666^38-38-47	4705C39-39-47
0	91.1	4492^35-35-44	4635^37-37-46	4685^38-38-47	4707C39-39-47
-5	90.3	4503^35-35-44	4647^38-38-46	4696^38-38-47	4699C39-39-47
-10	89.4	4518^35-35-44	4660^38-38-47	4697C39-39-47	4697C39-39-47
-15	88.6	4536^36-36-45	4679^38-38-47	4701C39-39-47	4701C39-39-47

High QNH **+100** per .10" Engine A/I ON **-4710**
Low QNH **-170** per .10" Wing A/I ON **-4710**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	7297	Length	11201	Shift	**0**	Clearway	0	Stopway	872	Slope	+0.01
Rwy Rev.		Program						Rules	FAA		**23 Jun 22**

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MEXICO CITY -MEX 05L *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
35	3895^20	3973^22	3999^22
34	3933^21	4012^22	4038^23
32	4011^22	4089^23	4116^24
30	4091^23	4170^25	4197^25
28	4172^24	4251^26	4279^26
26	4248^26	4335^27	4361^28
24	4318^27	4417^28	4443^29
22	4387^28	4499^30	4526^30
20	4439^28	4537^30	4565^31
15	4478^29	4563^30	4591^31
10	4478^29	4564^30	4592^31
5	4477^29	4564^30	4593^31
0	4475^29	4564^30	4593^31
-5	4466^29	4557^30	4587^31

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

Engine A/I ON **-5560**
Wing A/I ON **-5560**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3889^20	3967^22	3994^22
3928^21	4006^22	4033^23
4006^22	4084^23	4111^24
4086^23	4165^25	4192^25
4168^24	4248^26	4275^26
4241^25	4331^27	4356^28
4311^26	4414^28	4440^29
4382^27	4496^30	4523^30
4433^28	4535^30	4563^30
4471^29	4560^30	4588^31
3923^21	4006^22	4034^23
4157^24	4242^26	4270^26
4373^27	4461^29	4490^29
4389^28	4479^29	4507^30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-160**
Wing A/I ON **-160**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
35	3895D20	3973D22	3999D22
34	3933D21	4012D22	4038D23
32	4011D22	4089D24	4116D24
30	4091D23	4170D25	4197D25
28	4172D25	4251D26	4279D27
26	4248D25	4335D27	4361D28
24	4318D26	4417D28	4443D29
22	4387D26	4499D30	4526D30
20	4439D27	4537D30	4565D31
15	4478D29	4563D31	4591D31
10	4478D29	4564D31	4592D31
5	4477D29	4564D31	4593D31
0	4475D29	4564D31	4593D31
-5	4466D29	4557D30	4587D31

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

Engine A/I ON **-5560**
Wing A/I ON **-5560**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3889D20	3967D22	3994D22
3928D21	4006D22	4033D23
4006D22	4084D23	4111D24
4086D23	4165D25	4192D25
4168D24	4248D26	4275D26
4241D25	4331D27	4356D28
4311D26	4414D28	4440D29
4382D26	4496D30	4523D30
4433D27	4535D30	4563D31
4471D28	4560D31	4588D31
3923D21	4006D22	4034D23
4157D24	4242D26	4270D26
4373D27	4461D29	4490D30
4389D28	4479D29	4507D30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-160**
Wing A/I ON **-160**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3886^ 4	4067^12	4130^15
26	3948^ 4	4131^13	4195^16
24	4009^ 4	4194^13	4259^16
22	4071^ 5	4259^14	4324^17
20	4118^ 5	4309^14	4375^17
15	4161^ 7	4356^16	4423^19
10	4185^ 7	4382^17	4451^20
5	4209^ 8	4408^18	4477^21
0	4234^ 9	4434^19	4504^22
-5	4253^11	4455^20	4525^23
-10	4276^12	4479^21	4550^24
-15	4302^13	4507^22	4559^25
-20	4327^14	4521^23	4560^27
-25	4350^15	4520^25	4559^28

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

Engine A/I ON **-3860**
Wing A/I ON **-3860**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
3685F 7	3883^15	3950^17
3745F 8	3945^15	4012^18
3807F 8	4009^16	4077^18
3870F 9	4074^16	4144^19
3922F 9	4128^17	4199^20
3980F11	4188^19	4261^21
4008F12	4216^20	4291^22
4035^12	4245^21	4321^23
4059^13	4274^21	4351^24
4080^14	4299^22	4379^25
4105^15	4328^23	4407^26
4132^16	4360^24	4440^27
4157^17	4389^25	4470^28
4183^18	4419^26	4503^29

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

Engine A/I ON **-2340**
Wing A/I ON **-2340**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

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

Engine A/I ON
Wing A/I ON

Elevation	7297	Length	11201	Shift	**0**	Clearway	0	Stopway	872	Slope	+0.01
Rwy Rev.		Program						Rules	FAA		**23 Jun 22**

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MEXICO CITY **-MEX** **05R** ***SPECIAL***

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D8.2 MEX	**D9.0 IMWX**	**RT MEX**	**8297'**	**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
35	89.0	3885^20	3964^22	3991^22	3885D20	3964D22	3991D22	4045
34	89.1	3924^21	4003^22	4030^23	3924D21	4003D22	4030D23	4084
32	89.4	4001^22	4081^23	4108^24	4001D22	4081D23	4108D24	4162
30	89.7	4081^23	4161^25	4188^25	4081D23	4161D25	4188D25	4243
28	89.9	4161^24	4243^26	4270^26	4161D24	4243D26	4270D26	4325
26	90.1	4241^25	4324^27	4351^27	4241D26	4324D27	4351D28	4407
24	90.4	4322^27	4405^28	4434^29	4322D27	4405D28	4434D29	4489
22	90.6	4403^28	4486^29	4514^30	4403D28	4486D29	4514D30	4571
20	90.9	4440^28	4524^30	4552^30	4440D28	4524D30	4552D30	4613
15	90.1	4461^29	4547^30	4576^31	4461D29	4547D30	4576D31	4635
10	89.3	4461^29	4548^30	4577^31	4461D29	4548D30	4577D31	4637
5	88.5	4460^29	4548^30	4578^31	4460D29	4548D30	4578D31	4639
0	87.7	4458^29	4548^30	4578^31	4458D29	4548D30	4578D31	4640
-5	86.9	4450^28	4541^30	4572^31	4450D29	4541D30	4572D31	4635
-10	86.1	4441^28	4534^30	4565^30	4441D28	4534D30	4565D31	4630
-15	85.3	4440^28	4534^30	4565^30	4440D28	4534D30	4565D31	4633

High QNH **+90** per .10" Engine A/I ON **-5070**
Low QNH **-170** per .10" Wing A/I ON **-5070**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
35	92.4	3894^20	3973^22	3999^22	3894D20	3973D22	3999D22	4045
34	92.5	3933^21	4012^22	4038^23	3933D21	4012D22	4038D23	4084
32	92.9	4011^22	4089^23	4116^24	4011D22	4089D24	4116D24	4162
30	93.2	4091^23	4170^25	4197^25	4091D23	4170D25	4197D25	4243
28	93.6	4172^24	4252^26	4279^26	4172D25	4252D26	4279D27	4325
26	94.0	4253^26	4334^27	4361^28	4253D26	4334D27	4361D28	4407
24	94.3	4334^27	4416^28	4444^29	4334D27	4416D28	4444D29	4489
22	94.3	4416^28	4498^30	4525^30	4416D28	4498D30	4525D30	4571
20	94.3	4454^29	4537^30	4565^31	4454D29	4537D30	4565D31	4613
15	93.6	4478^29	4563^30	4591^31	4478D29	4563D31	4591D31	4635
10	92.8	4478^29	4564^30	4592^31	4478D29	4564D31	4592D31	4637
5	91.9	4477^29	4564^30	4593^31	4477D29	4564D31	4593D31	4639
0	91.1	4475^29	4564^30	4593^31	4475D29	4564D31	4593D31	4640
-5	90.3	4466^29	4556^30	4586^31	4466D29	4556D30	4586D31	4635
-10	89.4	4458^29	4549^30	4580^31	4458D29	4549D30	4580D31	4630
-15	88.6	4456^29	4549^30	4580^31	4456D29	4549D30	4580D31	4633

High QNH **+90** per .10" Engine A/I ON **-5120**
Low QNH **-170** per .10" Wing A/I ON **-5120**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
35	92.4	4014^28-28-36	4089^29-29-38	4103C30-30-38	4103C30-30-38
34	92.5	4053^29-29-37	4128^30-30-38	4143C30-30-39	4143C30-30-39
32	92.9	4133^30-30-38	4208^31-31-40	4222C32-32-40	4222C32-32-40
30	93.2	4215^31-31-40	4290^33-33-41	4301C33-33-41	4301C33-33-41
28	93.6	4297^32-32-41	4373^34-34-42	4384C34-34-42	4384C34-34-42
26	94.0	4381^34-34-42	4457^35-35-44	4466C35-35-44	4466C35-35-44
24	94.3	4465^35-35-44	4544^36-36-45	4548C36-36-45	4548C36-36-45
22	94.3	4500T35-35-44	4630^38-38-46	4630C38-38-46	4630C38-38-46
20	94.3	4533T36-36-45	4669^38-38-47	4684C38-38-47	4684C38-38-47
15	93.6	4613T37-37-46	4696^39-39-47	4698C39-39-47	4698C39-39-47
10	92.8	4615^37-37-46	4698^39-39-47	4701C39-39-47	4701C39-39-47
5	91.9	4614^37-37-46	4698^39-39-47	4705C39-39-47	4705C39-39-47
0	91.1	4613^37-37-46	4698^39-39-47	4707C39-39-47	4707C39-39-47
-5	90.3	4605^37-37-46	4691^38-38-47	4699C39-39-47	4699C39-39-47
-10	89.4	4596^37-37-46	4683^38-38-47	4697C39-39-47	4697C39-39-47
-15	88.6	4594^37-37-46	4683^38-38-47	4701C39-39-47	4701C39-39-47

High QNH **+100** per .10" Engine A/I ON **-5240**
Low QNH **-180** per .10" Wing A/I ON **-5240**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 7297 Length 13432 Shift **0** Clearway 0 Stopway 0 Slope +0.03
Rwy Rev. Program Rules FAA **23 Jun 22**

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MEXICO CITY -MEX 05R *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	Flaps -10T	+0	+10H
35	3894^20	3973^22	3999^22	3889^20	3968^22	3994^22			
34	3933^21	4012^22	4038^23	3928^21	4007^22	4033^23			
32	4011^22	4089^23	4116^24	4006^22	4084^23	4111^24			
30	4091^23	4170^25	4197^25	4086^23	4239C25	4192^25			
28	4172^24	4252^26	4279^26	4168^24	4248^26	4275^26			
26	4253^26	4334^27	4361^28	4249^26	4330^27	4357^28			
24	4334^27	4416^28	4444^29	4331^27	4413^28	4441^29			
22	4416^28	4498^30	4525^30	4413^28	4495^29	4523^30			
20	4454^29	4537^30	4565^31	4451^29	4535^30	4562^30			
15	4478^29	4563^30	4591^31	4475^29	4560^30	4588^31			
10	4478^29	4564^30	4592^31	3923^21	4006^22	4034^23			
5	4477^29	4564^30	4593^31	4157^24	4242^26	4270^26			
0	4475^29	4564^30	4593^31	4373^27	4461^29	4490^29			
-5	4466^29	4556^30	4586^31	4389^28	4479^29	4507^30			
	High QNH **+90** per .10"			High QNH **+0** per .10"			High QNH per .10"		
	Low QNH **-170** per .10"			Low QNH **-420** per .10"			Low QNH per .10"		
	Engine A/I ON **-5120**			Engine A/I ON **-160**			Engine A/I ON		
	Wing A/I ON **-5120**			Wing A/I ON **-160**			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
35	3894D20	3973D22	3999D22	3889D20	3968D22	3994D22			
34	3933D21	4012D22	4038D23	3928D21	4007D22	4033D23			
32	4011D22	4089D24	4116D24	4006D22	4084D24	4111D24			
30	4091D23	4170D25	4197D25	4086D23	4172^25	4192D25			
28	4172D25	4252D26	4279D27	4168D24	4248D26	4275D26			
26	4253D26	4334D27	4361D28	4249D26	4330D27	4357D28			
24	4334D27	4416D28	4444D29	4331D27	4413D28	4441D29			
22	4416D28	4498D30	4525D30	4413D28	4495D30	4523D30			
20	4454D29	4537D30	4565D31	4451D29	4535D30	4562D31			
15	4478D29	4563D31	4591D31	4475D29	4560D31	4588D31			
10	4478D29	4564D31	4592D31	3923D21	4006D22	4034D23			
5	4477D29	4564D31	4593D31	4157D24	4242D26	4270D26			
0	4475D29	4564D31	4593D31	4373D27	4461D29	4490D30			
-5	4466D29	4556D30	4586D31	4389D28	4479D29	4507D30			
	High QNH **+90** per .10"			High QNH **+100** per .10"			High QNH per .10"		
	Low QNH **-170** per .10"			Low QNH **-250** per .10"			Low QNH per .10"		
	Engine A/I ON **-5120**			Engine A/I ON **-160**			Engine A/I ON		
	Wing A/I ON **-5120**			Wing A/I ON **-160**			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	4125^ 9	4222^18	4255^21	3936F11	4141F19	4208^21			
26	4204^ 9	4302^18	4335^21	4003F12	4208F19	4281F21			
24	4283^ 9	4382^18	4416^22	4071F12	4277F20	4350F22			
22	4362^10	4463^19	4497^22	4140F13	4350F20	4424F23			
20	4401^10	4502^20	4536^23	4198F14	4412F21	4487F24			
15	4428^12	4531^21	4566^24	4263F15	4485F23	4527^25			
10	4430^13	4536^22	4571^26	4291F16	4494^24	4536^27			
5	4433^14	4540^24	4576^27	4320F17	4502^25	4543^28			
0	4434^15	4542^25	4579^28	4349F18	4508^26	4551^29			
-5	4428^17	4539^26	4577^30	4375F19	4509^27	4556^30			
-10	4424^18	4536^28	4574^31	4384^20	4512^29	4552^30			
-15	4426^19	4540^29	4574^31	4388^21	4521^30	4552^30			
-20	4424^21	4539^30	4571^31	4389^22	4517^30	4550^30			
-25	4421^22	4534^30	4566^31	4390^24	4512^30	4544^30			
	High QNH **+100** per .10"			High QNH **+100** per .10"			High QNH per .10"		
	Low QNH **-170** per .10"			Low QNH **-180** per .10"			Low QNH per .10"		
	Engine A/I ON **-4880**			Engine A/I ON **-4620**			Engine A/I ON		
	Wing A/I ON **-4880**			Wing A/I ON **-4620**			Wing A/I ON		

Elevation 7297 Length 13432 Shift **0** Clearway 0 Stopway 0 Slope +0.03

Rwy Rev. Program Rules FAA **23 Jun 22**

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CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.0 MEX	D7.8 IMEX	LT MEX	8297	STD

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	89.0	3840^19	3958^21	3991^22
34	89.1	3875^20	3993^22	4030^23
32	89.4	3943^21	4064^23	4105^24
30	89.7	4012^22	4135^24	4177^25
28	89.9	4083^23	4208^25	4251^26
26	90.1	4153^24	4280^26	4324^27
24	90.4	4222^25	4353^27	4397^28
22	90.6	4290^26	4424^28	4469^29
20	90.9	4336^26	4471^29	4517^30
15	90.1	4359^27	4494^29	4540^30
10	89.3	4371^27	4506^29	4552^30
5	88.5	4383^27	4518^30	4565^30
0	87.7	4393^27	4529^30	4576^31
-5	86.9	4397^27	4533^30	4572^31
-10	86.1	4404^28	4535^30	4566^31
-15	85.3	4416^28	4535^30	4566^31

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
35	89.0	3840D20	3958D22	3991D22	4045
34	89.1	3875D20	3993D22	4030D23	4084
32	89.4	3943D21	4064D23	4105D24	4162
30	89.7	4012D22	4135D25	4177D25	4243
28	89.9	4083D23	4208D26	4251D26	4325
26	90.1	4153D24	4280D27	4324D27	4407
24	90.4	4222D25	4353D28	4397D29	4489
22	90.6	4290D26	4424D29	4469D30	4571
20	90.9	4336D27	4471D29	4517D30	4613
15	90.1	4359D27	4494D30	4540D31	4635
10	89.3	4371D28	4506D30	4552D31	4637
5	88.5	4383D28	4518D30	4565D31	4639
0	87.7	4393D28	4529D30	4576D31	4640
-5	86.9	4397D28	4533D30	4572D31	4635
-10	86.1	4404D28	4535D30	4566D31	4630
-15	85.3	4416D28	4535D30	4566D31	4633

High QNH **+100** per .10" Engine A/I ON **-5080**
Low QNH **-160** per .10" Wing A/I ON **-5080**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	92.4	3862^20	3973^22	4000^22
34	92.5	3896^20	4012^22	4039^23
32	92.9	3966^21	4084^23	4117^24
30	93.2	4036^22	4156^24	4197^25
28	93.6	4108^23	4230^26	4272^26
26	94.0	4179^24	4304^27	4347^27
24	94.3	4251^25	4378^28	4421^28
22	94.3	4322^26	4452^29	4497^30
20	94.3	4371^27	4502^29	4546^30
15	93.6	4400^28	4532^30	4575^31
10	92.8	4411^28	4543^30	4587^31
5	91.9	4422^28	4553^30	4594^31
0	91.1	4432^28	4564^30	4594^31
-5	90.3	4434^28	4557^30	4587^31
-10	89.4	4440^28	4550^30	4580^31
-15	88.6	4451^28	4549^30	4580^31

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
35	92.4	3862D20	3973D22	4000D22	4045
34	92.5	3896D21	4012D22	4039D23	4084
32	92.9	3966D22	4084D24	4117D24	4162
30	93.2	4036D23	4156D25	4197D25	4243
28	93.6	4108D24	4230D26	4272D27	4325
26	94.0	4179D25	4304D27	4347D28	4407
24	94.3	4251D26	4378D28	4421D29	4489
22	94.3	4322D27	4452D29	4497D30	4571
20	94.3	4371D28	4502D30	4546D31	4613
15	93.6	4400D28	4532D30	4575D31	4635
10	92.8	4411D28	4543D31	4587D31	4637
5	91.9	4422D28	4553D31	4594D31	4639
0	91.1	4432D29	4564D31	4594D31	4640
-5	90.3	4434D29	4557D30	4587D31	4635
-10	89.4	4440D29	4550D30	4580D31	4630
-15	88.6	4451D29	4549D30	4580D31	4633

High QNH **+90** per .10" Engine A/I ON **-5350**
Low QNH **-170** per .10" Wing A/I ON **-5350**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
35	92.4	3872^25-25-34	3992^28-28-36	4032^28-28-37	4074^29-29-37
34	92.5	3906^26-26-35	4027^28-28-37	4068^29-29-37	4110^30-30-38
32	92.9	3974^27-27-36	4097^29-29-38	4139^30-30-39	4182^31-31-39
30	93.2	4042^28-28-37	4168^30-30-39	4210^31-31-40	4254^32-32-40
28	93.6	4112^29-29-38	4240^31-31-40	4284^32-32-41	4328^33-33-42
26	94.0	4182^30-30-39	4312^32-32-41	4356^33-33-42	4401^34-34-43
24	94.3	4252^31-31-40	4384^33-33-42	4429^34-34-43	4475^35-35-44
22	94.3	4323^32-32-41	4457^34-34-44	4504^35-35-44	4550^36-36-45
20	94.3	4371^33-33-42	4507^35-35-44	4554^36-36-45	4601^37-37-46
15	93.6	4405^33-33-43	4541^36-36-45	4587^37-37-46	4634^37-37-46
10	92.8	4418^34-34-43	4554^36-36-45	4601^37-37-46	4648^38-38-46
5	91.9	4429^34-34-43	4567^36-36-45	4614^37-37-46	4661^38-38-47
0	91.1	4442^34-34-43	4579^36-36-45	4626^37-37-46	4673^38-38-47
-5	90.3	4447^34-34-43	4584^37-37-45	4631^37-37-46	4678^38-38-47
-10	89.4	4454^34-34-43	4591^37-37-46	4639^38-38-46	4686^38-38-47
-15	88.6	4467^34-34-44	4605^37-37-46	4651^38-38-47	4699^39-39-47

High QNH **+100** per .10" Engine A/I ON **-4400**
Low QNH **-160** per .10" Wing A/I ON **-4400**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 7297 Length 12785 Shift **0** Clearway 0 Stopway 263 Slope -0.03
Rwy Rev. Program Rules FAA **17 Aug 23**

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MEXICO CITY -MEX 23L *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	3862^20	3973^22	4000^22
34	3896^20	4012^22	4039^23
32	3966^21	4084^23	4117^24
30	4036^22	4156^24	4197^25
28	4108^23	4230^26	4272^26
26	4179^24	4304^27	4347^27
24	4251^25	4378^28	4421^28
22	4322^26	4452^29	4497^30
20	4371^27	4502^29	4546^30
15	4400^28	4532^30	4575^31
10	4411^28	4543^30	4587^31
5	4422^28	4553^30	4594^31
0	4432^28	4564^30	4594^31
-5	4434^28	4557^30	4587^31

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

Engine A/I ON **-5350**
Wing A/I ON **-5350**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	3856^19	3968^22	3994^22
34	3891^20	4007^22	4034^23
32	3960^21	4079^23	4112^24
30	4031^22	4151^24	4193^25
28	4102^23	4225^25	4267^26
26	4174^24	4299^26	4341^27
24	4246^25	4373^28	4417^28
22	4318^26	4448^29	4492^29
20	4367^27	4497^29	4542^30
15	4397^27	4528^30	4572^31
10	3924^21	4007^22	4034^23
5	4157^24	4242^26	4271^26
0	4358^27	4461^29	4490^29
-5	4376^27	4479^29	4508^30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-160**
Wing A/I ON **-160**

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	3862D20	3973D22	4000D22
34	3896D21	4012D22	4039D23
32	3966D22	4084D24	4117D24
30	4036D23	4156D25	4197D25
28	4108D24	4230D26	4272D27
26	4179D25	4304D27	4347D28
24	4251D26	4378D28	4421D29
22	4322D27	4452D29	4497D30
20	4371D28	4502D30	4546D31
15	4400D28	4532D30	4575D31
10	4411D28	4543D31	4587D31
5	4422D28	4553D31	4594D31
0	4432D29	4564D31	4594D31
-5	4434D29	4557D30	4587D31

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

Engine A/I ON **-5350**
Wing A/I ON **-5350**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	3856D20	3968D22	3994D22
34	3891D21	4007D22	4034D23
32	3960D22	4079D24	4112D24
30	4031D23	4151D25	4193D25
28	4102D24	4225D26	4267D26
26	4174D25	4299D27	4341D28
24	4246D26	4373D28	4417D29
22	4318D27	4448D29	4492D30
20	4367D28	4497D30	4542D31
15	4397D28	4528D30	4572D31
10	3924D21	4007D22	4034D23
5	4157D24	4242D26	4271D26
0	4358D27	4461D29	4490D30
-5	4376D28	4479D29	4508D30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-160**
Wing A/I ON **-160**

LEVEL 1 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3945^ 8	4113^17	4172^20
26	4010^ 8	4181^17	4240^20
24	4076^ 9	4249^18	4308^20
22	4140^ 9	4317^18	4377^21
20	4188^10	4366^19	4427^22
15	4225^11	4406^20	4468^23
10	4243^12	4426^21	4490^24
5	4262^13	4446^22	4510^25
0	4282^14	4466^24	4530^26
-5	4294^15	4480^25	4545^28
-10	4309^17	4496^26	4562^29
-15	4329^18	4518^27	4574^30
-20	4347^19	4535^28	4572^31
-25	4363^20	4534^30	4566^31

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

Engine A/I ON **-4210**
Wing A/I ON **-4210**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	3808^11	3991^18	4059^21
26	3872^11	4056^19	4123^21
24	3936^12	4123^20	4190^22
22	4001^12	4191^20	4258^23
20	4053^13	4244^21	4313^23
15	4103^15	4300^23	4370^25
10	4124^16	4325^24	4397^26
5	4145^17	4350^25	4424^27
0	4167^18	4374^25	4452^28
-5	4184^19	4397^26	4474^29
-10	4204^20	4422^27	4481^29
-15	4228^21	4449^28	4494^29
-20	4249^22	4457^29	4504^29
-25	4271^23	4464^29	4510^30

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

Engine A/I ON **-3510**
Wing A/I ON **-3510**

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	7297	Length	12785	Shift	**0**	Clearway	0	Stopway	263	Slope	-0.03
Rwy Rev.		Program						Rules	FAA		**17 Aug 23**

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MEXICO CITY -MEX 23R *SPECIAL*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D6.5 MEX	D7.3 IMEX	LT MEX	8297'	STD

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	89.0	3807^18	3929^21	3971^22
34	89.1	3840^19	3963^21	4005^22
32	89.4	3906^20	4032^22	4074^23
30	89.7	3971^21	4100^23	4143^24
28	89.9	4039^22	4169^24	4214^25
26	90.1	4106^23	4239^25	4284^26
24	90.4	4172^24	4308^26	4354^27
22	90.6	4236^25	4375^27	4422^28
20	90.9	4281^25	4423^28	4470^29
15	90.1	4307^26	4448^28	4496^29
10	89.3	4322^26	4463^29	4511^30
5	88.5	4337^26	4478^29	4527^30
0	87.7	4351^27	4493^29	4541^30
-5	86.9	4359^27	4500^29	4548^30
-10	86.1	4370^27	4511^30	4558^30
-15	85.3	4385^27	4523^30	4566^30

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
35	89.0	3807D19	3929D21	3971D22	4045
34	89.1	3840D20	3963D22	4005D23	4084
32	89.4	3906D21	4032D23	4074D24	4162
30	89.7	3971D22	4100D24	4143D25	4243
28	89.9	4039D23	4169D25	4214D26	4325
26	90.1	4106D24	4239D26	4284D27	4407
24	90.4	4172D25	4308D27	4354D28	4489
22	90.6	4236D26	4375D28	4422D29	4571
20	90.9	4281D26	4423D29	4470D30	4613
15	90.1	4307D27	4448D29	4496D30	4635
10	89.3	4322D27	4463D29	4511D30	4637
5	88.5	4337D27	4478D30	4527D30	4639
0	87.7	4351D27	4493D30	4541D31	4640
-5	86.9	4359D28	4500D30	4548D31	4635
-10	86.1	4370D28	4511D30	4558D31	4630
-15	85.3	4385D28	4523D30	4566D31	4633

High QNH **+100** per .10" — Engine A/I ON **-4650**
Low QNH **-160** per .10" — Wing A/I ON **-4650**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
35	92.4	3836^19	3952^21	3992^22
34	92.5	3870^20	3988^22	4028^23
32	92.9	3937^21	4059^23	4099^24
30	93.2	4004^22	4129^24	4171^25
28	93.6	4073^23	4200^25	4243^26
26	94.0	4141^24	4271^26	4315^27
24	94.3	4210^25	4342^27	4388^28
22	94.3	4279^26	4414^28	4460^29
20	94.3	4327^26	4464^29	4510^30
15	93.6	4362^27	4498^29	4544^30
10	92.8	4376^27	4512^30	4558^30
5	91.9	4391^27	4524^30	4570^31
0	91.1	4402^28	4536^30	4581^31
-5	90.3	4404^28	4538^30	4584^31
-10	89.4	4411^28	4545^30	4580^31
-15	88.6	4423^28	4549^30	4580^31

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
35	92.4	3836D20	3952D22	3992D22	4045
34	92.5	3870D20	3988D22	4028D23	4084
32	92.9	3937D21	4059D23	4099D24	4162
30	93.2	4004D22	4129D24	4171D25	4243
28	93.6	4073D23	4200D26	4243D26	4325
26	94.0	4141D24	4271D27	4315D27	4407
24	94.3	4210D25	4342D28	4388D28	4489
22	94.3	4279D26	4414D29	4460D30	4571
20	94.3	4327D27	4464D29	4510D30	4613
15	93.6	4362D28	4498D30	4544D31	4635
10	92.8	4376D28	4512D30	4558D31	4637
5	91.9	4391D28	4524D30	4570D31	4639
0	91.1	4402D28	4536D30	4581D31	4640
-5	90.3	4404D28	4538D30	4584D31	4635
-10	89.4	4411D28	4545D30	4580D31	4630
-15	88.6	4423D29	4549D30	4580D31	4633

High QNH **+100** per .10" — Engine A/I ON **-5040**
Low QNH **-160** per .10" — Wing A/I ON **-5040**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
35	92.4	3836^19-19-28	3952^21-21-30	3992^22-22-31	4032^28-28-37
34	92.5	3870^20-20-29	3988^22-22-31	4028^23-23-31	4066^29-29-37
32	92.9	3937^21-21-30	4059^23-23-32	4099^24-24-33	4141^24-24-33
30	93.2	4004^22-22-31	4129^24-24-33	4171^25-25-34	4213^25-25-34
28	93.6	4073^23-23-32	4200^25-25-34	4243^26-26-35	4288^27-27-35
26	94.0	4141^24-24-33	4271^26-26-35	4315^27-27-36	4360^28-28-37
24	94.3	4210^25-25-34	4342^27-27-36	4388^28-28-37	4432^29-29-38
22	94.3	4279^26-26-35	4414^28-28-37	4460^29-29-38	4506^30-30-39
20	94.3	4327^26-26-36	4464^29-29-38	4510^30-30-39	4557^30-30-40
15	93.6	4362^27-27-37	4498^29-29-39	4544^30-30-39	4591^31-31-40
10	92.8	4376^27-27-37	4512^30-30-39	4558^30-30-40	4604^31-31-40
5	91.9	4391^27-27-37	4524^30-30-39	4570^31-31-40	4616^31-31-40
0	91.1	4402^28-28-37	4536^30-30-39	4581^31-31-40	4625^37-37-46
-5	90.3	4404^28-28-37	4538^30-30-39	4585^37-37-46	4634^37-37-46
-10	89.4	4411^28-28-37	4547^36-36-45	4596^37-37-46	4646^38-38-46
-15	88.6	4423^28-28-38	4564^36-36-45	4613^37-37-46	4662^38-38-47

High QNH **+100** per .10" — Engine A/I ON **-4240**
Low QNH **-160** per .10" — Wing A/I ON **-4240**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 7297 Length 11745 Shift **0** Clearway 0 Stopway 466 Slope -0.01
Rwy Rev. Program Rules FAA **03 Mar 23**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
35	3836^19	3952^21	3992^22
34	3870^20	3988^22	4028^23
32	3937^21	4059^23	4099^24
30	4004^22	4129^24	4171^25
28	4073^23	4200^25	4243^26
26	4141^24	4271^26	4315^27
24	4210^25	4342^27	4388^28
22	4279^26	4414^28	4460^29
20	4327^26	4464^29	4510^30
15	4362^27	4498^29	4544^30
10	4376^27	4512^30	4558^30
5	4391^27	4524^30	4570^31
0	4402^28	4536^30	4581^31
-5	4404^28	4538^30	4584^31

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

Engine A/I ON **-5040**
Wing A/I ON **-5040**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
35	3830^19	3946^21	3986^22
34	3864^19	3982^22	4022^23
32	3931^20	4053^23	4094^24
30	3998^21	4123^24	4165^25
28	4067^22	4194^25	4238^26
26	4135^23	4265^26	4310^27
24	4204^24	4336^27	4382^28
22	4274^25	4408^28	4454^29
20	4323^26	4459^29	4506^29
15	4357^27	4494^29	4540^30
10	3924^21	4006^22	4034^23
5	4158^24	4242^26	4271^26
0	4329^27	4461^29	4490^29
-5	4347^27	4479^29	4507^30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-160**
Wing A/I ON **-160**

WET - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
35	3836D20	3952D22	3992D22
34	3870D20	3988D22	4028D23
32	3937D21	4059D23	4099D24
30	4004D22	4129D24	4171D25
28	4073D23	4200D26	4243D26
26	4141D24	4271D27	4315D27
24	4210D25	4342D28	4388D28
22	4279D26	4414D29	4460D30
20	4327D27	4464D29	4510D30
15	4362D28	4498D30	4544D31
10	4376D28	4512D30	4558D31
5	4391D28	4524D30	4570D31
0	4402D28	4536D30	4581D31
-5	4404D28	4538D30	4584D31

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

Engine A/I ON **-5040**
Wing A/I ON **-5040**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
35	3830D20	3946D22	3986D22
34	3864D20	3982D22	4022D23
32	3931D21	4053D23	4094D24
30	3998D22	4123D24	4165D25
28	4067D23	4194D25	4238D26
26	4135D24	4265D27	4310D27
24	4204D25	4336D28	4382D28
22	4274D26	4408D29	4454D29
20	4323D27	4459D29	4506D30
15	4357D28	4494D30	4540D31
10	3924D21	4006D22	4034D23
5	4158D24	4242D26	4271D26
0	4329D27	4461D29	4490D30
-5	4347D27	4479D29	4507D30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-160**
Wing A/I ON **-160**

LEVEL 1 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	3845^ 5	4023^13	4085^16
26	3906^ 5	4086^14	4149^17
24	3968^ 5	4150^14	4214^17
22	4029^ 6	4214^15	4279^17
20	4076^ 6	4263^15	4328^18
15	4116^ 8	4308^17	4375^20
10	4138^ 8	4331^18	4399^21
5	4160^10	4355^19	4424^22
0	4182^11	4379^20	4448^23
-5	4199^12	4397^21	4466^24
-10	4219^13	4418^22	4487^25
-15	4243^14	4444^23	4514^26
-20	4264^15	4467^25	4538^28
-25	4284^16	4488^26	4560^29

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

Engine A/I ON **-3330**
Wing A/I ON **-3330**

LEVEL 2 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	3683^ 8	3873^16	3942^18
26	3745^ 8	3935^16	4004^18
24	3806^ 9	3997^17	4067^19
22	3870^ 9	4063^17	4133^20
20	3919^10	4116^18	4187^20
15	3969^11	4174^20	4246^22
10	3992^12	4200^20	4275^23
5	4016^13	4228^21	4304^24
0	4041^14	4256^22	4334^25
-5	4059^15	4279^23	4361^26
-10	4083^16	4306^24	4390^27
-15	4110^17	4338^25	4423^28
-20	4133^18	4368^26	4445^28
-25	4158^19	4398^27	4455^29

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

Engine A/I ON **-2650**
Wing A/I ON **-2650**

LEVEL 3 CONTAM

Flaps

-10T	+0	+10H

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

Engine A/I ON
Wing A/I ON

Elevation	7297	Length	11745	Shift	**0**	Clearway	0	Stopway	466	Slope	-0.01
Rwy Rev.		Program						Rules	FAA		**03 Mar 23**

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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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	91.1	4446^28	4540^30	4572^31	4445^23	4540D30	4572D31	4610
44	91.3	4547^30	4642^32	4674^32	4544^23	4642D32	4674D32	4712
42	91.5	4647^31	4744^33	4776^33	4643^23	4744D33	4776D34	4814
40	91.6	4732^32	4830^34	4862^35	4726^24	4830D34	4862D35	4886
38	91.4	4791^33	4890^35	4923^36	4785^24	4890D35	4923D36	4946
36	91.1	4805^34	4906^35	4939^36	4799^25	4906D35	4939D36	4956
34	90.9	4811^34	4912^35	4945^36	4805^25	4912D35	4945D36	4958
32	90.6	4811^34	4913^35	4946^36	4806^26	4913D35	4946D36	4959
30	90.3	4811^34	4914^35	4947^36	4807^26	4914D36	4947D36	4961
20	88.8	4813^34	4918^35	4953^36	4812^28	4918D36	4953D36	4969
10	87.2	4805^34	4913^35	4949^36	4805D31	4913D35	4949D36	4968
0	85.7	4799^33	4909^35	4947^36	4799D33	4909D35	4947D36	4970
-10	84.1	4793^33	4908^35	4946^36	4793D33	4908D35	4946D36	4974
-20	82.5	4781^33	4900^35	4940^36	4781D33	4900D35	4940D36	4973
-30	80.9	4766^33	4890^35	4931^36	4766D33	4890D35	4931D36	4970
-40	79.2	4749^33	4877^35	4921^35	4749D33	4877D35	4921D36	4965

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
46	91.1	4580^36-36-45	4647C38-38-46	4647C38-38-46	4647C38-38-46
44	91.3	4684^38-38-47	4754C39-39-48	4754C39-39-48	4754C39-39-48
42	91.5	4776F39-39-48	4860C41-41-50	4860C41-41-50	4860C41-41-50
40	91.6	4842F40-40-49	4929C42-42-51	4929C42-42-51	4929C42-42-51
38	91.4	4888F41-41-50	4960C42-42-51	4960C42-42-51	4960C42-42-51
36	91.1	4912F41-41-50	4975C42-42-51	4975C42-42-51	4975C42-42-51
34	90.9	4929F42-42-51	4977C42-42-51	4977C42-42-51	4977C42-42-51
32	90.6	4943F42-42-51	4979C42-42-51	4979C42-42-51	4979C42-42-51
30	90.3	4957F42-42-51	4981C42-42-51	4981C42-42-51	4981C42-42-51
20	88.8	4962^42-42-51	4988C43-43-51	4988C43-43-51	4988C43-43-51
10	87.2	4955^42-42-51	4986C43-43-51	4986C43-43-51	4986C43-43-51
0	85.7	4948^42-42-51	4992C43-43-52	4992C43-43-52	4992C43-43-52
-10	84.1	4943^42-42-51	4996C43-43-52	4996C43-43-52	4996C43-43-52
-20	82.5	4931^42-42-51	4993C43-43-52	4993C43-43-52	4993C43-43-52
-30	80.9	4917^41-41-50	4992C43-43-52	4992C43-43-52	4992C43-43-52
-40	79.2	4899^41-41-50	4987C43-43-51	4987C43-43-51	4987C43-43-51

High QNH **+0** per .10" Engine A/I ON **-860**
Low QNH **-170** per .10" Wing A/I ON **-860**

ALL DATA BASED ON TO-1 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	4446^28	4540^30	4572^31	4440^28	4534^30	4566^31			
44	4547^30	4642^32	4674^32	4541^30	4637^31	4669^32			
42	4647^31	4744^33	4776^33	4642^31	4739^33	4771^33			
40	4732^32	4830^34	4862^35	4727^32	4825^34	4858^35			
38	4791^33	4890^35	4923^36	4787^33	4885^35	4919^36			
36	4805^34	4906^35	4939^36	4801^34	4901^35	4934^36			
34	4811^34	4912^35	4945^36	4806^34	4907^35	4941^36			
32	4811^34	4913^35	4946^36	4806^34	4908^35	4941^36			
30	4811^34	4914^35	4947^36	4806^34	4909^35	4942^36			
20	4813^34	4918^35	4953^36	4808^34	4913^35	4948^36			
10	4805^34	4913^35	4949^36	4730^33	4838^34	4874^35			
0	4799^33	4909^35	4947^36	4714^32	4824^34	4861^35			
-10	4793^33	4908^35	4946^36	4714^32	4827^34	4865^35			
-20	4781^33	4900^35	4940^36	4710^32	4828^34	4868^35			
	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 -830 Wing A/I ON -830			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	4445^23	4540D30	4572D31	4439^22	4534D30	4566D31			
44	4544^23	4642D32	4674D32	4539^23	4637D32	4669D32			
42	4643^23	4744D33	4776D34	4638^23	4739D33	4771D34			
40	4726^24	4830D34	4862D35	4722^24	4825D34	4858D35			
38	4785^24	4890D35	4923D36	4780^24	4885D35	4919D36			
36	4799^25	4906D35	4939D36	4795^25	4901D35	4934D36			
34	4805^25	4912D35	4945D36	4800^25	4907D35	4941D36			
32	4806^26	4913D35	4946D36	4801^26	4908D35	4941D36			
30	4807^26	4914D36	4947D36	4802^26	4909D35	4942D36			
20	4812^28	4918D36	4953D36	4807^28	4913D35	4948D36			
10	4805D31	4913D35	4949D36	4730D31	4838D34	4874D35			
0	4799D33	4909D35	4947D36	4714D32	4824D34	4861D35			
-10	4793D33	4908D35	4946D36	4714D32	4827D34	4865D35			
-20	4781D33	4900D35	4940D36	4710D32	4828D34	4868D35			
	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 -830 Wing A/I ON -830			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	4357F 3	4621F12	4713F16	4049F 8	4276F17	4356F20			
26	4369F 3	4634F13	4727F16	4059F 8	4287F17	4369F20			
24	4381F 3	4647F13	4741F16	4070F 8	4299F18	4381F21			
22	4393F 4	4661F13	4755F17	4081F 9	4311F18	4394F21			
20	4405F 4	4675F14	4768F17	4092F 9	4323F19	4406F22			
18	4417F 4	4688F14	4783F18	4103F 9	4335F19	4419F22			
16	4430F 5	4702F15	4797F18	4114F10	4345F19	4432F22			
14	4442F 5	4714F15	4810F18	4124F10	4356F20	4444F23			
12	4450F 6	4727F16	4823F19	4133F10	4367F20	4455F23			
10	4461F 6	4738F16	4835F19	4142F11	4378F20	4467F23			
0	4527F 8	4811F18	4899^21	4197F13	4444F22	4537F25			
-10	4593F10	4860^20	4906^24	4251F15	4511F24	4608F27			
-20	4657F12	4860^23	4907^27	4304F17	4578F26	4678F29			
-30	4715^14	4858^26	4908^30	4359F19	4649F28	4756F31			
	High QNH +20 per .10" Low QNH -70 per .10"			High QNH +50 per .10" Low QNH -70 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -750 Wing A/I ON -750			Engine A/I ON -480 Wing A/I ON -480			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**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
46	87.8	3635F13	3885F18	3964F19
44	88.0	3691F13	3947F19	4027F20
42	88.1	3746F14	4008F19	4089F21
40	88.2	3789F15	4052F20	4136F22
38	88.0	3811F15	4076F20	4160F22
36	87.7	3827F15	4094F21	4178F22
34	87.5	3838F16	4105F21	4189F23
32	87.3	3848F16	4116F21	4199F23
30	87.0	3858F16	4125F21	4210F23
20	85.6	3911F17	4179F22	4266F24
10	84.1	3963F18	4231F23	4321F25
0	82.6	4021F19	4290F24	4382F26
-10	81.1	4079F20	4348F25	4443F27
-20	79.5	4134F21	4406F26	4502F28
-30	77.9	4187F22	4466F28	4567F29
-40	76.3	4243F23	4531F29	4636F31

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3579F97	3860F 7	3953F10	4610
3632F97	3919F 7	4013F11	4712
3561F98	3974F 8	4071F11	4814
3458F99	4019F 8	4117F12	4886
3496F 0	4042F 9	4141F12	4946
3586F 0	4060F 9	4160F12	4956
3692F 0	4071F 9	4172F13	4958
3787F 0	4084F10	4184F13	4959
3797F 0	4096F10	4194F13	4961
3853F 1	4158F12	4257F15	4969
3908F 3	4215F13	4319F17	4968
3971F 5	4282F15	4382D19	4970
4034F 7	4348D17	4443D21	4974
4097F 8	4406D19	4502D23	4973
4161F10	4466D21	4567D25	4970
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**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
46	91.1	3719F14	3963F19	4044F21
44	91.3	3778F15	4028F20	4110F22
42	91.5	3836F16	4091F21	4174F23
40	91.6	3888F17	4147F22	4231F23
38	91.4	3925F17	4184F22	4269F24
36	91.1	3944F18	4204F23	4289F24
34	90.9	3957F18	4217F23	4303F25
32	90.6	3969F18	4229F23	4316F25
30	90.3	3981F18	4241F23	4328F25
20	88.8	4036F20	4296F24	4385F26
10	87.2	4090F21	4349F25	4440F27
0	85.7	4145F22	4410F27	4503F28
-10	84.1	4199F23	4470F28	4567F29
-20	82.5	4251F24	4530F29	4631F31
-30	80.9	4306F25	4595F30	4699F32
-40	79.2	4364F26	4663F31	4769F33

TO-1 - WET RWY — Flaps **22**

-10T	+0	+10H	Dry Rwy Climb Limit
3822^96	3929D 6	3963D10	4610
3906^96	4016D 7	4050D10	4712
3979F97	4102D 7	4137D11	4814
3962F97	4178D 8	4214D11	4886
3993F98	4231D 8	4266D12	4946
4018F98	4243D 9	4279D12	4956
4051F99	4248D 9	4284D12	4958
4080F99	4249D 9	4285D13	4959
4109F99	4250D10	4286D13	4961
4133^ 1	4252D12	4290D15	4969
4124^ 3	4244D14	4283D15	4968
4123^ 5	4243D14	4283D15	4970
4118D 7	4240D14	4282D15	4974
4105D 9	4232D14	4274D15	4973
4091D11	4221D14	4265D15	4970
4074D12	4209D14	4255D14	4965

High QNH **+60** per .10" — Engine A/I ON **-390**
Low QNH **-140** per .10" — Wing A/I ON **-390**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
46	91.1	3719F14-14-26	3963F19-19-30	4044F21-21-32	4129F23-23-33
44	91.3	3778F15-15-27	4028F20-20-31	4110F22-22-33	4196F23-23-34
42	91.5	3836F16-16-28	4091F21-21-32	4174F23-23-34	4261F24-24-35
40	91.6	3888F17-17-29	4147F22-22-33	4231F23-23-35	4318F25-25-36
38	91.4	3925F17-17-30	4184F22-22-34	4269F24-24-35	4357F26-26-36
36	91.1	3944F18-18-30	4204F23-23-34	4289F24-24-35	4378F26-26-37
34	90.9	3957F18-18-30	4217F23-23-34	4303F25-25-36	4393F26-26-37
32	90.6	3969F18-18-30	4229F23-23-34	4316F25-25-36	4405F27-27-37
30	90.3	3981F18-18-31	4241F23-23-35	4328F25-25-36	4418F27-27-37
20	88.8	4036F20-20-31	4296F24-24-35	4385F26-26-37	4476F28-28-38
10	87.2	4090F21-21-32	4349F25-25-36	4440F27-27-38	4536F29-29-39
0	85.7	4145F22-22-33	4410F27-27-37	4503F28-28-39	4602F30-30-40
-10	84.1	4199F23-23-34	4470F28-28-38	4567F29-29-40	4669F31-31-41
-20	82.5	4251F24-24-35	4530F29-29-39	4631F31-31-40	4736F32-32-42
-30	80.9	4306F25-25-36	4595F30-30-40	4699F32-32-41	4804F34-34-43
-40	79.2	4364F26-26-37	4663F31-31-41	4769F33-33-42	4873F35-35-44

High QNH **+60** per .10" — Engine A/I ON **-390**
Low QNH **-140** per .10" — Wing A/I ON **-390**

ALL DATA BASED ON TO-1 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 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	3719F14	3963F19	4044F21	3711F14	3954F19	4035F21			
44	3778F15	4028F20	4110F22	3769F15	4019F20	4101F22			
42	3836F16	4091F21	4174F23	3827F16	4082F21	4165F23			
40	3888F17	4147F22	4231F23	3879F17	4138F22	4222F23			
38	3925F17	4184F22	4269F24	3916F17	4176F22	4260F24			
36	3944F18	4204F23	4289F24	3935F18	4196F23	4281F24			
34	3957F18	4217F23	4303F25	3950F18	4210F23	4296F25			
32	3969F18	4229F23	4316F25	3961F18	4221F23	4308F25			
30	3981F18	4241F23	4328F25	3972F18	4232F23	4319F25			
20	4036F20	4296F24	4385F26	4027F19	4288F24	4377F26			
10	4090F21	4349F25	4440F27	4055F20	4311F25	4403F27			
0	4145F22	4410F27	4503F28	4107F21	4371F26	4464F28			
-10	4199F23	4470F28	4567F29	4161F22	4430F27	4528F29			
-20	4251F24	4530F29	4631F31	4217F23	4495F28	4596F30			
	High QNH **+60** per .10" Low QNH **-140** per .10"			High QNH **+50** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-390** Wing A/I ON **-390**			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 22 -10T	+0	+10H	WET - EAI VLV INOP OPEN Flaps 22 -10T	+0	+10H	Flaps -10T	+0	+10H
46	3822^96	3929D 6	3963D10	3818^96	3925D 6	3958D10			
44	3906^96	4016D 7	4050D10	3901^96	4011D 7	4045D10			
42	3979F97	4102D 7	4137D11	3970F97	4097D 7	4132D11			
40	3962F97	4178D 8	4214D11	3953F97	4174D 7	4209D11			
38	3993F98	4231D 8	4266D12	3985F98	4227D 8	4262D11			
36	4018F98	4243D 9	4279D12	4010F98	4239D 8	4275D12			
34	4051F99	4248D 9	4284D12	4042F98	4244D 9	4281D12			
32	4080F99	4249D 9	4285D13	4071F99	4245D 9	4281D13			
30	4109F99	4250D10	4286D13	4100F99	4245D10	4282D13			
20	4133^ 1	4252D12	4290D15	4129^ 1	4248D12	4286D15			
10	4124^ 3	4244D14	4283D15	4057^ 3	4175D14	4214D14			
0	4123^ 5	4243D14	4283D15	4054^ 5	4171D13	4211D14			
-10	4118D 7	4240D14	4282D15	4054D 7	4174D13	4215D14			
-20	4105D 9	4232D14	4274D15	4049D 9	4174D13	4216D14			
	High QNH **+10** per .10" Low QNH **-140** per .10"			High QNH **+0** per .10" Low QNH **-140** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-710** Wing A/I ON **-710**			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			3463F93			3359F97			
26			3503F93			3426F97			
24			3540F93			3438F97			
22			3582F93		2681F98	3449F98			
20		3261F92	3635F94		2770F98	3461F98			
18		3301F92	3688F94		2847F98	3473F98			
16		3341F92	3728F94		2957F98	3484F99			
14		3384F92	3769F95		3043F98	3497F99			
12		3422F93	3817F95		3140F97	3507F99			
10		3464F93	3859F95		3233F97	3517F 0			
0		3656F94	4082F97		3467F98	3581F 2			
-10		3707F96	4126F99		3537F 0	3647F 3			
-20		3905F97	4242^ 1		3589F 2	3712F 5			
-30		4096F99	4240^ 3			3784F 7			
	High QNH **+120** per .10" Low QNH **-160** per .10"			High QNH **+60** per .10" Low QNH **-390** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-50** Wing A/I ON **-50**			Engine A/I ON **-400** Wing A/I ON **-400**			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**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
46	87.8	4424^28	4520^30	4552^30
44	88.0	4524^29	4621^31	4653^32
42	88.1	4623^31	4722^33	4755^33
40	88.2	4706^32	4805^34	4839^34
38	88.0	4753^33	4863^35	4897^35
36	87.7	4770^33	4878^35	4912^35
34	87.5	4774^33	4884^35	4918^35
32	87.3	4781^33	4884^35	4919^35
30	87.0	4782^33	4885^35	4921^36
20	85.6	4783^33	4890^35	4926^36
10	84.1	4775^33	4886^35	4923^36
0	82.6	4770^33	4883^35	4922^35
-10	81.1	4765^33	4882^35	4922^35
-20	79.5	4754^33	4874^35	4915^35
-30	77.9	4739^32	4865^35	4907^35
-40	76.3	4723^32	4853^34	4896^35

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4420^21	4520D30	4552D30	4610
4518^21	4621D31	4653D32	4712
4616F22	4722D32	4755D33	4814
4667F22	4805D32	4839D34	4886
4695F23	4863D32	4897D35	4946
4716F23	4878D33	4912D36	4956
4729F23	4884D33	4918D36	4958
4742F24	4884D33	4919D36	4959
4756F24	4885D34	4921D36	4961
4779^26	4890D35	4926D36	4969
4775^28	4886D35	4923D36	4968
4770D31	4883D35	4922D36	4970
4765D33	4882D35	4922D36	4974
4754D33	4874D35	4915D35	4973
4739D33	4865D35	4907D35	4970
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**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
46	91.1	4437^28	4531^30	4563^30
44	91.3	4537^30	4633^31	4665^32
42	91.5	4637^31	4735^33	4767^33
40	91.6	4721^32	4820^34	4853^35
38	91.4	4780^33	4880^35	4913^35
36	91.1	4795^33	4895^35	4929^36
34	90.9	4800^33	4901^35	4936^36
32	90.6	4800^33	4902^35	4937^36
30	90.3	4801^33	4903^35	4938^36
20	88.8	4802^33	4907^35	4943^36
10	87.2	4794^33	4903^35	4940^36
0	85.7	4788^33	4900^35	4938^36
-10	84.1	4783^33	4898^35	4937^36
-20	82.5	4771^33	4890^35	4931^36
-30	80.9	4756^33	4880^35	4922^36
-40	79.2	4740^32	4868^35	4911^35

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4435^23	4531D30	4563D31	4610
4533^23	4633D31	4665D32	4712
4632^24	4735D33	4767D33	4814
4715^24	4820D34	4853D35	4886
4766^25	4880D35	4913D36	4946
4784^25	4895D35	4929D36	4956
4793^26	4901D35	4936D36	4958
4794^26	4902D35	4937D36	4959
4796^27	4903D35	4938D36	4961
4801^29	4907D35	4943D36	4969
4794D31	4903D35	4940D36	4968
4788D33	4900D35	4938D36	4970
4783D33	4898D35	4937D36	4974
4771D33	4890D35	4931D36	4973
4756D33	4880D35	4922D36	4970
4740D33	4868D35	4911D35	4965

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

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
46	91.1	4498F35-35-44	4641^38-38-46	4647C38-38-46	4647C38-38-46
44	91.3	4573F36-36-45	4739^39-39-48	4754C39-39-48	4754C39-39-48
42	91.5	4648F37-37-46	4835^40-40-49	4860C41-41-50	4860C41-41-50
40	91.6	4721^32-32-42	4901^41-41-50	4929C42-42-51	4929C42-42-51
38	91.4	4780^33-33-43	4941^42-42-51	4960C42-42-51	4960C42-42-51
36	91.1	4795^33-33-43	4959^42-42-51	4975C42-42-51	4975C42-42-51
34	90.9	4800^33-33-43	4966^42-42-51	4977C42-42-51	4977C42-42-51
32	90.6	4811F39-39-49	4972^42-42-51	4979C42-42-51	4979C42-42-51
30	90.3	4824F40-40-49	4977^42-42-51	4981C42-42-51	4981C42-42-51
20	88.8	4864^40-40-50	4988C43-43-51	4988C43-43-51	4988C43-43-51
10	87.2	4882^41-41-50	4986C43-43-51	4986C43-43-51	4986C43-43-51
0	85.7	4904^41-41-50	4992C43-43-52	4992C43-43-52	4992C43-43-52
-10	84.1	4925^41-41-51	4996C43-43-52	4996C43-43-52	4996C43-43-52
-20	82.5	4920^41-41-50	4993C43-43-52	4993C43-43-52	4993C43-43-52
-30	80.9	4905^41-41-50	4992C43-43-52	4992C43-43-52	4992C43-43-52
-40	79.2	4888^41-41-50	4987C43-43-51	4987C43-43-51	4987C43-43-51

High QNH **+0** per .10" — Engine A/I ON **-860**
Low QNH **-170** per .10" — Wing A/I ON **-860**

ALL DATA BASED ON TO-1 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	4437^28	4531^30	4563^30	4431^28	4525^30	4557^30			
44	4537^30	4633^31	4665^32	4532^30	4627^31	4659^32			
42	4637^31	4735^33	4767^33	4633^31	4730^33	4762^33			
40	4721^32	4820^34	4853^35	4716^32	4815^34	4848^34			
38	4780^33	4880^35	4913^35	4776^33	4875^35	4909^35			
36	4795^33	4895^35	4929^36	4790^33	4891^35	4925^36			
34	4800^33	4901^35	4936^36	4795^33	4897^35	4931^36			
32	4800^33	4902^35	4937^36	4795^33	4897^35	4932^36			
30	4801^33	4903^35	4938^36	4796^33	4898^35	4933^36			
20	4802^33	4907^35	4943^36	4797^33	4903^35	4938^36			
10	4794^33	4903^35	4940^36	4720^32	4828^34	4864^35			
0	4788^33	4900^35	4938^36	4704^32	4815^34	4852^35			
-10	4783^33	4898^35	4937^36	4703^32	4818^34	4857^35			
-20	4771^33	4890^35	4931^36	4700^32	4819^34	4859^35			
	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 -830 Wing A/I ON -830			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	4435^23	4531D30	4563D31	4429^23	4525D30	4557D31			
44	4533^23	4633D31	4665D32	4528^23	4627D31	4659D32			
42	4632^24	4735D33	4767D33	4626^24	4730D33	4762D33			
40	4715^24	4820D34	4853D35	4710^24	4815D34	4848D35			
38	4766^25	4880D35	4913D36	4761^25	4875D35	4909D35			
36	4784^25	4895D35	4929D36	4780^25	4891D35	4925D36			
34	4793^26	4901D35	4936D36	4788^26	4897D35	4931D36			
32	4794^26	4902D35	4937D36	4789^26	4897D35	4932D36			
30	4796^27	4903D35	4938D36	4791^27	4898D35	4933D36			
20	4801^29	4907D35	4943D36	4796^29	4903D35	4938D36			
10	4794D31	4903D35	4940D36	4720D31	4828D34	4864D35			
0	4788D33	4900D35	4938D36	4704D32	4815D34	4852D35			
-10	4783D33	4898D35	4937D36	4703D32	4818D34	4857D35			
-20	4771D33	4890D35	4931D36	4700D32	4819D34	4859D35			
	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 -830 Wing A/I ON -830			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	4279F 5	4541F15	4629F18	3995F10	4217F19	4301F22			
26	4291F 6	4553F15	4642F19	4005F10	4229F19	4313F22			
24	4303F 6	4564F16	4655F19	4015F10	4240F20	4323F22			
22	4314F 6	4577F16	4669F19	4024F11	4252F20	4336F23			
20	4326F 7	4590F17	4682F20	4034F11	4264F20	4349F23			
18	4338F 7	4603F17	4696F20	4044F11	4276F21	4362F23			
16	4350F 8	4616F17	4710F21	4054F12	4289F21	4375F24			
14	4361F 8	4629F18	4723F21	4063F12	4300F21	4388F24			
12	4369F 8	4640F18	4735F21	4071F13	4311F22	4400F25			
10	4380F 9	4652F19	4747F22	4080F13	4322F22	4412F25			
0	4445F11	4723F21	4822F24	4134F15	4387F24	4483F27			
-10	4510F13	4796F23	4893^26	4187F17	4455F26	4555F29			
-20	4570F15	4847^25	4897^29	4242F19	4523F28	4626F30			
-30	4636F17	4848^28	4900^31	4299F21	4596F30	4725F32			
	High QNH +20 per .10" Low QNH -70 per .10"			High QNH +50 per .10" Low QNH -70 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -670 Wing A/I ON -670			Engine A/I ON -440 Wing A/I ON -440			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**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
46	87.8	3591F12	3827F17	3905F18
44	88.0	3645F12	3888F17	3966F19
42	88.1	3700F13	3948F18	4027F20
40	88.2	3743F14	3994F19	4074F20
38	88.0	3764F14	4016F19	4098F21
36	87.7	3780F14	4033F20	4115F21
34	87.5	3790F15	4043F20	4126F21
32	87.3	3800F15	4053F20	4136F22
30	87.0	3811F15	4063F20	4147F22
20	85.6	3863F16	4116F21	4201F23
10	84.1	3914F17	4167F22	4255F24
0	82.6	3971F18	4224F23	4315F25
-10	81.1	4020F19	4281F24	4374F26
-20	79.5	4069F20	4338F25	4434F27
-30	77.9	4121F21	4397F26	4497F28
-40	76.3	4175F22	4461F27	4561F29

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3543F98	3814F 7	3905D11	4610
3596F98	3872F 8	3965F11	4712
3647F98	3929F 8	4023F12	4814
3634F99	3974F 9	4068F12	4886
3683F99	3997F 9	4092F12	4946
3727F99	4015F 9	4110F13	4956
3738F 0	4026F10	4122F13	4958
3749F 0	4037F10	4134F13	4959
3759F 0	4049F10	4144F14	4961
3815F 2	4108F12	4201D15	4969
3869F 4	4164F14	4255D17	4968
3930F 5	4224D16	4315D19	4970
3990F 7	4281D18	4374D21	4974
4048F 9	4338D20	4434D23	4973
4108F11	4397D22	4497D25	4970
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**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
46	91.1	3675F13	3904F18	3983F20
44	91.3	3732F14	3967F19	4049F21
42	91.5	3789F15	4029F20	4111F21
40	91.6	3841F16	4085F21	4168F22
38	91.4	3877F16	4121F21	4205F23
36	91.1	3896F17	4141F22	4225F23
34	90.9	3909F17	4154F22	4239F23
32	90.6	3921F17	4165F22	4251F24
30	90.3	3932F17	4177F22	4263F24
20	88.8	3985F19	4231F23	4319F25
10	87.2	4029F19	4283F24	4374F26
0	85.7	4081F20	4342F25	4436F27
-10	84.1	4133F21	4402F26	4498F28
-20	82.5	4184F22	4461F27	4558F29
-30	80.9	4238F23	4524F29	4621F30
-40	79.2	4295F24	4587F30	4686F32

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
3597F99	3874F 9	3969F12	4610
3652F99	3933F 9	4030F12	4712
3703F99	3991F10	4089F13	4814
3752F 0	4043F10	4141F13	4886
3782F 0	4076F11	4174F14	4946
3800F 1	4095F11	4195F14	4956
3812F 1	4109F11	4209F15	4958
3824F 1	4122F12	4223F15	4959
3836F 2	4134F12	4236F15	4961
3894F 3	4195F14	4301F17	4969
3950F 5	4257F16	4366F19	4968
4012F 7	4326F18	4436D21	4970
4073F 9	4397F20	4498D23	4974
4133F11	4461D22	4558D25	4973
4199F13	4524D24	4621D27	4970
4266F15	4587D26	4686D29	4965

High QNH **+50** per .10" — Engine A/I ON **-380**
Low QNH **-140** per .10" — Wing A/I ON **-380**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
46	91.1	3675F13-13-26	3904F18-18-29	3983F20-20-31	4067F21-21-32
44	91.3	3732F14-14-27	3967F19-19-30	4049F21-21-32	4133F22-22-33
42	91.5	3789F15-15-27	4029F20-20-31	4111F21-21-33	4197F23-23-34
40	91.6	3841F16-16-28	4085F21-21-32	4168F22-22-34	4254F24-24-35
38	91.4	3877F16-16-29	4121F21-21-33	4205F23-23-34	4292F24-24-35
36	91.1	3896F17-17-29	4141F22-22-33	4225F23-23-34	4312F25-25-36
34	90.9	3909F17-17-29	4154F22-22-33	4239F23-23-35	4327F25-25-36
32	90.6	3921F17-17-30	4165F22-22-33	4251F24-24-35	4339F25-25-36
30	90.3	3932F17-17-30	4177F22-22-34	4263F24-24-35	4352F26-26-36
20	88.8	3985F19-19-31	4231F23-23-35	4319F25-25-36	4411F27-27-37
10	87.2	4029F19-19-31	4283F24-24-35	4374F26-26-37	4468F28-28-38
0	85.7	4081F20-20-32	4342F25-25-36	4436F27-27-38	4533F29-29-39
-10	84.1	4133F21-21-33	4402F26-26-37	4498F28-28-39	4595F30-30-40
-20	82.5	4184F22-22-34	4461F27-27-38	4558F29-29-39	4656F31-31-41
-30	80.9	4238F23-23-35	4524F29-29-39	4621F30-30-40	4721F32-32-42
-40	79.2	4295F24-24-35	4587F30-30-40	4686F32-32-41	4790F33-33-43

High QNH **+50** per .10" — Engine A/I ON **-380**
Low QNH **-140** per .10" — Wing A/I ON **-380**

ALL DATA BASED ON TO-1 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 9 -10T	+0	+10H	DRY - EAI VLV INOP OPEN Flaps 9 -10T	+0	+10H	Flaps -10T	+0	+10H
46	3675F13	3904F18	3983F20	3667F13	3896F18	3974F20			
44	3732F14	3967F19	4049F21	3724F14	3958F19	4040F20			
42	3789F15	4029F20	4111F21	3780F15	4020F20	4103F21			
40	3841F16	4085F21	4168F22	3832F16	4076F21	4159F22			
38	3877F16	4121F21	4205F23	3868F16	4113F21	4197F23			
36	3896F17	4141F22	4225F23	3887F17	4132F21	4217F23			
34	3909F17	4154F22	4239F23	3902F17	4147F22	4232F23			
32	3921F17	4165F22	4251F24	3913F17	4158F22	4243F24			
30	3932F17	4177F22	4263F24	3924F17	4169F22	4254F24			
20	3985F19	4231F23	4319F25	3978F18	4223F23	4311F25			
10	4029F19	4283F24	4374F26	3992F19	4245F24	4335F25			
0	4081F20	4342F25	4436F27	4044F20	4304F25	4397F27			
-10	4133F21	4402F26	4498F28	4096F21	4363F26	4459F28			
-20	4184F22	4461F27	4558F29	4151F22	4427F27	4523F29			
	High QNH **+50** per .10"			High QNH **+50** per .10"			High QNH per .10"		
	Low QNH **-140** per .10"			Low QNH **-140** per .10"			Low QNH per .10"		
	Engine A/I ON **-380**			Engine A/I ON **-10**			Engine A/I ON		
	Wing A/I ON **-380**			Wing A/I ON **-10**			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	3597F99	3874F 9	3969F12	3591F98	3867F 8	3962F12			
44	3652F99	3933F 9	4030F12	3646F99	3927F 9	4023F12			
42	3703F99	3991F10	4089F13	3698F99	3984F 9	4082F13			
40	3752F 0	4043F10	4141F13	3746F 0	4036F10	4134F13			
38	3782F 0	4076F11	4174F14	3775F 0	4069F10	4167F14			
36	3800F 1	4095F11	4195F14	3794F 1	4089F11	4188F14			
34	3812F 1	4109F11	4209F15	3806F 1	4104F11	4204F15			
32	3824F 1	4122F12	4223F15	3819F 1	4116F12	4217F15			
30	3836F 2	4134F12	4236F15	3830F 2	4128F12	4230F15			
20	3894F 3	4195F14	4301F17	3888F 3	4189F14	4295F17			
10	3950F 5	4257F16	4366F19	3918F 5	4222F16	4331F19			
0	4012F 7	4326F18	4436D21	3978F 7	4291F18	4397D21			
-10	4073F 9	4397F20	4498D23	4039F 9	4362F20	4459D23			
-20	4133F11	4461D22	4558D25	4103F11	4427D22	4523D25			
	High QNH **+60** per .10"			High QNH **+60** per .10"			High QNH per .10"		
	Low QNH **-130** per .10"			Low QNH **-130** per .10"			Low QNH per .10"		
	Engine A/I ON **-350**			Engine A/I ON **-10**			Engine A/I ON		
	Wing A/I ON **-350**			Wing A/I ON **-10**			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		3252F91	3639F94		2826F98	3397F98			
26		3300F92	3677F94		2907F97	3409F98			
24		3385F92	3708F94		2983F97	3420F99			
22		3452F92	3746F94		3066F97	3431F99			
20		3469F93	3783F95		3142F97	3442F99			
18		3505F93	3818F95		3226F97	3454F 0			
16		3540F93	3858F95		3324F97	3466F 0			
14		3576F93	3896F95		3372F97	3476F 0			
12		3613F94	3942F96		3382F98	3487F 1			
10		3649F94	3987F96		3393F98	3497F 1			
0		3821F95	4102F98		3454F 0	3562F 3			
-10		3867F97	4142F99		3515F 1	3625F 5			
-20		4047F98			3578F 3	3691F 7			
-30		4180^ 0	4220^98		3644F 5	3760F 9			
	High QNH **+10** per .10"			High QNH **+50** per .10"			High QNH per .10"		
	Low QNH **-340** per .10"			Low QNH **-370** per .10"			Low QNH per .10"		
	Engine A/I ON **-500**			Engine A/I ON **-350**			Engine A/I ON		
	Wing A/I ON **-500**			Wing A/I ON **-350**			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	4068D19	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	4222^20	4308D27	4336D27	4390
30	89.7	4303^26	4388^28	4417^28	4301^21	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	4462^21	4553D30	4582D31	4640
24	90.0	4547^30	4634^31	4663^32	4541^22	4634D31	4663D32	4724
22	90.1	4590^30	4679^32	4708^33	4584^22	4679D32	4708D33	4765
20	90.2	4592^30	4681^32	4710^33	4587^23	4681D32	4710D33	4770
18	89.9	4592^30	4682^32	4712^33	4588^23	4682D32	4712D33	4772
16	89.6	4593^30	4683^32	4713^33	4590^23	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	4587D27	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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
36	92.4	4078^23	4160^25	4187^25	4078D21	4160D25	4187D25	4234
34	92.7	4157^24	4239^26	4267^26	4157D22	4239D26	4267D26	4312
32	93.0	4234^25	4318^27	4345^27	4234D22	4318D27	4345D27	4390
30	93.2	4314^27	4398^28	4427^29	4314^22	4398D28	4427D29	4471
28	93.5	4396^28	4481^29	4509^30	4395^23	4481D29	4509D30	4556
26	93.8	4478^29	4564^30	4593^31	4476^23	4564D31	4593D31	4640
24	93.9	4560^30	4646^32	4675^32	4556^24	4646D32	4675D32	4724
22	93.8	4604^31	4692^32	4721^33	4601^24	4692D32	4721D33	4765
20	93.6	4610^31	4697^32	4726^33	4607^25	4697D32	4726D33	4770
18	93.3	4610^31	4698^32	4727^33	4608^26	4698D32	4727D33	4772
16	93.0	4610^31	4699^32	4729^33	4609^26	4699D32	4729D33	4773
10	92.0	4611^31	4701^32	4731^33	4611D28	4701D32	4731D33	4777
0	90.3	4604^31	4697^32	4728^33	4604D30	4697D32	4728D33	4779
-10	88.7	4590^30	4686^32	4718^33	4590D31	4686D32	4718D33	4772
-20	87.0	4583^30	4682^32	4715^33	4583D30	4682D32	4715D33	4773
-30	85.2	4565^30	4668^32	4702^32	4565D30	4668D32	4702D32	4766

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
36	92.4	4202^31-31-39	4281^32-32-41	4290C33-33-41	4290C33-33-41
34	92.7	4283^32-32-41	4362^34-34-42	4370C34-34-42	4370C34-34-42
32	93.0	4363^33-33-42	4443^35-35-43	4448C35-35-43	4448C35-35-43
30	93.2	4445^35-35-43	4526^36-36-45	4526C36-36-45	4526C36-36-45
28	93.5	4529^36-36-45	4611^37-37-46	4613C37-37-46	4613C37-37-46
26	93.8	4614^37-37-46	4695^38-38-47	4699C39-39-47	4699C39-39-47
24	93.9	4686T38-38-47	4781^40-40-49	4785C40-40-49	4785C40-40-49
22	93.8	4720T38-38-48	4829C40-40-49	4829C40-40-49	4829C40-40-49
20	93.6	4751^39-39-48	4833C40-40-49	4833C40-40-49	4833C40-40-49
18	93.3	4751^39-39-48	4835C40-40-49	4835C40-40-49	4835C40-40-49
16	93.0	4752^39-39-48	4837C40-40-49	4837C40-40-49	4837C40-40-49
10	92.0	4752^39-39-48	4839^40-40-49	4841C41-41-49	4841C41-41-49
0	90.3	4747^39-39-48	4836^40-40-49	4848C41-41-50	4848C41-41-50
-10	88.7	4733^39-39-48	4824^40-40-49	4839C40-40-49	4839C40-40-49
-20	87.0	4725^39-39-48	4820^40-40-49	4841C41-41-49	4841C41-41-49
-30	85.2	4707^38-38-47	4806^40-40-49	4836C40-40-49	4836C40-40-49

High QNH **+90** per .10" Engine A/I ON **-4160**
Low QNH **-180** per .10" Wing A/I ON **-4160**

ALL DATA BASED ON TO-1 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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MORELIA -MLM 05 *RT MLM

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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	4078^23	4160^25	4187^25	4073^23	4155^24	4182^25			
34	4157^24	4239^26	4267^26	4152^24	4235^26	4262^26			
32	4234^25	4318^27	4345^27	4230^25	4314^27	4342^27			
30	4314^27	4398^28	4427^29	4310^26	4394^28	4423^29			
28	4396^28	4481^29	4509^30	4392^28	4477^29	4505^30			
26	4478^29	4564^30	4593^31	4474^29	4518^30	4588^31			
24	4560^30	4646^32	4675^32	4557^30	4644^32	4672^32			
22	4604^31	4692^32	4721^33	4602^31	4690^32	4719^33			
20	4610^31	4697^32	4726^33	4608^31	4695^32	4724^33			
18	4610^31	4698^32	4727^33	4608^31	4697^32	4726^33			
16	4610^31	4699^32	4729^33	4609^31	4697^32	4727^33			
10	4611^31	4701^32	4731^33	4204^25	4292^26	4321^27			
0	4604^31	4697^32	4728^33	4536^30	4628^31	4659^32			
-10	4590^30	4686^32	4718^33	4527^29	4622^31	4653^32			

High QNH	**+100**	per .10"	High QNH	**+100**	per .10"	High QNH		per .10"
Low QNH	**-170**	per .10"	Low QNH	**-210**	per .10"	Low QNH		per .10"
Engine A/I ON	**-4070**		Engine A/I ON	**+0**		Engine A/I ON		
Wing A/I ON	**-4070**		Wing A/I ON	**+0**		Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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	4078D21	4160D25	4187D25	4073D21	4155D25	4182D25			
34	4157D22	4239D26	4267D26	4152D21	4235D26	4262D26			
32	4234D22	4318D27	4345D27	4230D22	4314D27	4342D27			
30	4314^22	4398D28	4427D29	4310^22	4394D28	4423D29			
28	4395^23	4481D29	4509D30	4391^23	4477D29	4505D30			
26	4476^23	4564D31	4593D31	4472^23	4518D30	4588D31			
24	4556^24	4646D32	4675D32	4553^23	4644D32	4672D32			
22	4601^24	4692D32	4721D33	4599^24	4690D32	4719D33			
20	4607^25	4697D32	4726D33	4605^25	4695D32	4724D33			
18	4608^26	4698D32	4727D33	4606^26	4697D32	4726D33			
16	4609^26	4699D32	4729D33	4607^26	4697D32	4727D33			
10	4611D28	4701D32	4731D33	4204D25	4292D27	4321D27			
0	4604D30	4697D32	4728D33	4536D30	4628D31	4659D32			
-10	4590D31	4686D32	4718D33	4527D30	4622D31	4653D32			

High QNH	**+100**	per .10"	High QNH	**+100**	per .10"	High QNH		per .10"
Low QNH	**-170**	per .10"	Low QNH	**-210**	per .10"	Low QNH		per .10"
Engine A/I ON	**-4070**		Engine A/I ON	**+0**		Engine A/I ON		
Wing A/I ON	**-4070**		Wing A/I ON	**+0**		Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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	4059F 1	4290F10	4369F13	3787F 5	3990F13	4054F16			
26	4120F 1	4353F10	4433F13	3850F 6	4056F14	4122F16			
24	4182F 2	4418F11	4500F13	3915F 6	4124F14	4192F17			
22	4227F 2	4467F11	4550F14	3965F 7	4180F15	4251F18			
20	4254F 3	4498F12	4582F15	3996F 7	4217F16	4293F18			
18	4266F 3	4511F12	4593F15	4008F 8	4232F16	4305F19			
16	4279F 4	4525F13	4607F16	4018F 8	4241F16	4317F19			
14	4290F 4	4538F13	4621F16	4029F 8	4253F17	4327F20			
12	4301F 4	4551F13	4635F16	4040F 9	4267F17	4339F20			
10	4313F 5	4562F14	4649F17	4051F 9	4277F18	4351F20			
0	4373F 7	4629F16	4683^19	4103F11	4335F19	4409F22			
-10	4436F 9	4642^18	4681^22	4158F13	4393F21	4469F24			
-20	4502F11	4645^21	4685^24	4216F15	4453F23	4533F26			
-30	4518^13	4640^24	4681^27	4274F17	4513F25	4595F28			

High QNH	**+100**	per .10"	High QNH	**+110**	per .10"	High QNH		per .10"
Low QNH	**-170**	per .10"	Low QNH	**-160**	per .10"	Low QNH		per .10"
Engine A/I ON	**-3040**		Engine A/I ON	**-1750**		Engine A/I ON		
Wing A/I ON	**-3040**		Wing A/I ON	**-1750**		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**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	89.0	3995^21	4116^24	4158^24
34	89.2	4067^22	4189^25	4232^26
32	89.5	4138^24	4263^26	4305^27
30	89.7	4210^25	4337^27	4381^28
28	89.8	4284^26	4412^28	4456^29
26	89.9	4357^27	4488^29	4533^30
24	90.0	4428^28	4561^30	4607^31
22	90.1	4469^28	4603^31	4649^31
20	90.2	4478^28	4613^31	4658^32
18	89.9	4481^28	4616^31	4662^32
16	89.6	4484^29	4619^31	4665^32
10	88.7	4492^29	4628^31	4674^32
0	87.1	4500^29	4638^31	4685^32
-10	85.5	4503^29	4642^31	4690^32
-20	83.9	4510^29	4650^31	4700^32
-30	82.2	4508^29	4652^32	4688^32

ALT TO-1 - WET RWY

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
36	3995D20	4116D24	4158D25	4234
34	4067D20	4189D25	4232D26	4312
32	4138D21	4263D26	4305D27	4390
30	4210D21	4337D27	4381D28	4471
28	4284D22	4412D28	4456D29	4556
26	4357D22	4488D29	4533D30	4640
24	4428^22	4561D30	4607D31	4724
22	4469^23	4603D31	4649D32	4765
20	4478D23	4613D31	4658D32	4770
18	4481^24	4616D31	4662D32	4772
16	4484D24	4619D31	4665D32	4773
10	4492D26	4628D31	4674D32	4777
0	4500D28	4638D31	4685D32	4779
-10	4503D29	4642D31	4690D32	4772
-20	4510D29	4650D32	4700D32	4773
-30	4508D29	4652D32	4688D32	4766

High QNH **+100** per .10" Engine A/I ON **-3910**
Low QNH **-160** per .10" Wing A/I ON **-3910**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
36	92.4	3998^21	4119^24	4161^25
34	92.7	4070^23	4193^25	4234^26
32	93.0	4142^24	4266^26	4308^27
30	93.2	4214^25	4340^27	4384^28
28	93.5	4289^26	4417^28	4460^29
26	93.8	4361^27	4491^29	4536^30
24	93.9	4433^28	4565^30	4610^31
22	93.8	4474^28	4607^31	4653^32
20	93.6	4484^29	4617^31	4663^32
18	93.3	4487^29	4621^31	4667^32
16	93.0	4487^29	4624^31	4670^32
10	92.0	4498^29	4633^31	4679^32
0	90.3	4506^29	4643^31	4690^32
-10	88.7	4509^29	4647^31	4695^32
-20	87.0	4514^29	4655^32	4704^32
-30	85.2	4513^29	4656^32	4702^32

TO-1 - WET RWY

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
36	3998D22	4119D24	4161D25	4234
34	4070D22	4193D25	4234D26	4312
32	4142D23	4266D26	4308D27	4390
30	4214D23	4340D27	4384D28	4471
28	4289D23	4417D28	4460D29	4556
26	4361D24	4491D29	4536D30	4640
24	4433D24	4565D30	4610D31	4724
22	4474D25	4607D31	4653D32	4765
20	4484D26	4617D31	4663D32	4770
18	4487D26	4621D31	4667D32	4772
16	4487D27	4624D31	4670D32	4773
10	4498D28	4633D31	4679D32	4777
0	4506D29	4643D31	4690D32	4779
-10	4509D29	4647D31	4695D32	4772
-20	4514D29	4655D32	4704D32	4773
-30	4513D29	4656D32	4702D32	4766

High QNH **+100** per .10" Engine A/I ON **-3920**
Low QNH **-170** per .10" Wing A/I ON **-3920**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
36	92.4	4066^28-28-37	4185^31-31-39	4227^31-31-40	4268^32-32-41
34	92.7	4139^29-29-38	4261^32-32-40	4302^32-32-41	4345^33-33-42
32	93.0	4211^30-30-40	4335^33-33-42	4377^34-34-42	4420^34-34-43
30	93.2	4284^32-32-41	4410^34-34-43	4453^35-35-43	4497^36-36-44
28	93.5	4359^33-33-42	4486^35-35-44	4530^36-36-45	4574^37-37-45
26	93.8	4434^34-34-43	4563^36-36-45	4607^37-37-46	4651^38-38-47
24	93.9	4506^35-35-44	4637^37-37-46	4682^38-38-47	4727^39-39-48
22	93.8	4548^35-35-45	4681^38-38-47	4726^39-39-48	4772^39-39-48
20	93.6	4560^36-36-45	4692^38-38-47	4737^39-39-48	4784^40-40-49
18	93.3	4562^36-36-45	4695^38-38-47	4741^39-39-48	4787^40-40-49
16	93.0	4565^36-36-45	4698^38-38-47	4744^39-39-48	4790^40-40-49
10	92.0	4574^36-36-45	4707^38-38-47	4754^39-39-48	4801^40-40-49
0	90.3	4582^36-36-45	4718^38-38-48	4765^39-39-48	4812^40-40-49
-10	88.7	4584^36-36-45	4722^38-38-48	4770^39-39-48	4817^40-40-49
-20	87.0	4590^36-36-46	4729^39-39-48	4778^39-39-48	4826^40-40-49
-30	85.2	4588^36-36-46	4729^39-39-48	4778^39-39-48	4828^40-40-49

High QNH **+100** per .10" Engine A/I ON **-4000**
Low QNH **-170** per .10" Wing A/I ON **-4000**

ALL DATA BASED ON TO-1 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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MORELIA -MLM 23 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
36	3821^18	3953^21	3992^21
34	3892^19	4029^22	4067^22
32	3962^20	4104^23	4143^24
30	4035^21	4182^24	4222^25
28	4110^22	4259^25	4301^26
26	4183^23	4336^26	4381^27
24	4256^25	4410^27	4459^28
22	4294^25	4449^28	4498^29
20	4299^25	4455^28	4504^29
18	4302^25	4458^28	4506^29
16	4302^25	4460^28	4507^29
10	4306^25	4464^28	4507^29
0	4306^25	4458^28	4502^29
-10	4301^25	4445^28	4490^29

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

Engine A/I ON **-3980**
Wing A/I ON **-3980**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3987^21	4107^24	4149^24
4059^22	4182^25	4224^25
4131^23	4256^26	4299^27
4204^25	4330^27	4374^28
4278^26	4405^28	4450^29
4351^27	4481^29	4525^30
4422^28	4555^30	4600^31
4464^28	4598^31	4644^31
4475^28	4608^31	4655^32
4478^28	4612^31	4658^32
4480^28	4615^31	4661^32
4112^23	4239^26	4283^26
4439^28	4575^30	4622^31
4458^28	4595^31	4642^32

High QNH **+100** 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
36	3821D18	3953D21	3992D21
34	3892D19	4029D22	4067D23
32	3962D20	4104D23	4143D24
30	4035D21	4182D24	4222D25
28	4110D23	4259D25	4301D26
26	4183D24	4336D26	4381D27
24	4256D25	4410D28	4459D28
22	4294D25	4449D28	4498D29
20	4299D25	4455D28	4504D29
18	4302D25	4458D28	4506D29
16	4302D25	4460D28	4507D29
10	4306D25	4464D28	4507D29
0	4306D25	4458D28	4502D29
-10	4301D25	4445D28	4490D29

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

Engine A/I ON **-3980**
Wing A/I ON **-3980**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3987D21	4107D24	4149D24
4059D22	4182D25	4224D25
4131D22	4256D26	4299D27
4204D23	4330D27	4374D28
4278D23	4405D28	4450D29
4351D24	4481D29	4525D30
4422D24	4555D30	4600D31
4464D25	4598D31	4644D31
4475D26	4608D31	4655D32
4478D26	4612D31	4658D32
4480D27	4615D31	4661D32
4112D23	4239D26	4283D26
4439D28	4575D30	4622D31
4458D28	4595D31	4642D32

High QNH **+100** 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	4061F 1	4292F10	4371F13
26	4122F 1	4355F10	4435F13
24	4183F 2	4420F10	4502F13
22	4229F 2	4469F11	4552F14
20	4256F 3	4500F12	4581F15
18	4268F 3	4513F12	4595F15
16	4280F 4	4527F13	4612F15
14	4292F 4	4540F13	4623F16
12	4302F 4	4553F13	4637F16
10	4315F 5	4566F14	4650^17
0	4375F 7	4615^16	4664^19
-10	4438F 9	4622^18	4673^22
-20	4484^11	4634^21	4686^24
-30	4487^13	4639^24	4681^27

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

Engine A/I ON **-3450**
Wing A/I ON **-3450**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
3789F 5	3992F13	4056F16
3853F 6	4058F14	4124F16
3917F 6	4126F14	4194F17
3964F 7	4181F15	4253F18
3998F 7	4218F16	4294F18
4009F 8	4231F16	4307F19
4020F 8	4245F16	4317F19
4030F 8	4254F17	4329F19
4041F 9	4268F17	4343F20
4052F 9	4278F17	4353F20
4104F11	4338F19	4411F22
4160F13	4395F21	4471F24
4218F15	4455F23	4534F26
4275F17	4515F25	4597F28

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

Engine A/I ON **-1750**
Wing A/I ON **-1750**

LEVEL 3 CONTAM

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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CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
V2	H026	D4.7 OAX		LT OAX	6400'	STD

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H
40	88.5	3678^15	3831^18	3884^19
38	88.8	3749^16	3904^19	3954^20
36	89.2	3819^17	3967^20	4017^21
34	89.5	3885^18	4027^21	4077^22
32	89.9	3940^19	4083^22	4134^23
30	90.2	3994^20	4140^23	4192^24
28	90.1	4054^21	4202^23	4255^24
26	90.0	4114^21	4265^24	4318^25
24	89.9	4149^22	4300^25	4354^26
22	89.8	4159^22	4311^25	4366^26
20	89.7	4168^22	4321^25	4376^26
15	88.9	4190^23	4344^26	4399^27
10	88.2	4211^23	4366^26	4421^27
5	87.4	4217^23	4389^26	4445^27
0	86.6	4212^23	4389^26	4451^28
-5	85.8	4211^23	4390^26	4451^28

ALT TO-1 - WET RWY

Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
3675^ 6	3831D15	3884D18	4256
3738^ 6	3904D16	3954D19	4341
3794^ 6	3967D16	4017D19	4425
3848^ 7	4027D16	4077D20	4503
3900^ 7	4083D17	4134D20	4580
3953^ 8	4140D17	4192D20	4661
4012^ 8	4202D18	4255D21	4750
4069^ 9	4265D18	4318D21	4838
4103^ 9	4300D19	4354D22	4879
4114^ 9	4311D19	4366D22	4884
4124^10	4321D20	4376D23	4886
4148^11	4344D20	4399D24	4890
4173^12	4366D21	4421D25	4893
4198^12	4389D22	4445D26	4895
4208^14	4389D24	4451D27	4888
4210^15	4390D25	4451D28	4887

High QNH **+40** per .10" — Engine A/I ON **-2360**
Low QNH **-150** per .10" — Wing A/I ON **-2360**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	+0	+10H
40	91.9	3684^15	3836^18	3889^19
38	92.2	3755^16	3909^19	3964^20
36	92.5	3825^17	3982^20	4036^21
34	92.9	3891^18	4051^21	4106^22
32	93.3	3957^19	4118^22	4174^24
30	93.7	4027^20	4190^24	4242^25
28	93.7	4101^22	4255^24	4307^25
26	93.8	4169^23	4319^25	4373^26
24	93.6	4210^23	4363^26	4416^27
22	93.3	4216^23	4386^26	4440^27
20	93.0	4217^23	4388^26	4447^27
15	92.2	4221^23	4393^26	4453^28
10	91.4	4225^23	4398^27	4458^28
5	90.6	4227^23	4401^27	4462^28
0	89.8	4221^23	4397^27	4459^28
-5	88.9	4221^23	4398^27	4459^28

TO-1 - WET RWY

Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
3682^ 7	3836D17	3889D19	4256
3752^ 7	3909D17	3964D20	4341
3821^ 8	3982D18	4036D21	4425
3886^ 8	4051D18	4106D21	4503
3944^ 9	4118D18	4174D22	4580
3995^ 9	4190D19	4242D22	4661
4053^ 9	4255D19	4307D22	4750
4111^10	4318^20	4373D23	4838
4151^10	4361^20	4416D23	4879
4175^11	4386D21	4440D24	4884
4185^12	4388D22	4447D25	4886
4211^12	4393D23	4453D26	4890
4219^14	4398D24	4458D27	4893
4223^15	4401D25	4462D28	4895
4220^16	4397D26	4459D28	4888
4221^17	4398D27	4459D28	4887

High QNH **+40** per .10" — Engine A/I ON **-2620**
Low QNH **-150** per .10" — Wing A/I ON **-2620**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	+0	+10H	+20H
40	91.9	3687^20-20-31	3836^18-18-28	3889^19-19-29	3942^20-20-30
38	92.2	3755^16-16-27	3909^19-19-30	3964^20-20-30	4018^21-21-31
36	92.5	3825^17-17-28	3982^20-20-31	4036^21-21-32	4092^23-23-32
34	92.9	3891^18-18-29	4051^21-21-32	4106^22-22-33	4161^24-24-34
32	93.3	3957^19-19-30	4118^22-22-33	4174^24-24-34	4231^25-25-35
30	93.7	4027^20-20-31	4190^24-24-34	4242^25-25-35	4295^25-25-36
28	93.7	4101^22-22-33	4255^24-24-35	4307^25-25-36	4361^26-26-37
26	93.8	4169^23-23-34	4319^25-25-36	4373^26-26-37	4427^27-27-38
24	93.6	4210^23-23-34	4363^26-26-37	4416^27-27-37	4471^28-28-38
22	93.3	4216^23-23-34	4386^26-26-37	4440^27-27-38	4495^28-28-39
20	93.0	4217^23-23-34	4388^26-26-37	4447^27-27-38	4504^29-29-39
15	92.2	4221^23-23-34	4393^26-26-37	4453^28-28-38	4514^29-29-39
10	91.4	4225^23-23-34	4398^27-27-37	4458^28-28-38	4519^29-29-39
5	90.6	4230^29-29-40	4401^27-27-37	4462^28-28-38	4524^29-29-39
0	89.8	4244^29-29-40	4398^32-32-43	4459^28-28-38	4521^29-29-39
-5	88.9	4267^30-30-41	4423^33-33-43	4477^34-34-44	4534^35-35-45

High QNH **+40** per .10" — Engine A/I ON **-2030**
Low QNH **-150** per .10" — Wing A/I ON **-2030**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 4989 Length 8038 Shift **0** Clearway 0 Stopway 0 Slope +0.29
Rwy Rev. Program Rules FAA **09 Dec 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	3684^15	3836^18	3889^19
38	3755^16	3909^19	3964^20
36	3825^17	3982^20	4036^21
34	3891^18	4051^21	4106^22
32	3957^19	4118^22	4174^24
30	4027^20	4190^24	4242^25
28	4101^22	4255^24	4307^25
26	4169^23	4319^25	4373^26
24	4210^23	4363^26	4416^27
22	4216^23	4386^26	4440^27
20	4217^23	4388^26	4447^27
15	4221^23	4393^26	4453^28
10	4225^23	4398^27	4458^28
5	4227^23	4401^27	4462^28

High QNH **+40** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-2620**
Wing A/I ON **-2620**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3680^15	3832^18	3885^19
3751^16	3905^19	3959^20
3821^17	3978^20	4032^21
3887^18	4047^21	4102^22
3954^19	4115^22	4171^23
4024^20	4183^23	4235^24
4098^21	4248^24	4301^25
4163^22	4313^25	4366^26
4205^23	4356^26	4410^27
4213^23	4381^26	4434^27
4215^23	4386^26	4443^27
4218^23	4391^26	4451^28
3970^20	4137^23	4195^24
4156^22	4331^26	4391^27

High QNH **+40** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-140**
Wing A/I ON **-140**

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	3682^ 7	3836D17	3889D19
38	3752^ 7	3909D17	3964D20
36	3821^ 8	3982D18	4036D21
34	3886^ 8	4051D18	4106D21
32	3944^ 9	4118D18	4174D22
30	3995^ 9	4190D19	4242D22
28	4053^ 9	4255D19	4307D22
26	4111^10	4318^20	4373D23
24	4151^10	4361^20	4416D23
22	4175^11	4386D21	4440D24
20	4185^12	4388D22	4447D25
15	4211^12	4393D23	4453D26
10	4219^14	4398D24	4458D27
5	4223^15	4401D25	4462D28

High QNH **+40** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-2620**
Wing A/I ON **-2620**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3678^ 7	3832D17	3885D19
3748^ 7	3905D17	3959D20
3817^ 8	3978D17	4032D21
3882^ 8	4047D18	4102D21
3937^ 8	4115D18	4171D21
3990^ 9	4183D19	4235D22
4048^ 9	4248D19	4301D22
4106^10	4312^20	4366D23
4146^10	4354^20	4410D23
4169^11	4381D21	4434D24
4179^11	4386D21	4443D25
4206^12	4391D23	4451D26
3970D15	4137D23	4195D24
4155^15	4331D25	4391D27

High QNH **+40** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-140**
Wing A/I ON **-140**

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		3818F98	3896F 1
26		3874F98	3953F 1
24		3914F99	3994F 2
22		3937F99	4017F 2
20		3948F 0	4029F 3
15		3976F 1	4058F 4
10		4005F 2	4083^ 5
5		4034F 2	4109^ 6
0	2731F99	4056F 3	4127^ 7
-5		4090F 4	4155^ 8
-10	2964F 0	4114^ 5	4182^ 9
-15	3276F99	4141^ 7	4212^10
-20	3617F99	4166^ 8	4240^11
-25	3932F99	4193^ 9	4270^12

High QNH **+40** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-1460**
Wing A/I ON **-1460**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
2961F96	3346F 3	3493F 5
3011F96	3402F 4	3550F 6
3062F96	3466F 4	3600F 6
3108F97	3530F 4	3642F 7
3123F97	3541F 5	3661F 7
3157F98	3570F 5	3715F 8
3196F99	3606F 6	3788F 8
3234F99	3646F 7	3849F 9
3276F 0	3693F 8	3906F10
3319F 1	3766F 8	3961F10
3362F 1	3835F 9	4006^11
3411F 2	3896F 9	4004^11
3462F 3	3950F10	3999^11
3514F 3	3945^10	3993^11

High QNH **+30** per .10"
Low QNH **-170** 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	4989	Length	8038	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.29
Rwy Rev.		Program						Rules	FAA		**09 Dec 22**

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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	3804^18	3938^20	3989^21	3757^ 5	3938D14	3989D17	4256
38	88.8	3865^18	4003^21	4051^22	3814^ 5	4000^15	4051D18	4341
36	89.2	3926^19	4067^22	4114^23	3871^ 6	4061^15	4114D18	4425
34	89.5	3984^20	4129^23	4174^24	3926^ 6	4120^16	4174D19	4503
32	89.9	4041^21	4187^24	4233^25	3979^ 7	4176^16	4233D19	4580
30	90.2	4096^22	4246^25	4293^25	4031^ 7	4231^17	4293D20	4661
28	90.1	4158^23	4310^25	4359^26	4089^ 7	4293^17	4358^20	4750
26	90.0	4219^23	4375^26	4425^27	4146^ 8	4354^18	4421^21	4838
24	89.9	4254^24	4412^27	4462^28	4181^ 8	4390^18	4458^21	4879
22	89.8	4264^24	4423^27	4472^28	4192^ 9	4402^18	4470^22	4884
20	89.7	4275^24	4433^27	4483^28	4204^ 9	4414^19	4482^22	4886
15	88.9	4298^25	4455^28	4505^29	4230^10	4442^20	4505D23	4890
10	88.2	4320^25	4478^28	4526^29	4257^11	4468^21	4526D24	4893
5	87.4	4344^26	4500^28	4553^29	4284^12	4496^22	4553D25	4895
0	86.6	4358^26	4514^29	4572^30	4304^13	4514D23	4572D26	4888
-5	85.8	4383^26	4539^29	4601^30	4333^14	4539D24	4601D27	4887

High QNH **+40** per .10" — Engine A/I ON **-1600**
Low QNH **-150** per .10" — Wing A/I ON **-1600**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	91.9	3856^19	3992^21	4045^22	3800^ 6	3991^16	4045D19	4256
38	92.2	3919^20	4055^22	4109^23	3858^ 6	4050^16	4109D19	4341
36	92.5	3982^20	4119^23	4173^24	3916^ 7	4110^17	4173D20	4425
34	92.9	4042^21	4178^24	4234^25	3972^ 7	4167^17	4234D20	4503
32	93.3	4098^22	4237^25	4291^26	4024^ 8	4222^18	4291D21	4580
30	93.7	4154^23	4296^26	4349^26	4076^ 8	4278^18	4349D21	4661
28	93.7	4217^24	4363^26	4413^27	4135^ 9	4341^18	4412^22	4750
26	93.8	4281^25	4429^27	4477^28	4194^ 9	4404^19	4472^22	4838
24	93.6	4326^25	4474^28	4523^29	4235^10	4447^20	4517^23	4879
22	93.3	4352^26	4498^28	4552^29	4259^10	4472^20	4547^24	4884
20	93.0	4361^26	4507^29	4563^30	4270^11	4483^21	4560^24	4886
15	92.2	4383^26	4531^29	4590^30	4297^12	4510^22	4590D25	4890
10	91.4	4405^27	4556^29	4616^30	4324^12	4542^23	4616D26	4893
5	90.6	4428^27	4582^30	4643^31	4352^13	4574^24	4643D27	4895
0	89.8	4441^27	4601^30	4662^31	4373^15	4599^25	4662D28	4888
-5	88.9	4465^28	4627^31	4689^32	4403^16	4627D26	4689D29	4887

High QNH **+40** per .10" — Engine A/I ON **-1620**
Low QNH **-150** per .10" — Wing A/I ON **-1620**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	91.9	3856^19-19-29	3992^21-21-31	4045^22-22-32	4099^23-23-33
38	92.2	3919^20-20-30	4055^22-22-32	4109^23-23-33	4164^24-24-34
36	92.5	3982^20-20-31	4119^23-23-33	4173^24-24-34	4229^25-25-35
34	92.9	4042^21-21-32	4178^24-24-34	4234^25-25-35	4290^26-26-35
32	93.3	4098^22-22-33	4237^25-25-35	4291^26-26-35	4349^27-27-36
30	93.7	4154^23-23-33	4296^26-26-36	4349^26-26-36	4408^28-28-37
28	93.7	4217^24-24-34	4363^26-26-37	4413^27-27-37	4473^28-28-38
26	93.8	4281^25-25-35	4429^27-27-38	4477^28-28-38	4538^29-29-39
24	93.6	4326^25-25-36	4474^28-28-38	4523^29-29-39	4584^30-30-40
22	93.3	4352^26-26-36	4498^28-28-39	4552^29-29-39	4614^30-30-40
20	93.0	4361^26-26-37	4507^29-29-39	4563^30-30-40	4624^31-31-40
15	92.2	4383^26-26-37	4531^29-29-39	4590^30-30-40	4652^31-31-41
10	91.4	4405^27-27-37	4556^29-29-39	4616^30-30-40	4678^32-32-41
5	90.6	4428^27-27-38	4582^30-30-40	4643^31-31-41	4705^32-32-42
0	89.8	4441^27-27-38	4601^30-30-40	4662^31-31-41	4723^32-32-42
-5	88.9	4465^28-28-38	4627^31-31-40	4689^32-32-41	4750^33-33-42

High QNH **+40** per .10" — Engine A/I ON **-1620**
Low QNH **-150** per .10" — Wing A/I ON **-1620**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	4989	Length	8038	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.29
Rwy Rev.		Program						Rules	FAA		**09 Dec 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	3856^19	3992^21	4045^22
38	3919^20	4055^22	4109^23
36	3982^20	4119^23	4173^24
34	4042^21	4178^24	4234^25
32	4098^22	4237^25	4291^26
30	4154^23	4296^26	4349^26
28	4217^24	4363^26	4413^27
26	4281^25	4429^27	4477^28
24	4326^25	4474^28	4523^29
22	4352^26	4498^28	4552^29
20	4361^26	4507^29	4563^30
15	4383^26	4531^29	4590^30
10	4405^27	4556^29	4616^30
5	4428^27	4582^30	4643^31

High QNH **+40** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-1620**
Wing A/I ON **-1620**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	3849^18	3984^21	4037^22
38	3912^19	4047^22	4101^23
36	3974^20	4110^23	4165^24
34	4034^21	4170^24	4225^25
32	4090^22	4230^25	4283^26
30	4147^23	4290^25	4341^26
28	4211^24	4357^26	4406^27
26	4274^24	4423^27	4470^28
24	4318^25	4468^28	4516^29
22	4345^26	4492^28	4545^29
20	4354^26	4500^28	4556^29
15	4377^26	4523^29	4582^30
10	4236^25	4394^28	4450^29
5	4383^27	4538^29	4598^30

High QNH **+40** per .10"
Low QNH **-160** per .10"

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

WET - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	3800^ 6	3991^16	4045D19
38	3858^ 6	4050^16	4109D19
36	3916^ 7	4110^17	4173D20
34	3972^ 7	4167^17	4234D20
32	4024^ 8	4222^18	4291D21
30	4076^ 8	4278^18	4349D21
28	4135^ 9	4341^18	4412^22
26	4194^ 9	4404^19	4472^22
24	4235^10	4447^20	4517^23
22	4259^10	4472^20	4547^24
20	4270^11	4483^21	4560^24
15	4297^12	4510^22	4590D25
10	4324^12	4542^23	4616D26
5	4352^13	4574^24	4643D27

High QNH **+50** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1470**
Wing A/I ON **-1470**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
40	3794^ 6	3984^15	4037D19
38	3852^ 6	4043^16	4101D19
36	3910^ 7	4102^16	4165D20
34	3965^ 7	4160^17	4225D20
32	4018^ 8	4216^17	4283D21
30	4071^ 8	4272^18	4341D21
28	4130^ 8	4335^18	4405^22
26	4188^ 9	4398^19	4465^22
24	4229^ 9	4441^19	4510^23
22	4253^10	4466^20	4541^23
20	4264^10	4477^21	4553^24
15	4292^11	4505^22	4582D25
10	4175^13	4394D23	4450D26
5	4313^13	4534^24	4598D27

High QNH **+50** 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		3856F96	3940F99
26		3912F97	3998F 0
24		3952F97	4039F 0
22		3975F98	4063F 1
20		3988F98	4076F 1
15		4019F99	4106F 2
10		4049F 0	4135F 3
5		4081F 1	4167F 4
0		4105F 2	4193F 5
-5		4139F 3	4222^ 6
-10		4168F 4	4250^ 7
-15		4201F 5	4280^ 8
-20	2953F 0	4232F 6	4309^ 9
-25	3343F99	4260^ 7	4337^10

High QNH **+50** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-1440**
Wing A/I ON **-1440**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3005F94	3429F 2	3542F 4
26	3058F94	3486F 2	3603F 5
24	3107F95	3533F 2	3655F 5
22	3149F95	3569F 3	3698F 6
20	3166F96	3583F 3	3717F 6
15	3204F96	3619F 4	3769F 7
10	3243F97	3658F 5	3823F 7
5	3281F98	3703F 6	3865F 8
0	3327F98	3750F 6	3901F 9
-5	3374F99	3808F 7	3946^10
-10	3421F 0	3850F 8	3986F10
-15	3478F 0	3895F 9	4035F11
-20	3531F 1	3938^ 9	4084F12
-25	3559F 2	3979F10	4139F13

High QNH **+60** per .10"
Low QNH **-190** per .10"

Engine A/I ON **-1040**
Wing A/I ON **-1040**

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		**09 Dec 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1164'		**LT H080**	**1164'**	

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	4253F25	4434^28	4476^29	4193F14	4434D23	4476D26	4697
46	87.7	4328F25	4524^29	4570^30	4264F14	4521^24	4570D27	4815
44	87.7	4377F26	4581^30	4628^31	4311F15	4574^24	4628D27	4884
42	87.5	4400F26	4606^30	4654^31	4334F15	4600^24	4654D28	4944
40	87.3	4420F27	4625^30	4673^31	4354F15	4620^25	4673D28	4959
38	87.0	4430F27	4633^31	4680^31	4366F16	4630^25	4680D28	4960
36	86.7	4441F27	4641^31	4689^32	4378F16	4640^25	4689D29	4962
34	86.4	4452F27	4650^31	4696^32	4390F16	4650D26	4696D29	4964
32	86.1	4463F28	4657^31	4704^32	4403F17	4657D26	4704D29	4966
30	85.9	4475F28	4666^31	4711^32	4415F17	4666D27	4711D30	4968
20	84.5	4529F29	4707^32	4749^33	4479F19	4707D28	4749D32	4976
10	83.0	4584F30	4742^32	4781^33	4541F20	4742D30	4781D34	4972
0	81.5	4636^31	4783^33	4819^34	4610F22	4783D33	4819D34	4984
-10	80.0	4679^31	4818^34	4852^34	4665^24	4818D34	4852D35	4987
-20	78.4	4720^32	4849^34	4884^35	4718^26	4849D35	4884D36	4985
-30	76.9	4742^32	4872^35	4916^35	4742D29	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**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4349F26	4482^29	4517^29	4267F15	4482D25	4517D28	4697
46	90.9	4428F27	4577^30	4615^31	4340F16	4575^25	4615D29	4815
44	90.9	4491F28	4641^31	4680^32	4396F16	4637^26	4680D29	4884
42	90.6	4535F29	4677^31	4714^32	4435F17	4673^27	4714D30	4944
40	90.4	4556F29	4697^32	4733^32	4456F17	4694^27	4733D30	4959
38	90.1	4563^29	4705^32	4742^32	4471F18	4705^28	4742D31	4960
36	89.8	4571^29	4712^32	4748^33	4484F18	4712D28	4748D31	4962
34	89.6	4580^30	4719^32	4755^33	4496F18	4719D28	4755D32	4964
32	89.3	4588^30	4727^32	4762^33	4509F19	4727D29	4762D32	4966
30	89.0	4597^30	4734^32	4768^33	4520F19	4734D29	4768D33	4968
20	87.5	4639^31	4770^33	4802^33	4587F21	4770D31	4802D34	4976
10	86.0	4677^31	4798^33	4826^34	4636^23	4798D33	4826D35	4972
0	84.4	4721^32	4834^34	4872^35	4694^25	4834D35	4872D36	4984
-10	82.9	4760^33	4864^34	4920^35	4747^27	4864D35	4920D36	4987
-20	81.3	4774^33	4898^35	4940^36	4774D29	4898D35	4940D36	4985
-30	79.7	4760^33	4887^35	4931^36	4760D32	4887D35	4931D36	4981

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

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4349F26-26-36	4482^29-29-38	4517^29-29-39	4545^30-30-39
46	90.9	4428F27-27-37	4577^30-30-40	4615^31-31-40	4646^31-31-41
44	90.9	4491F28-28-38	4641^31-31-41	4680^32-32-41	4711^32-32-42
42	90.6	4535F29-29-39	4677^31-31-41	4714^32-32-42	4745^33-33-42
40	90.4	4556F29-29-39	4697^32-32-41	4733^32-32-42	4764^33-33-42
38	90.1	4563^29-29-39	4705^32-32-42	4742^32-32-42	4772^33-33-42
36	89.8	4571^29-29-40	4712^32-32-42	4748^33-33-42	4778^33-33-43
34	89.6	4580^30-30-40	4719^32-32-42	4755^33-33-42	4784^33-33-43
32	89.3	4588^30-30-40	4727^32-32-42	4762^33-33-42	4790^33-33-43
30	89.0	4597^30-30-40	4734^32-32-42	4768^33-33-42	4795^33-33-43
20	87.5	4639^31-31-41	4770^33-33-42	4802^33-33-43	4831^34-34-43
10	86.0	4677^31-31-41	4798^33-33-43	4826^34-34-43	4876^35-35-44
0	84.4	4721^32-32-42	4834^34-34-43	4872^35-35-44	4928^36-36-45
-10	82.9	4760^33-33-42	4864^34-34-44	4920^35-35-45	4976^36-36-45
-20	81.3	4774^33-33-43	4898^35-35-44	4940^36-36-45	4981^36-36-46
-30	79.7	4772^39-39-48	4905^41-41-50	4937^42-42-51	4987^42-42-51

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

ALL DATA BASED ON TO-1 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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PALENQUE -PQM 10 *LT H080*

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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	4349F26	4482^29	4517^29	4340F26	4475^29	4510^29			
46	4428F27	4577^30	4615^31	4418F27	4571^30	4608^31			
44	4491F28	4641^31	4680^32	4480F28	4634^31	4673^31			
42	4535F29	4677^31	4714^32	4524F29	4670^31	4708^32			
40	4556F29	4697^32	4733^32	4545F29	4690^32	4728^32			
38	4563^29	4705^32	4742^32	4559F29	4699^32	4736^32			
36	4571^29	4712^32	4748^33	4564^29	4706^32	4742^32			
34	4580^30	4719^32	4755^33	4572^30	4713^32	4749^33			
32	4588^30	4727^32	4762^33	4581^30	4721^32	4756^33			
30	4597^30	4734^32	4768^33	4589^30	4729^32	4763^33			
20	4639^31	4770^33	4802^33	4633^31	4765^33	4796^33			
10	4677^31	4798^33	4826^34	4620^31	4732^33	4763^33			
0	4721^32	4834^34	4872^35	4664^31	4768^33	4816^34			
-10	4760^33	4864^34	4920^35	4700^32	4804^34	4859^35			

High QNH	**+40**	per .10"	High QNH	**+40**	per .10"	High QNH		per .10"
Low QNH	**-160**	per .10"	Low QNH	**-160**	per .10"	Low QNH		per .10"
Engine A/I ON	**-640**		Engine A/I ON	**+0**		Engine A/I ON		
Wing A/I ON	**-640**		Wing A/I ON	**+0**		Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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	4267F15	4482D25	4517D28	4260F15	4475D25	4510D28			
46	4340F16	4575^25	4615D29	4332F15	4568^25	4608D28			
44	4396F16	4637^26	4680D29	4388F16	4629^26	4673D29			
42	4435F17	4673^27	4714D30	4427F17	4665^27	4708D30			
40	4456F17	4694^27	4733D30	4448F17	4687^27	4728D30			
38	4471F18	4705^28	4742D31	4463F17	4698^27	4736D31			
36	4484F18	4712D28	4748D31	4476F18	4706D28	4742D31			
34	4496F18	4719D28	4755D32	4489F18	4713D28	4749D32			
32	4509F19	4727D29	4762D32	4501F18	4721D29	4756D32			
30	4520F19	4734D29	4768D33	4512F19	4729D29	4763D32			
20	4587F21	4770D31	4802D34	4579F21	4765D31	4796D34			
10	4636^23	4798D33	4826D35	4587^23	4732D33	4763D34			
0	4694^25	4834D35	4872D36	4645^25	4768D34	4816D35			
-10	4747^27	4864D35	4920D36	4691^27	4804D34	4859D35			

High QNH	**+40**	per .10"	High QNH	**+40**	per .10"	High QNH		per .10"
Low QNH	**-160**	per .10"	Low QNH	**-160**	per .10"	Low QNH		per .10"
Engine A/I ON	**-640**		Engine A/I ON	**+0**		Engine A/I ON		
Wing A/I ON	**-640**		Wing A/I ON	**+0**		Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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	3938F98	4196F 8	4291F11	3439F 3	3968F10	4135F13			
26	3950F98	4208F 8	4303F11	3458F 3	3988F10	4154F13			
24	3960F98	4220F 8	4316F12	3476F 4	4008F11	4165F13			
22	3970F99	4233F 9	4329F12	3494F 4	4027F11	3773F 8			
20	3981F99	4245F 9	4342F12	3513F 4	4045F11	3773F 8			
18	3990F99	4257F10	4354F13	3532F 4	4062F12	3773F 8			
16	4000F 0	4269F10	4367F13	3552F 5	4082F12	4180^13			
14	4009F 0	4281F10	4380F14	3574F 5	4101F12	4183^13			
12	4019F 0	4293F11	4393F14	3584F 5	4121F12	4188^13			
10	4030F 1	4305F11	4404F14	3593F 5	4140F13	4192^13			
0	4089F 3	4374F13	4477F17	3664F 7	4177F13				
-10	4146F 5	4441F15	4549F19	3760F 8	4209^14	4253^14			
-20	4205F 7	4513F17	4623F21	3911F 9	4226^14	4272D15			
-30	4267F 9	4585F20	4690^23	4022F11	4216^14	4263D14			

High QNH	**+70**	per .10"	High QNH	**+0**	per .10"	High QNH		per .10"
Low QNH	**-60**	per .10"	Low QNH	**-100**	per .10"	Low QNH		per .10"
Engine A/I ON	**-430**		Engine A/I ON	**-990**		Engine A/I ON		
Wing A/I ON	**-430**		Wing A/I ON	**-990**		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**

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	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**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4504F29	4627^31	4660^32	4385F14	4625^24	4660D28	4697
46	90.9	4585F30	4741^33	4774^33	4459F15	4736^25	4773^28	4815
44	90.9	4650F31	4832^34	4866^35	4516F16	4813^25	4864^29	4884
42	90.6	4697F32	4896^35	4930^36	4555F16	4852^26	4927^29	4944
40	90.4	4719F32	4910^35	4944^36	4577F17	4874^26	4941^30	4959
38	90.1	4735F32	4915^35	4949^36	4590F17	4888^27	4947^30	4960
36	89.8	4746F33	4916^35	4951^36	4604F17	4899^27	4949^31	4962
34	89.6	4758F33	4917^35	4952^36	4617F18	4912^28	4951^31	4964
32	89.3	4771F33	4918^35	4953^36	4631F18	4914^28	4953^32	4966
30	89.0	4783F33	4920^35	4955^36	4645F18	4915^29	4955D32	4968
20	87.5	4815^34	4924^36	4960^36	4716F20	4923^31	4960D34	4976
10	86.0	4804^33	4916^35	4953^36	4787F22	4916D33	4953D36	4972
0	84.4	4804^33	4920^35	4958^36	4798^24	4920D36	4958D36	4984
-10	82.9	4797^33	4916^35	4956^36	4795^27	4916D35	4956D36	4987
-20	81.3	4785^33	4908^35	4950^36	4785D29	4908D35	4950D36	4985
-30	79.7	4770^33	4898^35	4941^36	4770D32	4898D35	4941D36	4981

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

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4504F29-29-39	4627^31-31-40	4666^38-38-47	4726^39-39-48
46	90.9	4585F30-30-40	4741^33-33-42	4774^33-33-43	4821^40-40-49
44	90.9	4650F31-31-41	4832^34-34-43	4866^35-35-44	4888^41-41-50
42	90.6	4697F32-32-41	4896^35-35-44	4930^36-36-45	4944C36-36-45
40	90.4	4719F32-32-42	4910^35-35-44	4944^36-36-45	4959C36-36-45
38	90.1	4735F32-32-42	4915^35-35-45	4949^36-36-45	4964^42-42-51
36	89.8	4746F33-33-42	4916^35-35-45	4951^36-36-45	4974^42-42-51
34	89.6	4758F33-33-42	4917^35-35-45	4952^36-36-45	4977C42-42-51
32	89.3	4771F33-33-42	4918^35-35-45	4953^36-36-45	4979C42-42-51
30	89.0	4783F33-33-43	4920^35-35-45	4955^36-36-45	4981C42-42-51
20	87.5	4815^34-34-43	4929^41-41-51	4990C43-43-51	4990C43-43-51
10	86.0	4804^33-33-43	4973^42-42-51	4986C42-42-51	4986C42-42-51
0	84.4	4804^33-33-43	4998C43-43-52	4998C43-43-52	4998C43-43-52
-10	82.9	4866F40-40-50	5003C43-43-52	5003C43-43-52	5003C43-43-52
-20	81.3	4928F41-41-51	4999C43-43-52	4999C43-43-52	4999C43-43-52
-30	79.7	4919^41-41-50	4996C43-43-52	4996C43-43-52	4996C43-43-52

High QNH **+0** per .10" Low QNH **-170** per .10"
Engine A/I ON **-890** Wing A/I ON **-890**

ALL DATA BASED ON TO-1 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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PALENQUE -PQM 28 *DT H284*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4504F29	4627^31	4660^32
46	4585F30	4741^33	4774^33
44	4650F31	4832^34	4866^35
42	4697F32	4896^35	4930^36
40	4719F32	4910^35	4944^36
38	4735F32	4915^35	4949^36
36	4746F33	4916^35	4951^36
34	4758F33	4917^35	4952^36
32	4771F33	4918^35	4953^36
30	4783F33	4920^35	4955^36
20	4815^34	4924^36	4960^36
10	4804^33	4916^35	4953^36
0	4804^33	4920^35	4958^36
-10	4797^33	4916^35	4956^36

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

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

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4493F29	4621^31	4654^32
46	4574F30	4735^33	4768^33
44	4638F31	4826^34	4860^35
42	4686F32	4891^35	4925^36
40	4707F32	4905^35	4940^36
38	4723F32	4911^35	4945^36
36	4735F32	4912^35	4947^36
34	4748F33	4913^35	4948^36
32	4760F33	4914^35	4949^36
30	4772F33	4915^35	4950^36
20	4810^34	4919^35	4955^36
10	4720^32	4830^34	4867^35
0	4718^32	4832^34	4871^35
-10	4711^32	4829^34	4868^35

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	4385F14	4625^24	4660D28
46	4459F15	4736^25	4773^28
44	4516F16	4813^25	4864^29
42	4555F16	4852^26	4927^29
40	4577F17	4874^26	4941^30
38	4590F17	4888^27	4947^30
36	4604F17	4899^27	4949^31
34	4617F18	4912^28	4951^31
32	4631F18	4914^28	4953^32
30	4645F18	4915^29	4955D32
20	4716F20	4923^31	4960D34
10	4787F22	4916D33	4953D36
0	4798^24	4920D36	4958D36
-10	4795^27	4916D35	4956D36

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

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

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4377F14	4619^24	4654D28
46	4452F15	4730^25	4767^28
44	4508F15	4805^25	4858^29
42	4547F16	4845^26	4922^29
40	4569F16	4867^26	4937^30
38	4583F17	4881^27	4943^30
36	4596F17	4892^27	4945^31
34	4610F18	4903^28	4947^31
32	4623F18	4910^28	4949^32
30	4637F18	4911^28	4950D32
20	4708F20	4919^31	4955D34
10	4712^22	4830D33	4867D35
0	4715^25	4832D34	4871D35
-10	4711^27	4829D34	4868D35

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	2933F99	4304F 5	4398F 9
26	3127F99	4317F 6	4411F 9
24	3265F99	4327F 6	4424F 9
22	3455F98	4340F 6	4436F10
20	3595F98	4353F 7	4450F10
18	3760F98	4365F 7	4462F11
16	3950F98	4377F 8	4475F11
14	4090F98	4389F 8	4488F11
12	4126F98	4402F 8	4499F12
10	4137F98	4414F 9	4512F12
0	4200F 0	4484F11	4587F14
-10	4259F 2	4552F13	4661F16
-20	4321F 4	4626F15	4738F19
-30	4371^ 6	4701F17	4818F21

High QNH **+60** per .10"
Low QNH **-70** per .10"

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

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28	3589F 1	4002F 9	4127F12
26	3601F 1	4016F10	4142F12
24	3615F 1	4030F10	4155F13
22	3626F 2	4045F10	4175F13
20	3637F 2	4058F10	4195F13
18	3653F 2	4073F11	4213F14
16	3664F 2	4086F11	4234F14
14	3678F 3	4102F12	4254F14
12	3694F 3	4115F12	4275F15
10	3709F 3	4130F12	4283^15
0	3793F 5	4224F14	4288^15
-10	3884F 7	4240^14	4285^15
-20	3967F 8	4233^14	4279^15
-30	4031^10	4223^14	4271^15

High QNH **+0** per .10"
Low QNH **-80** per .10"

Engine A/I ON **-710**
Wing A/I ON **-710**

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	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
		8362'		**DT H174**	**8362'**	

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
35	89.0	3878^20	3957^21	3983^22	3878D20	3957D22	3983D22	4033
34	89.1	3916^21	3996^22	4022^23	3916D20	3996D22	4022D23	4072
32	89.4	3993^22	4073^23	4099^24	3993D21	4073D23	4099D24	4151
30	89.7	4073^23	4154^24	4180^25	4073D21	4154D25	4180D25	4231
28	89.9	4154^24	4235^26	4262^26	4154D22	4235D26	4262D26	4313
26	90.1	4235^25	4317^27	4344^27	4235D22	4317D27	4344D27	4395
24	90.4	4316^27	4398^28	4427^29	4316D22	4398D28	4427D29	4477
22	90.6	4397^28	4480^29	4507^30	4396^23	4480D29	4507D30	4559
20	90.9	4437^28	4521^30	4549^30	4437^23	4521D30	4549D30	4604
15	90.1	4459^29	4545^30	4573^31	4459D24	4545D30	4573D31	4627
10	89.4	4459^29	4546^30	4575^31	4459D25	4546D30	4575D31	4630
5	88.6	4458^29	4546^30	4576^31	4458D27	4546D30	4576D31	4632
0	87.8	4456^29	4546^30	4576^31	4456D28	4546D30	4576D31	4633
-5	87.0	4448^28	4539^30	4570^31	4448D29	4539D30	4570D31	4629
-10	86.2	4440^28	4532^30	4563^30	4440D28	4532D30	4563D31	4623
-15	85.4	4438^28	4532^30	4563^30	4438D28	4532D30	4563D31	4626

High QNH **+90** per .10" Engine A/I ON **-5590**
Low QNH **-170** per .10" Wing A/I ON **-5590**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
35	92.4	3886^20	3965^22	3991^22	3886D20	3965D22	3991D22	4033
34	92.5	3924^21	4004^22	4030^23	3924D21	4004D22	4030D23	4072
32	92.8	4002^22	4082^23	4108^24	4002D22	4082D23	4108D24	4151
30	93.2	4083^23	4163^25	4189^25	4083D23	4163D25	4189D25	4231
28	93.6	4165^24	4244^26	4271^26	4165D23	4244D26	4271D26	4313
26	94.1	4245^26	4327^27	4354^28	4245D24	4327D27	4354D28	4395
24	94.3	4327^27	4409^28	4436^29	4327D24	4409D28	4436D29	4477
22	94.3	4409^28	4491^29	4518^30	4409D24	4491D30	4518D30	4559
20	94.3	4450^29	4533^30	4561^30	4450D25	4533D30	4561D31	4604
15	93.6	4476^29	4560^30	4588^31	4476D27	4560D31	4588D31	4627
10	92.8	4475^29	4561^30	4589^31	4475D28	4561D31	4589D31	4630
5	92.0	4475^29	4561^30	4590^31	4475D29	4561D31	4590D31	4632
0	91.1	4473^29	4561^30	4590^31	4473D29	4561D31	4590D31	4633
-5	90.3	4464^29	4554^30	4584^31	4464D29	4554D30	4584D31	4629
-10	89.4	4455^29	4546^30	4577^31	4455D29	4546D30	4577D31	4623
-15	88.6	4454^29	4546^30	4577^31	4454D29	4546D30	4577D31	4626

High QNH **+90** per .10" Engine A/I ON **-5660**
Low QNH **-170** per .10" Wing A/I ON **-5660**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
35	92.4	4007^28-28-36	4081^29-29-38	4092C29-29-38	4092C29-29-38
34	92.5	4046^28-28-37	4121^30-30-38	4131C30-30-38	4131C30-30-38
32	92.8	4125^30-30-38	4201^31-31-40	4210C31-31-40	4210C31-31-40
30	93.2	4207^31-31-40	4284^32-32-41	4289C33-33-41	4289C33-33-41
28	93.6	4290^32-32-41	4367^34-34-42	4372C34-34-42	4372C34-34-42
26	94.1	4374^34-34-42	4451^35-35-43	4454C35-35-43	4454C35-35-43
24	94.3	4459^35-35-44	4536C36-36-45	4536C36-36-45	4536C36-36-45
22	94.3	4489T35-35-44	4619C37-37-46	4619C37-37-46	4619C37-37-46
20	94.3	4521T36-36-45	4666^38-38-47	4675C38-38-47	4675C38-38-47
15	93.6	4602T37-37-46	4691C38-38-47	4691C38-38-47	4691C38-38-47
10	92.8	4613^37-37-46	4694C38-38-47	4694C38-38-47	4694C38-38-47
5	92.0	4613^37-37-46	4696^39-39-47	4698C39-39-47	4698C39-39-47
0	91.1	4611^37-37-46	4696^38-38-47	4700C39-39-47	4700C39-39-47
-5	90.3	4603^37-37-46	4689^38-38-47	4693C38-38-47	4693C38-38-47
-10	89.4	4594^37-37-46	4681^38-38-47	4690C38-38-47	4690C38-38-47
-15	88.6	4592^37-37-46	4680^38-38-47	4694C38-38-47	4694C38-38-47

High QNH **+100** per .10" Engine A/I ON **-5780**
Low QNH **-180** per .10" Wing A/I ON **-5780**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	7362	Length	11811	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.39
Rwy Rev.		Program						Rules	FAA		**08 Oct 21**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
35	3886^20	3965^22	3991^22
34	3924^21	4004^22	4030^23
32	4002^22	4082^23	4108^24
30	4083^23	4163^25	4189^25
28	4165^24	4244^26	4271^26
26	4245^26	4327^27	4354^28
24	4327^27	4409^28	4436^29
22	4409^28	4491^29	4518^30
20	4450^29	4533^30	4561^30
15	4476^29	4560^30	4588^31
10	4475^29	4561^30	4589^31
5	4475^29	4561^30	4590^31
0	4473^29	4561^30	4590^31
-5	4464^29	4554^30	4584^31

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

Engine A/I ON **-5660**
Wing A/I ON **-5660**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
35	3881^20	3960^22	3986^22
34	3920^21	3999^22	4025^23
32	3998^22	4077^23	4103^24
30	4079^23	4158^25	4185^25
28	4160^24	4240^26	4267^26
26	4242^25	4323^27	4350^27
24	4324^27	4406^28	4433^29
22	4406^28	4488^29	4516^30
20	4447^28	4530^30	4558^30
15	4473^29	4557^30	4585^31
10	3912^20	3994^22	4021^22
5	4144^24	4228^25	4256^26
0	4363^27	4451^29	4479^29
-5	4386^28	4475^29	4503^30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-160**
Wing A/I ON **-160**

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
35	3886D20	3965D22	3991D22
34	3924D21	4004D22	4030D23
32	4002D22	4082D23	4108D24
30	4083D23	4163D25	4189D25
28	4165D23	4244D26	4271D26
26	4245D24	4327D27	4354D28
24	4327D24	4409D28	4436D29
22	4409D24	4491D30	4518D30
20	4450D25	4533D30	4561D31
15	4476D27	4560D31	4588D31
10	4475D28	4561D31	4589D31
5	4475D29	4561D31	4590D31
0	4473D29	4561D31	4590D31
-5	4464D29	4554D30	4584D31

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

Engine A/I ON **-5660**
Wing A/I ON **-5660**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
35	3881D20	3960D22	3986D22
34	3920D21	3999D22	4025D23
32	3998D22	4077D23	4103D24
30	4079D23	4158D25	4185D25
28	4160D23	4240D26	4267D26
26	4242D23	4323D27	4350D28
24	4324D24	4406D28	4433D29
22	4406D24	4488D30	4516D30
20	4447D25	4530D30	4558D31
15	4473D27	4557D31	4585D31
10	3912D21	3994D22	4021D23
5	4144D24	4228D26	4256D26
0	4363D27	4451D29	4479D29
-5	4386D28	4475D29	4503D30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-160**
Wing A/I ON **-160**

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	4001F 0	4198^ 9	4229^12
26	4063F 1	4277^ 9	4309^12
24	4125F 1	4352F10	4390^13
22	4187F 1	4417F10	4471^13
20	4236F 2	4471F10	4513^14
15	4290F 3	4510^12	4543^15
10	4320F 4	4513^13	4547^16
5	4351F 5	4516^14	4551^18
0	4383F 6	4519^16	4554^19
-5	4408^ 7	4515^17	4551^20
-10	4403^ 8	4512^18	4548^21
-15	4404^ 9	4515^20	4552^23
-20	4402^11	4514^21	4552^24
-25	4398^12	4512^22	4550^26

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

Engine A/I ON **-5340**
Wing A/I ON **-5340**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3720F 5	3920F12	3986F15
26	3783F 5	3984F13	4053F15
24	3847F 6	4051F13	4122F16
22	3912F 6	4121F14	4190F16
20	3966F 7	4178F15	4251F17
15	4024F 8	4245F16	4322F19
10	4051F 9	4276F17	4353F19
5	4078F10	4307F18	4384F20
0	4106F11	4338F19	4417F21
-5	4130F12	4365F20	4445F22
-10	4158F12	4396F21	4475F23
-15	4189F13	4429F22	4509F24
-20	4216F14	4460F22	4513^25
-25	4247F15	4473^24	4516^27

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

Engine A/I ON **-3170**
Wing A/I ON **-3170**

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	7362	Length	11811	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.39
Rwy Rev.		Program						Rules	FAA		**08 Oct 21**

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Engine Failure Procedure

CLIMB AT	*VIA*	*REACHING*	*OR*	*TURN*	*FLAP RETRACT*	*HOLD*
		8362'		**RT H170**	**8362'**	

NOTAMS A3966/22

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
35	89.0	3775^18	3892^20	3932^21	3775D18	3892D20	3932D21	4033
34	89.1	3811^18	3928^21	3969^22	3811D19	3928D21	3969D22	4072
32	89.4	3881^20	4002^22	4043^23	3881D20	4002D22	4043D23	4151
30	89.7	3954^21	4076^23	4118^24	3954D21	4076D23	4118D24	4231
28	89.9	4028^22	4153^24	4195^25	4028D22	4153D24	4195D25	4313
26	90.1	4102^23	4229^25	4272^26	4102D23	4229D25	4272D26	4395
24	90.4	4176^24	4304^26	4348^27	4176D23	4304D27	4348D27	4477
22	90.6	4248^25	4379^27	4424^28	4248D24	4379D28	4424D28	4559
20	90.9	4292^26	4424^28	4469^29	4292D24	4424D28	4469D29	4604
15	90.1	4314^26	4448^28	4493^29	4314D25	4448D29	4493D29	4627
10	89.4	4319^26	4453^29	4500^29	4319D26	4453D29	4500D30	4630
5	88.6	4325^26	4460^29	4506^29	4325D26	4460D29	4506D30	4632
0	87.8	4330^26	4465^29	4512^30	4330D26	4465D29	4512D30	4633
-5	87.0	4327^26	4464^29	4510^30	4327D26	4464D29	4510D30	4629
-10	86.2	4326^26	4463^29	4510^30	4326D26	4463D29	4510D30	4623
-15	85.4	4332^26	4470^29	4517^30	4332D27	4470D29	4517D30	4626

High QNH **+90** per .10" Engine A/I ON **-5020**
Low QNH **-160** per .10" Wing A/I ON **-5020**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
35	92.4	3783^18	3899^20	3939^21	3783D18	3899D21	3939D21	4033
34	92.5	3819^19	3936^21	3977^22	3819D19	3936D21	3977D22	4072
32	92.8	3890^20	4010^22	4051^23	3890D20	4010D22	4051D23	4151
30	93.2	3963^21	4084^23	4126^24	3963D21	4084D23	4126D24	4231
28	93.6	4038^22	4161^24	4204^25	4038D22	4161D24	4204D25	4313
26	94.1	4112^23	4238^25	4281^26	4112D23	4238D26	4281D26	4395
24	94.3	4187^24	4314^27	4358^27	4187D24	4314D27	4358D28	4477
22	94.3	4261^25	4390^28	4435^28	4261D25	4390D28	4435D29	4559
20	94.3	4305^26	4436^28	4481^29	4305D26	4436D28	4481D29	4604
15	93.6	4330^26	4462^29	4508^29	4330D27	4462D29	4508D30	4627
10	92.8	4335^26	4468^29	4513^30	4335D27	4468D29	4513D30	4630
5	92.0	4341^26	4473^29	4519^30	4341D27	4473D29	4519D30	4632
0	91.1	4344^27	4478^29	4525^30	4344D27	4478D29	4525D30	4633
-5	90.3	4342^26	4476^29	4523^30	4342D27	4476D29	4523D30	4629
-10	89.4	4341^26	4476^29	4522^30	4341D27	4476D29	4522D30	4623
-15	88.6	4345^27	4482^29	4529^30	4345D27	4482D29	4529D30	4626

High QNH **+90** per .10" Engine A/I ON **-5090**
Low QNH **-160** per .10" Wing A/I ON **-5090**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
35	92.4	3834^24-24-33	3951^27-27-35	3992^28-28-36	4033^28-28-37
34	92.5	3869^25-25-34	3989^27-27-36	4029^28-28-37	4070^29-29-37
32	92.8	3941^26-26-35	4062^28-28-37	4103^29-29-38	4146^30-30-39
30	93.2	4014^27-27-36	4136^30-30-38	4178^30-30-39	4221^31-31-40
28	93.6	4088^28-28-38	4213^31-31-40	4256^32-32-40	4299^32-32-41
26	94.1	4162^30-30-39	4289^32-32-41	4332^33-33-42	4377^34-34-42
24	94.3	4236^31-31-40	4366^33-33-42	4410^34-34-43	4455^35-35-43
22	94.3	4311^32-32-41	4442^34-34-43	4487^35-35-44	4533^36-36-45
20	94.3	4357^32-32-42	4489^35-35-44	4534^36-36-45	4581^37-37-45
15	93.6	4383^33-33-42	4517^35-35-44	4562^36-36-45	4609^37-37-46
10	92.8	4389^33-33-42	4524^35-35-45	4569^36-36-45	4616^37-37-46
5	92.0	4395^33-33-43	4530^36-36-45	4576^36-36-45	4623^37-37-46
0	91.1	4399^33-33-43	4535^36-36-45	4583^37-37-45	4629^37-37-46
-5	90.3	4399^33-33-43	4535^36-36-45	4583^37-37-45	4630^37-37-46
-10	89.4	4397^33-33-43	4534^36-36-45	4581^37-37-45	4630^37-37-46
-15	88.6	4403^33-33-43	4541^36-36-45	4589^37-37-46	4637^37-37-46

High QNH **+90** per .10" Engine A/I ON **-5040**
Low QNH **-160** per .10" Wing A/I ON **-5040**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 7362 Length 11811 Shift **0** Clearway 0 Stopway 0 Slope +0.39
Rwy Rev. Program Rules FAA **23 Jun 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
35	3783^18	3899^20	3939^21
34	3819^19	3936^21	3977^22
32	3890^20	4010^22	4051^23
30	3963^21	4084^23	4126^24
28	4038^22	4161^24	4204^25
26	4112^23	4238^25	4281^26
24	4187^24	4314^27	4358^27
22	4261^25	4390^28	4435^28
20	4305^26	4436^28	4481^29
15	4330^26	4462^29	4508^29
10	4335^26	4468^29	4513^30
5	4341^26	4473^29	4519^30
0	4344^27	4478^29	4525^30
-5	4342^26	4476^29	4523^30

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

Engine A/I ON **-5090**
Wing A/I ON **-5090**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
35	3778^18	3895^20	3935^21
34	3814^19	3931^21	3972^22
32	3886^20	4005^22	4046^23
30	3959^21	4080^23	4122^24
28	4034^22	4157^24	4199^25
26	4110^23	4234^25	4277^26
24	4184^24	4311^26	4354^27
22	4258^25	4387^28	4432^28
20	4303^26	4433^28	4478^29
15	4328^26	4460^29	4504^29
10	3838^19	3958^21	3999^22
5	4060^22	4186^25	4230^25
0	4262^25	4395^28	4441^29
-5	4278^26	4411^28	4456^29

High QNH **+90** per .10"
Low QNH **-230** per .10"

Engine A/I ON **-70**
Wing A/I ON **-70**

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
35	3783D18	3899D21	3939D21
34	3819D19	3936D21	3977D22
32	3890D20	4010D22	4051D23
30	3963D21	4084D23	4126D24
28	4038D22	4161D24	4204D25
26	4112D23	4238D26	4281D26
24	4187D24	4314D27	4358D28
22	4261D25	4390D28	4435D29
20	4305D26	4436D28	4481D29
15	4330D27	4462D29	4508D30
10	4335D27	4468D29	4513D30
5	4341D27	4473D29	4519D30
0	4344D27	4478D29	4525D30
-5	4342D27	4476D29	4523D30

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

Engine A/I ON **-5090**
Wing A/I ON **-5090**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
35	3778D18	3895D20	3935D21
34	3814D19	3931D21	3972D22
32	3886D20	4005D22	4046D23
30	3959D21	4080D23	4122D24
28	4034D22	4157D24	4199D25
26	4110D23	4234D26	4277D26
24	4184D24	4311D27	4354D27
22	4258D25	4387D28	4432D29
20	4303D26	4433D28	4478D29
15	4328D26	4460D29	4504D30
10	3838D19	3958D21	3999D22
5	4060D23	4186D25	4230D26
0	4262D26	4395D28	4441D29
-5	4278D26	4411D28	4456D29

High QNH **+90** per .10"
Low QNH **-230** per .10"

Engine A/I ON **-70**
Wing A/I ON **-70**

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	3925^ 3	4090^11	4140^14
26	3986^ 3	4163^12	4213^15
24	4048^ 4	4229^12	4282^15
22	4110^ 4	4295^13	4350^16
20	4161F 4	4346^13	4402^16
15	4209^ 6	4386^15	4439^18
10	4236^ 7	4397^16	4450^19
5	4251^ 8	4407^17	4462^20
0	4260^ 9	4417^18	4471^21
-5	4263^10	4421^19	4476^22
-10	4267^11	4426^21	4481^24
-15	4276^12	4437^22	4493^25
-20	4283^14	4446^23	4501^26
-25	4289^15	4452^24	4509^28

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

Engine A/I ON **-4590**
Wing A/I ON **-4590**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3657F 6	3860F14	3925F16
26	3718F 7	3923F14	3991F17
24	3781F 7	3987F15	4059F17
22	3845F 8	4055F15	4128F18
20	3898F 8	4113F16	4186^18
15	3958F10	4182F18	4253^20
10	3984F11	4209^18	4282^21
5	4012F12	4239^19	4310^22
0	4040F12	4268^20	4341^23
-5	4064F13	4294^21	4366^24
-10	4091F14	4321^22	4393^25
-15	4122F15	4353^23	4424^26
-20	4149F16	4380^24	4442^27
-25	4180F17	4393^25	4457^28

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

Engine A/I ON **-2930**
Wing A/I ON **-2930**

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 7362 Length 11811 Shift **0** Clearway 0 Stopway 0 Slope +0.39
Rwy Rev. Program Rules FAA **23 Jun 22**

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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	3943^19	4081^21	4114^22
46	87.7	4021F20	4165^23	4200^23
44	87.7	4071F20	4221^23	4258^24
42	87.6	4099F21	4251^24	4289^24
40	87.4	4121F21	4274^24	4312^25
38	87.1	4130F21	4281^24	4319^25
36	86.8	4139F22	4288^24	4325^25
34	86.6	4149F22	4295^24	4332^25
32	86.3	4158F22	4303^25	4339^25
30	86.0	4166F22	4309^25	4345^25
20	84.6	4203^23	4345^25	4377^26
10	83.1	4240^23	4373^26	4402^26
0	81.6	4285^24	4409^26	4436^27
-10	80.1	4324^25	4439^27	4462^27
-20	78.6	4360^26	4465^28	4485^28
-30	77.0	4395^26	4489^28	4512^28

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	87.6	3930F11	4081D21	4114D23	4673
46	87.7	3997F12	4165D21	4200D24	4790
44	87.7	4044F12	4221D22	4258D25	4869
42	87.6	4071F12	4251D22	4289D25	4942
40	87.4	4093F13	4274D23	4312D25	4958
38	87.1	4105F13	4281D23	4319D26	4960
36	86.8	4116F13	4288D23	4325D26	4962
34	86.6	4127F14	4295D24	4332D26	4964
32	86.3	4138F14	4303D24	4339D26	4966
30	86.0	4149F14	4309D24	4345D26	4968
20	84.6	4197^16	4345D26	4377D26	4976
10	83.1	4240D18	4373D26	4402D27	4971
0	81.6	4285D20	4409D27	4436D27	4983
-10	80.1	4324D22	4439D27	4462D28	4986
-20	78.6	4360D24	4465D28	4485D29	4984
-30	77.0	4395D26	4489D29	4512D29	4981

High QNH **+20** per .10" Engine A/I ON **-610**
Low QNH **-150** per .10" Wing A/I ON **-610**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	90.8	4003^20	4116^22	4140^23
46	91.0	4082^21	4204^23	4230^24
44	90.9	4142^22	4265^24	4293^25
42	90.8	4181^22	4302^25	4329^25
40	90.6	4205^23	4326^25	4353^26
38	90.3	4216^23	4334^25	4360^26
36	90.0	4223^23	4341^25	4365^26
34	89.7	4231^23	4347^25	4371^26
32	89.4	4238^23	4352^26	4377^26
30	89.2	4247^24	4359^26	4382^26
20	87.6	4285^24	4390^26	4411^27
10	86.1	4317^25	4412^27	4431^27
0	84.6	4356^26	4443^27	4460^27
-10	83.0	4391^26	4469^28	4493^28
-20	81.4	4421^27	4491^28	4530^29
-30	79.8	4449^27	4524^29	4564^29

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
48	90.8	3984^13	4116D23	4140D23	4673
46	91.0	4057^13	4204D23	4230D24	4790
44	90.9	4113^14	4265D24	4293D25	4869
42	90.8	4151^15	4302D25	4329D26	4942
40	90.6	4175^15	4326D25	4353D26	4958
38	90.3	4188^15	4334D26	4360D26	4960
36	90.0	4198^16	4341D26	4365D26	4962
34	89.7	4208^16	4347D26	4371D26	4964
32	89.4	4218^16	4352D26	4377D26	4966
30	89.2	4227^17	4359D26	4382D26	4968
20	87.6	4277^19	4390D27	4411D27	4976
10	86.1	4317D21	4412D27	4431D28	4971
0	84.6	4356D22	4443D28	4460D28	4983
-10	83.0	4391D25	4469D28	4493D29	4986
-20	81.4	4421D27	4491D29	4530D30	4984
-30	79.8	4449D28	4524D29	4564D30	4981

High QNH **+20** per .10" Engine A/I ON **-650**
Low QNH **-150** per .10" Wing A/I ON **-650**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
48	90.8	4003^20-20-31	4116^22-22-33	4140^23-23-33	4159^23-23-33
46	91.0	4082^21-21-32	4204^23-23-34	4230^24-24-34	4252^24-24-35
44	90.9	4142^22-22-33	4265^24-24-35	4293^25-25-35	4314^25-25-36
42	90.8	4181^22-22-34	4302^25-25-36	4329^25-25-36	4349^26-26-36
40	90.6	4205^23-23-34	4326^25-25-36	4353^26-26-36	4374^26-26-37
38	90.3	4216^23-23-34	4334^25-25-36	4360^26-26-36	4380^26-26-37
36	90.0	4223^23-23-34	4341^25-25-36	4365^26-26-37	4384^26-26-37
34	89.7	4231^23-23-34	4347^25-25-36	4371^26-26-37	4390^26-26-37
32	89.4	4238^23-23-35	4352^26-26-36	4377^26-26-37	4396^26-26-37
30	89.2	4247^24-24-35	4359^26-26-36	4382^26-26-37	4401^26-26-37
20	87.6	4285^24-24-35	4390^26-26-37	4411^27-27-37	4427^27-27-37
10	86.1	4317^25-25-36	4412^27-27-37	4431^27-27-37	4452^27-27-38
0	84.6	4356^26-26-36	4443^27-27-38	4460^27-27-38	4497^28-28-38
-10	83.0	4391^26-26-37	4469^28-28-38	4493^28-28-38	4537^29-29-39
-20	81.4	4421^27-27-37	4491^28-28-38	4530^29-29-39	4573^29-29-40
-30	79.8	4449^27-27-38	4524^29-29-39	4564^29-29-39	4608^30-30-40

High QNH **+20** per .10" Engine A/I ON **-650**
Low QNH **-150** per .10" Wing A/I ON **-650**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	294	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	+1.70
Rwy Rev.		Program						Rules	FAA		**04 Jun 19**

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PUERTO ESCONDIDO -PXM 09 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4003^20	4116^22	4140^23
46	4082^21	4204^23	4230^24
44	4142^22	4265^24	4293^25
42	4181^22	4302^25	4329^25
40	4205^23	4326^25	4353^26
38	4216^23	4334^25	4360^26
36	4223^23	4341^25	4365^26
34	4231^23	4347^25	4371^26
32	4238^23	4352^26	4377^26
30	4247^24	4359^26	4382^26
20	4285^24	4390^26	4411^27
10	4317^25	4412^27	4431^27
0	4356^26	4443^27	4460^27
-10	4391^26	4469^28	4493^28

High QNH **+20** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-650**
Wing A/I ON **-650**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3995^20	4110^22	4135^22
4075^21	4198^23	4225^24
4134^22	4259^24	4287^25
4173^22	4297^25	4324^25
4198^23	4321^25	4348^25
4209^23	4329^25	4355^26
4217^23	4335^25	4361^26
4224^23	4342^25	4367^26
4232^23	4348^25	4372^26
4239^23	4354^26	4379^26
4279^24	4385^26	4407^27
4264^24	4351^26	4368^26
4303^25	4382^26	4400^27
4333^25	4404^27	4436^27

High QNH **+20** per .10"
Low QNH **-150** per .10"

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

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
48	3984^13	4116D23	4140D23
46	4057^13	4204D23	4230D24
44	4113^14	4265D24	4293D25
42	4151^15	4302D25	4329D26
40	4175^15	4326D25	4353D26
38	4188^15	4334D26	4360D26
36	4198^16	4341D26	4365D26
34	4208^16	4347D26	4371D26
32	4218^16	4352D26	4377D26
30	4227^17	4359D26	4382D26
20	4277^19	4390D27	4411D27
10	4317D21	4412D27	4431D28
0	4356D22	4443D28	4460D28
-10	4391D25	4469D28	4493D29

High QNH **+20** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-650**
Wing A/I ON **-650**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3977^13	4110D23	4135D23
4050^13	4198D23	4225D24
4106^14	4259D24	4287D25
4144^14	4297D24	4324D26
4168^15	4321D25	4348D26
4182^15	4329D25	4355D26
4192^16	4335D26	4361D26
4202^16	4342D26	4367D26
4211^16	4348D26	4372D26
4222^17	4354D26	4379D26
4272^18	4385D27	4407D27
4264D21	4351D26	4368D27
4303D23	4382D27	4400D28
4333D25	4404D27	4436D28

High QNH **+20** per .10"
Low QNH **-150** per .10"

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

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		4068^ 6	4147^ 9
26		4078^ 6	4157^10
24		4088^ 7	4167^10
22		4099^ 7	4176^10
20		4109^ 7	4186^11
18		4118^ 8	4192D11
16		4126^ 8	4194D11
14		4135^ 8	4196D12
12	3928^99	4143^ 9	4199D12
10	3939^99	4152^ 9	4201D13
0	3997^ 1	4188D11	4224D14
-10	4027^ 2	4194D14	4239D14
-20		4197D14	4244D14
-30	4059^ 7	4198D14	4244D14

High QNH **+0** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-690**
Wing A/I ON **-690**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
3406F 2	3680F11	3781F14
3417F 2	3692F11	3794F14
3425F 3	3704F12	3806F14
3435F 3	3715F12	3820F15
3445F 3	3728F12	3833F15
3455F 3	3739F13	3845F15
3464F 4	3750F13	3858^16
3472F 4	3763F13	3870^16
3482F 4	3774F14	3877F16
3493F 5	3787F14	3901F17
3548F 6	3856F16	3983F18
3601F 8	3932F17	4067F20
3660F10	4014F19	4144F22
3720F12	4101F21	

High QNH **+50** per .10"
Low QNH **-380** per .10"

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

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		**04 Jun 19**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1294'		DT H270	1294'	

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	4331F26	4605^31	4638^32	4250F 8	4551F18	4634^21	4673
46	87.7	4399F27	4696F32	4751^33	4318F 8	4626F18	4733F22	4790
44	87.7	4448F28	4749F33	4847^34	4367F 9	4679F19	4788F22	4869
42	87.6	4479F28	4781F33	4887F35	4397F 9	4712F19	4821F22	4942
40	87.4	4502F28	4806F34	4912F35	4421F 9	4738F19	4847F23	4958
38	87.1	4515F28	4821F34	4927F36	4435F10	4751F20	4861F23	4960
36	86.8	4528F29	4835F34	4942F36	4448F10	4765F20	4876F23	4962
34	86.6	4541F29	4849F34	4950^36	4461F10	4779F21	4890F24	4964
32	86.3	4554F29	4864F35	4951^36	4473F11	4794F21	4905F24	4966
30	86.0	4568F29	4879F35	4952^36	4487F11	4808F21	4920F24	4968
20	84.6	4637F31	4921^35	4957^36	4557F13	4883F23	4954^27	4976
10	83.1	4709F32	4913^35	4951^36	4621F15	4910^25	4950^29	4971
0	81.6	4783F33	4917^35	4956^36	4695F16	4916^27	4956D31	4983
-10	80.1	4794^33	4915^35	4954^36	4768F18	4915D30	4954D34	4986
-20	78.6	4782^33	4907^35	4948^36	4777^21	4907D33	4948D36	4984
-30	77.0	4768^33	4896^35	4939^36	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**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4460F28	4615^31	4647^32	4312F 9	4608^19	4643^23	4673
46	91.0	4536F29	4728^33	4760^33	4386F 9	4700F19	4756^23	4790
44	90.9	4599F30	4825^34	4858^35	4442F10	4761F20	4851^23	4869
42	90.8	4650F31	4897^35	4931^36	4483F10	4807F21	4921F24	4942
40	90.6	4677F31	4918^35	4952^36	4508F11	4835F21	4945^24	4958
38	90.3	4697F32	4927^36	4960C36	4526F11	4854F22	4954^25	4960
36	90.0	4711F32	4928^36	4962^36	4540F11	4869F22	4956^25	4962
34	89.7	4725F32	4929^36	4964^36	4553F12	4883F22	4958^26	4964
32	89.4	4738F32	4930^36	4965^36	4566F12	4898F23	4960^26	4966
30	89.2	4750F33	4931^36	4966^36	4580F12	4914F23	4961^27	4968
20	87.6	4814F34	4935^36	4971^36	4648F14	4929^25	4969^29	4976
10	86.1	4816^34	4927^36	4964^36	4717F16	4924^27	4964D31	4971
0	84.6	4816^34	4931^36	4968^36	4794F18	4931D30	4968D34	4983
-10	83.0	4809^34	4928^36	4967^36	4802^20	4928D32	4967D36	4986
-20	81.4	4797^33	4919^35	4960^36	4792^23	4919D35	4960D36	4984
-30	79.8	4783^33	4908^35	4951^36	4782^26	4908D35	4951D36	4981

High QNH **+0** per .10" Engine A/I ON **-860**
Low QNH **-170** per .10" Wing A/I ON **-860**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4460F28-28-38	4615^31-31-40	4647^32-32-41	4708C39-39-47
46	91.0	4536F29-29-39	4728^33-33-42	4760^33-33-42	4817F40-40-49
44	90.9	4599F30-30-40	4825^34-34-43	4858^35-35-44	4883F41-41-50
42	90.8	4650F31-31-41	4897^35-35-44	4931^36-36-45	4942C36-36-45
40	90.6	4677F31-31-41	4918^35-35-45	4952^36-36-45	4967F42-42-51
38	90.3	4697F32-32-41	4927^36-36-45	4960C36-36-45	4975C42-42-51
36	90.0	4711F32-32-42	4928^36-36-45	4962^36-36-45	4976C42-42-51
34	89.7	4725F32-32-42	4929^36-36-45	4964^36-36-45	4978C42-42-51
32	89.4	4738F32-32-42	4930^36-36-45	4965^36-36-45	4980C42-42-51
30	89.2	4750F33-33-42	4931^36-36-45	4966^36-36-45	4981C42-42-51
20	87.6	4814F34-34-43	4935^36-36-45	4991C43-43-52	4991C43-43-52
10	86.1	4816^34-34-43	4986C42-42-51	4986C42-42-51	4986C42-42-51
0	84.6	4816^34-34-43	4997C43-43-52	4997C43-43-52	4997C43-43-52
-10	83.0	4834F40-40-49	5002C43-43-52	5002C43-43-52	5002C43-43-52
-20	81.4	4901F41-41-50	4999C43-43-52	4999C43-43-52	4999C43-43-52
-30	79.8	4933^42-42-51	4996C43-43-52	4996C43-43-52	4996C43-43-52

High QNH **+0** per .10" Engine A/I ON **-890**
Low QNH **-170** per .10" Wing A/I ON **-890**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	294	Length	7546	Shift	**0**	Clearway	0	Stopway	0	Slope	-1.70
Rwy Rev.		Program						Rules	FAA		**04 Jun 19**

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PUERTO ESCONDIDO -PXM 27 *DT H270*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4460F28	4615^31	4647^32
46	4536F29	4728^33	4760^33
44	4599F30	4825^34	4858^35
42	4650F31	4897^35	4931^36
40	4677F31	4918^35	4952^36
38	4697F32	4927^36	4960C36
36	4711F32	4928^36	4962^36
34	4725F32	4929^36	4964^36
32	4738F32	4930^36	4965^36
30	4750F33	4931^36	4966^36
20	4814F34	4935^36	4971^36
10	4816^34	4927^36	4964^36
0	4816^34	4931^36	4968^36
-10	4809^34	4928^36	4967^36

High QNH	**+0**	per .10"	
Low QNH	**-170**	per .10"	
Engine A/I ON	**-860**		
Wing A/I ON	**-860**		

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4450F28	4609^31	4641^32
46	4525F29	4722^33	4755^33
44	4587F30	4819^34	4852^35
42	4638F31	4892^35	4926^36
40	4666F31	4914^35	4948^36
38	4686F31	4923^36	4957^36
36	4700F32	4925^36	4959^36
34	4715F32	4925^36	4960^36
32	4727F32	4926^36	4961^36
30	4739F32	4927^36	4962^36
20	4803F33	4931^36	4966^36
10	4732^33	4842^34	4880^35
0	4730^32	4843^34	4882^35
-10	4723^32	4840^34	4879^35

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	4312F 9	4608^19	4643^23
46	4386F 9	4700F19	4756^23
44	4442F10	4761F20	4851^23
42	4483F10	4807F21	4921F24
40	4508F11	4835F21	4945^24
38	4526F11	4854F22	4954^25
36	4540F11	4869F22	4956^25
34	4553F12	4883F22	4958^26
32	4566F12	4898F23	4960^26
30	4580F12	4914F23	4961^27
20	4648F14	4929^25	4969^29
10	4717F16	4924^27	4964D31
0	4794F18	4931D30	4968D34
-10	4802^20	4928D32	4967D36

High QNH	**+0**	per .10"	
Low QNH	**-160**	per .10"	
Engine A/I ON	**-860**		
Wing A/I ON	**-860**		

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4308F 9	4603^19	4638^23
46	4379F 9	4692F19	4750^23
44	4435F10	4753F20	4846^23
42	4476F10	4798F21	4912F24
40	4503F10	4827F21	4939F24
38	4519F11	4846F21	4950^25
36	4533F11	4861F22	4952^25
34	4547F12	4876F22	4954^26
32	4560F12	4891F22	4956^26
30	4573F12	4906F23	4957^26
20	4641F14	4925^25	4964^29
10	4676F16	4841^28	4880D31
0	4721^18	4843D30	4882D34
-10	4717^21	4840D33	4879D35

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		3651F98	4328F 0
26		3832F98	4341F 0
24		4035F98	4355F 1
22		4230F98	4369F 1
20		4277F98	4383F 2
18		4291F99	4396F 2
16		4303F99	4410F 2
14		4315F99	4423F 3
12		4329F 0	4437F 3
10		4343F 0	4451F 3
0		4418F 2	4529F 5
-10		4492F 4	4603F 8
-20		4569F 6	4679F10
-30		4642F 9	4756F12

High QNH	**+60**	per .10"	
Low QNH	**-1010**	per .10"	
Engine A/I ON	**-440**		
Wing A/I ON	**-440**		

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3391F93	3927F 2	4064F 5
26	3412F94	3944F 2	4079F 5
24	3437F94	3959F 2	4094F 5
22	3461F94	3976F 3	4109F 6
20	3485F94	3993F 3	4124F 6
18	3510F95	4008F 3	4138F 6
16	3535F95	4021F 4	4154F 7
14	3563F95	4035F 4	4169F 7
12	3578F95	4050F 4	4184F 7
10	3597F96	4064F 5	4200F 8
0	3679F97	4146F 6	4245^10
-10	3771F99	4192^ 8	4265^12
-20	3883F 0	4208^11	4284^14
-30	3966F 2	4223^13	4277^15

High QNH	**+20**	per .10"	
Low QNH	**-80**	per .10"	
Engine A/I ON	**-640**		
Wing A/I ON	**-640**		

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		**04 Jun 19**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1088'		DT H183	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
49	87.6	4319F26	4499^29	4555^30	4245F14	4493^23	4555D26	4652
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
28	85.5	4586F30	4784^33	4843^34	4514F17	4778^27	4843D30	4970
26	85.2	4598F30	4793^33	4853^34	4527F18	4790^28	4853D31	4971
24	84.9	4610F30	4802^33	4862^34	4540F18	4801^28	4862D31	4973
22	84.7	4623F30	4811^34	4871^35	4553F18	4811D28	4871D32	4975
10	82.9	4690^32	4861^34	4922^35	4632F21	4861D31	4922D34	4972

High QNH **+60** per .10" Engine A/I ON **-560**
Low QNH **-170** per .10" Wing A/I ON **-560**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4402^27	4557^30	4610^31	4318F15	4550^25	4610D28	4652
48	90.8	4448^28	4604^31	4659^32	4355F15	4594^25	4659D28	4712
46	90.9	4538^29	4700^32	4756^33	4429F16	4682^26	4756D29	4830
44	90.8	4599^30	4763^33	4820^34	4485F16	4742^26	4820D29	4893
42	90.6	4634^31	4798^33	4855^34	4521F17	4778^27	4855D30	4946
40	90.3	4651^31	4815^34	4873^35	4540F17	4796^27	4873D31	4959
38	90.0	4661^31	4825^34	4882^35	4554F18	4808^28	4882D31	4961
36	89.7	4668^31	4833^34	4891^35	4567F18	4819^28	4891D31	4962
34	89.5	4676^31	4842^34	4899^35	4580F18	4830^28	4899D32	4964
32	89.2	4685^31	4851^34	4908^35	4594F19	4841^29	4908D32	4966
30	88.9	4694^32	4860^34	4917^35	4606F19	4853^29	4917D32	4968
28	88.6	4703^32	4869^35	4926^36	4620F19	4864^30	4926D33	4970
26	88.3	4711^32	4878^35	4935^36	4634F20	4876^30	4935D33	4971
24	88.0	4720^32	4886^35	4944^36	4648F20	4886D30	4944D34	4973
22	87.7	4729^32	4895^35	4954^36	4662F20	4895D31	4954D34	4975
10	85.9	4775^33	4910^35	4948^36	4723^23	4910D33	4948D36	4972

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4402^27-27-37	4557^30-30-39	4610^31-31-40	4643^32-32-41
48	90.8	4448^28-28-38	4604^31-31-40	4659^32-32-41	4701^33-33-41
46	90.9	4538^29-29-39	4700^32-32-41	4756^33-33-42	4813^34-34-43
44	90.8	4599^30-30-40	4763^33-33-42	4820^34-34-43	4878^35-35-44
42	90.6	4634^31-31-40	4798^33-33-43	4855^34-34-44	4913^35-35-45
40	90.3	4651^31-31-41	4815^34-34-43	4873^35-35-44	4931^36-36-45
38	90.0	4661^31-31-41	4825^34-34-43	4882^35-35-44	4940^36-36-45
36	89.7	4668^31-31-41	4833^34-34-43	4891^35-35-44	4949^36-36-45
34	89.5	4676^31-31-41	4842^34-34-43	4899^35-35-44	4957^36-36-45
32	89.2	4685^31-31-41	4851^34-34-44	4908^35-35-44	4966^36-36-45
30	88.9	4694^32-32-41	4860^34-34-44	4917^35-35-45	4968C36-36-45
28	88.6	4703^32-32-41	4869^35-35-44	4926^36-36-45	4970C36-36-45
26	88.3	4711^32-32-42	4878^35-35-44	4935^36-36-45	4971C36-36-45
24	88.0	4720^32-32-42	4886^35-35-44	4944^36-36-45	4973C36-36-45
22	87.7	4729^32-32-42	4895^35-35-44	4954^36-36-45	4975C36-36-45
10	85.9	4775^33-33-43	4910^35-35-44	4948^36-36-45	4986C42-42-51

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

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	88	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.05
Rwy Rev.		Program						Rules	FAA		**09 Nov 21**

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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	4604^31	4659^32	4440^28	4597^31	4651^32			
46	4538^29	4700^32	4756^33	4531F29	4691^32	4748^33			
44	4599^30	4763^33	4820^34	4592F30	4755^33	4811^34			
42	4634^31	4798^33	4855^34	4626^31	4790^33	4847^34			
40	4651^31	4815^34	4873^35	4643^31	4807^34	4865^35			
38	4661^31	4825^34	4882^35	4652^31	4817^34	4875^35			
36	4668^31	4833^34	4891^35	4661^31	4826^34	4883^35			
34	4676^31	4842^34	4899^35	4669^31	4835^34	4892^35			
32	4685^31	4851^34	4908^35	4678^31	4844^34	4901^35			
30	4694^32	4860^34	4917^35	4686^32	4852^34	4910^35			
28	4703^32	4869^35	4926^36	4696^32	4862^34	4919^35			
26	4711^32	4878^35	4935^36	4704^32	4870^35	4927^36			
24	4720^32	4886^35	4944^36	4713^32	4879^35	4936^36			
10	4775^33	4910^35	4948^36	4714^32	4825^34	4863^35			
	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 -840 Wing A/I ON -840			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	4355F15	4594^25	4659D28	4347F15	4587^25	4651D28			
46	4429F16	4682^26	4756D29	4421F16	4674^25	4748D29			
44	4485F16	4742^26	4820D29	4476F16	4734^26	4811D29			
42	4521F17	4778^27	4855D30	4513F17	4769^27	4847D30			
40	4540F17	4796^27	4873D31	4532F17	4788^27	4865D30			
38	4554F18	4808^28	4882D31	4546F18	4800^28	4875D31			
36	4567F18	4819^28	4891D31	4559F18	4812^28	4883D31			
34	4580F18	4830^28	4899D32	4573F18	4823^28	4892D32			
32	4594F19	4841^29	4908D32	4586F19	4834^29	4901D32			
30	4606F19	4853^29	4917D32	4598F19	4846^29	4910D32			
28	4620F19	4864^30	4926D33	4612F19	4857^29	4919D33			
26	4634F20	4876^30	4935D33	4626F20	4869^30	4927D33			
24	4648F20	4886D30	4944D34	4640F20	4879D30	4936D34			
10	4723^23	4910D33	4948D36	4672^23	4825D34	4863D35			
	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 -840 Wing A/I ON -840			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	3736F98	4269F 7	4364F10	3564F 2	3982F10	4144F13			
26	3852F98	4282F 7	4377F11	3576F 2	4001F11	4165F13			
24	3973F98	4294F 8	4390F11	3588F 3	4019F11	4186F13			
22	4041F98	4306F 8	4403F11	3598F 3	4038F11	4201F14			
20	4052F98	4319F 8	4416F12	3610F 3	4056F11	4220F14			
15	4078F99	4349F 9	4448F13	3637F 4	4104F12	4273F15			
10	4104F 0	4380F10	4479F14	3673F 5	4150F13	4280^15			
5	4134F 1	4414F11	4516F15	3712F 6	4202F14	4283^15			
0	4163F 2	4450F12	4553F16	3753F 6	4242^14	4285^15			
-5	4194F 3	4485F13	4590F17	3796F 7	4241^14	4286^15			
-10	4222F 4	4517F14	4626F18	3843F 8	4238^14	4283^15			
-15	4250F 5	4553F16	4663F19	3892F 9	4233^14	4280^15			
-20	4282F 6	4590F17	4702F20	3933F 9	4230^14	4277^15			
-25	4314F 7	4628F18	4741F21	3977F10	4226^14	4273^15			
	High QNH +80 per .10" Low QNH -60 per .10"			High QNH +10 per .10" Low QNH -90 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -470 Wing A/I ON -470			Engine A/I ON -740 Wing A/I ON -740			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		09 Nov 21

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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
49	87.6	4306F26	4552F30	4599^31	4235F14	4526F23	4599^26	4652
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
28	85.5	4573F29	4838F34	4930F36	4503F18	4814F27	4921F30	4970
26	85.2	4585F30	4851F34	4935^36	4516F18	4829F27	4933^30	4971
24	84.9	4597F30	4864F35	4936^36	4529F18	4843F28	4935^31	4973
22	84.7	4609F30	4874F35	4937^36	4542F19	4858F28	4937^31	4975
10	82.9	4679F31	4894^35	4932^36	4620F21	4894^31	4932D34	4972

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

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4404F27	4577^31	4609^31	4308F15	4574^25	4609D28	4652
48	90.8	4445F28	4635^31	4668^32	4345F15	4632^25	4668D28	4712
46	90.9	4527F29	4749^33	4782^33	4419F16	4728F25	4781^29	4830
44	90.8	4590F30	4837^34	4871^35	4475F16	4788F26	4868^29	4893
42	90.6	4633F31	4893F35	4930^36	4512F17	4830F27	4927^30	4946
40	90.3	4651F31	4906^35	4940^36	4530F17	4850F27	4937^30	4959
38	90.0	4664F31	4909^35	4943^36	4545F18	4866F27	4941^31	4961
36	89.7	4674F31	4910^35	4945^36	4557F18	4880F28	4944^31	4962
34	89.5	4686F32	4911^35	4946^36	4571F18	4894F28	4945^32	4964
32	89.2	4697F32	4913^35	4948^36	4584F19	4908^28	4947^32	4966
30	88.9	4709F32	4913^35	4949^36	4598F19	4909^29	4949D32	4968
28	88.6	4720F32	4914^35	4950^36	4609F19	4911^29	4950D33	4970
26	88.3	4732F32	4915^35	4951^36	4623F20	4913^30	4951D33	4971
24	88.0	4744F32	4916^35	4952^36	4637F20	4915^30	4952D34	4973
22	87.7	4756F33	4917^35	4953^36	4651F21	4916^31	4953D34	4975
10	85.9	4797^33	4909^35	4947^36	4733F23	4909D34	4947D36	4972

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4404F27-27-37	4577^31-31-40	4609^31-31-40	4657F38-38-46
48	90.8	4445F28-28-38	4635^31-31-41	4668^32-32-41	4700^33-33-41
46	90.9	4527F29-29-39	4749^33-33-42	4782^33-33-43	4815^34-34-43
44	90.8	4590F30-30-40	4837^34-34-43	4871^35-35-44	4893C35-35-44
42	90.6	4633F31-31-40	4893F35-35-44	4930^36-36-45	4946C36-36-45
40	90.3	4651F31-31-41	4906^35-35-44	4940^36-36-45	4959C36-36-45
38	90.0	4664F31-31-41	4909^35-35-44	4943^36-36-45	4961C36-36-45
36	89.7	4674F31-31-41	4910^35-35-44	4945^36-36-45	4962C36-36-45
34	89.5	4686F32-32-41	4911^35-35-44	4946^36-36-45	4964C36-36-45
32	89.2	4697F32-32-41	4913^35-35-45	4948^36-36-45	4967F42-42-51
30	88.9	4709F32-32-42	4913^35-35-45	4949^36-36-45	4981F42-42-51
28	88.6	4720F32-32-42	4914^35-35-45	4950^36-36-45	4983C42-42-51
26	88.3	4732F32-32-42	4915^35-35-45	4951^36-36-45	4984C42-42-51
24	88.0	4744F32-32-42	4916^35-35-45	4952^36-36-45	4986C42-42-51
22	87.7	4756F33-33-42	4917^35-35-45	4953^36-36-45	4989C43-43-51
10	85.9	4797^33-33-43	4927F41-41-51	4986C42-42-51	4986C42-42-51

High QNH **+0** per .10" Engine A/I ON **-450**
Low QNH **-170** per .10" Wing A/I ON **-450**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	88	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.05
Rwy Rev.		Program						Rules	FAA		**09 Nov 21**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4445F28	4635^31	4668^32
46	4527F29	4749^33	4782^33
44	4590F30	4837^34	4871^35
42	4633F31	4893F35	4930^36
40	4651F31	4906^35	4940^36
38	4664F31	4909^35	4943^36
36	4674F31	4910^35	4945^36
34	4686F32	4911^35	4946^36
32	4697F32	4913^35	4948^36
30	4709F32	4913^35	4949^36
28	4720F32	4914^35	4950^36
26	4732F32	4915^35	4951^36
24	4744F32	4916^35	4952^36
10	4797^33	4909^35	4947^36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4435F28	4629^31	4662^32
46	4518F29	4743^33	4776^33
44	4578F30	4832^34	4866^35
42	4622F30	4881F35	4925^36
40	4640F31	4900F35	4936^36
38	4653F31	4905^35	4939^36
36	4664F31	4907^35	4941^36
34	4675F31	4907^35	4942^36
32	4687F32	4908^35	4943^36
30	4698F32	4909^35	4944^36
28	4710F32	4910^35	4946^36
26	4722F32	4910^35	4947^36
24	4734F32	4911^35	4948^36
10	4713^32	4824^34	4862^35

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	4345F15	4632^25	4668D28
46	4419F16	4728F25	4781^29
44	4475F16	4788F26	4868^29
42	4512F17	4830F27	4927^30
40	4530F17	4850F27	4937^30
38	4545F18	4866F27	4941^31
36	4557F18	4880F28	4944^31
34	4571F18	4894F28	4945^32
32	4584F19	4908^28	4947^32
30	4598F19	4909^29	4949D32
28	4609F19	4911^29	4950D33
26	4623F20	4913^30	4951D33
24	4637F20	4915^30	4952D34
10	4733F23	4909D34	4947D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4338F15	4626^25	4662D28
46	4411F16	4719F25	4775^28
44	4467F16	4779F26	4863^29
42	4503F17	4820F27	4921^30
40	4522F17	4841F27	4933^30
38	4537F18	4856F27	4937^30
36	4550F18	4871F28	4939^31
34	4563F18	4885F28	4942^31
32	4576F19	4900F28	4943^32
30	4590F19	4905^29	4944D32
28	4604F19	4906^29	4946D33
26	4615F20	4908^30	4947D33
24	4630F20	4910^30	4948D34
10	4693F23	4824D34	4862D35

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

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

LEVEL 1 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	3846F98	4261F 7	4355F10
26	3967F98	4273F 8	4368F11
24	4023F98	4285F 8	4381F11
22	4034F98	4298F 8	4394F12
20	4044F98	4310F 9	4407F12
15	4070F99	4340F10	4439F13
10	4096F 0	4371F11	4470F14
5	4125F 1	4406F12	4507F15
0	4155F 2	4440F13	4544F16
-5	4184F 3	4475F14	4581F17
-10	4213F 4	4509F15	4618F18
-15	4242F 5	4544F16	4654F19
-20	4276F 6	4582F17	4693F20
-25	4305F 7	4619F18	4732F22

High QNH **+80** per .10"
Low QNH **-60** per .10"

Engine A/I ON **-460**
Wing A/I ON **-460**

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28	3553F 2	3987F10	4151F13
26	3572F 2	4005F11	4170F13
24	3578F 3	4024F11	4190F13
22	3589F 3	4042F11	4208F14
20	3602F 3	4061F11	4228F14
15	3630F 4	4106F12	4276F15
10	3665F 5	4157F13	4279^15
5	3703F 6	4208F14	4282^15
0	3742F 7	4241^14	4284^15
-5	3785F 7	4240^14	4285^15
-10	3832F 8	4237^14	4282^15
-15	3884F 9	4233^14	4279^15
-20	3927F10	4230^14	4276^15
-25	3985F10	4226^14	4273^15

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-740**
Wing A/I ON **-740**

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	88	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.05
Rwy Rev.		Program						Rules	FAA		**09 Nov 21**

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PUERTO VALLARTA -PVR 04 *LT H230*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1023		LT H230	1023	

NOTAMS A7046/23 A8294/23

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	87.6	4339^26	4486^29	4537^30
48	87.6	4386^27	4534^30	4586^30
46	87.7	4477^28	4631^31	4684^32
44	87.6	4528^29	4685^32	4739^32
42	87.4	4545^29	4702^32	4756^33
40	87.1	4559^29	4717^32	4771^33
38	86.8	4566^29	4723^32	4778^33
36	86.6	4573^30	4730^32	4785^33
34	86.3	4581^30	4738^32	4792^33
32	86.0	4587^30	4745^33	4800^33
30	85.7	4595^30	4753^33	4808^34
28	85.4	4603^30	4761^33	4815^34
26	85.2	4610^30	4768^33	4823^34
24	84.9	4617^30	4776^33	4830^34
22	84.6	4625^30	4783^33	4838^34
10	82.8	4663^31	4821^34	4876^35

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	87.6	4339D26	4486D30	4537D31	4664
48	87.6	4386D26	4534D31	4586D31	4724
46	87.7	4477D27	4631D32	4684D33	4843
44	87.6	4528D27	4685D33	4739D33	4900
42	87.4	4545D27	4702D33	4756D34	4947
40	87.1	4559D28	4717D33	4771D34	4959
38	86.8	4566D28	4723D33	4778D34	4961
36	86.6	4573D28	4730D33	4785D34	4962
34	86.3	4581D29	4738D33	4792D34	4964
32	86.0	4587D29	4745D33	4800D34	4966
30	85.7	4595D30	4753D34	4808D34	4968
28	85.4	4603D30	4761D34	4815D35	4970
26	85.2	4610D30	4768D34	4823D35	4971
24	84.9	4617D31	4776D34	4830D35	4973
22	84.6	4625D31	4783D34	4838D35	4975
10	82.8	4663D32	4821D35	4876D36	4973

High QNH **+60** per .10" Engine A/I ON **-620**
Low QNH **-160** per .10" Wing A/I ON **-620**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	90.8	4386^27	4529^30	4578^31
48	90.8	4434^28	4579^30	4630^31
46	90.9	4530^29	4679^32	4731^33
44	90.8	4590^30	4741^33	4793^33
42	90.5	4617^30	4769^33	4821^34
40	90.2	4630^31	4783^33	4835^34
38	89.9	4638^31	4790^33	4842^34
36	89.7	4644^31	4796^33	4848^34
34	89.4	4650^31	4803^34	4855^34
32	89.1	4657^31	4810^34	4863^35
30	88.8	4665^31	4817^34	4869^35
28	88.5	4672^31	4824^34	4877^35
26	88.2	4678^31	4831^34	4884^35
24	87.9	4686^31	4839^34	4891^35
22	87.6	4692^32	4845^34	4898^35
10	85.8	4727^32	4880^35	4932^36

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	90.8	4386D28	4529D31	4578D31	4664
48	90.8	4434D28	4579D31	4630D32	4724
46	90.9	4530D28	4679D33	4731D33	4843
44	90.8	4590D29	4741D33	4793D34	4900
42	90.5	4617D30	4769D34	4821D35	4947
40	90.2	4630D30	4783D34	4835D35	4959
38	89.9	4638D31	4790D34	4842D35	4961
36	89.7	4644D31	4796D34	4848D35	4962
34	89.4	4650D31	4803D34	4855D35	4964
32	89.1	4657D32	4810D35	4863D35	4966
30	88.8	4665D32	4817D35	4869D35	4968
28	88.5	4672D32	4824D35	4877D36	4970
26	88.2	4678D32	4831D35	4884D36	4971
24	87.9	4686D32	4839D35	4891D36	4973
22	87.6	4692D33	4845D35	4898D36	4975
10	85.8	4727D33	4880D35	4932D36	4973

High QNH **+60** per .10" Engine A/I ON **-660**
Low QNH **-170** per .10" Wing A/I ON **-660**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
49	90.8	4386^27-27-37	4529^30-30-39	4578^31-31-40	4629^31-31-40
48	90.8	4434^28-28-38	4579^30-30-40	4630^31-31-40	4681^32-32-41
46	90.9	4530^29-29-39	4679^32-32-41	4731^33-33-42	4783^33-33-43
44	90.8	4590^30-30-40	4741^33-33-42	4793^33-33-43	4846^34-34-44
42	90.5	4617^30-30-40	4769^33-33-42	4821^34-34-43	4874^35-35-44
40	90.2	4630^31-31-40	4783^33-33-43	4835^34-34-43	4888^35-35-44
38	89.9	4638^31-31-41	4790^33-33-43	4842^34-34-43	4895^35-35-44
36	89.7	4644^31-31-41	4796^33-33-43	4848^34-34-44	4901^35-35-44
34	89.4	4650^31-31-41	4803^34-34-43	4855^34-34-44	4909^35-35-44
32	89.1	4657^31-31-41	4810^34-34-43	4863^35-35-44	4916^35-35-45
30	88.8	4665^31-31-41	4817^34-34-43	4869^35-35-44	4923^36-36-45
28	88.5	4672^31-31-41	4824^34-34-43	4877^35-35-44	4930^36-36-45
26	88.2	4678^31-31-41	4831^34-34-43	4884^35-35-44	4937^36-36-45
24	87.9	4686^31-31-41	4839^34-34-43	4891^35-35-44	4944^36-36-45
22	87.6	4692^32-32-41	4845^34-34-44	4898^35-35-44	4951^36-36-45
10	85.8	4727^32-32-42	4880^35-35-44	4932^36-36-45	4973C36-36-45

High QNH **+60** per .10" Engine A/I ON **-660**
Low QNH **-170** per .10" Wing A/I ON **-660**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	23	Length	10187	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.13
Rwy Rev.		Program						Rules	FAA		**12 Oct 23**

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PUERTO VALLARTA -PVR 04 *LT H230*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4434^28	4579^30	4630^31
46	4530^29	4679^32	4731^33
44	4590^30	4741^33	4793^33
42	4617^30	4769^33	4821^34
40	4630^31	4783^33	4835^34
38	4638^31	4790^33	4842^34
36	4644^31	4796^33	4848^34
34	4650^31	4803^34	4855^34
32	4657^31	4810^34	4863^35
30	4665^31	4817^34	4869^35
28	4672^31	4824^34	4877^35
26	4678^31	4831^34	4884^35
24	4686^31	4839^34	4891^35
10	4727^32	4880^35	4932^36

High QNH **+60** per .10"
Low QNH **-170** per .10"

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

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4427^28	4573^30	4622^31
46	4522^29	4671^32	4723^32
44	4581^30	4733^32	4785^33
42	4610^30	4761^33	4814^34
40	4624^30	4775^33	4829^34
38	4631^31	4782^33	4836^34
36	4637^31	4790^33	4842^34
34	4644^31	4797^33	4849^34
32	4651^31	4803^34	4856^34
30	4657^31	4811^34	4863^35
28	4665^31	4818^34	4871^35
26	4672^31	4825^34	4878^35
24	4679^31	4832^34	4884^35
10	4664^31	4813^34	4861^35

High QNH **+40** per .10"
Low QNH **-170** per .10"

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

DRY

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
48	4434D28	4579D31	4630D32
46	4530D28	4679D33	4731D33
44	4590D29	4741D33	4793D34
42	4617D30	4769D34	4821D35
40	4630D30	4783D34	4835D35
38	4638D31	4790D34	4842D35
36	4644D31	4796D34	4848D35
34	4650D31	4803D34	4855D35
32	4657D32	4810D35	4863D35
30	4665D32	4817D35	4869D35
28	4672D32	4824D35	4877D36
26	4678D32	4831D35	4884D36
24	4686D32	4839D35	4891D36
10	4727D33	4880D35	4932D36

High QNH **+60** per .10"
Low QNH **-170** per .10"

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

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
48	4427D28	4573D31	4622D32
46	4522D28	4671D33	4723D33
44	4581D29	4733D33	4785D34
42	4610D30	4761D34	4814D35
40	4624D30	4775D34	4829D35
38	4631D30	4782D34	4836D35
36	4637D31	4790D34	4842D35
34	4644D31	4797D34	4849D35
32	4651D32	4803D34	4856D35
30	4657D32	4811D35	4863D35
28	4665D32	4818D35	4871D35
26	4672D32	4825D35	4878D36
24	4679D32	4832D35	4884D36
10	4664D32	4813D34	4861D35

High QNH **+40** per .10"
Low QNH **-170** per .10"

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

WET

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	4328^ 9	4547^19	4625^23
26	4338^ 9	4558^20	4636^23
24	4348^10	4569^20	4648^23
22	4358^10	4580^20	4660^24
20	4368^11	4590^21	4671^24
15	4392^12	4619^22	4700^25
10	4415^13	4642^23	4725^26
5	4442^14	4673^24	4757^27
0	4469^15	4703^25	4788^29
-5	4496^16	4733^26	4819^30
-10	4520^17	4760^27	4848^31
-15	4544^18	4787^29	4875^32
-20	4571^19	4817^30	4908^33
-25	4597^20	4846^31	4932^34

High QNH **+70** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-570**
Wing A/I ON **-570**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
28	4118^13	4339^22	4428^25
26	4129^13	4351^23	4442^26
24	4137^14	4363^23	4455^26
22	4147^14	4376^23	4468^26
20	4156^14	4387^24	4482^27
15	4179^15	4419^25	4515^27
10	4203^16	4451^26	4551^28
5	4230^17	4486^26	4591^29
0	4257^18	4522^27	4631^30
-5	4285^19	4557^28	4673^31
-10	4309^20	4594^29	4718^32
-15	4337^21	4633^30	4764^33
-20	4366^22	4678^31	4795^33
-25	4395^23	4724^32	4811^34

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

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

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	23	Length	10187	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.13
Rwy Rev.		Program						Rules	FAA		**12 Oct 23**

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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
49	87.6	4385^27	4541^30	4594^31
48	87.6	4430^28	4588^31	4643^31
46	87.7	4520^29	4684^32	4739^33
44	87.6	4572^30	4738^32	4794^33
42	87.4	4588^30	4755^33	4812^34
40	87.1	4604^30	4771^33	4828^34
38	86.8	4611^30	4778^33	4835^34
36	86.6	4618^30	4786^33	4843^34
34	86.3	4627^30	4794^33	4851^34
32	86.0	4635^31	4801^33	4859^34
30	85.7	4643^31	4810^34	4868^35
28	85.4	4651^31	4819^34	4876^35
26	85.2	4660^31	4826^34	4884^35
24	84.9	4668^31	4835^34	4892^35
22	84.6	4676^31	4843^34	4901^35
10	82.8	4720^32	4887^35	4934^36

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4385D25	4541D31	4594D31	4664
4430D26	4588D32	4643D32	4724
4520D26	4684D33	4739D34	4843
4572D27	4738D34	4794D35	4900
4588D27	4755D34	4812D35	4947
4604D27	4771D34	4828D35	4959
4611D28	4778D34	4835D35	4961
4618D28	4786D34	4843D35	4962
4627D28	4794D34	4851D35	4964
4635D29	4801D35	4859D35	4966
4643D29	4810D35	4868D36	4968
4651D30	4819D35	4876D36	4970
4660D30	4826D35	4884D36	4971
4668D30	4835D35	4892D36	4973
4676D31	4843D35	4901D36	4975
4720D33	4887D35	4934D36	4973

High QNH **+40** per .10" — Engine A/I ON **-750**
Low QNH **-170** per .10" — Wing A/I ON **-750**

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
49	90.8	4440^28	4590^31	4622^31
48	90.8	4487^29	4640^31	4681^32
46	90.9	4581^30	4739^33	4796^34
44	90.8	4642^31	4801^34	4856^34
42	90.5	4672^31	4831^34	4887^35
40	90.2	4686^32	4846^34	4901^35
38	89.9	4693^32	4854^34	4909^35
36	89.7	4700^32	4861^34	4916^35
34	89.4	4707^32	4869^35	4924^36
32	89.1	4715^32	4877^35	4932^36
30	88.8	4723^32	4884^35	4940^36
28	88.5	4731^32	4892^35	4947^36
26	88.2	4738^32	4900^35	4953^36
24	87.9	4747^33	4908^35	4954^36
22	87.6	4754^33	4915^35	4955^36
10	85.8	4794^33	4911^35	4949^36

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4440D27	4590D31	4622D31	4664
4487D27	4640D32	4681D32	4724
4581D28	4739D33	4796D34	4843
4642D29	4801D34	4856D35	4900
4672D29	4831D35	4887D36	4947
4686D30	4846D35	4901D36	4959
4693D30	4854D35	4909D36	4961
4700D30	4861D35	4916D36	4962
4707D31	4869D35	4924D36	4964
4715D31	4877D35	4932D36	4966
4723D32	4884D36	4940D36	4968
4731D32	4892D36	4947D36	4970
4738D32	4900D36	4953D36	4971
4747D33	4908D36	4954D36	4973
4754D33	4915D36	4955D36	4975
4794D34	4911D35	4949D36	4973

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

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
49	90.8	4440^28-28-38	4590^31-31-40	4622^31-31-40	4655^32-32-41
48	90.8	4487^29-29-38	4640^31-31-41	4681^32-32-41	4714^33-33-42
46	90.9	4581^30-30-40	4739^33-33-42	4796^34-34-43	4829^34-34-43
44	90.8	4642^31-31-41	4801^34-34-43	4856^34-34-44	4900C35-35-44
42	90.5	4672^31-31-41	4831^34-34-43	4887^35-35-44	4942^36-36-45
40	90.2	4686^32-32-41	4846^34-34-44	4901^35-35-44	4957^36-36-45
38	89.9	4693^32-32-41	4854^34-34-44	4909^35-35-44	4961C36-36-45
36	89.7	4700^32-32-41	4861^34-34-44	4916^35-35-45	4962C36-36-45
34	89.4	4707^32-32-42	4869^35-35-44	4924^36-36-45	4964C36-36-45
32	89.1	4715^32-32-42	4877^35-35-44	4932^36-36-45	4966C36-36-45
30	88.8	4723^32-32-42	4884^35-35-44	4940^36-36-45	4968C36-36-45
28	88.5	4731^32-32-42	4892^35-35-44	4947^36-36-45	4970C36-36-45
26	88.2	4738^32-32-42	4900^35-35-44	4953^36-36-45	4971C36-36-45
24	87.9	4747^33-33-42	4908^35-35-44	4954^36-36-45	4973C36-36-45
22	87.6	4754^33-33-42	4915^35-35-45	4955^36-36-45	4975C36-36-45
10	85.8	4794^33-33-43	4911^35-35-44	4961^42-42-51	4986C42-42-51

High QNH **+20** per .10" — Engine A/I ON **-680**
Low QNH **-170** per .10" — Wing A/I ON **-680**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	23	Length	10187	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.13
Rwy Rev.		Program						Rules	FAA		**12 Oct 23**

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PUERTO VALLARTA -PVR 22 *RT H270*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4487^29	4640^31	4681^32
46	4581^30	4739^33	4796^34
44	4642^31	4801^34	4856^34
42	4672^31	4831^34	4887^35
40	4686^32	4846^34	4901^35
38	4693^32	4854^34	4909^35
36	4700^32	4861^34	4916^35
34	4707^32	4869^35	4924^36
32	4715^32	4877^35	4932^36
30	4723^32	4884^35	4940^36
28	4731^32	4892^35	4947^36
26	4738^32	4900^35	4953^36
24	4747^33	4908^35	4954^36
10	4794^33	4911^35	4949^36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4479^29	4633^31	4675^32
46	4573^30	4732^33	4786^34
44	4633^31	4794^33	4849^34
42	4664^31	4824^34	4879^35
40	4678^31	4839^34	4894^35
38	4686^32	4846^34	4902^35
36	4693^32	4854^34	4909^35
34	4701^32	4862^35	4917^35
32	4709^32	4869^35	4925^36
30	4716^32	4878^35	4932^36
28	4724^32	4886^35	4941^36
26	4732^32	4893^35	4949^36
24	4739^32	4901^35	4950^36
10	4715^32	4826^34	4863^35

High QNH **+0** per .10"
Low QNH **-170** 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	4487D27	4640D32	4681D32
46	4581D28	4739D33	4796D34
44	4642D29	4801D34	4856D35
42	4672D29	4831D35	4887D36
40	4686D30	4846D35	4901D36
38	4693D30	4854D35	4909D36
36	4700D30	4861D35	4916D36
34	4707D31	4869D35	4924D36
32	4715D31	4877D35	4932D36
30	4723D32	4884D36	4940D36
28	4731D32	4892D36	4947D36
26	4738D32	4900D36	4953D36
24	4747D33	4908D36	4954D36
10	4794D34	4911D35	4949D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4479D27	4633D32	4675D32
46	4573D28	4732D33	4786D34
44	4633D28	4794D34	4849D35
42	4664D29	4824D35	4879D36
40	4678D30	4839D35	4894D36
38	4686D30	4846D35	4902D36
36	4693D30	4854D35	4909D36
34	4701D31	4862D35	4917D36
32	4709D31	4869D35	4925D36
30	4716D32	4878D35	4932D36
28	4724D32	4886D35	4941D36
26	4732D32	4893D35	4949D36
24	4739D33	4901D35	4950D36
10	4715D32	4826D34	4863D35

High QNH **+0** per .10"
Low QNH **-170** 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	4342^ 8	4566^18	4647^22
26	4353^ 9	4577^19	4659^22
24	4363^ 9	4588^19	4671^23
22	4374^ 9	4600^20	4682^23
20	4384^10	4612^20	4695^23
15	4409^11	4640^21	4725^24
10	4433^12	4667^22	4752^25
5	4462^13	4699^23	4785^27
0	4490^14	4731^24	4818^28
-5	4518^15	4762^25	4851^29
-10	4544^16	4792^27	4882^30
-15	4569^17	4820^28	4912^31
-20	4598^18	4852^29	4930^33
-25	4625^20	4881^30	4933^34

High QNH **+20** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-730**
Wing A/I ON **-730**

LEVEL 2 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	4129^12	4347^22	4437^25
26	4137^13	4359^22	4450^25
24	4148^13	4371^23	4463^26
22	4157^14	4384^23	4476^26
20	4166^14	4396^23	4489^26
15	4190^15	4428^24	4524^27
10	4212^16	4459^25	4559^28
5	4241^17	4494^26	4597^29
0	4268^18	4531^27	4638^30
-5	4295^19	4566^28	4676^31
-10	4321^20	4603^29	4718^32
-15	4348^21	4641^30	4762^33
-20	4378^22	4681^31	4811^34
-25	4407^23	4724^32	4861^34

High QNH **+80** per .10"
Low QNH **-70** per .10"

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

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	23	Length	10187	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.13
Rwy Rev.		Program						Rules	FAA		**12 Oct 23**

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TAR Mexico **EMB-145** **AE3007A1**

QUERETARO -QRO 09 *SPECIAL*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.0 QET	***7200'**	****RT QET**	**7700'**	**STD**

*USE ONLY IF QET DME OTS; **IF QET VOR OTS RT H275

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
37	88.8	3978^21	4060^23	4086^23	3978D21	4060D23	4086D24	4145
36	88.9	4018^22	4100^24	4126^24	4018D21	4100D24	4126D24	4186
34	89.2	4096^23	4179^25	4205^25	4096D21	4179D25	4205D25	4265
32	89.4	4170^24	4257^26	4284^26	4170D22	4257D26	4284D27	4343
30	89.7	4246^25	4338^27	4366^28	4246D22	4338D27	4366D28	4424
28	89.8	4325^27	4420^28	4448^29	4325D23	4420D28	4448D29	4507
26	90.0	4404^28	4501^29	4529^30	4403^23	4501D30	4529D30	4591
24	90.1	4481^29	4582^31	4611^31	4480^23	4582D31	4611D31	4674
22	90.2	4537^30	4639^31	4669^32	4535^24	4639D32	4669D32	4732
20	90.4	4545^30	4646^32	4675^32	4544^24	4646D32	4675D32	4741
15	89.6	4550^30	4651^32	4680^32	4550^25	4651D32	4680D32	4744
10	88.8	4554^30	4652^32	4682^32	4554D27	4652D32	4682D32	4748
5	88.0	4558^30	4653^32	4684^32	4558D28	4653D32	4684D32	4750
0	87.2	4556^30	4650^32	4681^32	4556D29	4650D32	4681D32	4750
-5	86.4	4545^30	4640^31	4672^32	4545D30	4640D32	4672D32	4740
-10	85.6	4541^30	4638^31	4670^32	4541D30	4638D31	4670D32	4741

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
37	92.2	3987^22	4070^23	4097^24	3987D22	4070D23	4097D24	4145
36	92.4	4026^22	4110^24	4137^24	4026D22	4110D24	4137D24	4186
34	92.7	4101^23	4187^25	4216^25	4101D23	4187D25	4216D26	4265
32	92.9	4176^24	4266^26	4295^27	4176D24	4266D26	4295D27	4343
30	93.2	4252^26	4346^27	4375^28	4252D24	4346D27	4375D28	4424
28	93.5	4331^27	4430^29	4458^29	4331D25	4430D29	4458D29	4507
26	93.9	4411^28	4512^30	4540^30	4411D25	4512D30	4540D30	4591
24	94.0	4489^29	4595^31	4623^31	4489D25	4595D31	4623D31	4674
22	93.9	4546^30	4653^32	4682^32	4546D26	4653D32	4682D32	4732
20	93.8	4554^30	4662^32	4690^32	4554D27	4662D32	4690D32	4741
15	93.0	4559^30	4667^32	4697^32	4559D28	4667D32	4697D33	4744
10	92.2	4564^30	4669^32	4698^32	4564D29	4669D32	4698D33	4748
5	91.3	4567^30	4669^32	4699^32	4567D30	4669D32	4699D33	4750
0	90.5	4567^30	4666^32	4697^32	4567D30	4666D32	4697D32	4750
-5	89.7	4559^30	4656^32	4687^32	4559D30	4656D32	4687D32	4740
-10	88.8	4559^30	4654^32	4685^32	4559D30	4654D32	4685D32	4741

High QNH **+100** per .10" Engine A/I ON **-4370**
Low QNH **-170** per .10" Wing A/I ON **-4370**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
37	92.2	4054^28-28-37	4171^31-31-39	4201C31-31-39	4201C31-31-39
36	92.4	4094^29-29-38	4211^31-31-40	4243C32-32-40	4243C32-32-40
34	92.7	4169^30-30-39	4289^32-32-41	4323C33-33-41	4323C33-33-41
32	92.9	4245^31-31-40	4366^34-34-42	4401C34-34-43	4401C34-34-43
30	93.2	4322^32-32-41	4444^35-35-43	4480C35-35-44	4480C35-35-44
28	93.5	4401^34-34-43	4525^36-36-45	4565C37-37-45	4565C37-37-45
26	93.9	4480^35-35-44	4607^37-37-46	4650C38-38-46	4650C38-38-46
24	94.0	4554^36-36-45	4687^38-38-47	4732^39-39-48	4735C39-39-48
22	93.9	4608^37-37-46	4742^39-39-48	4788^40-40-49	4790C40-40-49
20	93.8	4627^37-37-46	4758^39-39-48	4803^40-40-49	4804C40-40-49
15	93.0	4633^37-37-46	4765^39-39-48	4808C40-40-49	4808C40-40-49
10	92.2	4637^37-37-46	4771^39-39-48	4812C40-40-49	4812C40-40-49
5	91.3	4642^37-37-46	4776^39-39-48	4816C40-40-49	4816C40-40-49
0	90.5	4642^37-37-46	4777^39-39-48	4819C40-40-49	4819C40-40-49
-5	89.7	4635^37-37-46	4770^39-39-48	4806C40-40-49	4806C40-40-49
-10	88.8	4638^37-37-46	4774^39-39-48	4809C40-40-49	4809C40-40-49

High QNH **+110** per .10" Engine A/I ON **-4220**
Low QNH **-170** per .10" Wing A/I ON **-4220**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 6296 Length 11483 Shift **0** Clearway 0 Stopway 0 Slope +0.34
Rwy Rev. Program Rules FAA **28 Apr 23**

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QUERETARO -QRO 09 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
37	3987^22	4070^23	4097^24
36	4026^22	4110^24	4137^24
34	4101^23	4187^25	4216^25
32	4176^24	4266^26	4295^27
30	4252^26	4346^27	4375^28
28	4331^27	4430^29	4458^29
26	4411^28	4512^30	4540^30
24	4489^29	4595^31	4623^31
22	4546^30	4653^32	4682^32
20	4554^30	4662^32	4690^32
15	4559^30	4667^32	4697^32
10	4564^30	4669^32	4698^32
5	4567^30	4669^32	4699^32
0	4567^30	4666^32	4697^32

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

Engine A/I ON **-4370**
Wing A/I ON **-4370**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
37	3983^22	4064^23	4091^24
36	4021^22	4104^24	4132^24
34	4097^23	4183^25	4211^25
32	4172^24	4262^26	4290^27
30	4249^26	4344^27	4372^28
28	4328^27	4425^28	4453^29
26	4406^28	4508^30	4536^30
24	4485^29	4592^31	4620^31
22	4544^30	4651^32	4680^32
20	4553^30	4660^32	4689^32
15	4558^30	4665^32	4694^32
10	4144^24	4231^26	4260^26
5	4407^28	4496^29	4526^30
0	4501^29	4598^31	4629^31

High QNH **+90** per .10"
Low QNH **-230** per .10"

Engine A/I ON **-230**
Wing A/I ON **-230**

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

OAT °C	Flaps 9 -10T	+0	+10H
37	3987D22	4070D23	4097D24
36	4026D22	4110D24	4137D24
34	4101D23	4187D25	4216D26
32	4176D24	4266D26	4295D27
30	4252D24	4346D27	4375D28
28	4331D25	4430D29	4458D29
26	4411D25	4512D30	4540D30
24	4489D25	4595D31	4623D31
22	4546D26	4653D32	4682D32
20	4554D27	4662D32	4690D32
15	4559D28	4667D32	4697D33
10	4564D29	4669D32	4698D33
5	4567D30	4669D32	4699D33
0	4567D30	4666D32	4697D32

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

Engine A/I ON **-4370**
Wing A/I ON **-4370**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
37	3983D22	4064D23	4091D24
36	4021D22	4104D24	4132D24
34	4097D23	4183D25	4211D25
32	4172D24	4262D26	4290D27
30	4249D24	4344D27	4372D28
28	4328D24	4425D29	4453D29
26	4406D25	4508D30	4536D30
24	4485D25	4592D31	4620D31
22	4544D26	4651D32	4680D32
20	4553D27	4660D32	4689D32
15	4558D28	4665D32	4694D32
10	4144D24	4231D26	4260D26
5	4407D28	4496D30	4526D30
0	4501D29	4598D31	4629D32

High QNH **+90** per .10"
Low QNH **-230** per .10"

Engine A/I ON **-230**
Wing A/I ON **-230**

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

OAT °C	Flaps 9 -10T	+0	+10H
28	4057F 3	4284F12	4345^15
26	4118F 4	4347F12	4413^15
24	4180F 4	4412F13	4483^16
22	4230F 5	4466F13	4536^16
20	4261F 5	4502F14	4566^17
15	4295F 6	4530^15	4593^18
10	4326F 7	4554^16	4617^19
5	4357F 8	4578^17	4641^20
0	4387F 9	4600^18	4656^21
-5	4415F10	4613^19	4651^23
-10	4447F11	4615^21	4654^24
-15	4475^12	4619^22	4658^25
-20	4495^13	4619^23	4660^27
-25	4495^14	4617^25	4658^28

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

Engine A/I ON **-3490**
Wing A/I ON **-3490**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3786F 7	3995F15	4061F17
26	3848F 7	4059F15	4128F18
24	3912F 8	4126F16	4197F18
22	3966F 9	4184F16	4260F19
20	4003F 9	4228F17	4305F20
15	4036F10	4266F18	4343F21
10	4064F11	4297F19	4376F22
5	4092F12	4328F20	4406F23
0	4118F13	4357F21	4436F23
-5	4144F14	4386F22	4463F24
-10	4173F15	4418F23	4495F25
-15	4204F16	4450F24	4527F26
-20	4233F17	4479F25	4558F27
-25	4262F18	4509F26	4587^28

High QNH **+120** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-1780**
Wing A/I ON **-1780**

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	6296	Length	11483	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.34
Rwy Rev.		Program						Rules	FAA		**28 Apr 23**

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CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D6.9 QET	*7200'	**LT QET	7700'	STD

*USE ONLY IF QET DME OTS; **IF QET VOR OTS LT H085

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
37	88.8	3986^22	4067^23	4094^24	3986D21	4067D23	4094D24	4145
36	88.9	4026^22	4107^24	4134^24	4026D21	4107D24	4134D24	4186
34	89.2	4104^23	4186^25	4213^25	4104D21	4186D25	4213D26	4265
32	89.4	4181^25	4263^26	4292^27	4181D22	4263D26	4292D27	4343
30	89.7	4261^26	4344^27	4373^28	4261D22	4344D27	4373D28	4424
28	89.8	4343^27	4427^28	4455^29	4343^22	4427D29	4455D29	4507
26	90.0	4423^28	4509^30	4537^30	4423^23	4509D30	4537D30	4591
24	90.1	4504^29	4591^31	4619^31	4502^23	4591D31	4619D31	4674
22	90.2	4560^30	4648^32	4677^32	4558^23	4648D32	4677D32	4732
20	90.4	4566^30	4654^32	4683^32	4564^24	4654D32	4683D32	4741
15	89.6	4570^30	4659^32	4689^32	4569^25	4659D32	4689D32	4744
10	88.8	4570^30	4660^32	4690^32	4570D26	4660D32	4690D32	4748
5	88.0	4569^30	4661^32	4692^32	4569D27	4661D32	4692D32	4750
0	87.2	4565^30	4658^32	4689^32	4565D29	4658D32	4689D32	4750
-5	86.4	4553^30	4648^32	4680^32	4553D30	4648D32	4680D32	4740
-10	85.6	4550^30	4646^32	4678^32	4550D30	4646D32	4678D32	4741

High QNH **+100** per .10" — Engine A/I ON **-4340**
Low QNH **-170** per .10" — Wing A/I ON **-4340**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
37	92.2	3996^22	4076^23	4103^24	3996D22	4076D23	4103D24	4145
36	92.4	4035^22	4116^24	4143^24	4035D22	4116D24	4143D24	4186
34	92.7	4114^24	4195^25	4223^26	4114D23	4195D25	4223D26	4265
32	92.9	4192^25	4274^26	4301^27	4192D23	4274D26	4301D27	4343
30	93.2	4271^26	4355^27	4382^28	4271D24	4355D28	4382D28	4424
28	93.5	4353^27	4437^29	4465^29	4353D24	4437D29	4465D29	4507
26	93.9	4435^28	4519^30	4548^30	4435D24	4519D30	4548D30	4591
24	94.0	4517^29	4602^31	4631^31	4516^25	4602D31	4631D32	4674
22	93.9	4574^30	4660^32	4689^32	4574^25	4660D32	4689D32	4732
20	93.8	4583^30	4669^32	4698^32	4583D26	4669D32	4698D33	4741
15	93.0	4587^30	4674^32	4704^33	4587D28	4674D32	4704D33	4744
10	92.2	4587^30	4676^32	4705^33	4587D29	4676D32	4705D33	4748
5	91.3	4586^30	4676^32	4706^33	4586D30	4676D32	4706D33	4750
0	90.5	4581^30	4673^32	4704^32	4581D30	4673D32	4704D33	4750
-5	89.7	4570^30	4663^32	4694^32	4570D30	4663D32	4694D32	4740
-10	88.8	4566^30	4661^32	4692^32	4566D30	4661D32	4692D32	4741

High QNH **+100** per .10" — Engine A/I ON **-4380**
Low QNH **-170** per .10" — Wing A/I ON **-4380**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
37	92.2	4118^30-30-38	4195^31-31-39	4201C31-31-39	4201C31-31-39
36	92.4	4159^30-30-39	4236^32-32-40	4243C32-32-40	4243C32-32-40
34	92.7	4239^31-31-40	4317^33-33-41	4323C33-33-41	4323C33-33-41
32	92.9	4320^33-33-41	4398^34-34-43	4401C34-34-43	4401C34-34-43
30	93.2	4402^34-34-43	4480C35-35-44	4480C35-35-44	4480C35-35-44
28	93.5	4485^35-35-44	4565C37-37-45	4565C37-37-45	4565C37-37-45
26	93.9	4569^36-36-45	4650C38-38-46	4650C38-38-46	4650C38-38-46
24	94.0	4640T37-37-46	4735C39-39-48	4735C39-39-48	4735C39-39-48
22	93.9	4674T38-38-47	4790C40-40-49	4790C40-40-49	4790C40-40-49
20	93.8	4708T38-38-47	4804C40-40-49	4804C40-40-49	4804C40-40-49
15	93.0	4728^39-39-48	4808C40-40-49	4808C40-40-49	4808C40-40-49
10	92.2	4728^39-39-48	4812C40-40-49	4812C40-40-49	4812C40-40-49
5	91.3	4728^39-39-48	4814^40-40-49	4816C40-40-49	4816C40-40-49
0	90.5	4724^39-39-48	4811^40-40-49	4819C40-40-49	4819C40-40-49
-5	89.7	4712^38-38-47	4801^40-40-49	4806C40-40-49	4806C40-40-49
-10	88.8	4708^38-38-47	4798^40-40-49	4809C40-40-49	4809C40-40-49

High QNH **+100** per .10" — Engine A/I ON **-4460**
Low QNH **-180** per .10" — Wing A/I ON **-4460**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	6296	Length	11483	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.34
Rwy Rev.		Program						Rules	FAA		**28 Apr 23**

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QUERETARO -QRO 27 *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	Flaps -10T	+0	+10H
37	3996^22	4076^23	4103^24	3990^22	4071^23	4098^24			
36	4035^22	4116^24	4143^24	4030^22	4111^24	4138^24			
34	4114^24	4195^25	4223^26	4109^23	4190^25	4218^25			
32	4192^25	4274^26	4301^27	4188^25	4270^26	4297^27			
30	4271^26	4355^27	4382^28	4267^26	4351^27	4378^28			
28	4353^27	4437^29	4465^29	4349^27	4433^29	4461^29			
26	4435^28	4519^30	4548^30	4431^28	4515^30	4543^30			
24	4517^29	4602^31	4631^31	4514^29	4599^31	4628^31			
22	4574^30	4660^32	4689^32	4572^30	4659^32	4687^32			
20	4583^30	4669^32	4698^32	4581^30	4667^32	4696^32			
15	4587^30	4674^32	4704^33	4584^30	4672^32	4701^32			
10	4587^30	4676^32	4705^33	4149^24	4236^26	4265^26			
5	4586^30	4676^32	4706^33	4414^28	4503^30	4533^30			
0	4581^30	4673^32	4704^32	4513^29	4605^31	4636^32			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+90** per .10" Low QNH **-230** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4380** Wing A/I ON **-4380**			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
37	3996D22	4076D23	4103D24	3990D22	4071D23	4098D24			
36	4035D22	4116D24	4143D24	4030D22	4111D24	4138D24			
34	4114D23	4195D25	4223D26	4109D23	4190D25	4218D26			
32	4192D23	4274D26	4301D27	4188D23	4270D26	4297D27			
30	4271D24	4355D28	4382D28	4267D23	4351D27	4378D28			
28	4353D24	4437D29	4465D29	4349D24	4433D29	4461D29			
26	4435D24	4519D30	4548D30	4431D24	4515D30	4543D30			
24	4516^25	4602D31	4631D32	4513^25	4599D31	4628D32			
22	4574^25	4660D32	4689D32	4571^25	4659D32	4687D32			
20	4583D26	4669D32	4698D33	4581^26	4667D32	4696D33			
15	4587D28	4674D32	4704D33	4584D28	4672D32	4701D33			
10	4587D29	4676D32	4705D33	4149D24	4236D26	4265D26			
5	4586D30	4676D32	4706D33	4414D28	4503D30	4533D30			
0	4581D30	4673D32	4704D33	4513D30	4605D31	4636D32			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+90** per .10" Low QNH **-230** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4380** Wing A/I ON **-4380**			Engine A/I ON **-230** Wing A/I ON **-230**			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	4120F 1	4351F10	4414^13	3841F 6	4047F14	4115F16			
26	4182F 2	4415F10	4482^13	3905F 6	4114F14	4183F17			
24	4244F 2	4481F11	4552^14	3969F 6	4182F15	4253F17			
22	4294F 2	4534F11	4606^14	4023F 7	4240F15	4315F18			
20	4325F 3	4570F12	4637^15	4060F 8	4283F16	4359F19			
15	4359F 4	4600^13	4656^16	4094F 9	4321F17	4397F20			
10	4391F 5	4625^14	4660^17	4122F10	4351F18	4429F21			
5	4422F 6	4629^15	4664^18	4150F10	4382F19	4460F21			
0	4453F 7	4628^16	4665^20	4176F11	4412F20	4491F22			
-5	4482F 8	4622^18	4660^21	4202F12	4440F21	4519F23			
-10	4510^ 9	4623^19	4662^22	4231F13	4473F22	4551F24			
-15	4512^10	4627^20	4665^24	4261F14	4505F23	4584F25			
-20	4510^11	4626^22	4665^25	4291F15	4536F24	4614F26			
-25	4505^13	4623^23	4662^26	4319F16	4566F25	4622^28			
	High QNH **+100** per .10" Low QNH **-170** per .10"			High QNH **+120** per .10" Low QNH **-170** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-4140** Wing A/I ON **-4140**			Engine A/I ON **-1920** Wing A/I ON **-1920**			Engine A/I ON Wing A/I ON		

Elevation 6296 Length 11483 Shift **0** Clearway 0 Stopway 0 Slope -0.34

Rwy Rev. Program Rules FAA **28 Apr 23**

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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	3773F15	4014F20	4091^21	3716F 0	3997F10	4088^14	4702
46	87.7	3837F16	4085F21	4169F23	3777F 1	4064F11	4160F14	4820
44	87.7	3879F17	4131F22	4215F23	3817F 1	4108F11	4205F15	4887
42	87.4	3898F17	4151F22	4236F23	3837F 2	4129F12	4227F15	4945
40	87.2	3915F17	4169F22	4255F24	3855F 2	4148F12	4246F15	4959
38	87.0	3925F17	4179F22	4265F24	3865F 2	4160F12	4258F16	4961
36	86.7	3935F18	4190F22	4276F24	3876F 2	4171F13	4270F16	4962
34	86.4	3946F18	4200F23	4283^24	3886F 3	4181F13	4279^16	4964
32	86.1	3956F18	4211F23	4292^24	3898F 3	4193F13	4290^17	4966
30	85.8	3967F18	4221F23	4301^25	3910F 3	4205F14	4300^17	4968
20	84.4	4021F19	4277F24	4348^25	3968F 5	4268F15	4348D19	4976
10	82.9	4072F20	4327^25	4392^26	4026F 7	4325^17	4392D21	4972
0	81.4	4126F21	4377^26	4441^27	4088F 9	4377D19	4441D23	4984
-10	79.9	4177F22	4422^27	4487^28	4147F10	4422D21	4487D25	4987
-20	78.4	4230F23	4468^28	4532^29	4209F12	4468D23	4532D27	4985
-30	76.8	4284F24	4513^28	4576^30	4271F14	4513D25	4576D29	4982

High QNH **+50** per .10" — Engine A/I ON **-480**
Low QNH **-140** per .10" — Wing A/I ON **-480**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	3862F17	4091^21	4150^23	3773F 1	4061F12	4140^15	4702
46	90.9	3930F18	4172F23	4231^24	3836F 2	4130F12	4216^16	4820
44	90.8	3983F19	4228F23	4288^24	3882F 2	4181F13	4269^16	4887
42	90.6	4022F19	4261^24	4322^25	3914F 3	4214F13	4302^17	4945
40	90.4	4040F20	4278^24	4340^25	3933F 3	4234F14	4321^17	4959
38	90.1	4052F20	4289^24	4351^26	3945F 4	4248F14	4334^18	4961
36	89.8	4059F20	4298^25	4359^26	3957F 4	4260F14	4344^18	4962
34	89.5	4069F20	4306^25	4368^26	3968F 4	4272F15	4355^18	4964
32	89.2	4079F20	4315^25	4377^26	3981F 5	4282^15	4366^19	4966
30	89.0	4089F21	4325^25	4386^26	3992F 5	4293^15	4377^19	4968
20	87.5	4139F21	4371^26	4431^27	4053F 6	4349^17	4431D21	4976
10	86.0	4189F22	4411^27	4472^28	4110F 8	4402^19	4472D23	4972
0	84.4	4244F23	4461^27	4521^29	4173F10	4461D21	4521D25	4984
-10	82.9	4298F24	4506^28	4565^29	4236F12	4506D23	4565D27	4987
-20	81.3	4354F25	4549^29	4607^30	4301F14	4549D25	4607D29	4985
-30	79.7	4402^26	4591^30	4648^31	4369F16	4591D28	4648D31	4982

High QNH **+50** per .10" — Engine A/I ON **-530**
Low QNH **-150** per .10" — Wing A/I ON **-530**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	3862F17-17-29	4091^21-21-32	4150^23-23-33	4208^24-24-34
46	90.9	3930F18-18-30	4172F23-23-34	4231^24-24-34	4290^25-25-35
44	90.8	3983F19-19-31	4228F23-23-34	4288^24-24-35	4349^26-26-36
42	90.6	4022F19-19-31	4261^24-24-35	4322^25-25-36	4382^26-26-37
40	90.4	4040F20-20-32	4278^24-24-35	4340^25-25-36	4400^26-26-37
38	90.1	4052F20-20-32	4289^24-24-35	4351^26-26-36	4410^27-27-37
36	89.8	4059F20-20-32	4298^25-25-36	4359^26-26-36	4420^27-27-37
34	89.5	4069F20-20-32	4306^25-25-36	4368^26-26-37	4428^27-27-37
32	89.2	4079F20-20-32	4315^25-25-36	4377^26-26-37	4437^27-27-38
30	89.0	4089F21-21-32	4325^25-25-36	4386^26-26-37	4446^27-27-38
20	87.5	4139F21-21-33	4371^26-26-37	4431^27-27-38	4491^28-28-38
10	86.0	4189F22-22-34	4411^27-27-37	4472^28-28-38	4531^29-29-39
0	84.4	4244F23-23-35	4461^27-27-38	4521^29-29-39	4579^30-30-40
-10	82.9	4298F24-24-36	4506^28-28-39	4565^29-29-39	4621^30-30-40
-20	81.3	4354F25-25-36	4549^29-29-39	4607^30-30-40	4662^31-31-41
-30	79.7	4402^26-26-37	4591^30-30-40	4648^31-31-41	4700^32-32-41

High QNH **+50** per .10" — Engine A/I ON **-530**
Low QNH **-150** per .10" — Wing A/I ON **-530**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	139	Length	6214	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
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	3862F17	4091^21	4150^23
46	3930F18	4172F23	4231^24
44	3983F19	4228F23	4288^24
42	4022F19	4261^24	4322^25
40	4040F20	4278^24	4340^25
38	4052F20	4289^24	4351^26
36	4059F20	4298^25	4359^26
34	4069F20	4306^25	4368^26
32	4079F20	4315^25	4377^26
30	4089F21	4325^25	4386^26
20	4139F21	4371^26	4431^27
10	4189F22	4411^27	4472^28
0	4244F23	4461^27	4521^29
-10	4298F24	4506^28	4565^29

High QNH **+50** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-530**
Wing A/I ON **-530**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	3854F17	4084^21	4143^22
46	3921F18	4162F22	4224^24
44	3974F18	4219F23	4280^24
42	4013F19	4253^24	4314^25
40	4031F19	4272^24	4333^25
38	4043F20	4282^24	4344^25
36	4051F20	4291^24	4352^26
34	4061F20	4299^25	4361^26
32	4070F20	4308^25	4370^26
30	4080F20	4318^25	4379^26
20	4131F21	4364^26	4425^27
10	4149F22	4363^26	4422^27
0	4206F23	4412^27	4471^28
-10	4257F24	4452^28	4510^29

High QNH **+50** per .10"
Low QNH **-150** 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	3773F 1	4061F12	4140^15
46	3836F 2	4130F12	4216^16
44	3882F 2	4181F13	4269^16
42	3914F 3	4214F13	4302^17
40	3933F 3	4234F14	4321^17
38	3945F 4	4248F14	4334^18
36	3957F 4	4260F14	4344^18
34	3968F 4	4272F15	4355^18
32	3981F 5	4282^15	4366^19
30	3992F 5	4293^15	4377^19
20	4053F 6	4349^17	4431D21
10	4110F 8	4402^19	4472D23
0	4173F10	4461D21	4521D25
-10	4236F12	4506D23	4565D27

High QNH **+50** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-530**
Wing A/I ON **-530**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	3767F 1	4054F12	4134^15
46	3830F 2	4123F12	4209^15
44	3878F 2	4174F13	4263^16
42	3908F 3	4207F13	4295^17
40	3927F 3	4227F14	4315^17
38	3938F 3	4241F14	4327^17
36	3951F 4	4253F14	4337^18
34	3962F 4	4266F15	4348^18
32	3975F 4	4278F15	4360^18
30	3986F 5	4287^15	4370^19
20	4047F 6	4343^17	4425D21
10	4074F 8	4358^19	4422D23
0	4138F10	4412D21	4471D25
-10	4199F12	4452D23	4510D27

High QNH **+60** per .10"
Low QNH **-140** 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		3656F94	3937F96
26		3670F94	3967F96
24		3702F94	4000F96
22		3733F94	4034F96
20		3764F95	4070F97
18		3797F95	4093^97
16		3830F95	4103^97
14		3866F95	4103^97
12		3899F96	4103^97
10		3932F96	
0		4096F97	
-10		4137F99	4257^ 2
-20		4204^ 1	4258^ 5
-30	2944F94	4201^ 3	4256^ 7

High QNH **+10** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-640**
Wing A/I ON **-640**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28		3419F98	3522F 1
26		3430F98	3533F 1
24		3440F98	3546F 1
22		3452F99	3557F 2
20		3464F99	3569F 2
18		3474F99	3581F 2
16		3483F 0	3592F 3
14		3495F 0	3603F 3
12		3507F 0	3615F 4
10		3520F 1	3628F 4
0		3584F 2	3695F 6
-10		3646F 4	3761F 8
-20	2649F 0	3713F 6	3832F10
-30	3058F99	3782F 8	3905F12

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

Engine A/I ON **-370**
Wing A/I ON **-370**

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 139 Length 6214 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **26 Oct 17**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1139'		LT H280	1139'	

A/C **AUTO**

ALT TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	87.6	3773F15	4008F20	4062^21
48	87.6	3805F16	4044F21	4103^22
46	87.7	3870F17	4115F21	4184^23
44	87.7	3912F17	4161F22	4235^24
42	87.4	3931F18	4182F22	4257^24
40	87.2	3949F18	4200F23	4274^24
38	87.0	3959F18	4210F23	4282^24
36	86.7	3969F18	4221F23	4290^24
34	86.4	3979F18	4231F23	4297^25
32	86.1	3990F19	4242F23	4306^25
30	85.8	4001F19	4253F24	4314^25
28	85.6	4012F19	4264F24	4322^25
26	85.3	4023F19	4275F24	4331^25
24	85.0	4034F19	4286F24	4339^25
22	84.7	4045F20	4297F24	4347^25
10	82.9	4103F21	4341^25	4392^26

ALT TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	87.6	3715F 1	3993F11	4062D14	4643
48	87.6	3746F 1	4026F11	4102^15	4702
46	87.7	3808F 2	4094F12	4180^15	4820
44	87.7	3848F 2	4138F12	4228^15	4887
42	87.4	3868F 2	4159F12	4250^16	4945
40	87.2	3886F 3	4178F13	4268^16	4959
38	87.0	3896F 3	4188F13	4278^16	4961
36	86.7	3907F 3	4200F13	4287^17	4962
34	86.4	3919F 4	4212F14	4296^17	4964
32	86.1	3929F 4	4224F14	4306D18	4966
30	85.8	3941F 4	4236F14	4314D18	4968
28	85.6	3953F 4	4249F15	4322D18	4970
26	85.3	3964F 5	4261F15	4331D19	4971
24	85.0	3976F 5	4274F15	4339D19	4973
22	84.7	3988F 5	4286F16	4347D19	4975
10	82.9	4059F 8	4341D18	4392D22	4972

High QNH **+40** per .10" — Engine A/I ON **-490**
Low QNH **-140** per .10" — Wing A/I ON **-490**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
49	90.8	3856F17	4061^21	4106^22
48	90.8	3891F18	4104^22	4149^23
46	90.9	3963F19	4186^23	4234^24
44	90.8	4017F19	4243^24	4291^25
42	90.6	4052F20	4274^24	4322^25
40	90.4	4070F20	4292^24	4340^25
38	90.1	4081F20	4301^25	4349^25
36	89.8	4091F21	4308^25	4356^26
34	89.5	4101F21	4317^25	4364^26
32	89.2	4111F21	4324^25	4372^26
30	89.0	4121F21	4332^25	4380^26
28	88.6	4131F21	4340^25	4388^26
26	88.3	4141F22	4348^25	4397^26
24	88.0	4151F22	4356^26	4406^26
22	87.7	4161F22	4364^26	4416^27
10	86.0	4222F23	4408^27	4467^28

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
49	90.8	3772F 2	4043^12	4106D16	4643
48	90.8	3805F 2	4082^12	4147^16	4702
46	90.9	3868F 3	4159F13	4226^16	4820
44	90.8	3915F 3	4211F13	4281^17	4887
42	90.6	3947F 4	4242^14	4311^18	4945
40	90.4	3965F 4	4261^14	4330^18	4959
38	90.1	3978F 4	4272^15	4341^18	4961
36	89.8	3989F 5	4281^15	4350^19	4962
34	89.5	4001F 5	4291^16	4359^19	4964
32	89.2	4013F 5	4301^16	4370^19	4966
30	89.0	4026F 6	4311^16	4380^20	4968
28	88.6	4038F 6	4320^17	4388D20	4970
26	88.3	4049F 6	4330^17	4397D21	4971
24	88.0	4061F 7	4341^17	4406D21	4973
22	87.7	4073F 7	4350^18	4416D21	4975
10	86.0	4141F 9	4408D20	4467D24	4972

High QNH **+50** per .10" — Engine A/I ON **-480**
Low QNH **-150** per .10" — Wing A/I ON **-480**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
49	90.8	3856F17-17-29	4061^21-21-32	4106^22-22-33	4158^23-23-33
48	90.8	3891F18-18-29	4104^22-22-33	4149^23-23-33	4199^24-24-34
46	90.9	3963F19-19-30	4186^23-23-34	4234^24-24-35	4281^25-25-35
44	90.8	4017F19-19-31	4243^24-24-35	4291^25-25-35	4337^25-25-36
42	90.6	4052F20-20-32	4274^24-24-35	4322^25-25-36	4371^26-26-37
40	90.4	4070F20-20-32	4292^24-24-35	4340^25-25-36	4390^26-26-37
38	90.1	4081F20-20-32	4301^25-25-36	4349^25-25-36	4400^26-26-37
36	89.8	4091F21-21-32	4308^25-25-36	4356^26-26-36	4409^27-27-37
34	89.5	4101F21-21-32	4317^25-25-36	4364^26-26-36	4419^27-27-37
32	89.2	4111F21-21-33	4324^25-25-36	4372^26-26-37	4427^27-27-37
30	89.0	4121F21-21-33	4332^25-25-36	4380^26-26-37	4437^27-27-38
28	88.6	4131F21-21-33	4340^25-25-36	4388^26-26-37	4447^27-27-38
26	88.3	4141F22-22-33	4348^25-25-36	4397^26-26-37	4456^27-27-38
24	88.0	4151F22-22-33	4356^26-26-36	4406^26-26-37	4466^28-28-38
22	87.7	4161F22-22-33	4364^26-26-36	4416^27-27-37	4475^28-28-38
10	86.0	4222F23-23-34	4408^27-27-37	4467^28-28-38	4527^29-29-39

High QNH **+50** per .10" — Engine A/I ON **-480**
Low QNH **-150** per .10" — Wing A/I ON **-480**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	139	Length	6214	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**06 Jan 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	3891F18	4104^22	4149^23
46	3963F19	4186^23	4234^24
44	4017F19	4243^24	4291^25
42	4052F20	4274^24	4322^25
40	4070F20	4292^24	4340^25
38	4081F20	4301^25	4349^25
36	4091F21	4308^25	4356^26
34	4101F21	4317^25	4364^26
32	4111F21	4324^25	4372^26
30	4121F21	4332^25	4380^26
28	4131F21	4340^25	4388^26
26	4141F22	4348^25	4397^26
24	4151F22	4356^26	4406^26
10	4222F23	4408^27	4467^28

High QNH **+50** per .10"
Low QNH **-150** per .10"

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

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3883F17	4097^22	4143^22
3954F18	4180^23	4227^24
4008F19	4236^24	4284^24
4043F20	4268^24	4316^25
4061F20	4286^24	4334^25
4073F20	4295^24	4343^25
4082F20	4302^25	4350^25
4092F21	4310^25	4358^26
4102F21	4318^25	4366^26
4112F21	4326^25	4374^26
4122F21	4334^25	4382^26
4132F21	4342^25	4390^26
4143F22	4350^25	4400^26
4182F23	4359^26	4416^27

High QNH **+50** per .10"
Low QNH **-150** 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	3805F 2	4082^12	4147^16
46	3868F 3	4159F13	4226^16
44	3915F 3	4211F13	4281^17
42	3947F 4	4242^14	4311^18
40	3965F 4	4261^14	4330^18
38	3978F 4	4272^15	4341^18
36	3989F 5	4281^15	4350^19
34	4001F 5	4291^16	4359^19
32	4013F 5	4301^16	4370^19
30	4026F 6	4311^16	4380^20
28	4038F 6	4320^17	4388D20
26	4049F 6	4330^17	4397D21
24	4061F 7	4341^17	4406D21
10	4141F 9	4408D20	4467D24

High QNH **+60** per .10"
Low QNH **-140** per .10"

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

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3799F 2	4076^12	4141^16
3861F 3	4152F13	4220^16
3908F 3	4204F13	4274^17
3940F 4	4236^14	4305^17
3959F 4	4256^14	4325^18
3972F 4	4266^15	4335^18
3983F 5	4276^15	4345^19
3995F 5	4285^15	4354^19
4007F 5	4295^16	4364^19
4019F 6	4305^16	4374D20
4032F 6	4315^17	4382D20
4043F 6	4325^17	4390D20
4055F 7	4335^17	4400D21
4105F 9	4359D20	4416D24

High QNH **+60** per .10"
Low QNH **-140** 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 22 -10T	+0	+10H
28		3704F94	4015F96
26		3772F95	4046F96
24		3814F95	4072^97
22		3829F95	4083^97
20		3859F95	4093^97
15		3940F96	4116^98
10		4020F96	4141^99
5		4087^97	4170^ 0
0		4114^98	4198^ 1
-5		4130F99	4225^ 2
-10		4164^ 0	4249^ 3
-15		4189^ 1	4259^ 4
-20		4207^ 2	4260^ 5
-25	3019F93	4206^ 3	4260^ 7

High QNH **+10** per .10"
Low QNH **-350** per .10"

Engine A/I ON **-640**
Wing A/I ON **-640**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
	3442F98	3547F 2
	3452F99	3559F 2
	3465F99	3570F 2
	3477F99	3582F 3
	3488F 0	3593F 3
	3514F 1	3622F 4
	3544F 1	3653F 5
	3577F 2	3686F 6
	3609F 3	3721F 6
	3641F 4	3754F 7
	3671F 5	3788F 8
2685F 0	3705F 6	3822F 9
2876F 0	3738F 7	3857F10
3081F99	3773F 8	3893F11

High QNH **+60** per .10"
Low QNH **-60** 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 139 Length 6214 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **06 Jan 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D5.5 SLW	D5.7 ISLW	RT H010	5778'	

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	4023F22	4195^25	4224^25	3983F14	4195D23	4224D26	4295
38	88.8	4084F23	4279^26	4308^27	4040F15	4279D23	4308D26	4380
36	89.1	4145F23	4361^27	4390^28	4098F15	4360^24	4390D27	4464
34	89.5	4204F24	4430F28	4467^29	4153F16	4422F24	4467D27	4542
32	89.8	4261F25	4489F29	4545^30	4207F16	4478F25	4545D27	4619
30	90.1	4316F26	4547F30	4628F31	4259F17	4534F25	4627^28	4700
28	90.0	4370F26	4603F31	4684F32	4310F17	4587F26	4684D28	4789
26	89.8	4420F27	4654F31	4737F33	4358F18	4637F26	4736F29	4879
24	89.7	4452F28	4688F32	4771F33	4389F18	4670F27	4767F29	4903
22	89.6	4465F28	4702F32	4786F33	4403F19	4686F27	4784F30	4907
20	89.4	4478F28	4717F32	4801F34	4417F19	4703F27	4801F30	4909
18	89.1	4490F28	4730F32	4814F34	4430F19	4717F28	4814D30	4911
10	87.9	4535F29	4780F33	4833^34	4483F21	4774F29	4833D32	4915
0	86.4	4589F30	4793^34	4826^34	4545F23	4793D31	4826D34	4908
-10	84.8	4649F31	4788^33	4823^34	4615F24	4788D34	4823D34	4911
-20	83.2	4675^32	4782^33	4817^34	4672^26	4782D33	4817D34	4910

High QNH **+60** per .10" Engine A/I ON **-2500**
Low QNH **-170** per .10" Wing A/I ON **-2500**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	91.9	4118F23	4207^25	4235^26	4059F16	4207D25	4235D26	4295
38	92.2	4180F24	4291^26	4319^27	4116F16	4291D25	4319D27	4380
36	92.6	4242F25	4373^28	4402^28	4174F17	4373D26	4402D28	4464
34	92.9	4302F26	4451^29	4480^29	4230F17	4451D26	4480D29	4542
32	93.3	4357F27	4527^30	4557^30	4282F18	4527^27	4557D30	4619
30	93.6	4415F28	4611^31	4641^32	4335F18	4609^27	4641D30	4700
28	93.6	4472F28	4697^32	4727^33	4388F19	4679F27	4727D30	4789
26	93.6	4529F29	4770F33	4808^34	4442F20	4736F28	4807^31	4879
24	93.4	4573F30	4811^34	4842^34	4482F20	4778F29	4842^32	4903
22	93.1	4608F30	4815^34	4846^34	4514F21	4812^29	4846D33	4907
20	92.8	4620F31	4817^34	4847^34	4527F21	4814^30	4847D33	4909
18	92.4	4632F31	4818^34	4848^34	4541F22	4816^30	4848D34	4911
10	91.2	4681F32	4820^34	4852^35	4597F23	4820D32	4852D35	4915
0	89.6	4712^32	4811^34	4844^34	4665F25	4811D34	4844D35	4908
-10	87.9	4704^32	4806^34	4840^34	4701^27	4806D34	4840D34	4911
-20	86.2	4693^32	4799^34	4834^34	4693D30	4799D34	4834D34	4910

High QNH **+70** per .10" Engine A/I ON **-2740**
Low QNH **-170** per .10" Wing A/I ON **-2740**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	91.9	4118F23-23-33	4207^25-25-34	4259F32-32-40	4322F33-33-41
38	92.2	4180F24-24-34	4291^26-26-35	4325F33-33-41	4389F34-34-42
36	92.6	4242F25-25-35	4373^28-28-37	4402^28-28-37	4456F35-35-43
34	92.9	4302F26-26-36	4451^29-29-38	4480^29-29-38	4521F36-36-44
32	93.3	4357F27-27-36	4527^30-30-39	4557^30-30-39	4586^31-31-40
30	93.6	4415F28-28-37	4611^31-31-40	4641^32-32-41	4670^32-32-41
28	93.6	4472F28-28-38	4697^32-32-41	4727^33-33-42	4757^33-33-42
26	93.6	4529F29-29-39	4770F33-33-43	4808^34-34-43	4838^34-34-44
24	93.4	4573F30-30-40	4811^34-34-43	4842^34-34-44	4872^35-35-44
22	93.1	4608F30-30-40	4815^34-34-43	4846^34-34-44	4877^35-35-44
20	92.8	4620F31-31-40	4817^34-34-43	4847^34-34-44	4878^35-35-44
18	92.4	4632F31-31-41	4818^34-34-43	4848^34-34-44	4880^35-35-44
10	91.2	4681F32-32-41	4820^34-34-43	4852^35-35-44	4913F41-41-50
0	89.6	4712^32-32-42	4821F40-40-49	4892F41-41-50	4947C42-42-51
-10	87.9	4704^32-32-42	4878F41-41-50	4951F42-42-51	4954C42-42-51
-20	86.2	4700F38-38-47	4934F42-42-51	4955C42-42-51	4955C42-42-51

High QNH **+40** per .10" Engine A/I ON **-1760**
Low QNH **-170** per .10" Wing A/I ON **-1760**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 4778 Length 9711 Shift **0** Clearway 0 Stopway 0 Slope +1.36
Rwy Rev. Program Rules FAA **27 Sep 17**

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SALTILLO -SLW 17 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
40	4118F23	4207^25	4235^26
38	4180F24	4291^26	4319^27
36	4242F25	4373^28	4402^28
34	4302F26	4451^29	4480^29
32	4357F27	4527^30	4557^30
30	4415F28	4611^31	4641^32
28	4472F28	4697^32	4727^33
26	4529F29	4770F33	4808^34
24	4573F30	4811^34	4842^34
22	4608F30	4815^34	4846^34
20	4620F31	4817^34	4847^34
18	4632F31	4818^34	4848^34
10	4681F32	4820^34	4852^35
0	4712^32	4811^34	4844^34

High QNH **+70** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2740**
Wing A/I ON **-2740**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4106F23	4202^25	4230^26
4168F24	4286^26	4315^27
4231F25	4368^28	4397^28
4290F26	4446^29	4476^29
4347F27	4523^30	4553^30
4404F27	4606^31	4637^32
4461F28	4693^32	4723^33
4518F29	4758F33	4803^34
4562F30	4804F34	4838^34
4597F30	4811^34	4842^34
4609F30	4813^34	4843^34
4621F31	4814^34	4845^34
4453^28	4548^30	4580^31
4639^31	4739^33	4771^33

High QNH **+60** per .10"
Low QNH **-200** per .10"

Engine A/I ON **-30**
Wing A/I ON **-30**

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
40	4059F16	4207D25	4235D26
38	4116F16	4291D25	4319D27
36	4174F17	4373D26	4402D28
34	4230F17	4451D26	4480D29
32	4282F18	4527^27	4557D30
30	4335F18	4609^27	4641D30
28	4388F19	4679F27	4727D30
26	4442F20	4736F28	4807^31
24	4482F20	4778F29	4842^32
22	4514F21	4812^29	4846D33
20	4527F21	4814^30	4847D33
18	4541F22	4816^30	4848D34
10	4597F23	4820D32	4852D35
0	4665F25	4811D34	4844D35

High QNH **+70** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2740**
Wing A/I ON **-2740**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4049F16	4202D25	4230D26
4107F16	4286D25	4315D27
4165F17	4368D26	4397D28
4220F17	4446D26	4476D29
4273F18	4522^26	4553D29
4326F18	4605^27	4637D30
4380F19	4669F27	4723D30
4433F19	4725F28	4803^31
4474F20	4768F28	4838^31
4505F21	4804F29	4842D32
4519F21	4810^30	4843D33
4533F21	4812^30	4845D33
4450^24	4548D30	4580D31
4623F25	4739D33	4771D34

High QNH **+60** per .10"
Low QNH **-200** per .10"

Engine A/I ON **-30**
Wing A/I ON **-30**

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 9 -10T	+0	+10H
28	3866F 1	4094F 9	4170F12
26	3917F 1	4148F10	4226F13
24	3953F 1	4186F10	4266F13
22	3974F 2	4212F11	4292F14
20	3985F 2	4224F11	4304F14
18	3997F 3	4235F12	4317F15
16	4008F 3	4247F12	4330F15
14	4019F 3	4259F12	4342F15
12	4030F 4	4271F13	4356F16
10	4041F 4	4284F13	4369F16
0	4092F 6	4340F15	4428F18
-10	4151F 8	4406F17	4499F20
-20	4211F10	4475F19	4569F22
-30	4269F12	4543F22	4643F25

High QNH **+40** per .10"
Low QNH **-130** per .10"

Engine A/I ON **-1190**
Wing A/I ON **-1190**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
3612F 4	3802F12	3875F15
3666F 5	3859F13	3932F16
3705F 5	3901F14	3975F16
3733F 6	3934F14	4010F17
3742F 6	3945F15	4022F17
3752F 6	3957F15	4034F18
3762F 7	3968F15	4044F18
3771F 7	3980F16	4056F18
3780F 7	3990F16	4068F19
3790F 8	4001F16	4082F19
3832F 9	4056F18	4140F21
3881F11	4117F20	4206F23
3933F13	4181F22	4277F24
3985F15	4248F24	4368F26

High QNH **+40** per .10"
Low QNH **-130** per .10"

Engine A/I ON **-1030**
Wing A/I ON **-1030**

LEVEL 3 CONTAM

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		**27 Sep 17**

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TAR Mexico **EMB-145** **AE3007A1**

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		5778'		**DT H355**	**5778'**	

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	4139^24	4224^25	4252^26	4134^12	4224D23	4252D26	4295
38	88.8	4222^25	4308^27	4337^27	4216^13	4308D23	4337D26	4380
36	89.1	4304^26	4391^28	4420^28	4297^13	4391D23	4420D27	4464
34	89.5	4381^27	4469^29	4498^30	4373^14	4469D24	4498D27	4542
32	89.8	4458^29	4547^30	4576^31	4448^14	4546^24	4576D28	4619
30	90.1	4541^30	4631^31	4660^32	4530^14	4629^25	4660D28	4700
28	90.0	4626^31	4717^33	4747^33	4603F15	4715^25	4747D28	4789
26	89.8	4706^32	4797^34	4828^34	4654F15	4794^25	4827^29	4879
24	89.7	4737^33	4829^34	4860^35	4687F15	4826^26	4860^29	4903
22	89.6	4738^33	4831^34	4862^35	4703F16	4828^26	4862D30	4907
20	89.4	4739^33	4832^34	4863^35	4719F16	4829^27	4863D30	4909
18	89.1	4740^33	4833^34	4865^35	4728^17	4831^27	4865D30	4911
10	87.9	4739^33	4835^34	4867^35	4730^18	4835D29	4867D32	4915
0	86.4	4727^32	4826^34	4860^35	4721^21	4826D31	4860D35	4908
-10	84.8	4720^32	4821^34	4856^35	4716^23	4821D34	4856D35	4911
-20	83.2	4709^32	4814^34	4850^34	4709^26	4814D34	4850D35	4910

High QNH **+70** per .10" Engine A/I ON **-2760**
Low QNH **-170** per .10" Wing A/I ON **-2760**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
40	91.9	4148^24	4233^26	4260^26	4143^14	4233D24	4260D26	4295
38	92.2	4232^25	4317^27	4346^27	4226^14	4317D25	4346D28	4380
36	92.6	4315^27	4401^28	4429^29	4307^15	4401D25	4429D28	4464
34	92.9	4392^28	4478^29	4507^30	4383^15	4478D25	4507D29	4542
32	93.3	4469^29	4556^30	4585^31	4459^15	4556D26	4585D29	4619
30	93.6	4551^30	4640^32	4669^32	4541^16	4640^26	4669D30	4700
28	93.6	4638^31	4727^33	4757^33	4626^16	4725^27	4757D30	4789
26	93.6	4718^32	4808^34	4839^34	4705^16	4806^27	4839D30	4879
24	93.4	4751^33	4842^34	4872^35	4738^17	4839^28	4872D31	4903
22	93.1	4754^33	4845^34	4876^35	4741^18	4844^28	4876D32	4907
20	92.8	4755^33	4846^34	4877^35	4742^18	4845^29	4877D32	4909
18	92.4	4755^33	4847^34	4878^35	4744^19	4847^29	4878D33	4911
10	91.2	4755^33	4849^34	4881^35	4745^20	4849D31	4881D35	4915
0	89.6	4743^33	4840^34	4873^35	4737^23	4840D34	4873D35	4908
-10	87.9	4735^33	4835^34	4868^35	4733^25	4835D34	4868D35	4911
-20	86.2	4724^32	4827^34	4862^35	4724D28	4827D34	4862D35	4910

High QNH **+70** per .10" Engine A/I ON **-2780**
Low QNH **-170** per .10" Wing A/I ON **-2780**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
40	91.9	4276^32-32-41	4346C33-33-42	4346C33-33-42	4346C33-33-42
38	92.2	4362^33-33-42	4431C35-35-43	4431C35-35-43	4431C35-35-43
36	92.6	4445^35-35-43	4517C36-36-44	4517C36-36-44	4517C36-36-44
34	92.9	4513^36-36-44	4599C37-37-46	4599C37-37-46	4599C37-37-46
32	93.3	4570F36-36-45	4677C38-38-47	4677C38-38-47	4677C38-38-47
30	93.6	4627F37-37-46	4754C39-39-48	4754C39-39-48	4754C39-39-48
28	93.6	4683F37-38-47	4830C40-40-49	4830C40-40-49	4830C40-40-49
26	93.6	4740F38-39-48	4906C41-41-50	4906C41-41-50	4906C41-41-50
24	93.4	4785F39-39-49	4944C42-42-51	4944C42-42-51	4944C42-42-51
22	93.1	4827F40-40-49	4947C42-42-51	4947C42-42-51	4947C42-42-51
20	92.8	4843F40-40-49	4949C42-42-51	4949C42-42-51	4949C42-42-51
18	92.4	4855^40-40-50	4951C42-42-51	4951C42-42-51	4951C42-42-51
10	91.2	4892^41-41-50	4956C42-42-51	4956C42-42-51	4956C42-42-51
0	89.6	4891^41-41-50	4947C42-42-51	4947C42-42-51	4947C42-42-51
-10	87.9	4883^41-41-50	4954C42-42-51	4954C42-42-51	4954C42-42-51
-20	86.2	4872^41-41-50	4955C42-42-51	4955C42-42-51	4955C42-42-51

High QNH **+0** per .10" Engine A/I ON **-2660**
Low QNH **-170** per .10" Wing A/I ON **-2660**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	4778	Length	9711	Shift	**0**	Clearway	0	Stopway	0	Slope	-1.36
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
40	4148^24	4233^26	4260^26
38	4232^25	4317^27	4346^27
36	4315^27	4401^28	4429^29
34	4392^28	4478^29	4507^30
32	4469^29	4556^30	4585^31
30	4551^30	4640^32	4669^32
28	4638^31	4727^33	4757^33
26	4718^32	4808^34	4839^34
24	4751^33	4842^34	4872^35
22	4754^33	4845^34	4876^35
20	4755^33	4846^34	4877^35
18	4755^33	4847^34	4878^35
10	4755^33	4849^34	4881^35
0	4743^33	4840^34	4873^35

High QNH **+70** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2780**
Wing A/I ON **-2780**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4143^24	4228^26	4256^26
4227^25	4312^27	4341^27
4310^26	4396^28	4424^29
4388^28	4474^29	4502^30
4465^29	4552^30	4581^31
4547^30	4636^31	4665^32
4633^31	4723^33	4752^33
4714^32	4804^34	4834^34
4747^33	4838^34	4869^35
4751^33	4842^34	4873^35
4751^33	4843^34	4874^35
4752^33	4844^34	4875^35
4481^29	4574^31	4605^31
4669^32	4767^33	4799^34

High QNH **+60** per .10"
Low QNH **-200** per .10"

Engine A/I ON **-30**
Wing A/I ON **-30**

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	4143^14	4233D24	4260D26
38	4226^14	4317D25	4346D28
36	4307^15	4401D25	4429D28
34	4383^15	4478D25	4507D29
32	4459^15	4556D26	4585D29
30	4541^16	4640^26	4669D30
28	4626^16	4725^27	4757D30
26	4705^16	4806^27	4839D30
24	4738^17	4839^28	4872D31
22	4741^18	4844^28	4876D32
20	4742^18	4845^29	4877D32
18	4744^19	4847^29	4878D33
10	4745^20	4849D31	4881D35
0	4737^23	4840D34	4873D35

High QNH **+70** per .10"
Low QNH **-170** per .10"

Engine A/I ON **-2780**
Wing A/I ON **-2780**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4138^14	4228D24	4256D26
4221^14	4312D24	4341D27
4302^14	4396D25	4424D28
4379^15	4474D25	4502D29
4455^15	4552D26	4581D29
4537^16	4636^26	4665D29
4622^16	4721^26	4752D30
4701^16	4802^27	4834D30
4734^17	4836^27	4869D31
4738^18	4840^28	4873D32
4739^18	4842^29	4874D32
4740^19	4843^29	4875D33
4478^22	4574D31	4605D31
4665^23	4767D34	4799D34

High QNH **+60** per .10"
Low QNH **-200** per .10"

Engine A/I ON **-30**
Wing A/I ON **-30**

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	2856F97	4334F 1	4416F 4
26	2736F98	4390F 2	4473F 5
24	2764F99	4429F 2	4513F 5
22	2920F98	4452F 3	4537F 6
20	3059F98	4465F 3	4550F 6
18	3183F98	4476F 3	4564F 6
16	3317F98	4491F 4	4578F 7
14	3453F98	4504F 4	4592F 7
12	3587F98	4517F 4	4605F 8
10	3723F97	4530F 5	4619F 8
0	4329F97	4592F 7	4682F10
-10	4397F99	4664F 9	4756F12
-20	4462F 1	4736F11	4814^15
-30	4528F 3	4768^14	4810^17

High QNH **+50** per .10"
Low QNH **-130** per .10"

Engine A/I ON **-1380**
Wing A/I ON **-1380**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
3756F98	3968F 7	4040F10
3812F98	4028F 8	4101F10
3851F99	4070F 8	4144F11
3876F99	4099F 9	4175F12
3885F 0	4109F 9	4187F12
3896F 0	4120F 9	4199F12
3908F 0	4134F10	4212F13
3918F 1	4144F10	4225F13
3929F 1	4156F10	4237F13
3941F 1	4168F11	4249F14
3990F 3	4224F13	4306F16
4045F 5	4288F15	4374F18
4102F 7	4352F17	4441F20
4160F 9	4419F19	4509F22

High QNH **+40** per .10"
Low QNH **-140** 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	4778	Length	9711	Shift	**0**	Clearway	0	Stopway	0	Slope	-1.36
Rwy Rev.		Program						Rules	FAA		**27 Sep 17**

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TAR Mexico **EMB-145** **AE3007A1**

SAN JOSE DEL CABO -SJD 16 *DT H166*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1381'		DT H166	1381'	

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
49	87.4	4427^28	4523^30	4555^30	4426^22	4523D30	4555D30	4600
48	87.5	4482^29	4580^31	4612^31	4481^22	4580D31	4612D31	4657
46	87.7	4592^30	4691^32	4724^33	4590^23	4691D32	4724D33	4773
44	87.8	4687^32	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	4891^35	4924^36	4782^23	4891D34	4924D36	4958
38	87.2	4797^33	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	4941^36	4795^25	4905D35	4941D36	4968
28	85.8	4799^33	4906^35	4942^36	4796^26	4906D35	4942D36	4970
26	85.5	4800^33	4907^35	4943^36	4797^26	4907D35	4943D36	4971
24	85.2	4800^33	4908^35	4944^36	4798^27	4908D35	4944D36	4973
22	85.0	4800^33	4909^35	4945^36	4799^27	4909D35	4945D36	4975
10	83.2	4789^33	4902^35	4940^36	4789D30	4902D35	4940D36	4971

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.6	4437^28	4533^30	4565^31	4437D24	4533D30	4565D31	4600
48	90.8	4493^29	4590^31	4622^31	4493^24	4590D31	4622D31	4657
46	91.0	4605^31	4702^32	4735^33	4603^24	4702D32	4735D33	4773
44	91.0	4701^32	4801^34	4834^34	4698^25	4801D34	4834D34	4858
42	90.8	4778^33	4878^35	4912^35	4774^25	4878D35	4912D36	4940
40	90.7	4804^34	4906^35	4939^36	4800^26	4906D35	4939D36	4958
38	90.4	4814^34	4917^35	4951^36	4810^26	4917D36	4951D36	4960
36	90.1	4815^34	4918^35	4952^36	4812^27	4918D36	4952D36	4962
34	89.8	4815^34	4919^35	4953^36	4813^27	4919D36	4953D36	4964
32	89.5	4816^34	4920^35	4955^36	4814^28	4920D36	4955D36	4966
30	89.3	4816^34	4921^35	4956^36	4815^28	4921D36	4956D36	4968
28	88.9	4817^34	4922^36	4957^36	4816^29	4922D36	4957D36	4970
26	88.6	4817^34	4923^36	4958^36	4817D29	4923D36	4958D36	4971
24	88.3	4817^34	4924^36	4959^36	4817D30	4924D36	4959D36	4973
22	88.0	4817^34	4925^36	4960^36	4817D30	4925D36	4960D36	4975
10	86.2	4806^34	4917^35	4954^36	4806D33	4917D36	4954D36	4971

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.6	4570^36-36-45	4633C37-37-46	4633C37-37-46	4633C37-37-46
48	90.8	4628^37-37-46	4693C38-38-47	4693C38-38-47	4693C38-38-47
46	91.0	4744^39-39-48	4812C40-40-49	4812C40-40-49	4812C40-40-49
44	91.0	4845^40-40-49	4896C41-41-50	4896C41-41-50	4896C41-41-50
42	90.8	4926^42-42-51	4946C42-42-51	4946C42-42-51	4946C42-42-51
40	90.7	4950^42-42-51	4973C42-42-51	4973C42-42-51	4973C42-42-51
38	90.4	4962^42-42-51	4974C42-42-51	4974C42-42-51	4974C42-42-51
36	90.1	4963^42-42-51	4976C42-42-51	4976C42-42-51	4976C42-42-51
34	89.8	4964^42-42-51	4978C42-42-51	4978C42-42-51	4978C42-42-51
32	89.5	4964^42-42-51	4980C42-42-51	4980C42-42-51	4980C42-42-51
30	89.3	4964^42-42-51	4982C42-42-51	4982C42-42-51	4982C42-42-51
28	88.9	4965^42-42-51	4983C42-42-51	4983C42-42-51	4983C42-42-51
26	88.6	4965^42-42-51	4985C42-42-51	4985C42-42-51	4985C42-42-51
24	88.3	4965^42-42-51	4987C42-42-51	4987C42-42-51	4987C42-42-51
22	88.0	4966^42-42-51	4989C43-43-51	4989C43-43-51	4989C43-43-51
10	86.2	4955^42-42-51	4986C42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-180** per .10" — Wing A/I ON **-850**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	381	Length	9856	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.64
Rwy Rev.		Program						Rules	FAA		**09 Dec 22**

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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	4493^29	4590^31	4622^31	4488^29	4585^31	4617^31			
46	4605^31	4702^32	4735^33	4599^31	4696^32	4729^33			
44	4701^32	4801^34	4834^34	4696^32	4795^34	4828^34			
42	4778^33	4878^35	4912^35	4773^33	4873^35	4907^35			
40	4804^34	4906^35	4939^36	4799^33	4901^35	4935^36			
38	4814^34	4917^35	4951^36	4810^34	4913^35	4947^36			
36	4815^34	4918^35	4952^36	4811^34	4914^35	4948^36			
34	4815^34	4919^35	4953^36	4811^34	4915^35	4949^36			
32	4816^34	4920^35	4955^36	4811^34	4916^35	4950^36			
30	4816^34	4921^35	4956^36	4812^34	4917^35	4951^36			
28	4817^34	4922^36	4957^36	4812^34	4918^35	4952^36			
26	4817^34	4923^36	4958^36	4812^34	4918^35	4953^36			
24	4817^34	4924^36	4959^36	4812^34	4919^35	4955^36			
10	4806^34	4917^35	4954D36	4723^32	4833^34	4870^35			
	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 -830 Wing A/I ON -830			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	4493^24	4590D31	4622D31	4488^24	4585D31	4617D31			
46	4603^24	4702D32	4735D33	4597^24	4696D32	4729D33			
44	4698^25	4801D34	4834D34	4692^25	4795D34	4828D34			
42	4774^25	4878D35	4912D36	4769^25	4873D35	4907D36			
40	4800^26	4906D35	4939D36	4795^26	4901D35	4935D36			
38	4810^26	4917D36	4951D36	4806^26	4913D35	4947D36			
36	4812^27	4918D36	4952D36	4808^27	4914D36	4948D36			
34	4813^27	4919D36	4953D36	4809^27	4915D36	4949D36			
32	4814^28	4920D36	4955D36	4810^28	4916D36	4950D36			
30	4815^28	4921D36	4956D36	4811^28	4917D36	4951D36			
28	4816^29	4922D36	4957D36	4811^28	4918D36	4952D36			
26	4817D29	4923D36	4958D36	4812D29	4918D36	4953D36			
24	4817D30	4924D36	4959D36	4812D29	4919D36	4955D36			
10	4806D33	4917D36	4954D36	4723D33	4833D34	4870D35			
	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 -830 Wing A/I ON -830			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	4434F 3	4704F13	4799F17	4110F 9	4344F18	4428F21			
26	4446F 4	4718F14	4813F17	4121F 9	4354F19	4440F22			
24	4458F 4	4731F14	4827F17	4131F 9	4366F19	4453F22			
22	4470F 4	4745F15	4841F18	4142F10	4378F19	4466F22			
20	4482F 5	4758F15	4855F18	4153F10	4390F20	4478F23			
15	4511F 6	4793F16	4891F19	4178F11	4421F21	4511F24			
10	4540F 7	4825F17	4906^20	4205F12	4449F22	4541F25			
5	4574F 8	4862F18	4910^22	4234F13	4484F23	4577F26			
0	4608F 9	4872^19	4916^23	4260F14	4518F24	4613F27			
-5	4642F10	4875^21	4921^24	4289F15	4552F25	4649F28			
-10	4675F11	4876^22	4922^25	4315F16	4586F26	4686F29			
-15	4706F12	4875^23	4923^27	4342F17	4619F27	4721F30			
-20	4733^13	4875^25	4924^28	4369F18	4655F28	4760F31			
-25	4731^14	4876^26	4926^30	4401F19	4692F29	4797F32			
	High QNH +10 per .10" Low QNH -60 per .10"			High QNH +40 per .10" Low QNH -60 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -830 Wing A/I ON -830			Engine A/I ON -520 Wing A/I ON -520			Engine A/I ON Wing A/I ON		

Elevation 381 Length 9856 Shift **0** Clearway 0 Stopway 0 Slope -0.64

Rwy Rev. Program Rules FAA **09 Dec 22**

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SAN JOSE DEL CABO -SJD 34 *RT H360*

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1381'		RT H360	1381'	

A/C **AUTO**

		ALT TO-1 - DRY RWY			ALT TO-1 - WET RWY			
		Flaps 9			Flaps 9			Dry Rwy Climb Limit
OAT °C	N1%	-10T	+0	+10H	-10T	+0	+10H	
49	87.4	4411^28	4509^30	4542^30	4410^22	4509D30	4542D30	4600
48	87.5	4466^29	4565^30	4597^31	4464^23	4565D30	4597D31	4657
46	87.7	4576^30	4676^32	4709^32	4572^23	4676D32	4709D33	4773
44	87.8	4671^32	4772^33	4806^34	4664F23	4772D33	4806D34	4858
42	87.6	4744^33	4848^34	4882^35	4701F24	4848D33	4882D35	4940
40	87.5	4770^33	4873^35	4908^35	4729F24	4873D34	4908D35	4958
38	87.2	4779^33	4883^35	4919^35	4742F24	4883D34	4919D36	4960
36	86.9	4780^33	4885^35	4920^35	4756F25	4885D35	4920D36	4962
34	86.6	4781^33	4886^35	4922^36	4769F25	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
28	85.8	4782^33	4889^35	4925^36	4777^26	4889D35	4925D36	4970
26	85.5	4782^33	4890^35	4927^36	4779^27	4890D35	4927D36	4971
24	85.2	4783^33	4891^35	4928^36	4779^27	4891D35	4928D36	4973
22	85.0	4783^33	4892^35	4929^36	4780^28	4892D35	4929D36	4975
10	83.2	4772^33	4885^35	4924^36	4772D30	4885D35	4924D36	4971

High QNH **+0** per .10" — Engine A/I ON **-810**
Low QNH **-170** per .10" — Wing A/I ON **-810**

A/C **AUTO**

		TO-1 - DRY RWY			TO-1 - WET RWY			
		Flaps 9			Flaps 9			Dry Rwy Climb Limit
OAT °C	N1%	-10T	+0	+10H	-10T	+0	+10H	
49	90.6	4424^28	4520^30	4552^30	4424D25	4520D30	4552D30	4600
48	90.8	4479^29	4576^31	4609^31	4479D25	4576D31	4609D31	4657
46	91.0	4590^30	4688^32	4721^33	4588^25	4688D32	4721D33	4773
44	91.0	4686^32	4786^33	4820^34	4682^26	4786D34	4820D34	4858
42	90.8	4763^33	4864^35	4898^35	4757^26	4864D35	4898D35	4940
40	90.7	4788^33	4890^35	4925^36	4783^27	4890D35	4925D36	4958
38	90.4	4799^33	4902^35	4937^36	4794^27	4902D35	4937D36	4960
36	90.1	4800^33	4903^35	4938^36	4796^28	4903D35	4938D36	4962
34	89.8	4800^33	4904^35	4939^36	4797^28	4904D35	4939D36	4964
32	89.5	4800^33	4905^35	4941^36	4798^28	4905D35	4941D36	4966
30	89.3	4801^33	4906^35	4942^36	4800^29	4906D35	4942D36	4968
28	88.9	4801^33	4907^35	4943^36	4800^29	4907D35	4943D36	4970
26	88.6	4802^33	4908^35	4944^36	4802^30	4908D35	4944D36	4971
24	88.3	4802^33	4909^35	4945^36	4802D30	4909D35	4945D36	4973
22	88.0	4802^33	4910^35	4946^36	4802D31	4910D35	4946D36	4975
10	86.2	4791^33	4902^35	4940^36	4791D33	4902D35	4940D36	4971

High QNH **+0** per .10" — Engine A/I ON **-820**
Low QNH **-170** per .10" — Wing A/I ON **-820**

A/C **AUTO**

		TO-1 - DRY RWY - OPT V2			
		Flaps 9			
OAT °C	N1%	-10T	+0	+10H	+20H
49	90.6	4501F35-35-44	4633C37-37-46	4633C37-37-46	4633C37-37-46
48	90.8	4542F36-36-45	4693C38-38-47	4693C38-38-47	4693C38-38-47
46	91.0	4624F37-37-46	4812C40-40-49	4812C40-40-49	4812C40-40-49
44	91.0	4694F38-38-47	4896C41-41-50	4896C41-41-50	4896C41-41-50
42	90.8	4763^33-33-42	4946C42-42-51	4946C42-42-51	4946C42-42-51
40	90.7	4788^33-33-43	4973C42-42-51	4973C42-42-51	4973C42-42-51
38	90.4	4803F39-39-49	4974C42-42-51	4974C42-42-51	4974C42-42-51
36	90.1	4815F40-40-49	4976C42-42-51	4976C42-42-51	4976C42-42-51
34	89.8	4827F40-40-49	4978C42-42-51	4978C42-42-51	4978C42-42-51
32	89.5	4838F40-40-49	4980C42-42-51	4980C42-42-51	4980C42-42-51
30	89.3	4850F40-40-49	4982C42-42-51	4982C42-42-51	4982C42-42-51
28	88.9	4861F40-40-50	4983C42-42-51	4983C42-42-51	4983C42-42-51
26	88.6	4873F40-40-50	4985C42-42-51	4985C42-42-51	4985C42-42-51
24	88.3	4886F41-41-50	4987C42-42-51	4987C42-42-51	4987C42-42-51
22	88.0	4898F41-41-50	4989C43-43-51	4989C43-43-51	4989C43-43-51
10	86.2	4938^42-42-51	4986C42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+0** per .10" — Engine A/I ON **-850**
Low QNH **-180** per .10" — Wing A/I ON **-850**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	381	Length	9856	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.64
Rwy Rev.		Program						Rules	FAA		**09 Dec 22**

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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	4479^29	4576^31	4609^31	4474^29	4571^30	4603^31			
46	4590^30	4688^32	4721^33	4584^30	4682^32	4715^33			
44	4686^32	4786^33	4820^34	4680^32	4781^33	4814^34			
42	4763^33	4864^35	4898^35	4757^33	4859^35	4893^35			
40	4788^33	4890^35	4925^36	4784^33	4886^35	4920^36			
38	4799^33	4902^35	4937^36	4794^33	4897^35	4932^36			
36	4800^33	4903^35	4938^36	4795^33	4899^35	4934^36			
34	4800^33	4904^35	4939^36	4796^33	4900^35	4935^36			
32	4800^33	4905^35	4941^36	4796^33	4901^35	4936^36			
30	4801^33	4906^35	4942^36	4796^33	4901^35	4937^36			
28	4801^33	4907^35	4943^36	4797^33	4902^35	4938^36			
26	4802^33	4908^35	4944^36	4797^33	4903^35	4939^36			
24	4802^33	4909^35	4945^36	4797^33	4904^35	4940^36			
10	4791^33	4902^35	4940D36	4708^32	4820^34	4857^35			
	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 -820 Wing A/I ON -820			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	4479D25	4576D31	4609D31	4474^25	4571D31	4603D31			
46	4588^25	4688D32	4721D33	4582^25	4682D32	4715D33			
44	4682^26	4786D34	4820D34	4676^25	4781D34	4814D34			
42	4757^26	4864D35	4898D35	4752^26	4859D35	4893D35			
40	4783^27	4890D35	4925D36	4778^26	4886D35	4920D36			
38	4794^27	4902D35	4937D36	4789^27	4897D35	4932D36			
36	4796^28	4903D35	4938D36	4791^27	4899D35	4934D36			
34	4797^28	4904D35	4939D36	4792^28	4900D35	4935D36			
32	4798^28	4905D35	4941D36	4794^28	4901D35	4936D36			
30	4800^29	4906D35	4942D36	4795^29	4901D35	4937D36			
28	4800^29	4907D35	4943D36	4795^29	4902D35	4938D36			
26	4802^30	4908D35	4944D36	4797^30	4903D35	4939D36			
24	4802D30	4909D35	4945D36	4797D30	4904D35	4940D36			
10	4791D33	4902D35	4940D36	4708D32	4820D34	4857D35			
	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 -820 Wing A/I ON -820			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	4315F 8	4578F17	4671F20	4024F12	4257F21	4343F24			
26	4327F 8	4591F18	4685F21	4034F12	4269F21	4356F24			
24	4339F 8	4604F18	4698F21	4044F12	4280F21	4369F24			
22	4350F 9	4617F19	4711F22	4053F13	4293F22	4382F25			
20	4360F 9	4630F19	4725F22	4063F13	4305F22	4395F25			
15	4389F10	4663F20	4761F23	4088F14	4334F23	4429F26			
10	4418F11	4694F21	4793F24	4112F15	4365F24	4461F27			
5	4451F12	4731F22	4831F25	4138F16	4399F25	4497F28			
0	4483F13	4768F23	4868F26	4168F17	4435F26	4535F29			
-5	4515F14	4805F24	4902^27	4195F18	4470F27	4570F29			
-10	4544F15	4841F25	4906^28	4222F19	4504F28	4616F30			
-15	4575F16	4857^26	4907^30	4251F20	4539F28	4663F31			
-20	4609F17	4859^28	4910^31	4281F21	4575F29	4674F31			
-25	4643F18	4861^29	4934D32	4310F22	4620F30	4519F28			
	High QNH +10 per .10" Low QNH -60 per .10"			High QNH +50 per .10" Low QNH -70 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -760 Wing A/I ON -760			Engine A/I ON -460 Wing A/I ON -460			Engine A/I ON Wing A/I ON		

Elevation 381 Length 9856 Shift **0** Clearway 0 Stopway 0 Slope +0.64

Rwy Rev. Program Rules FAA **09 Dec 22**

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SAN LUIS POTOSI -SLP 14 *RT H155*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7033'		RT H155	7033'	

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
37	88.9	4027^22	4110^24	4137^24	4021^12	4110D22	4137D24	4192
36	89.0	4067^23	4150^24	4178^25	4060^13	4150D22	4178D25	4234
34	89.2	4145^24	4229^26	4256^26	4127F13	4229D23	4256D26	4312
32	89.5	4222^25	4307^27	4335^27	4183F14	4307D23	4335D26	4390
30	89.7	4303^26	4387^28	4416^28	4238F14	4387D23	4416D27	4471
28	89.8	4384^27	4470^29	4499^30	4295F15	4469^24	4499D27	4556
26	89.9	4455F28	4552^30	4581^31	4352F15	4550^24	4581D27	4640
24	90.0	4513F29	4634^31	4663^32	4407F16	4630^25	4663^28	4724
22	90.1	4558F30	4678^32	4708^32	4448F16	4674^25	4707^28	4765
20	90.2	4571F30	4680^32	4710^33	4463F16	4677^25	4710D29	4770
15	89.5	4593^30	4683^32	4713^33	4496F17	4681^27	4713D30	4774
10	88.7	4592^30	4685^32	4715^33	4528F18	4684^28	4715D31	4777
5	87.9	4592^30	4685^32	4716^33	4562F19	4685D29	4716D32	4780
0	87.1	4586^30	4681^32	4712^33	4579^20	4681D30	4712D33	4779
-5	86.3	4575^30	4671^32	4703^32	4570^21	4671D31	4703D33	4770
-10	85.5	4573^30	4670^32	4703^32	4569^23	4670D32	4703D32	4772

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
37	92.2	4038^22	4119^24	4146^24	4032^14	4119D24	4146D25	4192
36	92.4	4078^23	4160^25	4187^25	4071^14	4160D24	4187D25	4234
34	92.7	4156^24	4238^26	4266^26	4148^15	4238D24	4266D26	4312
32	93.0	4233^25	4317^27	4345^27	4225^15	4317D25	4345D27	4390
30	93.2	4314^27	4398^28	4426^29	4304^15	4398D25	4426D28	4471
28	93.5	4396^28	4481^29	4509^30	4364F16	4481D26	4509D29	4556
26	93.8	4478^29	4564^30	4593^31	4423F16	4563^26	4593D29	4640
24	93.9	4559^30	4646^32	4675^32	4483F17	4644^26	4675D30	4724
22	93.8	4604^31	4692^32	4720^33	4530F18	4690^27	4720D30	4765
20	93.6	4609^31	4696^32	4726^33	4563F18	4696^28	4726D31	4770
15	92.8	4610^31	4699^32	4728^33	4598^19	4699D29	4728D33	4774
10	92.0	4610^31	4700^32	4730^33	4600^20	4700D31	4730D33	4777
5	91.2	4609^31	4701^32	4731^33	4601^22	4701D32	4731D33	4780
0	90.3	4603^31	4697^32	4728^33	4598^23	4697D32	4728D33	4779
-5	89.5	4592^30	4687^32	4718^33	4589^24	4687D32	4718D33	4770
-10	88.7	4589^30	4686^32	4717^33	4588^25	4686D32	4717D33	4772

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
37	92.2	4075F29-29-37	4235^32-32-40	4248C32-32-40	4248C32-32-40
36	92.4	4106F29-29-38	4273^32-32-41	4290C33-33-41	4290C33-33-41
34	92.7	4166F30-30-39	4347^33-33-42	4370C34-34-42	4370C34-34-42
32	93.0	4233^25-25-35	4419^34-34-43	4448C35-35-43	4448C35-35-43
30	93.2	4314^27-27-36	4491^35-35-44	4526C36-36-45	4526C36-36-45
28	93.5	4396^28-28-37	4562F36-36-45	4613C37-37-46	4613C37-37-46
26	93.8	4478^29-29-38	4625F37-37-46	4691^38-38-47	4699C39-39-47
24	93.9	4559^30-30-40	4691F38-38-47	4770F39-39-48	4785C40-40-49
22	93.8	4604^31-31-40	4748F39-39-48	4817^40-40-49	4829C40-40-49
20	93.6	4609^31-31-40	4788^40-40-49	4833C40-40-49	4833C40-40-49
15	92.8	4610^31-31-40	4802^40-40-49	4838C40-40-49	4838C40-40-49
10	92.0	4621F37-37-46	4815^40-40-49	4841C41-41-49	4841C41-41-49
5	91.2	4652F37-37-47	4827^40-40-49	4845C41-41-49	4845C41-41-49
0	90.3	4683F38-38-47	4836^40-40-49	4848C41-41-50	4848C41-41-50
-5	89.5	4703^38-38-47	4825^40-40-49	4836C40-40-49	4836C40-40-49
-10	88.7	4715^38-38-47	4823^40-40-49	4839C40-40-49	4839C40-40-49

High QNH **+100** per .10" Engine A/I ON **-3920**
Low QNH **-170** per .10" Wing A/I ON **-3920**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 6033 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.06
Rwy Rev. Program Rules FAA **19 Oct 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
37	4038^22	4119^24	4146^24
36	4078^23	4160^25	4187^25
34	4156^24	4238^26	4266^26
32	4233^25	4317^27	4345^27
30	4314^27	4398^28	4426^29
28	4396^28	4481^29	4509^30
26	4478^29	4564^30	4593^31
24	4559^30	4646^32	4675^32
22	4604^31	4692^32	4720^33
20	4609^31	4696^32	4726^33
15	4610^31	4699^32	4728^33
10	4610^31	4700^32	4730^33
5	4609^31	4701^32	4731^33
0	4603^31	4697^32	4728^33

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
37	4033^22	4114^24	4141^24
36	4073^23	4154^24	4182^25
34	4152^24	4234^26	4261^26
32	4230^25	4313^27	4341^27
30	4310^26	4394^28	4422^28
28	4392^28	4476^29	4505^30
26	4474^29	4560^30	4588^31
24	4556^30	4643^32	4672^32
22	4602^31	4690^32	4718^33
20	4607^31	4695^32	4724^33
15	4608^31	4697^32	4726^33
10	4204^25	4292^26	4321^27
5	4471^29	4563^30	4594^31
0	4535^30	4628^31	4659^32

High QNH **+100** per .10"
Low QNH **-220** per .10"

Engine A/I ON **-310**
Wing A/I ON **-310**

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
37	4032^14	4119D24	4146D25
36	4071^14	4160D24	4187D25
34	4148^15	4238D24	4266D26
32	4225^15	4317D25	4345D27
30	4304^15	4398D25	4426D28
28	4364F16	4481D26	4509D29
26	4423F16	4563^26	4593D29
24	4483F17	4644^26	4675D30
22	4530F18	4690^27	4720D30
20	4563F18	4696^28	4726D31
15	4598^19	4699D29	4728D33
10	4600^20	4700D31	4730D33
5	4601^22	4701D32	4731D33
0	4598^23	4697D32	4728D33

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
37	4027^14	4114D24	4141D24
36	4066^14	4154D24	4182D25
34	4143^14	4234D24	4261D26
32	4221^15	4313D25	4341D27
30	4297F15	4394D25	4422D28
28	4356F16	4476D25	4505D29
26	4414F16	4558^26	4588D29
24	4475F17	4641^26	4672D29
22	4522F17	4687^27	4718D30
20	4556F18	4694^28	4724D31
15	4592F19	4697D29	4726D32
10	4204D23	4292D27	4321D27
5	4467^22	4563D31	4594D31
0	4531^23	4628D31	4659D32

High QNH **+100** per .10"
Low QNH **-220** per .10"

Engine A/I ON **-310**
Wing A/I ON **-310**

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	3826F96	4047F 5	4123F 7
26	3885F96	4108F 5	4185F 8
24	3945F96	4170F 5	4248F 8
22	3986F97	4215F 6	4295F 9
20	4009F97	4242F 6	4323F 9
15	4038F98	4272F 7	4356F10
10	4065F99	4304F 8	4389F11
5	4093F 0	4336F 9	4422F12
0	4119F 1	4366F10	4453F13
-5	4146F 2	4396F11	4484F14
-10	4177F 3	4431F12	4517F15
-15	4207F 4	4466F13	4553F17
-20	4237F 5	4499F15	4587F18
-25	4267F 6	4529F16	4621F19

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	+0	+10H
28	3541F 0	3731F 9	3795F11
26	3601F 1	3794F 9	3859F12
24	3662F 1	3862F10	3926F12
22	3710F 2	3913F10	3979F13
20	3741F 2	3948F11	4016F14
15	3767F 3	3975F12	4044F15
10	3793F 4	4001F13	4070F16
5	3818F 5	4028F14	4099F16
0	3842F 6	4053F15	4126F17
-5	3868F 7	4079F16	4154F18
-10	3895F 7	4108F17	4186F19
-15	3921F 8	4136F18	4218F20
-20	3945F 9	4166F19	4250F21
-25	3968F10	4194F20	4278F22

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

Engine A/I ON **-1850**
Wing A/I ON **-1850**

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 9843 Shift **0** Clearway 0 Stopway 0 Slope +0.06
Rwy Rev. Program Rules FAA **19 Oct 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		7033'		RT H005	7033'	

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
37	88.9	4029^22	4111^24	4138^24	4023^12	4111D22	4138D24	4192
36	89.0	4069^23	4151^24	4179^25	4062^13	4151D22	4179D25	4234
34	89.2	4147^24	4230^26	4258^26	4139^13	4230D23	4258D26	4312
32	89.5	4224^25	4308^27	4336^27	4195F13	4308D23	4336D26	4390
30	89.7	4304^26	4389^28	4417^28	4251F14	4389D23	4417D27	4471
28	89.8	4386^28	4471^29	4500^30	4308F14	4470^24	4500D27	4556
26	89.9	4467^29	4554^30	4583^31	4365F15	4552^24	4583D27	4640
24	90.0	4530F30	4635^31	4665^32	4420F15	4632^24	4664^28	4724
22	90.1	4575F30	4679^32	4709^33	4461F16	4676^25	4709^28	4765
20	90.2	4588F30	4682^32	4712^33	4475F16	4679^25	4712D29	4770
15	89.5	4594^31	4684^32	4715^33	4509F17	4683^27	4715D30	4774
10	88.7	4594^30	4686^32	4717^33	4544F18	4686^28	4717D31	4777
5	87.9	4593^30	4687^32	4717^33	4576F19	4687D29	4717D32	4780
0	87.1	4588^30	4682^32	4714^33	4580^20	4682D30	4714D33	4779
-5	86.3	4577^30	4673^32	4705^32	4571^21	4673D31	4705D33	4770
-10	85.5	4575^30	4672^32	4704^32	4571^23	4672D32	4704D33	4772

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
37	92.2	4039^22	4120^24	4148^24	4034^14	4120D24	4148D25	4192
36	92.4	4079^23	4161^25	4188^25	4073^14	4161D24	4188D25	4234
34	92.7	4157^24	4240^26	4267^26	4150^15	4240D24	4267D26	4312
32	93.0	4234^25	4318^27	4346^27	4227^15	4318D25	4346D27	4390
30	93.2	4315^27	4399^28	4427^29	4305^15	4399D25	4427D28	4471
28	93.5	4397^28	4482^29	4510^30	4377F16	4482D26	4510D29	4556
26	93.8	4479^29	4565^30	4594^31	4436F16	4564^26	4594D29	4640
24	93.9	4560^30	4648^32	4676^32	4496F17	4646^26	4676D30	4724
22	93.8	4605^31	4692^32	4721^33	4543F17	4691^27	4721D30	4765
20	93.6	4610^31	4698^32	4727^33	4576F18	4698^28	4727D31	4770
15	92.8	4612^31	4700^32	4730^33	4600^19	4700D29	4730D33	4774
10	92.0	4611^31	4702^32	4732^33	4602^20	4702D31	4732D33	4777
5	91.2	4610^31	4702^32	4733^33	4603^21	4702D32	4733D33	4780
0	90.3	4605^31	4698^32	4729^33	4599^23	4698D32	4729D33	4779
-5	89.5	4593^30	4688^32	4719^33	4590^24	4688D32	4719D33	4770
-10	88.7	4591^30	4687^32	4719^33	4589^25	4687D32	4719D33	4772

High QNH **+100** per .10" Engine A/I ON **-4080**
Low QNH **-170** per .10" Wing A/I ON **-4080**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
37	92.2	4091F29-29-38	4240^32-32-40	4248C32-32-40	4248C32-32-40
36	92.4	4122F29-29-38	4281^32-32-41	4290C33-33-41	4290C33-33-41
34	92.7	4182F30-30-39	4362^34-34-42	4370C34-34-42	4370C34-34-42
32	93.0	4240F31-31-40	4444^35-35-43	4448C35-35-43	4448C35-35-43
30	93.2	4315^27-27-36	4517F36-36-44	4526C36-36-45	4526C36-36-45
28	93.5	4397^28-28-37	4580F37-37-45	4613C37-37-46	4613C37-37-46
26	93.8	4479^29-29-38	4642F38-38-46	4699C39-39-47	4699C39-39-47
24	93.9	4560^30-30-40	4708F38-38-47	4785C40-40-49	4785C40-40-49
22	93.8	4605^31-31-40	4765F39-39-48	4829C40-40-49	4829C40-40-49
20	93.6	4610^31-31-40	4809F40-40-49	4833C40-40-49	4833C40-40-49
15	92.8	4612^31-31-40	4838C40-40-49	4838C40-40-49	4838C40-40-49
10	92.0	4639F37-37-46	4840^41-41-49	4841C41-41-49	4841C41-41-49
5	91.2	4669F38-38-47	4841^40-40-49	4845C41-41-49	4845C41-41-49
0	90.3	4701F38-38-47	4838^40-40-49	4848C41-41-50	4848C41-41-50
-5	89.5	4728F39-39-48	4826^40-40-49	4836C40-40-49	4836C40-40-49
-10	88.7	4733^39-39-48	4825^40-40-49	4839C40-40-49	4839C40-40-49

High QNH **+100** per .10" Engine A/I ON **-4160**
Low QNH **-170** per .10" Wing A/I ON **-4160**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 6033 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope -0.06
Rwy Rev. Program Rules FAA **19 Oct 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
37	4039^22	4120^24	4148^24
36	4079^23	4161^25	4188^25
34	4157^24	4240^26	4267^26
32	4234^25	4318^27	4346^27
30	4315^27	4399^28	4427^29
28	4397^28	4482^29	4510^30
26	4479^29	4565^30	4594^31
24	4560^30	4648^32	4676^32
22	4605^31	4692^32	4721^33
20	4610^31	4698^32	4727^33
15	4612^31	4700^32	4730^33
10	4611^31	4702^32	4732^33
5	4610^31	4702^32	4733^33
0	4605^31	4698^32	4729^33

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

Engine A/I ON **-4080**
Wing A/I ON **-4080**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
37	4034^22	4115^24	4142^24
36	4074^23	4156^24	4183^25
34	4152^24	4235^26	4263^26
32	4230^25	4314^27	4342^27
30	4310^26	4395^28	4423^29
28	4392^28	4478^29	4506^30
26	4475^29	4561^30	4590^31
24	4558^30	4645^32	4673^32
22	4603^31	4690^32	4720^33
20	4608^31	4696^32	4725^33
15	4609^31	4698^32	4727^33
10	4205^25	4293^27	4322^27
5	4472^29	4564^30	4595^31
0	4536^30	4629^31	4660^32

High QNH **+100** per .10"
Low QNH **-220** per .10"

Engine A/I ON **-310**
Wing A/I ON **-310**

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
37	4034^14	4120D24	4148D25
36	4073^14	4161D24	4188D25
34	4150^15	4240D24	4267D26
32	4227^15	4318D25	4346D27
30	4305^15	4399D25	4427D28
28	4377F16	4482D26	4510D29
26	4436F16	4564^26	4594D29
24	4496F17	4646^26	4676D30
22	4543F17	4691^27	4721D30
20	4576F18	4698^28	4727D31
15	4600^19	4700D29	4730D33
10	4602^20	4702D31	4732D33
5	4603^21	4702D32	4733D33
0	4599^23	4698D32	4729D33

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

Engine A/I ON **-4080**
Wing A/I ON **-4080**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
37	4028^14	4115D24	4142D24
36	4068^14	4156D24	4183D25
34	4145^14	4235D24	4263D26
32	4222^15	4314D25	4342D27
30	4301^15	4395D25	4423D28
28	4368F16	4478D25	4506D29
26	4427F16	4560^26	4590D29
24	4488F17	4643^26	4673D29
22	4537F17	4689^27	4720D30
20	4569F18	4696^28	4725D31
15	4598^19	4698D29	4727D32
10	4205D22	4293D27	4322D27
5	4469^22	4564D31	4595D31
0	4532^23	4629D31	4660D32

High QNH **+100** per .10"
Low QNH **-220** per .10"

Engine A/I ON **-310**
Wing A/I ON **-310**

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	3837F95	4057F 4	4135F 7
26	3895F96	4119F 5	4195F 7
24	3956F96	4180F 5	4258F 8
22	3995F97	4226F 6	4305F 8
20	4020F97	4253F 6	4333F 9
15	4047F98	4285F 7	4367F10
10	4075F99	4316F 8	4400F11
5	4105F 0	4346F 9	4433F12
0	4129F 1	4377F10	4464F13
-5	4156F 2	4408F11	4495F14
-10	4188F 3	4442F12	4530F15
-15	4217F 4	4477F13	4564F16
-20	4248F 5	4510F14	4599F17
-25	4278F 6	4542F15	4633F18

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

Engine A/I ON **-1990**
Wing A/I ON **-1990**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3547F 0	3738F 9	3803F11
26	3608F 0	3802F 9	3868F12
24	3669F 1	3868F 9	3934F12
22	3716F 1	3920F10	3988F13
20	3747F 2	3956F11	4023F14
15	3773F 3	3983F12	4052F14
10	3799F 4	4009F12	4078F15
5	3825F 5	4036F13	4107F16
0	3847F 5	4060F14	4133F17
-5	3873F 6	4085F15	4162F18
-10	3900F 7	4116F16	4194F19
-15	3929F 8	4145F17	4226F20
-20	3953F 9	4173F18	4257F21
-25	3976F10	4202F19	4288F22

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

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

LEVEL 3 CONTAM

Flaps

-10T	+0	+10H

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

Engine A/I ON
Wing A/I ON

Elevation	6033	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.06
Rwy Rev.		Program						Rules	FAA		**19 Oct 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1080'		DT H141	1080'	

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	4403F27	4627^31	4660^32	4325F15	4620F24	4660^27	4713
46	87.7	4480F28	4736F33	4773^33	4398F15	4698F25	4772^28	4832
44	87.6	4527F29	4788F33	4860^35	4444F16	4748F25	4853F28	4894
42	87.4	4547F29	4808F34	4897F35	4464F16	4769F25	4875F28	4946
40	87.2	4564F29	4827F34	4917F35	4482F16	4789F26	4895F29	4959
38	86.9	4575F30	4839F34	4928^36	4495F17	4802F26	4909F29	4961
36	86.6	4587F30	4851F34	4930^36	4507F17	4816F26	4923F29	4962
34	86.3	4598F30	4863F35	4932^36	4520F17	4830F27	4930^30	4964
32	86.1	4610F30	4876F35	4933^36	4533F18	4844F27	4932^30	4966
30	85.8	4622F30	4886F35	4934^36	4546F18	4858F27	4933^31	4968
20	84.4	4683F31	4903^35	4939^36	4611F20	4901^29	4939D33	4976
10	82.9	4741F32	4895^35	4933^36	4679F22	4895D32	4933D35	4972
0	81.4	4782^33	4899^35	4939^36	4751F23	4899D34	4939D36	4984
-10	79.9	4776^33	4897^35	4938^36	4773^26	4897D35	4938D36	4987
-20	78.4	4764^33	4889^35	4931^36	4764D28	4889D35	4931D36	4985
-30	76.8	4750^33	4879^35	4923^35	4750D31	4879D35	4923D36	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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4505F29	4638^31	4670^32	4400F16	4636^26	4670D29	4713
46	90.9	4588F30	4752^33	4785^34	4475F17	4748^26	4785D30	4832
44	90.8	4652F31	4839^34	4873^35	4531F17	4834^27	4873^30	4894
42	90.6	4695F32	4897^35	4932^36	4568F18	4888F27	4930^31	4946
40	90.3	4713F32	4907^35	4942^36	4587F18	4902^28	4940^31	4959
38	90.0	4726F32	4910^35	4945^36	4599F19	4906^28	4945^32	4961
36	89.7	4737F32	4912^35	4946^36	4612F19	4907^29	4946D32	4962
34	89.5	4748F33	4913^35	4948^36	4625F19	4909^29	4948D33	4964
32	89.2	4760F33	4914^35	4949^36	4639F20	4911^30	4949D33	4966
30	88.9	4772F33	4915^35	4950^36	4653F20	4913^30	4950D34	4968
20	87.4	4810^34	4919^35	4955^36	4723F22	4919D32	4955D36	4976
10	85.9	4798^33	4910^35	4949^36	4791^24	4910D35	4949D36	4972
0	84.3	4799^33	4915^35	4954^36	4795^26	4915D35	4954D36	4984
-10	82.8	4793^33	4912^35	4952^36	4792^29	4912D35	4952D36	4987
-20	81.2	4780^33	4904^35	4946^36	4780D31	4904D35	4946D36	4985
-30	79.6	4765^33	4894^35	4937^36	4765D33	4894D35	4937D36	4983

High QNH **+0** per .10" — Engine A/I ON **-860**
Low QNH **-170** per .10" — Wing A/I ON **-860**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4505F29-29-39	4638^31-31-41	4675F38-38-47	4747C39-39-48
46	90.9	4588F30-30-40	4752^33-33-42	4785^34-34-43	4846F40-40-49
44	90.8	4652F31-31-41	4839^34-34-43	4873^35-35-44	4911F41-41-50
42	90.6	4695F32-32-41	4897^35-35-44	4932^36-36-45	4959F42-42-51
40	90.3	4713F32-32-42	4907^35-35-44	4942^36-36-45	4974C42-42-51
38	90.0	4726F32-32-42	4910^35-35-44	4945^36-36-45	4975C42-42-51
36	89.7	4737F32-32-42	4912^35-35-44	4946^36-36-45	4976C42-42-51
34	89.5	4748F33-33-42	4913^35-35-45	4948^36-36-45	4977C42-42-51
32	89.2	4760F33-33-42	4914^35-35-45	4949^36-36-45	4979C42-42-51
30	88.9	4772F33-33-42	4915^35-35-45	4953F42-42-51	4981C42-42-51
20	87.4	4810^34-34-43	4928F41-41-51	4990C43-43-51	4990C43-43-51
10	85.9	4798^33-33-43	4986C42-42-51	4986C42-42-51	4986C42-42-51
0	84.3	4799^33-33-43	4998C43-43-52	4998C43-43-52	4998C43-43-52
-10	82.8	4850F40-40-49	5003C43-43-52	5003C43-43-52	5003C43-43-52
-20	81.2	4913F41-41-50	5000C43-43-52	5000C43-43-52	5000C43-43-52
-30	79.6	4914^41-41-50	4996C43-43-52	4996C43-43-52	4996C43-43-52

High QNH **+0** per .10" — Engine A/I ON **-890**
Low QNH **-170** per .10" — Wing A/I ON **-890**

ALL DATA BASED ON TO-1 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	4505F29	4638^31	4670^32	4495F29	4632^31	4665^32			
46	4588F30	4752^33	4785^34	4577F30	4746^33	4779^33			
44	4652F31	4839^34	4873^35	4640F31	4834^34	4868^35			
42	4695F32	4897^35	4932^36	4684F32	4893^35	4927^36			
40	4713F32	4907^35	4942^36	4702F32	4902^35	4937^36			
38	4726F32	4910^35	4945^36	4715F32	4906^35	4941^36			
36	4737F32	4912^35	4946^36	4726F32	4907^35	4942^36			
34	4748F33	4913^35	4948^36	4738F32	4908^35	4944^36			
32	4760F33	4914^35	4949^36	4749F33	4909^35	4945^36			
30	4772F33	4915^35	4950^36	4761F33	4910^35	4946^36			
20	4810^34	4919^35	4955^36	4805^34	4915^35	4951^36			
10	4798^33	4910^35	4949^36	4714^32	4826^34	4863^35			
0	4799^33	4915^35	4954^36	4714^32	4828^34	4867^35			
-10	4793^33	4912^35	4952^36	4706^32	4825^34	4864^35			

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		**-860**		Engine A/I ON		**+0**		Engine A/I ON	
Wing A/I ON		**-860**		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	4400F16	4636^26	4670D29	4392F16	4631^26	4665D29			
46	4475F17	4748^26	4785D30	4467F16	4742^26	4779D30			
44	4531F17	4834^27	4873^30	4522F17	4829^27	4867^30			
42	4568F18	4888F27	4930^31	4560F18	4879F27	4925^31			
40	4587F18	4902^28	4940^31	4578F18	4897^28	4936^31			
38	4599F19	4906^28	4945^32	4593F18	4901^28	4940^32			
36	4612F19	4907^29	4946D32	4604F19	4903^29	4942D32			
34	4625F19	4909^29	4948D33	4618F19	4905^29	4944D32			
32	4639F20	4911^30	4949D33	4631F19	4907^29	4945D33			
30	4653F20	4913^30	4950D34	4645F20	4908^30	4946D33			
20	4723F22	4919D32	4955D36	4715F22	4915D32	4951D36			
10	4791^24	4910D35	4949D36	4709^24	4826D34	4863D35			
0	4795^26	4915D35	4954D36	4712^26	4828D34	4867D35			
-10	4792^29	4912D35	4952D36	4706D29	4825D34	4864D35			

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		**-860**		Engine A/I ON		**+0**		Engine A/I ON	
Wing A/I ON		**-860**		Wing A/I ON		**+0**		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	4052F98	4311F 8	4406F11	3619F 3	4032F11	4196F13			
26	4063F98	4324F 8	4419F11	3632F 3	4050F11	4214F14			
24	4073F98	4336F 8	4432F12	3645F 3	4067F12	4233F14			
22	4085F99	4349F 9	4445F12	3657F 4	4087F12	4252F14			
20	4095F99	4361F 9	4456F13	3668F 4	4107F12	4274F15			
18	4105F99	4373F10	4469F13	3682F 4	4124F12	4287^15			
16	4115F 0	4385F10	4483F13	3692F 5	4143F13	4285^15			
14	4125F 0	4397F10	4496F14	3707F 5	4161F13	4283^15			
12	4135F 1	4410F11	4509F14	3707F 5	4182F13	4280^15			
10	4146F 1	4423F11	4522F15	3737F 5	4192F13	4280^15			
0	4206F 3	4492F13	4597F17	3819F 7	4242^14	4286^15			
-10	4264F 5	4563F15	4671F19	3900F 9	4238^14	4283^15			
-20	4327F 7	4636F18	4747F21	3981F10	4231^14	4277^15			
-30	4389F 9	4710F20	4826F23	4081^12	4221^14	4269^15			

High QNH		**+80**	per .10"	High QNH		**+10**	per .10"	High QNH	per .10"
Low QNH		**-60**	per .10"	Low QNH		**-90**	per .10"	Low QNH	per .10"
Engine A/I ON		**-460**		Engine A/I ON		**-710**		Engine A/I ON	
Wing A/I ON		**-460**		Wing A/I ON		**-710**		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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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1080'		DT H321	1080'	

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	4326^26	4480^29	4533^30	4289^15	4480D25	4533D28	4713
46	87.7	4414^27	4573^30	4627^31	4371^15	4573D25	4627D28	4832
44	87.6	4466^28	4627^31	4683^32	4421^16	4627D26	4683D29	4894
42	87.4	4486^28	4649^31	4704^32	4441^16	4649D26	4704D29	4946
40	87.2	4503^28	4665^31	4721^32	4457^17	4665D26	4721D30	4959
38	86.9	4510^28	4673^31	4729^32	4466^17	4673D27	4729D30	4961
36	86.6	4517^29	4680^31	4737^32	4476^17	4680D27	4737D30	4962
34	86.3	4525^29	4688^32	4744^33	4486^18	4688D28	4744D31	4964
32	86.1	4533^29	4696^32	4752^33	4495^18	4696D28	4752D31	4966
30	85.8	4541^29	4704^32	4761^33	4505^18	4704D28	4761D31	4968
20	84.4	4581^30	4744^32	4800^33	4554^20	4744D30	4800D33	4976
10	82.9	4615^30	4778^33	4834^34	4599^22	4778D32	4834D35	4972
0	81.4	4656^31	4818^34	4872^35	4650^24	4818D34	4872D35	4984
-10	79.9	4685^31	4840^34	4894^35	4685D26	4840D35	4894D35	4987
-20	78.4	4702^32	4856^34	4910^35	4702D29	4856D35	4910D36	4985
-30	76.8	4716^32	4872^35	4921^35	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**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.8	4380^27	4529^30	4580^30	4338^16	4529D26	4580D30	4713
46	90.9	4471^28	4626^31	4679^32	4422^17	4626D27	4679D30	4832
44	90.8	4531^29	4687^32	4741^33	4479^18	4687D28	4741D31	4894
42	90.6	4563^29	4719^32	4773^33	4509^18	4719D28	4773D32	4946
40	90.3	4580^30	4736^32	4790^33	4527^19	4736D29	4790D32	4959
38	90.0	4588^30	4744^33	4798^33	4537^19	4744D29	4798D32	4961
36	89.7	4595^30	4752^33	4806^34	4547^19	4752D30	4806D33	4962
34	89.5	4602^30	4759^33	4813^34	4556^20	4759D30	4813D33	4964
32	89.2	4610^30	4767^33	4820^34	4566^20	4767D30	4820D34	4966
30	88.9	4618^30	4774^33	4828^34	4576^21	4774D31	4828D34	4968
20	87.4	4654^31	4811^34	4862^34	4626^22	4811D33	4862D35	4976
10	85.9	4677^31	4826^34	4877^35	4668^24	4826D34	4877D35	4972
0	84.3	4703^32	4853^34	4904^35	4703D27	4853D35	4904D36	4984
-10	82.8	4722^32	4873^35	4925^35	4722D29	4873D35	4925D36	4987
-20	81.2	4736^32	4887^35	4940^36	4736D31	4887D35	4940D36	4985
-30	79.6	4749^33	4892^35	4936^36	4749D33	4892D35	4936D36	4983

High QNH **+0** per .10" Engine A/I ON **-760**
Low QNH **-160** per .10" Wing A/I ON **-760**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.8	4380^27-27-37	4529^30-30-39	4580^30-30-40	4632^31-31-40
46	90.9	4471^28-28-38	4626^31-31-40	4679^32-32-41	4733^33-33-42
44	90.8	4531^29-29-39	4687^32-32-41	4741^33-33-42	4796^34-34-43
42	90.6	4563^29-29-39	4719^32-32-42	4773^33-33-42	4828^34-34-43
40	90.3	4580^30-30-40	4736^32-32-42	4790^33-33-43	4845^34-34-44
38	90.0	4588^30-30-40	4744^33-33-42	4798^33-33-43	4853^34-34-44
36	89.7	4595^30-30-40	4752^33-33-42	4806^34-34-43	4860^34-34-44
34	89.5	4602^30-30-40	4759^33-33-42	4813^34-34-43	4868^35-35-44
32	89.2	4610^30-30-40	4767^33-33-42	4820^34-34-43	4875^35-35-44
30	88.9	4618^30-30-40	4774^33-33-43	4828^34-34-43	4883^35-35-44
20	87.4	4654^31-31-41	4811^34-34-43	4862^34-34-44	4913^35-35-45
10	85.9	4677^31-31-41	4826^34-34-43	4877^35-35-44	4929^36-36-45
0	84.3	4703^32-32-41	4853^34-34-44	4904^35-35-44	4956^36-36-45
-10	82.8	4722^32-32-42	4877^40-40-50	4934^42-42-51	4993^43-43-52
-20	81.2	4747^38-38-48	4910^41-41-50	4965^42-42-51	5000C43-43-52
-30	79.6	4770^39-39-48	4928^41-41-51	4982^42-42-51	4996C43-43-52

High QNH **+30** per .10" Engine A/I ON **-710**
Low QNH **-160** per .10" Wing A/I ON **-710**

ALL DATA BASED ON TO-1 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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TAMPICO -TAM 31 *DT H321*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4380^27	4529^30	4580^30
46	4471^28	4626^31	4679^32
44	4531^29	4687^32	4741^33
42	4563^29	4719^32	4773^33
40	4580^30	4736^32	4790^33
38	4588^30	4744^33	4798^33
36	4595^30	4752^33	4806^34
34	4602^30	4759^33	4813^34
32	4610^30	4767^33	4820^34
30	4618^30	4774^33	4828^34
20	4654^31	4811^34	4862^34
10	4677^31	4826^34	4877^35
0	4703^32	4853^34	4904^35
-10	4722^32	4873^35	4925^35

High QNH **+30** per .10"
Low QNH **-160** per .10"

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

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4372^27	4522^29	4574^30
46	4464^28	4618^31	4671^32
44	4523^29	4680^32	4734^32
42	4556^29	4712^32	4767^33
40	4572^30	4729^32	4783^33
38	4581^30	4738^32	4791^33
36	4588^30	4745^33	4799^33
34	4596^30	4752^33	4806^34
32	4603^30	4760^33	4814^34
30	4611^30	4768^33	4822^34
20	4649^31	4805^34	4856^34
10	4609^30	4754^33	4804^34
0	4634^31	4781^33	4832^34
-10	4648^31	4796^34	4847^34

High QNH **+30** 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
48	4338^16	4529D26	4580D30
46	4422^17	4626D27	4679D30
44	4479^18	4687D28	4741D31
42	4509^18	4719D28	4773D32
40	4527^19	4736D29	4790D32
38	4537^19	4744D29	4798D32
36	4547^19	4752D30	4806D33
34	4556^20	4759D30	4813D33
32	4566^20	4767D30	4820D34
30	4576^21	4774D31	4828D34
20	4626^22	4811D33	4862D35
10	4668^24	4826D34	4877D35
0	4703D27	4853D35	4904D36
-10	4722D29	4873D35	4925D36

High QNH **+30** per .10"
Low QNH **-160** per .10"

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

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4331^16	4522D26	4574D30
46	4415^17	4618D27	4671D30
44	4471^17	4680D28	4734D31
42	4502^18	4712D28	4767D32
40	4520^19	4729D29	4783D32
38	4531^19	4738D29	4791D32
36	4540^19	4745D29	4799D33
34	4550^20	4752D30	4806D33
32	4559^20	4760D30	4814D33
30	4570^20	4768D31	4822D34
20	4620^22	4805D33	4856D35
10	4606^25	4754D33	4804D34
0	4634D27	4781D34	4832D35
-10	4648D29	4796D34	4847D35

High QNH **+30** 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 **9**

OAT °C	-10T	+0	+10H
28	4040F98	4299F 8	4394F12
26	4050F98	4311F 9	4407F12
24	4062F99	4324F 9	4420F12
22	4072F99	4336F 9	4432F13
20	4083F 0	4349F10	4446F13
18	4091F 0	4361F10	4457F13
16	4102F 0	4373F10	4470F14
14	4112F 1	4385F11	4484F14
12	4123F 1	4397F11	4497F15
10	4133F 1	4410F12	4510F15
0	4194F 3	4480F14	4579^17
-10	4252F 5	4550F16	4638^19
-20	4314F 7	4611^18	4698^22
-30	4376F10	4667^21	4756^24

High QNH **+70** per .10"
Low QNH **-60** per .10"

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

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
48	3609F 3	4040F11	4204F14
46	3621F 3	4060F11	4223F14
44	3634F 4	4075F12	4242F14
42	3646F 4	4093F12	4261F14
40	3658F 4	4113F12	4281F15
38	3670F 5	4133F13	4285^15
36	3681F 5	4151F13	4285^15
34	3695F 5	4169F13	4282^15
32	3709F 6	4191F13	4279^15
30	3725F 6	4211F14	4279^15
20	3809F 7	4241^14	4284^15
10	3887F 9	4237^14	4282^15
0	3987F10	4230^14	4276^15
-10	4080^12	4220^14	4268^15

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

Engine A/I ON **-720**
Wing A/I ON **-720**

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	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
		1095'		**RT H230**	**1095'**	

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
49	87.6	3808^16	3941^19	3992^20	3779^ 4	3941D14	3992D18	4651
48	87.6	3846^17	3981^19	4031^20	3815^ 4	3981D14	4031D18	4710
46	87.7	3921^18	4059^20	4110^21	3886^ 4	4059D15	4110D18	4829
44	87.6	3967^18	4107^21	4157^22	3931F 5	4107D15	4157D19	4892
42	87.4	3985^19	4124^21	4176^22	3948^ 5	4124D16	4176D19	4946
40	87.2	4000^19	4140^22	4192^23	3964^ 6	4140D16	4192D19	4959
38	86.9	4007^19	4147^22	4200^23	3972^ 6	4147D16	4200D20	4961
36	86.6	4014^19	4156^22	4209^23	3980^ 6	4156D17	4209D20	4962
34	86.4	4021^19	4163^22	4217^23	3989^ 6	4163D17	4217D20	4964
32	86.1	4029^19	4171^22	4226^23	3998^ 7	4171D17	4226D21	4966
30	85.8	4036^20	4180^22	4234^23	4007^ 7	4180D18	4234D21	4968
28	85.5	4044^20	4189^22	4242^23	4016^ 7	4189D18	4242D22	4970
26	85.2	4052^20	4197^23	4251^24	4025^ 8	4197D19	4251D22	4971
24	85.0	4059^20	4205^23	4260^24	4035^ 8	4205D19	4260D22	4973
22	84.7	4067^20	4214^23	4268^24	4043^ 9	4214D19	4268D23	4975
10	82.9	4110^21	4261^24	4316^25	4095^11	4261D22	4316D25	4972

High QNH **+50** per .10" Engine A/I ON **-480**
Low QNH **-140** per .10" Wing A/I ON **-480**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	3855^17	3990^20	4040^21	3819^ 5	3990D16	4040D19	4651
48	90.8	3894^18	4029^20	4081^21	3856^ 5	4029D16	4081D19	4710
46	90.9	3973^19	4110^21	4162^22	3929^ 6	4110D16	4162D20	4829
44	90.8	4025^19	4163^22	4216^23	3978^ 6	4163D17	4216D20	4892
42	90.6	4054^20	4193^23	4246^24	4004^ 7	4193D18	4246D21	4946
40	90.3	4069^20	4209^23	4262^24	4021^ 7	4209D18	4262D21	4959
38	90.0	4077^20	4218^23	4271^24	4030^ 8	4218D18	4271D22	4961
36	89.8	4084^20	4225^23	4278^24	4038^ 8	4225D19	4278D22	4962
34	89.5	4091^21	4234^23	4287^24	4047^ 8	4234D19	4287D23	4964
32	89.2	4098^21	4242^23	4295^24	4057^ 9	4242D19	4295D23	4966
30	88.9	4106^21	4250^24	4303^25	4066^ 9	4250D20	4303D23	4968
28	88.6	4113^21	4258^24	4311^25	4075^ 9	4258D20	4311D24	4970
26	88.3	4121^21	4266^24	4320^25	4084^10	4266D21	4320D24	4971
24	88.0	4127^21	4275^24	4329^25	4094^10	4275D21	4329D24	4973
22	87.7	4135^21	4283^24	4338^25	4103^10	4283D21	4338D25	4975
10	85.9	4176^22	4328^25	4383^26	4155^13	4328D24	4383D27	4972

High QNH **+50** per .10" Engine A/I ON **-510**
Low QNH **-140** per .10" Wing A/I ON **-510**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	3855^17-17-29	3990^20-20-31	4040^21-21-32	4092^22-22-32
48	90.8	3894^18-18-29	4029^20-20-31	4081^21-21-32	4133^22-22-33
46	90.9	3973^19-19-30	4110^21-21-33	4162^22-22-33	4216^23-23-34
44	90.8	4025^19-19-31	4163^22-22-33	4216^23-23-34	4271^24-24-35
42	90.6	4054^20-20-32	4193^23-23-34	4246^24-24-35	4300^25-25-36
40	90.3	4069^20-20-32	4209^23-23-34	4262^24-24-35	4317^25-25-36
38	90.0	4077^20-20-32	4218^23-23-34	4271^24-24-35	4326^25-25-36
36	89.8	4084^20-20-32	4225^23-23-34	4278^24-24-35	4334^25-25-36
34	89.5	4091^21-21-32	4234^23-23-35	4287^24-24-35	4342^25-25-36
32	89.2	4098^21-21-32	4242^23-23-35	4295^24-24-35	4350^25-25-36
30	88.9	4106^21-21-33	4250^24-24-35	4303^25-25-36	4359^26-26-36
28	88.6	4113^21-21-33	4258^24-24-35	4311^25-25-36	4368^26-26-37
26	88.3	4121^21-21-33	4266^24-24-35	4320^25-25-36	4377^26-26-37
24	88.0	4127^21-21-33	4275^24-24-35	4329^25-25-36	4385^26-26-37
22	87.7	4135^21-21-33	4283^24-24-35	4338^25-25-36	4394^26-26-37
10	85.9	4176^22-22-34	4328^25-25-36	4383^26-26-37	4440^27-27-38

High QNH **+50** per .10" Engine A/I ON **-510**
Low QNH **-140** per .10" Wing A/I ON **-510**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	95	Length	6562	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.35
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	3894^18	4029^20	4081^21
46	3973^19	4110^21	4162^22
44	4025^19	4163^22	4216^23
42	4054^20	4193^23	4246^24
40	4069^20	4209^23	4262^24
38	4077^20	4218^23	4271^24
36	4084^20	4225^23	4278^24
34	4091^21	4234^23	4287^24
32	4098^21	4242^23	4295^24
30	4106^21	4250^24	4303^25
28	4113^21	4258^24	4311^25
26	4121^21	4266^24	4320^25
24	4127^21	4275^24	4329^25
10	4176^22	4328^25	4383^26

High QNH **+50** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-510**
Wing A/I ON **-510**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3888^17	4024^20	4074^21
3966^19	4103^21	4155^22
4018^19	4157^22	4209^23
4047^20	4187^23	4238^23
4063^20	4202^23	4255^24
4071^20	4211^23	4264^24
4078^20	4219^23	4273^24
4085^21	4227^23	4280^24
4092^21	4235^23	4289^24
4100^21	4244^24	4297^25
4107^21	4252^24	4305^25
4114^21	4261^24	4314^25
4122^21	4269^24	4323^25
4127^22	4277^24	4331^25

High QNH **+50** per .10"
Low QNH **-140** 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	3856^ 5	4029D16	4081D19
46	3929^ 6	4110D16	4162D20
44	3978^ 6	4163D17	4216D20
42	4004^ 7	4193D18	4246D21
40	4021^ 7	4209D18	4262D21
38	4030^ 8	4218D18	4271D22
36	4038^ 8	4225D19	4278D22
34	4047^ 8	4234D19	4287D23
32	4057^ 9	4242D19	4295D23
30	4066^ 9	4250D20	4303D23
28	4075^ 9	4258D20	4311D24
26	4084^10	4266D21	4320D24
24	4094^10	4275D21	4329D24
10	4155^13	4328D24	4383D27

High QNH **+50** per .10"
Low QNH **-140** per .10"

Engine A/I ON **-510**
Wing A/I ON **-510**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3851^ 5	4024D16	4074D19
3923^ 6	4103D16	4155D20
3973^ 6	4157D17	4209D20
3999^ 7	4187D18	4238D21
4015^ 7	4202D18	4255D21
4024^ 7	4211D18	4264D22
4034^ 8	4219D19	4273D22
4042^ 8	4227D19	4280D22
4051^ 8	4235D19	4289D23
4061^ 9	4244D20	4297D23
4070^ 9	4252D20	4305D23
4079^10	4261D20	4314D24
4088^10	4269D21	4323D24
4111^13	4277D24	4331D27

High QNH **+50** per .10"
Low QNH **-140** 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 22 -10T	+0	+10H
28		3943^96	4033^ 0
26		3954^97	4043^ 0
24		3965^97	4054^ 0
22		3977^97	4065^ 1
20		3986^98	4076^ 1
15		4011^99	4100^ 2
10	3016F91	4036^ 0	4126^ 3
5	3220F92	4065^ 1	4154^ 4
0	3325F92	4093^ 1	4182^ 5
-5	3272F93	4120^ 2	4210^ 6
-10	3385F94	4144^ 3	4234^ 7
-15	3479F95	4170^ 4	4260^ 8
-20	3577F95	4195^ 6	4267^ 9
-25	3681F96	4211^ 7	4267^10

High QNH **+10** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-610**
Wing A/I ON **-610**

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
	3515F 2	3620F 5
	3526F 2	3631F 5
	3538F 3	3642F 6
	3550F 3	3656F 6
	3561F 3	3667F 6
2656F98	3588F 4	3696F 7
2867F98	3617F 5	3728F 8
3186F97	3651F 6	3762F 9
3352F97	3685F 7	3797F10
3251F99	3717F 8	3831F11
3427F99	3748F 9	3865F12
3453F 0	3783F10	3900F13
3484F 1	3817F11	3938F14
3512F 1	3852F12	3975F15

High QNH **+70** per .10"
Low QNH **-60** per .10"

Engine A/I ON **-390**
Wing A/I ON **-390**

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

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

Engine A/I ON
Wing A/I ON

Elevation 95 Length 6562 Shift **0** Clearway 0 Stopway 0 Slope +0.35
Rwy Rev. Program Rules FAA **25 Jul 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1095'		DT H234	1095'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

ALT TO-1 - WET RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	-10T	+0	+10H	Dry Rwy Climb Limit
49	87.6	3910^18	4077^21	4132^22	3850F 3	4074^13	4132D17	4651
48	87.6	3948^19	4117^22	4173^23	3882F 3	4112^14	4173D17	4710
46	87.7	4021F20	4197^23	4254^24	3945F 4	4187^14	4254D17	4829
44	87.6	4063F20	4246^24	4303^25	3986F 4	4234^14	4303D18	4892
42	87.4	4082F20	4265^24	4323^25	4005F 4	4254^15	4323D18	4946
40	87.2	4098F21	4281^24	4339^25	4022F 5	4271^15	4339D19	4959
38	86.9	4109F21	4290^24	4348^25	4032F 5	4281^16	4348D19	4961
36	86.6	4120F21	4298^25	4356^26	4044F 5	4291^16	4356D19	4962
34	86.4	4127^21	4306^25	4364^26	4056F 6	4300^16	4364D20	4964
32	86.1	4136^21	4315^25	4374^26	4068F 6	4311^17	4374D20	4966
30	85.8	4144^22	4324^25	4382^26	4080F 6	4321^17	4382D20	4968
28	85.5	4153^22	4333^25	4391^26	4093F 7	4332^17	4391D21	4970
26	85.2	4162^22	4342^25	4400^26	4105F 7	4342D18	4400D21	4971
24	85.0	4171^22	4350^25	4409^27	4117F 7	4350D18	4409D21	4973
22	84.7	4179^22	4360^26	4418^27	4130F 8	4360D18	4418D22	4975
10	82.9	4229^23	4409^27	4467^28	4190^10	4409D21	4467D24	4972

High QNH **+60** per .10" — Engine A/I ON **-480**
Low QNH **-150** per .10" — Wing A/I ON **-480**

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

TO-1 - WET RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	-10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	3970^19	4131^22	4184^23	3903^ 4	4123^15	4184D18	4651
48	90.8	4010^20	4173^23	4226^24	3940^ 4	4162^15	4226D18	4710
46	90.9	4088^21	4257^24	4311^25	4009F 5	4239^15	4311D19	4829
44	90.8	4143^22	4313^25	4368^26	4057F 5	4292^16	4368D19	4892
42	90.6	4174^22	4344^25	4399^26	4088F 6	4323^17	4399D20	4946
40	90.3	4190^23	4361^26	4416^27	4106F 6	4341^17	4416D20	4959
38	90.0	4199^23	4370^26	4425^27	4116^ 7	4351^17	4425D21	4961
36	89.8	4207^23	4378^26	4433^27	4126^ 7	4362^18	4433D21	4962
34	89.5	4216^23	4387^26	4441^27	4136^ 7	4372^18	4441D22	4964
32	89.2	4224^23	4395^26	4449^27	4146^ 8	4383^18	4449D22	4966
30	88.9	4232^23	4403^26	4458^27	4157^ 8	4393^19	4458D22	4968
28	88.6	4241^23	4413^27	4467^28	4167^ 8	4404^19	4467D23	4970
26	88.3	4250^24	4421^27	4475^28	4177^ 9	4415^20	4475D23	4971
24	88.0	4259^24	4430^27	4484^28	4187^ 9	4425^20	4484D23	4973
22	87.7	4267^24	4438^27	4493^28	4198^ 9	4436^20	4493D24	4975
10	85.9	4316^25	4486^28	4540^29	4258^12	4486D23	4540D26	4972

High QNH **+60** per .10" — Engine A/I ON **-520**
Low QNH **-150** per .10" — Wing A/I ON **-520**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
49	90.8	3970^19-19-30	4131^22-22-33	4184^23-23-34	4234^24-24-35
48	90.8	4010^20-20-31	4173^23-23-34	4226^24-24-34	4277^25-25-35
46	90.9	4088^21-21-32	4257^24-24-35	4311^25-25-36	4364^26-26-36
44	90.8	4143^22-22-33	4313^25-25-36	4368^26-26-37	4421^27-27-37
42	90.6	4174^22-22-34	4344^25-25-36	4399^26-26-37	4452^27-27-38
40	90.3	4190^23-23-34	4361^26-26-36	4416^27-27-37	4469^28-28-38
38	90.0	4199^23-23-34	4370^26-26-37	4425^27-27-37	4478^28-28-38
36	89.8	4207^23-23-34	4378^26-26-37	4433^27-27-38	4486^28-28-38
34	89.5	4216^23-23-34	4387^26-26-37	4441^27-27-38	4494^28-28-38
32	89.2	4224^23-23-34	4395^26-26-37	4449^27-27-38	4503^28-28-39
30	88.9	4232^23-23-35	4403^26-26-37	4458^27-27-38	4511^28-28-39
28	88.6	4241^23-23-35	4413^27-27-37	4467^28-28-38	4520^29-29-39
26	88.3	4250^24-24-35	4421^27-27-37	4475^28-28-38	4529^29-29-39
24	88.0	4259^24-24-35	4430^27-27-37	4484^28-28-38	4537^29-29-39
22	87.7	4267^24-24-35	4438^27-27-38	4493^28-28-38	4545^29-29-39
10	85.9	4316^25-25-36	4486^28-28-38	4540^29-29-39	4593^30-30-40

High QNH **+60** per .10" — Engine A/I ON **-520**
Low QNH **-150** per .10" — Wing A/I ON **-520**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	95	Length	6562	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.35
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4010^20	4173^23	4226^24
46	4088^21	4257^24	4311^25
44	4143^22	4313^25	4368^26
42	4174^22	4344^25	4399^26
40	4190^23	4361^26	4416^27
38	4199^23	4370^26	4425^27
36	4207^23	4378^26	4433^27
34	4216^23	4387^26	4441^27
32	4224^23	4395^26	4449^27
30	4232^23	4403^26	4458^27
28	4241^23	4413^27	4467^28
26	4250^24	4421^27	4475^28
24	4259^24	4430^27	4484^28
10	4316^25	4486^28	4540^29

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

Engine A/I ON **-520**
Wing A/I ON **-520**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	4003^20	4166^23	4219^24
46	4080^21	4249^24	4304^25
44	4135^22	4306^25	4360^26
42	4166^22	4337^25	4392^26
40	4183^22	4354^26	4409^27
38	4192^23	4363^26	4418^27
36	4200^23	4371^26	4427^27
34	4209^23	4379^26	4435^27
32	4217^23	4389^26	4443^27
30	4226^23	4397^26	4452^27
28	4234^23	4406^26	4461^27
26	4243^23	4414^27	4469^28
24	4252^24	4423^27	4478^28
10	4267^24	4433^27	4485^28

High QNH **+60** per .10"
Low QNH **-150** 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	3940^ 4	4162^15	4226D18
46	4009F 5	4239^15	4311D19
44	4057F 5	4292^16	4368D19
42	4088F 6	4323^17	4399D20
40	4106F 6	4341^17	4416D20
38	4116^ 7	4351^17	4425D21
36	4126^ 7	4362^18	4433D21
34	4136^ 7	4372^18	4441D22
32	4146^ 8	4383^18	4449D22
30	4157^ 8	4393^19	4458D22
28	4167^ 8	4404^19	4467D23
26	4177^ 9	4415^20	4475D23
24	4187^ 9	4425^20	4484D23
10	4258^12	4486D23	4540D26

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

Engine A/I ON **-520**
Wing A/I ON **-520**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
48	3933^ 4	4155^15	4219D18
46	4002F 5	4233^15	4304D19
44	4050F 5	4286^16	4360D19
42	4081F 6	4316^17	4392D20
40	4099F 6	4334^17	4409D20
38	4110^ 6	4345^17	4418D21
36	4120^ 7	4356^18	4427D21
34	4131^ 7	4366^18	4435D21
32	4141^ 7	4377^18	4443D22
30	4151^ 8	4387^19	4452D22
28	4161^ 8	4398^19	4461D23
26	4172^ 9	4409^19	4469D23
24	4182^ 9	4419^20	4478D23
10	4216^12	4433D23	4485D26

High QNH **+60** per .10"
Low QNH **-150** 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		3836F95	4127^98
26		3872F95	4140^98
24		3920F96	4152^98
22		3968F96	4165^99
20		4001F96	4177^99
15		4101F97	4204^ 0
10		4140^98	4236^ 1
5		4175^99	4261^ 2
0		4188^ 0	4265^ 3
-5		4218^ 1	4269^ 4
-10		4217^ 2	4269^ 5
-15	3163F93	4210^ 3	4269^ 6
-20	3290F94	4202^ 4	4270^ 8
-25	3411F95	4150^87	4270^ 9

High QNH **+0** per .10"
Low QNH **-470** per .10"

Engine A/I ON **-1090**
Wing A/I ON **-1090**

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28		3381F 1	3642F 3
26	2649F93	3416F 1	3659F 3
24	2664F93	3449F 1	3678F 3
22	2683F94	3489F 1	3697F 4
20	2702F94	3524F 1	3718F 4
15	2774F95	3588F 2	3770F 5
10	2826F96	3633F 3	3832F 5
5	2884F96	3682F 3	3885^ 6
0	2946F97	3735F 4	3930^ 7
-5	3011F98	3794F 5	3974^ 8
-10	3085F98	3858F 6	4015^ 9
-15	3157F99	3907^ 6	4055^10
-20	3230F99	3952^ 7	4098^10
-25	3312F 0	3996^ 8	4139^11

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

Engine A/I ON **-440**
Wing A/I ON **-440**

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	95	Length	6562	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.35
Rwy Rev.		Program						Rules	FAA		**25 Jul 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.0 TNY		**LT H300**	**4020'**	

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	4813F34
-20	81.2	4506F28	4783F33	4877F35

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	4813F28	4940
-20	81.2	4454F17	4778F27	4877D30	4939

High QNH **+60** per .10" — Engine A/I ON **-440**
Low QNH **-150** per .10" — Wing A/I ON **-440**

A/C **AUTO**

TO-1 - DRY RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H
42	91.5	4036F21	4275F26	4355F27
40	91.8	4098F22	4341F27	4421F28
38	92.2	4158F23	4403F27	4485F29
36	92.5	4217F24	4465F28	4550F30
34	92.6	4275F24	4526F29	4612F31
32	92.5	4320F25	4571F30	4660F31
30	92.3	4352F26	4606F30	4694F32
28	92.0	4363F26	4619F30	4707F32
26	91.8	4375F26	4632F31	4719F32
24	91.5	4386F26	4645F31	4732F32
22	91.1	4398F26	4657F31	4744F33
20	90.8	4409F27	4669F31	4757F33
10	89.2	4465F28	4731F32	4821F34
0	87.6	4521F29	4790F33	4880^35
-10	86.0	4584F30	4844^34	4895^35
-20	84.4	4645F31	4852^34	4904^35

TO-1 - WET RWY

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Dry Rwy Climb Limit
42	91.5	3936F 7	4217F16	4315F19	4505
40	91.8	3993F 7	4278F17	4377F20	4596
38	92.2	4049F 8	4336F17	4437F20	4685
36	92.5	4104F 8	4394F18	4497F21	4773
34	92.6	4158F 9	4451F18	4554F21	4855
32	92.5	4197F 9	4494F19	4598F22	4894
30	92.3	4223F10	4524F20	4628F23	4918
28	92.0	4235F10	4538F20	4643F23	4925
26	91.8	4248F10	4552F20	4658F23	4932
24	91.5	4261F11	4567F21	4672F24	4934
22	91.1	4271F11	4581F21	4687F24	4936
20	90.8	4285F11	4595F21	4702F24	4937
10	89.2	4350F13	4667F23	4776F26	4942
0	87.6	4413F15	4737F25	4850F28	4934
-10	86.0	4485F17	4816F27	4895^30	4940
-20	84.4	4556F19	4852^29	4904D33	4939

High QNH **+30** per .10" — Engine A/I ON **-500**
Low QNH **-150** per .10" — Wing A/I ON **-500**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	Flaps 9 +0	Flaps 9 +10H	Flaps 9 +20H
42	91.5	4036F21-21-32	4275F26-26-35	4355F27-27-36	4437F29-29-38
40	91.8	4098F22-22-32	4341F27-27-36	4421F28-28-37	4506F30-30-39
38	92.2	4158F23-23-33	4403F27-27-37	4485F29-29-38	4570F30-30-40
36	92.5	4217F24-24-34	4465F28-28-38	4550F30-30-39	4635F31-31-41
34	92.6	4275F24-24-35	4526F29-29-39	4612F31-31-40	4699F32-32-41
32	92.5	4320F25-25-36	4571F30-30-40	4660F31-31-41	4747F33-33-42
30	92.3	4352F26-26-36	4606F30-30-40	4694F32-32-41	4782F33-33-43
28	92.0	4363F26-26-37	4619F30-30-40	4707F32-32-42	4795F34-34-43
26	91.8	4375F26-26-37	4632F31-31-41	4719F32-32-42	4809F34-34-43
24	91.5	4386F26-26-37	4645F31-31-41	4732F32-32-42	4822F34-34-43
22	91.1	4398F26-26-37	4657F31-31-41	4744F33-33-42	4835F34-34-43
20	90.8	4409F27-27-37	4669F31-31-41	4757F33-33-42	4848F34-34-44
10	89.2	4465F28-28-38	4731F32-32-42	4821F34-34-43	4913F35-35-45
0	87.6	4521F29-29-39	4790F33-33-43	4880^35-35-44	4930^36-36-45
-10	86.0	4584F30-30-40	4844^34-34-44	4895^35-35-44	4940C36-36-45
-20	84.4	4645F31-31-41	4852^34-34-44	4904^35-35-44	4939C36-36-45

High QNH **+30** per .10" — Engine A/I ON **-500**
Low QNH **-150** per .10" — Wing A/I ON **-500**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 3020 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope -0.05
Rwy Rev. Program Rules FAA **22 Jan 21**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
42	4036F21	4275F26	4355F27
40	4098F22	4341F27	4421F28
38	4158F23	4403F27	4485F29
36	4217F24	4465F28	4550F30
34	4275F24	4526F29	4612F31
32	4320F25	4571F30	4660F31
30	4352F26	4606F30	4694F32
28	4363F26	4619F30	4707F32
26	4375F26	4632F31	4719F32
24	4386F26	4645F31	4732F32
22	4398F26	4657F31	4744F33
20	4409F27	4669F31	4757F33
10	4465F28	4731F32	4821F34
0	4521F29	4790F33	4880^35

High QNH **+70** per .10"
Low QNH **-150** per .10"

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

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4025F21	4264F25	4344F27
4088F22	4330F26	4410F28
4148F23	4392F27	4475F29
4207F23	4455F28	4539F30
4266F24	4515F29	4602F30
4310F25	4560F29	4649F31
4342F25	4595F30	4683F32
4353F26	4608F30	4696F32
4365F26	4621F31	4709F32
4376F26	4634F31	4721F32
4388F26	4647F31	4734F32
4399F27	4659F31	4747F33
4429F27	4690F32	4780F33
4480F28	4744F33	4801^34

High QNH **+50** per .10"
Low QNH **-150** 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
42	3936F 7	4217F16	4315F19
40	3993F 7	4278F17	4377F20
38	4049F 8	4336F17	4437F20
36	4104F 8	4394F18	4497F21
34	4158F 9	4451F18	4554F21
32	4197F 9	4494F19	4598F22
30	4223F10	4524F20	4628F23
28	4235F10	4538F20	4643F23
26	4248F10	4552F20	4658F23
24	4261F11	4567F21	4672F24
22	4271F11	4581F21	4687F24
20	4285F11	4595F21	4702F24
10	4350F13	4667F23	4776F26
0	4413F15	4737F25	4850F28

High QNH **+70** 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
3928F 7	4208F16	4306F19
3986F 7	4269F17	4369F20
4042F 8	4328F17	4429F20
4097F 8	4386F18	4488F21
4151F 8	4443F18	4546F21
4191F 9	4486F19	4590F22
4216F10	4516F19	4620F22
4229F10	4530F20	4635F23
4241F10	4544F20	4650F23
4254F11	4559F20	4664F24
4265F11	4573F21	4679F24
4278F11	4587F21	4693F24
4316F13	4631F23	4740F26
4374F15	4697F25	4798^28

High QNH **+70** per .10"
Low QNH **-150** 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 22 -10T	+0	+10H
28	2876F91	4127F97	4206^ 0
26	3028F91	4140F97	4214^ 0
24	3168F90	4155F97	4217^ 1
22	3204F91	4167F98	4219^ 1
20	3245F91	4177^98	4221^ 1
18	3288F91	4179^98	4224^ 2
16	3324F91	4181^99	4227^ 2
14	3364F92	4183^99	4228^ 3
12	3401F92	4184^ 0	4230^ 3
10	3454F92	4183^ 0	4230^ 3
0	3719F94	4181^ 2	4229^ 6
-10	3766F96	4188^ 4	4238^ 8
-20	3919F97	4191^ 7	4242^10
-30	4038^99	4189^ 9	4240D13

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

Engine A/I ON **-790**
Wing A/I ON **-790**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
2970F96	3502F 3	3659F 6
2986F96	3533F 3	3678F 6
3000F96	3548F 4	3695F 6
3016F97	3562F 4	3717F 6
3033F97	3577F 4	3735F 7
3048F97	3594F 5	3758F 7
3064F98	3613F 5	3780F 7
3078F98	3629F 5	3804F 7
3094F98	3647F 5	3825F 8
3110F98	3666F 6	3843F 8
3198F 0	3765F 7	3927F10
3300F 1	3869F 9	4029F11
3419F 2	3961F10	4131F13
3557F 4	4065F12	4235^14

High QNH **+70** per .10"
Low QNH **-180** per .10"

Engine A/I ON **-370**
Wing A/I ON **-370**

LEVEL 3 CONTAM

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 **22 Jan 21**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.9 TNY		**RT H245**	**4020'**	

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	4251F25	3866F 6	4136F15	4231F18	4505
40	88.4	3995F20	4232F25	4316F26	3922F 6	4195F15	4292F18	4596
38	88.5	4054F21	4293F25	4378F27	3977F 7	4253F16	4351F19	4685
36	88.6	4112F22	4354F26	4440F28	4033F 7	4311F17	4410F20	4773
34	88.7	4169F22	4413F27	4499F28	4086F 8	4367F17	4466F20	4855
32	88.8	4203F23	4448F27	4535F29	4118F 8	4401F17	4502F21	4894
30	88.9	4214F23	4461F28	4549F29	4131F 8	4415F18	4516F21	4918
28	88.6	4225F23	4473F28	4561F29	4143F 9	4429F18	4530F21	4925
26	88.3	4236F23	4486F28	4574F30	4155F 9	4442F19	4544F22	4932
24	88.0	4247F24	4498F28	4587F30	4166F 9	4456F19	4558F22	4934
22	87.7	4258F24	4510F29	4597F30	4178F10	4469F19	4572F22	4936
20	87.4	4269F24	4522F29	4610F30	4190F10	4483F20	4586F23	4937
10	85.9	4324F25	4583F30	4672F31	4250F12	4552F21	4656F24	4942
0	84.3	4377F26	4642F31	4732F32	4310F14	4619F23	4725F26	4934
-10	82.8	4436F27	4705F32	4798F34	4377F15	4692F25	4798D28	4940
-20	81.2	4495F28	4754^33	4808^34	4444F17	4753^27	4808D31	4939

High QNH **+30** per .10" Engine A/I ON **-440**
Low QNH **-150** per .10" Wing A/I ON **-440**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	91.5	4024F21	4261F25	4342F27	3927F 7	4208F16	4305F19	4505
40	91.8	4086F22	4328F26	4407F28	3985F 7	4269F17	4367F20	4596
38	92.2	4146F23	4391F27	4471F29	4040F 8	4327F17	4427F20	4685
36	92.5	4205F23	4453F28	4535F29	4095F 8	4385F18	4487F21	4773
34	92.6	4263F24	4513F29	4598F30	4149F 9	4441F18	4545F21	4855
32	92.5	4308F25	4560F29	4645F31	4188F 9	4484F19	4589F22	4894
30	92.3	4340F25	4593F30	4679F32	4214F10	4514F20	4619F23	4918
28	92.0	4351F26	4606F30	4692F32	4226F10	4529F20	4633F23	4925
26	91.8	4363F26	4618F30	4705F32	4239F11	4543F20	4648F23	4932
24	91.5	4374F26	4630F31	4717F32	4251F11	4557F21	4662F24	4934
22	91.1	4385F26	4642F31	4730F32	4262F11	4571F21	4676F24	4936
20	90.8	4397F26	4655F31	4742F33	4275F12	4586F21	4691F25	4937
10	89.2	4454F27	4716F32	4799^34	4341F13	4657F23	4766F26	4942
0	87.6	4507F28	4747^33	4799^34	4404F15	4727F25	4798^29	4934
-10	86.0	4570F30	4760^33	4813^34	4475F17	4759^27	4813D31	4940
-20	84.4	4609^30	4766^33	4821^34	4546F19	4766D30	4821D33	4939

High QNH **+20** per .10" Engine A/I ON **-750**
Low QNH **-150** per .10" Wing A/I ON **-750**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	91.5	4024F21-21-31	4261F25-25-35	4342F27-27-36	4420^28-28-37
40	91.8	4086F22-22-32	4328F26-26-36	4407F28-28-37	4491F29-29-38
38	92.2	4146F23-23-33	4391F27-27-37	4471F29-29-38	4556F30-30-39
36	92.5	4205F23-23-34	4453F28-28-38	4535F29-29-39	4621F31-31-40
34	92.6	4263F24-24-35	4513F29-29-39	4598F30-30-40	4684F32-32-41
32	92.5	4308F25-25-36	4560F29-29-39	4645F31-31-41	4732F32-32-42
30	92.3	4340F25-25-36	4593F30-30-40	4679F32-32-41	4767F33-33-42
28	92.0	4351F26-26-36	4606F30-30-40	4692F32-32-41	4780F33-33-43
26	91.8	4363F26-26-37	4618F30-30-40	4705F32-32-42	4794F33-33-43
24	91.5	4374F26-26-37	4630F31-31-40	4717F32-32-42	4807F34-34-43
22	91.1	4385F26-26-37	4642F31-31-41	4730F32-32-42	4820F34-34-43
20	90.8	4397F26-26-37	4655F31-31-41	4742F33-33-42	4833F34-34-43
10	89.2	4454F27-27-38	4716F32-32-42	4799^34-34-43	4851^34-34-44
0	87.6	4507F28-28-39	4747^33-33-42	4799^34-34-43	4853^34-34-44
-10	86.0	4570F30-30-40	4760^33-33-42	4813^34-34-43	4868^35-35-44
-20	84.4	4609^30-30-40	4766^33-33-42	4827F40-40-49	4919F41-41-51

High QNH **+20** per .10" Engine A/I ON **-750**
Low QNH **-150** per .10" Wing A/I ON **-750**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 3020 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.05
Rwy Rev. Program Rules FAA **22 Jan 21**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
42	4024F21	4261F25	4342F27
40	4086F22	4328F26	4407F28
38	4146F23	4391F27	4471F29
36	4205F23	4453F28	4535F29
34	4263F24	4513F29	4598F30
32	4308F25	4560F29	4645F31
30	4340F25	4593F30	4679F32
28	4351F26	4606F30	4692F32
26	4363F26	4618F30	4705F32
24	4374F26	4630F31	4717F32
22	4385F26	4642F31	4730F32
20	4397F26	4655F31	4742F33
10	4454F27	4716F32	4799^34
0	4507F28	4747^33	4799^34

High QNH **+30** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-750**
Wing A/I ON **-750**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4013F21	4251F25	4331F27
4076F22	4317F26	4396F28
4136F22	4380F27	4461F28
4195F23	4442F28	4525F29
4253F24	4502F29	4587F30
4298F25	4549F29	4635F31
4330F25	4582F30	4669F31
4341F25	4595F30	4681F32
4353F26	4608F30	4694F32
4364F26	4620F31	4707F32
4375F26	4632F31	4719F32
4387F26	4644F31	4732F32
4416F27	4675F32	4727^33
4467F28	4671^32	4723^33

High QNH **+20** per .10"
Low QNH **-150** 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
42	3927F 7	4208F16	4305F19
40	3985F 7	4269F17	4367F20
38	4040F 8	4327F17	4427F20
36	4095F 8	4385F18	4487F21
34	4149F 9	4441F18	4545F21
32	4188F 9	4484F19	4589F22
30	4214F10	4514F20	4619F23
28	4226F10	4529F20	4633F23
26	4239F11	4543F20	4648F23
24	4251F11	4557F21	4662F24
22	4262F11	4571F21	4676F24
20	4275F12	4586F21	4691F25
10	4341F13	4657F23	4766F26
0	4404F15	4727F25	4798^29

High QNH **+70** per .10"
Low QNH **-150** per .10"

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

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
3920F 7	4199F16	4296F19
3977F 7	4260F17	4358F20
4033F 8	4318F17	4418F20
4088F 8	4377F18	4479F21
4142F 9	4433F18	4536F21
4181F 9	4476F19	4580F22
4207F10	4506F20	4610F23
4220F10	4520F20	4625F23
4232F10	4535F20	4639F23
4245F11	4549F21	4654F24
4255F11	4563F21	4668F24
4268F11	4578F21	4683F24
4306F13	4620F23	4723^26
4365F15	4668^25	4723D29

High QNH **+30** per .10"
Low QNH **-150** 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 22 -10T	+0	+10H
28	3052F90	4118F97	4205^ 0
26	3168F90	4130F97	4212^ 0
24	3206F91	4145F98	4215^ 1
22	3244F91	4159F98	4218^ 1
20	3284F91	4173F98	4220^ 2
18	3322F91	4178^99	4223^ 2
16	3361F92	4180^99	4225^ 2
14	3399F92	4181^99	4227^ 3
12	3439F92	4183^ 0	4229^ 3
10	3476F92	4182^ 0	4229^ 4
0	3732F94	4180^ 2	4228^ 6
-10	3779F96	4188^ 5	4237^ 8
-20	3944F97	4190^ 7	4242^11
-30	4037^99	4189^10	4239D13

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

Engine A/I ON **-780**
Wing A/I ON **-780**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
2964F96	3484F 4	3650F 6
2979F97	3516F 4	3669F 6
2993F97	3546F 4	3686F 6
3011F97	3556F 4	3707F 7
3024F97	3571F 5	3725F 7
3039F98	3585F 5	3747F 7
3055F98	3604F 5	3768F 7
3070F98	3621F 5	3790F 8
3086F98	3638F 6	3815F 8
3101F99	3656F 6	3837F 8
3187F 0	3753F 7	3929F10
3289F 1	3860F 9	4035F11
3406F 3	3964F10	4135F13
3551F 4	4070F12	4234^14

High QNH **+50** per .10"
Low QNH **-190** 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 3020 Length 7546 Shift **0** Clearway 0 Stopway 0 Slope +0.05
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CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
V2		*D0.8 TIJ	D2.2 ITIJ	RT H290	1600'	

*EAST OF TIJ

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
28	85.9	4692^32	4857^34	4913^35
26	85.6	4700^32	4864^35	4921^35
24	85.3	4708^32	4873^35	4929^36
22	85.1	4716^32	4880^35	4937^36
20	84.8	4723^32	4888^35	4941^36
10	83.3	4755^33	4897^35	4934^36

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
4692^26	4857D35	4913D36	4970
4700D26	4864D35	4921D36	4971
4708D26	4873D35	4929D36	4973
4716D27	4880D35	4937D36	4975
4723D27	4888D35	4941D36	4976
4755D29	4897D35	4934D36	4971

High QNH **+0** per .10" — Engine A/I ON **-810**
Low QNH **-170** per .10" — Wing A/I ON **-810**

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
48	90.7	4459^29	4567^30	4599^31
46	91.0	4554^30	4678^32	4711^33
44	91.1	4627^31	4779^33	4812^34
42	90.9	4684^32	4842^34	4896^35
40	90.8	4718^32	4876^35	4930^36
38	90.5	4731^32	4889^35	4943^36
36	90.2	4739^32	4897^35	4948^36
34	89.9	4745^33	4905^35	4949^36
32	89.7	4753^33	4909^35	4950^36
30	89.4	4761^33	4913^35	4951^36
28	89.1	4768^33	4916^35	4952^36
26	88.7	4775^33	4918^35	4953^36
24	88.4	4779^33	4919^35	4954^36
22	88.1	4781^33	4920^35	4955^36
20	87.8	4784^33	4921^35	4956^36
10	86.3	4787^33	4912^35	4950^36

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4459D23	4567D31	4599D31	4638
4547^24	4678D32	4711D33	4752
4617^24	4779D34	4812D34	4846
4671^25	4842D35	4896D35	4938
4705^25	4876D35	4930D36	4957
4721^26	4889D35	4943D36	4960
4730^26	4897D35	4948D36	4962
4740^27	4905D36	4949D36	4964
4750^27	4909D36	4950D36	4966
4760^28	4913D36	4951D36	4968
4768D28	4916D36	4952D36	4970
4775D28	4918D36	4953D36	4971
4779D29	4919D36	4954D36	4973
4781D29	4920D36	4955D36	4975
4784D30	4921D36	4956D36	4976
4787D32	4912D35	4950D36	4971

High QNH **+0** per .10" — Engine A/I ON **-810**
Low QNH **-170** per .10" — Wing A/I ON **-810**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
48	90.7	4459^29-29-38	4567^30-30-40	4610^37-37-46	4664^38-38-47
46	91.0	4554^30-30-39	4678^32-32-41	4711^33-33-42	4761^39-39-48
44	91.1	4627^31-31-40	4779^33-33-43	4812^34-34-43	4845^35-35-44
42	90.9	4684^32-32-41	4842^34-34-43	4896^35-35-44	4929^36-36-45
40	90.8	4718^32-32-42	4876^35-35-44	4930^36-36-45	4957C36-36-45
38	90.5	4731^32-32-42	4889^35-35-44	4943^36-36-45	4960C36-36-45
36	90.2	4739^32-32-42	4897^35-35-44	4948^36-36-45	4962C36-36-45
34	89.9	4745^33-33-42	4905^35-35-44	4949^36-36-45	4964C36-36-45
32	89.7	4753^33-33-42	4909^35-35-44	4950^36-36-45	4973^42-42-51
30	89.4	4761^33-33-42	4913^35-35-45	4951^36-36-45	4981^42-42-51
28	89.1	4768^33-33-42	4916^35-35-45	4952^36-36-45	4984C42-42-51
26	88.7	4775^33-33-43	4918^35-35-45	4953^36-36-45	4985C42-42-51
24	88.4	4779^33-33-43	4919^35-35-45	4954^36-36-45	4987C42-42-51
22	88.1	4781^33-33-43	4920^35-35-45	4958^42-42-51	4988C43-43-51
20	87.8	4784^33-33-43	4921^35-35-45	4966^42-42-51	4991C43-43-52
10	86.3	4787^33-33-43	4943^42-42-51	4985C42-42-51	4985C42-42-51

High QNH **+0** per .10" — Engine A/I ON **-630**
Low QNH **-170** per .10" — Wing A/I ON **-630**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	487	Length	9715	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.22
Rwy Rev.		Program						Rules	FAA		**09 Dec 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps 9

OAT °C	-10T	+0	+10H
48	4459^29	4567^30	4599^31
46	4554^30	4678^32	4711^33
44	4627^31	4779^33	4812^34
42	4684^32	4842^34	4896^35
40	4718^32	4876^35	4930^36
38	4731^32	4889^35	4943^36
36	4739^32	4897^35	4948^36
34	4745^33	4905^35	4949^36
32	4753^33	4909^35	4950^36
30	4761^33	4913^35	4951^36
28	4768^33	4916^35	4952^36
26	4775^33	4918^35	4953^36
24	4779^33	4919^35	4954^36
10	4787^33	4912^35	4950^36

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

Engine A/I ON **-810**
Wing A/I ON **-810**

DRY - EAI VLV INOP OPEN

Flaps 9

OAT °C	-10T	+0	+10H
48	4452^28	4562^30	4594^31
46	4546^30	4672^32	4705^32
44	4620^31	4773^33	4806^34
42	4676^31	4834^34	4888^35
40	4710^32	4869^35	4924^36
38	4724^32	4883^35	4937^36
36	4731^32	4890^35	4944^36
34	4739^32	4898^35	4945^36
32	4747^33	4905^35	4945^36
30	4754^33	4909^35	4947^36
28	4761^33	4912^35	4948^36
26	4768^33	4914^35	4949^36
24	4774^33	4914^35	4950^36
10	4709^32	4830^34	4867^35

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	4459D23	4567D31	4599D31
46	4547^24	4678D32	4711D33
44	4617^24	4779D34	4812D34
42	4671^25	4842D35	4896D35
40	4705^25	4876D35	4930D36
38	4721^26	4889D35	4943D36
36	4730^26	4897D35	4948D36
34	4740^27	4905D36	4949D36
32	4750^27	4909D36	4950D36
30	4760^28	4913D36	4951D36
28	4768D28	4916D36	4952D36
26	4775D28	4918D36	4953D36
24	4779D29	4919D36	4954D36
10	4787D32	4912D35	4950D36

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

Engine A/I ON **-810**
Wing A/I ON **-810**

WET - EAI VLV INOP OPEN

Flaps 9

OAT °C	-10T	+0	+10H
48	4452D23	4562D30	4594D31
46	4540^24	4672D32	4705D33
44	4609^24	4773D33	4806D34
42	4663^25	4834D35	4888D35
40	4698^25	4869D35	4924D36
38	4713^26	4883D35	4937D36
36	4724^26	4890D35	4944D36
34	4733^27	4898D35	4945D36
32	4744^27	4905D35	4945D36
30	4753^27	4909D35	4947D36
28	4761D28	4912D35	4948D36
26	4768D28	4914D35	4949D36
24	4774D29	4914D35	4950D36
10	4709D32	4830D34	4867D35

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	4338^ 4	4550^14	4627^18
26	4349^ 4	4561^15	4638^18
24	4359^ 5	4572^15	4649^18
22	4368^ 5	4583^16	4661^19
20	4379^ 6	4594^16	4672^19
15	4403^ 7	4622^17	4701^20
10	4423^ 8	4644^18	4725^21
5	4450^ 8	4674^19	4756^22
0	4478^10	4705^20	4787^24
-5	4505^11	4735^21	4818^25
-10	4529^12	4763^22	4847^26
-15	4553^13	4788^24	4874^27
-20	4578^14	4817^25	4905^28
-25	4604^15	4848^26	4918^30

High QNH **+40** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-570**
Wing A/I ON **-570**

LEVEL 2 CONTAM

Flaps 9

OAT °C	-10T	+0	+10H
28	4042F 9	4274F18	4354^21
26	4053F 9	4285F19	4366^22
24	4063F10	4298F19	4378^22
22	4073F10	4307F19	4390^22
20	4084F10	4319F20	4402^23
15	4110F11	4349^21	4433^24
10	4133F12	4375^22	4462^25
5	4161F13	4407^23	4497^26
0	4187F14	4439^24	4532^27
-5	4215F15	4472^25	4567^28
-10	4242F16	4503^26	4602^29
-15	4268F17	4536^27	4639^30
-20	4298F18	4571^28	4678^31
-25	4327F19	4606^29	4717^32

High QNH **+40** per .10"
Low QNH **-60** per .10"

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

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	487	Length	9715	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.22
Rwy Rev.		Program						Rules	FAA		**09 Dec 22**

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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
28	85.9	4788^33	4895^35	4931^36	4782^25	4895D35	4931D36	4970
26	85.6	4788^33	4896^35	4932^36	4784^25	4896D35	4932D36	4971
24	85.3	4789^33	4897^35	4933^36	4784^26	4897D35	4933D36	4973
22	85.1	4789^33	4898^35	4934^36	4785^26	4898D35	4934D36	4975
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

High QNH **+0** per .10" Engine A/I ON **-800**
Low QNH **-170** per .10" Wing A/I ON **-800**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
48	90.7	4466^29	4562^30	4595^31	4465^23	4562D30	4595D31	4638
46	91.0	4576^30	4674^32	4706^32	4573^24	4674D32	4706D33	4752
44	91.1	4674^32	4774^33	4807^34	4670^24	4774D33	4807D34	4846
42	90.9	4757^33	4857^35	4891^35	4750^25	4857D35	4891D35	4938
40	90.8	4790^33	4891^35	4926^36	4783^25	4891D35	4926D36	4957
38	90.5	4804^34	4906^35	4941^36	4798^26	4906D35	4941D36	4960
36	90.2	4805^34	4908^35	4943^36	4799^26	4908D35	4943D36	4962
34	89.9	4805^34	4909^35	4944^36	4801^27	4909D35	4944D36	4964
32	89.7	4806^34	4910^35	4945^36	4802^27	4910D35	4945D36	4966
30	89.4	4806^34	4911^35	4946^36	4803^28	4911D35	4946D36	4968
28	89.1	4807^34	4912^35	4947^36	4804^28	4912D35	4947D36	4970
26	88.7	4807^34	4913^35	4948^36	4805^28	4913D35	4948D36	4971
24	88.4	4807^34	4913^35	4950^36	4806^29	4913D35	4950D36	4973
22	88.1	4807^34	4914^35	4951^36	4807^29	4914D35	4951D36	4975
20	87.8	4807^34	4915^35	4951^36	4807D30	4915D35	4951D36	4976
10	86.3	4796^33	4907^35	4945^36	4796D32	4907D35	4945D36	4971

High QNH **+0** per .10" Engine A/I ON **-810**
Low QNH **-170** per .10" Wing A/I ON **-810**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
48	90.7	4553F36-36-45	4673C38-38-47	4673C38-38-47	4673C38-38-47
46	91.0	4636F37-37-46	4792C40-40-49	4792C40-40-49	4792C40-40-49
44	91.1	4707F38-38-47	4881C41-41-50	4881C41-41-50	4881C41-41-50
42	90.9	4767F39-39-48	4941C42-42-51	4941C42-42-51	4941C42-42-51
40	90.8	4803F39-39-49	4972C42-42-51	4972C42-42-51	4972C42-42-51
38	90.5	4828F40-40-49	4974C42-42-51	4974C42-42-51	4974C42-42-51
36	90.2	4840F40-40-49	4976C42-42-51	4976C42-42-51	4976C42-42-51
34	89.9	4852F40-40-49	4978C42-42-51	4978C42-42-51	4978C42-42-51
32	89.7	4861F40-40-50	4980C42-42-51	4980C42-42-51	4980C42-42-51
30	89.4	4874F41-41-50	4982C42-42-51	4982C42-42-51	4982C42-42-51
28	89.1	4886F41-41-50	4984C42-42-51	4984C42-42-51	4984C42-42-51
26	88.7	4899F41-41-50	4985C42-42-51	4985C42-42-51	4985C42-42-51
24	88.4	4912F41-41-50	4987C42-42-51	4987C42-42-51	4987C42-42-51
22	88.1	4925F41-41-51	4988C43-43-51	4988C43-43-51	4988C43-43-51
20	87.8	4937F42-42-51	4991C43-43-52	4991C43-43-52	4991C43-43-52
10	86.3	4944^42-42-51	4985C42-42-51	4985C42-42-51	4985C42-42-51

High QNH **+0** per .10" Engine A/I ON **-850**
Low QNH **-180** per .10" Wing A/I ON **-850**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	487	Length	9715	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.22
Rwy Rev.		Program						Rules	FAA		**17 Aug 23**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4466^29	4562^30	4595^31
46	4576^30	4674^32	4706^32
44	4674^32	4774^33	4807^34
42	4757^33	4857^35	4891^35
40	4790^33	4891^35	4926^36
38	4804^34	4906^35	4941^36
36	4805^34	4908^35	4943^36
34	4805^34	4909^35	4944^36
32	4806^34	4910^35	4945^36
30	4806^34	4911^35	4946^36
28	4807^34	4912^35	4947^36
26	4807^34	4913^35	4948^36
24	4807^34	4913^35	4950^36
10	4796^33	4907^35	4945^36

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

Engine A/I ON **-810**
Wing A/I ON **-810**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4461^29	4557^30	4589^31
4570^30	4668^32	4700^32
4669^32	4768^33	4802^34
4752^33	4852^34	4887^35
4785^33	4887^35	4921^36
4800^33	4902^35	4937^36
4801^33	4904^35	4939^36
4801^33	4905^35	4940^36
4801^33	4905^35	4941^36
4802^33	4906^35	4942^36
4802^33	4907^35	4943^36
4802^33	4908^35	4944^36
4803^33	4909^35	4945^36
4715^32	4825^34	4862^35

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	4465^23	4562D30	4595D31
46	4573^24	4674D32	4706D33
44	4670^24	4774D33	4807D34
42	4750^25	4857D35	4891D35
40	4783^25	4891D35	4926D36
38	4798^26	4906D35	4941D36
36	4799^26	4908D35	4943D36
34	4801^27	4909D35	4944D36
32	4802^27	4910D35	4945D36
30	4803^28	4911D35	4946D36
28	4804^28	4912D35	4947D36
26	4805^28	4913D35	4948D36
24	4806^29	4913D35	4950D36
10	4796D32	4907D35	4945D36

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

Engine A/I ON **-810**
Wing A/I ON **-810**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4459^23	4557D30	4589D31
4567^24	4668D32	4700D32
4664^24	4768D33	4802D34
4745^25	4852D35	4887D35
4778^25	4887D35	4921D36
4793^26	4902D35	4937D36
4795^26	4904D35	4939D36
4796^27	4905D35	4940D36
4797^27	4905D35	4941D36
4799^27	4906D35	4942D36
4799^28	4907D35	4943D36
4800^28	4908D35	4944D36
4801^29	4909D35	4945D36
4715D32	4825D34	4862D35

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	4315F 5	4579F15	4672F18
26	4327F 6	4593F16	4685F19
24	4339F 6	4605F16	4699F19
22	4350F 6	4618F16	4712F20
20	4362F 7	4631F17	4726F20
15	4389F 8	4664F18	4761F21
10	4417F 9	4694F19	4793F22
5	4450F10	4731F20	4831F23
0	4483F11	4768F21	4867F24
-5	4516F12	4804F22	4904^25
-10	4548F13	4838F23	4907^26
-15	4577F14	4859^24	4908^28
-20	4611F15	4860^26	4910^29
-25	4645F16	4862^27	4913^31

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

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

LEVEL 2 CONTAM

Flaps 9 -10T	+0	+10H
4015F10	4244F19	4330F22
4024F10	4256F20	4342F23
4034F11	4268F20	4355F23
4044F11	4280F20	4368F23
4053F11	4292F21	4380F24
4078F12	4321F22	4413F24
4101F13	4350F23	4444F25
4129F14	4384F23	4480F26
4156F15	4417F24	4518F27
4184F16	4453F25	4554F28
4211F17	4487F26	4590F29
4237F18	4521F27	4627F30
4267F19	4558F28	4664F31
4296F20	4595F29	4712F32

High QNH **+50** per .10"
Low QNH **-60** per .10"

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

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

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		**17 Aug 23**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D7.9 TLC	**9465'**	***RT TLC**	**9465'**	**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
33	89.2	3757^18	3832^19	3858^20	3757D18	3832D20	3858D20	3911
32	89.3	3793^19	3869^20	3894^21	3793D19	3869D20	3894D21	3948
30	89.6	3871^20	3948^21	3973^22	3871D20	3948D21	3973D22	4026
28	89.9	3951^21	4029^23	4055^23	3951D21	4029D23	4055D23	4109
26	90.2	4033^22	4111^24	4137^24	4033D22	4111D24	4137D24	4192
24	90.5	4115^24	4195^25	4221^26	4115D24	4195D25	4221D26	4276
22	90.8	4198^25	4279^26	4305^27	4198D25	4279D26	4305D27	4359
20	91.1	4272^26	4353^27	4380^28	4272D26	4353D27	4380D28	4435
15	90.5	4338^27	4421^28	4448^29	4338D27	4421D28	4448D29	4507
10	89.9	4339^27	4423^28	4451^29	4339D27	4423D29	4451D29	4510
5	89.1	4339^27	4424^28	4452^29	4339D27	4424D29	4452D29	4512
0	88.3	4338^27	4424^28	4452^29	4338D27	4424D29	4452D29	4514
-5	87.5	4332^27	4420^28	4449^29	4332D27	4420D28	4449D29	4513
-10	86.7	4321^27	4410^28	4440^29	4321D27	4410D28	4440D29	4503
-15	85.9	4320^27	4410^28	4440^29	4320D27	4410D28	4440D29	4507
-20	85.0	4316^26	4407^28	4438^29	4316D27	4407D28	4438D29	4505

High QNH **+100** per .10" Engine A/I ON **-6800**
Low QNH per .10" Wing A/I ON **-6800**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
33	92.6	3765^18	3840^20	3865^20	3765D18	3840D20	3865D20	3911
32	92.7	3801^19	3877^20	3902^21	3801D19	3877D20	3902D21	3948
30	93.0	3880^20	3956^21	3982^22	3880D20	3956D22	3982D22	4026
28	93.4	3961^21	4038^23	4063^23	3961D21	4038D23	4063D23	4109
26	93.9	4043^22	4120^24	4146^24	4043D23	4120D24	4146D25	4192
24	94.2	4126^24	4204^25	4230^26	4126D24	4204D25	4230D26	4276
22	94.4	4210^25	4290^27	4316^27	4210D25	4290D27	4316D27	4359
20	94.7	4285^26	4365^28	4391^28	4285D26	4365D28	4391D28	4435
15	94.3	4354^27	4436^29	4462^29	4354D27	4436D29	4462D29	4507
10	93.5	4356^27	4439^29	4466^29	4356D27	4439D29	4466D29	4510
5	92.7	4355^27	4439^29	4466^29	4355D27	4439D29	4466D29	4512
0	91.8	4354^27	4439^29	4467^29	4354D27	4439D29	4467D29	4514
-5	91.0	4348^27	4435^29	4463^29	4348D27	4435D29	4463D29	4513
-10	90.1	4337^27	4424^28	4454^29	4337D27	4424D29	4454D29	4503
-15	89.3	4336^27	4424^28	4454^29	4336D27	4424D29	4454D29	4507
-20	88.4	4331^27	4421^28	4452^29	4331D27	4421D28	4452D29	4505

High QNH **+100** per .10" Engine A/I ON **-6870**
Low QNH per .10" Wing A/I ON **-6870**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
33	92.6	3880^26-26-34	3952^27-27-35	3972C28-28-36	3972C28-28-36
32	92.7	3917^26-26-35	3990^28-28-36	4011C28-28-36	4011C28-28-36
30	93.0	3999^28-28-36	4072^29-29-37	4088C29-29-38	4088C29-29-38
28	93.4	4081^29-29-38	4154^30-30-39	4170C31-31-39	4170C31-31-39
26	93.9	4165^30-30-39	4238^32-32-40	4253C32-32-40	4253C32-32-40
24	94.2	4236^31-31-40	4324^33-33-41	4336C33-33-42	4336C33-33-42
22	94.4	4308^32-32-41	4412^34-34-43	4420C35-35-43	4420C35-35-43
20	94.7	4379^33-33-42	4490^36-36-44	4503C36-36-44	4503C36-36-44
15	94.3	4467^35-35-44	4565^37-37-45	4572C37-37-45	4572C37-37-45
10	93.5	4490^35-35-44	4568^37-37-45	4576C37-37-45	4576C37-37-45
5	92.7	4489^35-35-44	4569^37-37-45	4578C37-37-45	4578C37-37-45
0	91.8	4488^35-35-44	4569^37-37-45	4581C37-37-45	4581C37-37-45
-5	91.0	4483^35-35-44	4565^37-37-45	4583C37-37-46	4583C37-37-46
-10	90.1	4471^35-35-44	4554^36-36-45	4570C37-37-45	4570C37-37-45
-15	89.3	4470^35-35-44	4554^36-36-45	4575C37-37-45	4575C37-37-45
-20	88.4	4465^35-35-44	4551^36-36-45	4575C37-37-45	4575C37-37-45

High QNH **+100** per .10" Engine A/I ON **-7040**
Low QNH per .10" Wing A/I ON **-7040**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 8465 Length 13780 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **31 Jan 22**

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TOLUCA -TLC 15 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
33	3765^18	3840^20	3865^20
32	3801^19	3877^20	3902^21
30	3880^20	3956^21	3982^22
28	3961^21	4038^23	4063^23
26	4043^22	4120^24	4146^24
24	4126^24	4204^25	4230^26
22	4210^25	4290^27	4316^27
20	4285^26	4365^28	4391^28
15	4354^27	4436^29	4462^29
10	4356^27	4439^29	4466^29
5	4355^27	4439^29	4466^29
0	4354^27	4439^29	4467^29
-5	4348^27	4435^29	4463^29
-10	4337^27	4424^28	4454^29

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

Engine A/I ON **-6870**
Wing A/I ON **-6870**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
33	3761^18	3836^20	3861^20
32	3797^19	3872^20	3898^21
30	3875^20	3952^21	3977^22
28	3956^21	4034^23	4059^23
26	4038^22	4116^24	4142^24
24	4122^24	4200^25	4227^26
22	4207^25	4286^26	4312^27
20	4278^26	4358^27	4384^28
15	4351^27	4433^29	4459^29
10	3672^17	3750^18	3776^19
5	3862^20	3943^21	3969^22
0	4075^23	4157^24	4185^25
-5	4221^25	4306^27	4334^27
-10	4236^25	4323^27	4352^27

High QNH **+100** per .10"
Low QNH 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
33	3765D18	3840D20	3865D20
32	3801D19	3877D20	3902D21
30	3880D20	3956D22	3982D22
28	3961D21	4038D23	4063D23
26	4043D23	4120D24	4146D25
24	4126D24	4204D25	4230D26
22	4210D25	4290D27	4316D27
20	4285D26	4365D28	4391D28
15	4354D27	4436D29	4462D29
10	4356D27	4439D29	4466D29
5	4355D27	4439D29	4466D29
0	4354D27	4439D29	4467D29
-5	4348D27	4435D29	4463D29
-10	4337D27	4424D29	4454D29

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

Engine A/I ON **-6870**
Wing A/I ON **-6870**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
33	3761D18	3836D20	3861D20
32	3797D19	3872D20	3898D21
30	3875D20	3952D22	3977D22
28	3956D21	4034D23	4059D23
26	4038D23	4116D24	4142D24
24	4122D24	4200D25	4227D26
22	4207D25	4286D27	4312D27
20	4278D26	4358D28	4384D28
15	4351D27	4433D29	4459D29
10	3672D17	3750D18	3776D19
5	3862D20	3943D21	3969D22
0	4075D23	4157D24	4185D25
-5	4221D25	4306D27	4334D27
-10	4236D25	4323D27	4352D28

High QNH **+100** per .10"
Low QNH 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	3882^ 8	4014^17	4045^20
26	3947^ 8	4094^17	4125^20
24	4012^ 9	4176^17	4208^20
22	4078^ 9	4258^18	4291^21
20	4143^10	4325^18	4365^21
15	4229^11	4405^20	4439^23
10	4257^12	4412^21	4446^24
5	4280^13	4416^23	4450^26
0	4304^14	4419^24	4454^27
-5	4313^16	4419^25	4455^28
-10	4306^17	4414^27	4447^29
-15	4308^18	4418^28	4448^29
-20	4307^20	4415^28	4445^29
-25	4305^21	4410^28	4441^29

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

Engine A/I ON **-6630**
Wing A/I ON **-6630**

LEVEL 2 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	3703^11	3889^18	3957^20
26	3768^11	3953^18	4022^21
24	3834^12	4021^19	4089^21
22	3901^12	4090^20	4158^22
20	3968^13	4159^20	4228^23
15	4066^15	4266^22	4338^25
10	4097^16	4301^23	4374^26
5	4123^17	4331^24	4405^27
0	4148^18	4360^25	4430^28
-5	4173^19	4388^26	4434^29
-10	4195^20	4392^27	4425^28
-15	4223^21	4396^28	4426^28
-20	4250^22	4393^28	4424^28
-25	4275^23	4389^28	4420^28

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

Engine A/I ON **-5680**
Wing A/I ON **-5680**

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	8465	Length	13780	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**31 Jan 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D8.6 TLC	**9465'**	***LT TLC**	**9465'**	**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
33	89.2	3757^18	3832^19	3858^20	3757D18	3832D20	3858D20	3911
32	89.3	3793^19	3869^20	3894^21	3793D19	3869D20	3894D21	3948
30	89.6	3871^20	3948^21	3973^22	3871D20	3948D21	3973D22	4026
28	89.9	3951^21	4029^23	4055^23	3951D21	4029D23	4055D23	4109
26	90.2	4033^22	4111^24	4137^24	4033D22	4111D24	4137D24	4192
24	90.5	4115^24	4195^25	4221^26	4115D24	4195D25	4221D26	4276
22	90.8	4198^25	4279^26	4305^27	4198D25	4279D26	4305D27	4359
20	91.1	4272^26	4353^27	4380^28	4272D26	4353D27	4380D28	4435
15	90.5	4338^27	4421^28	4448^29	4338D27	4421D28	4448D29	4507
10	89.9	4339^27	4423^28	4451^29	4339D27	4423D29	4451D29	4510
5	89.1	4512C27	4424^28	4452^29	4346^27	4424D29	4452D29	4512
0	88.3	4338^27	4424^28	4452^29	4338D27	4424D29	4452D29	4514
-5	87.5	4332^27	4420^28	4449^29	4332D27	4420D28	4449D29	4513
-10	86.7	4321^27	4410^28	4440^29	4321D27	4410D28	4440D29	4503
-15	85.9	4320^27	4410^28	4440^29	4320D27	4410D28	4440D29	4507
-20	85.0	4316^26	4407^28	4438^29	4316D27	4407D28	4438D29	4505

High QNH **+100** per .10" — Engine A/I ON **-6800**
Low QNH per .10" — Wing A/I ON **-6800**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
33	92.6	3765^18	3840^20	3865^20	3765D18	3840D20	3865D20	3911
32	92.7	3801^19	3877^20	3902^21	3801D19	3877D20	3902D21	3948
30	93.0	3880^20	3956^21	3982^22	3880D20	3956D22	3982D22	4026
28	93.4	3961^21	4038^23	4063^23	3961D21	4038D23	4063D23	4109
26	93.9	4043^22	4120^24	4146^24	4043D23	4120D24	4146D25	4192
24	94.2	4126^24	4204^25	4230^26	4126D24	4204D25	4230D26	4276
22	94.4	4210^25	4290^27	4316^27	4210D25	4290D27	4316D27	4359
20	94.7	4285^26	4365^28	4391^28	4285D26	4365D28	4391D28	4435
15	94.3	4354^27	4436^29	4462^29	4354D27	4436D29	4462D29	4507
10	93.5	4356^27	4439^29	4466^29	4356D27	4439D29	4466D29	4510
5	92.7	4355^27	4439^29	4466^29	4355D27	4439D29	4466D29	4512
0	91.8	4354^27	4439^29	4467^29	4354D27	4439D29	4467D29	4514
-5	91.0	4348^27	4435^29	4463^29	4348D27	4435D29	4463D29	4513
-10	90.1	4337^27	4424^28	4454^29	4337D27	4424D29	4454D29	4503
-15	89.3	4336^27	4424^28	4454^29	4336D27	4424D29	4454D29	4507
-20	88.4	4331^27	4421^28	4452^29	4331D27	4421D28	4452D29	4505

High QNH **+100** per .10" — Engine A/I ON **-6870**
Low QNH per .10" — Wing A/I ON **-6870**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
33	92.6	3880^26-26-34	3952^27-27-35	3972C28-28-36	3972C28-28-36
32	92.7	3917^26-26-35	3990^28-28-36	4011C28-28-36	4011C28-28-36
30	93.0	3999^28-28-36	4072^29-29-37	4088C29-29-38	4088C29-29-38
28	93.4	4081^29-29-38	4154^30-30-39	4170C31-31-39	4170C31-31-39
26	93.9	4165^30-30-39	4238^32-32-40	4253C32-32-40	4253C32-32-40
24	94.2	4251^32-32-40	4324^33-33-41	4336C33-33-42	4336C33-33-42
22	94.4	4338^33-33-42	4412^34-34-43	4420C35-35-43	4420C35-35-43
20	94.7	4415^34-34-43	4490^36-36-44	4503C36-36-44	4503C36-36-44
15	94.3	4488^35-35-44	4565^37-37-45	4572C37-37-45	4572C37-37-45
10	93.5	4490^35-35-44	4568^37-37-45	4576C37-37-45	4576C37-37-45
5	92.7	4489^35-35-44	4569^37-37-45	4578C37-37-45	4578C37-37-45
0	91.8	4488^35-35-44	4569^37-37-45	4581C37-37-45	4581C37-37-45
-5	91.0	4483^35-35-44	4565^37-37-45	4583C37-37-46	4583C37-37-46
-10	90.1	4471^35-35-44	4554^36-36-45	4570C37-37-45	4570C37-37-45
-15	89.3	4470^35-35-44	4554^36-36-45	4575C37-37-45	4575C37-37-45
-20	88.4	4465^35-35-44	4551^36-36-45	4575C37-37-45	4575C37-37-45

High QNH **+100** per .10" — Engine A/I ON **-7040**
Low QNH per .10" — Wing A/I ON **-7040**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 8465 Length 13780 Shift **0** Clearway 0 Stopway 0 Slope +0.00
Rwy Rev. Program Rules FAA **31 Jan 22**

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TOLUCA -TLC 33 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP / DRY - EAI VLV INOP OPEN

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
33	3765^18	3840^20	3865^20	3761^18	3836^20	3861^20			
32	3801^19	3877^20	3902^21	3797^19	3872^20	3898^21			
30	3880^20	3956^21	3982^22	3875^20	3952^21	3977^22			
28	3961^21	4038^23	4063^23	3956^21	4034^23	4059^23			
26	4043^22	4120^24	4146^24	4038^22	4116^24	4142^24			
24	4126^24	4204^25	4230^26	4122^24	4200^25	4227^26			
22	4210^25	4290^27	4316^27	4207^25	4286^26	4312^27			
20	4285^26	4365^28	4391^28	4278^26	4358^27	4384^28			
15	4354^27	4436^29	4462^29	4351^27	4433^29	4459^29			
10	4356^27	4439^29	4466^29	3672^17	3750^18	3776^19			
5	4355^27	4439^29	4466^29	3862^20	3943^21	3969^22			
0	4354^27	4439^29	4467^29	4075^23	4157^24	4185^25			
-5	4348^27	4435^29	4463^29	4221^25	4306^27	4334^27			
-10	4337^27	4424^28	4454^29	4236^25	4323^27	4352^27			
	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 -6870 Wing A/I ON -6870			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

WET - 1 FLP CHNL INOP / WET - EAI VLV INOP OPEN

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
33	3765D18	3840D20	3865D20	3761D18	3836D20	3861D20			
32	3801D19	3877D20	3902D21	3797D19	3872D20	3898D21			
30	3880D20	3956D22	3982D22	3875D20	3952D22	3977D22			
28	3961D21	4038D23	4063D23	3956D21	4034D23	4059D23			
26	4043D23	4120D24	4146D25	4038D23	4116D24	4142D24			
24	4126D24	4204D25	4230D26	4122D24	4200D25	4227D26			
22	4210D25	4290D27	4316D27	4207D25	4286D27	4312D27			
20	4285D26	4365D28	4391D28	4278D26	4358D28	4384D28			
15	4354D27	4436D29	4462D29	4351D27	4433D29	4459D29			
10	4356D27	4439D29	4466D29	3672D17	3750D18	3776D19			
5	4355D27	4439D29	4466D29	3862D20	3943D21	3969D22			
0	4354D27	4439D29	4467D29	4075D23	4157D24	4185D25			
-5	4348D27	4435D29	4463D29	4221D25	4306D27	4334D27			
-10	4337D27	4424D29	4454D29	4236D25	4323D27	4352D28			
	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 -6870 Wing A/I ON -6870			Engine A/I ON +0 Wing A/I ON +0			Engine A/I ON Wing A/I ON		

LEVEL 1 CONTAM / LEVEL 2 CONTAM / LEVEL 3 CONTAM

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	4014^17	4045^20	3770F10	3965F17	4003^20			
26	4000^ 8	4094^17	4125^20	3838F11	4033F18	4081^20			
24	4081^ 8	4176^17	4208^20	3907F11	4105F18	4162^21			
22	4163^ 9	4258^18	4291^21	3978F12	4176F19	4243^21			
20	4236^ 9	4332^18	4365^21	4048F12	4250F20	4318^22			
15	4306^11	4405^20	4439^23	4157F14	4362^21	4401^24			
10	4311^12	4412^21	4446^24	4192F15	4373^23	4413^25			
5	4313^13	4416^23	4450^26	4220F16	4381^24	4420^26			
0	4315^14	4419^24	4454^27	4248F17	4388^25	4430^28			
-5	4313^16	4419^25	4455^28	4272^18	4391^26	4434^29			
-10	4306^17	4414^27	4447^29	4268^19	4392^27	4425^28			
-15	4308^18	4418^28	4448^29	4272^20	4396^28	4426^28			
-20	4307^20	4415^28	4445^29	4274^21	4393^28	4424^28			
-25	4305^21	4410^28	4441^29	4275^23	4389^28	4420^28			
	High QNH +90 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 -6630 Wing A/I ON -6630			Engine A/I ON -6400 Wing A/I ON -6400			Engine A/I ON Wing A/I ON		

Elevation	8465	Length	13780	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.00
Rwy Rev.		Program						Rules	FAA		**31 Jan 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		4691'		**LT H330**	**4691'**	

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	4069^22	4219^25	4271^26	4039^13	4219D22	4271D25	4390
40	88.5	4137^23	4291^26	4343^27	4103^13	4291D23	4343D25	4480
38	88.7	4203^24	4360^27	4413^28	4165^14	4360D23	4413D26	4566
36	88.9	4269^25	4429^28	4483^29	4226^14	4429D24	4483D27	4653
34	89.1	4332^26	4496^29	4551^30	4287^15	4496D24	4551D27	4735
32	89.3	4385^27	4551^30	4607^31	4337^15	4551D25	4607D28	4816
30	89.5	4430^27	4598^30	4655^31	4380^15	4598D25	4655D28	4875
28	89.3	4451^28	4619^31	4676^32	4401^16	4619D25	4676D29	4896
26	89.0	4465^28	4633^31	4690^32	4415^16	4633D26	4690D29	4916
24	88.7	4476^28	4645^31	4702^32	4429^17	4645D26	4702D29	4920
22	88.4	4485^28	4655^31	4711^32	4439^17	4655D27	4711D30	4922
20	88.2	4495^28	4664^31	4721^32	4450^17	4664D27	4721D30	4924
15	87.4	4518^29	4687^32	4745^33	4479^18	4687D28	4745D31	4929
10	86.7	4539^29	4709^32	4767^33	4505^19	4709D29	4767D32	4931
5	85.9	4559^29	4727^32	4786^33	4529^20	4727D30	4786D33	4931
0	85.1	4576^30	4746^33	4803^34	4553^21	4746D31	4803D34	4922

High QNH **+40** per .10" Engine A/I ON **-660**
Low QNH **-150** per .10" Wing A/I ON **-660**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	91.5	4125^23	4270^26	4320^27	4089^14	4270D24	4320D27	4390
40	91.8	4195^24	4344^27	4396^28	4155^15	4344D24	4396D27	4480
38	92.3	4263^25	4415^28	4467^29	4216^15	4415D25	4467D28	4566
36	92.7	4329^26	4485^29	4539^30	4279^15	4485D25	4539D28	4653
34	93.0	4394^27	4553^30	4607^31	4339^16	4553D26	4607D29	4735
32	92.9	4451^28	4612^31	4667^32	4392^16	4612D26	4667D29	4816
30	92.9	4501^29	4665^31	4720^32	4439^17	4665D27	4720D30	4875
28	92.7	4525^29	4688^32	4743^33	4463^18	4688D27	4743D30	4896
26	92.5	4548^29	4712^32	4767^33	4486^18	4712D28	4767D31	4916
24	92.2	4560^29	4723^32	4779^33	4500^19	4723D28	4779D31	4920
22	91.9	4569^30	4732^32	4788^33	4511^19	4732D29	4788D32	4922
20	91.6	4577^30	4741^33	4797^34	4523^19	4741D29	4797D32	4924
15	90.8	4600^30	4764^33	4820^34	4552^20	4764D30	4820D33	4929
10	90.0	4622^31	4785^33	4841^34	4579^21	4785D31	4841D34	4931
5	89.2	4640^31	4802^34	4859^35	4604^22	4802D32	4859D35	4931
0	88.4	4656^31	4818^34	4874^35	4628^23	4818D33	4874D36	4922

High QNH **+40** per .10" Engine A/I ON **-700**
Low QNH **-160** per .10" Wing A/I ON **-700**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	91.5	4125^23-23-33	4270^26-26-35	4320^27-27-36	4371^28-28-37
40	91.8	4195^24-24-34	4344^27-27-36	4396^28-28-37	4448^29-29-38
38	92.3	4263^25-25-35	4415^28-28-37	4467^29-29-38	4520^30-30-39
36	92.7	4329^26-26-36	4485^29-29-38	4539^30-30-39	4592^31-31-40
34	93.0	4394^27-27-37	4553^30-30-39	4607^31-31-40	4662^32-32-41
32	92.9	4451^28-28-38	4612^31-31-40	4667^32-32-41	4723^33-33-42
30	92.9	4501^29-29-39	4665^31-31-41	4720^32-32-42	4776^33-33-43
28	92.7	4525^29-29-39	4688^32-32-41	4743^33-33-42	4800^34-34-43
26	92.5	4548^29-29-39	4712^32-32-42	4767^33-33-42	4824^34-34-43
24	92.2	4560^29-29-39	4723^32-32-42	4779^33-33-43	4836^34-34-43
22	91.9	4569^30-30-40	4732^32-32-42	4788^33-33-43	4845^34-34-44
20	91.6	4577^30-30-40	4741^33-33-42	4797^34-34-43	4854^35-35-44
15	90.8	4600^30-30-40	4764^33-33-42	4820^34-34-43	4876^35-35-44
10	90.0	4622^31-31-40	4785^33-33-43	4841^34-34-44	4898^35-35-44
5	89.2	4640^31-31-41	4802^34-34-43	4859^35-35-44	4916^36-36-45
0	88.4	4656^31-31-41	4818^34-34-43	4874^35-35-44	4922C36-36-45

High QNH **+40** per .10" Engine A/I ON **-700**
Low QNH **-160** per .10" Wing A/I ON **-700**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	3691	Length	9039	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.13
Rwy Rev.		Program						Rules	FAA		**01 Apr 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP — Flaps **9**

OAT °C	-10T	+0	+10H
42	4125^23	4270^26	4320^27
40	4195^24	4344^27	4396^28
38	4263^25	4415^28	4467^29
36	4329^26	4485^29	4539^30
34	4394^27	4553^30	4607^31
32	4451^28	4612^31	4667^32
30	4501^29	4665^31	4720^32
28	4525^29	4688^32	4743^33
26	4548^29	4712^32	4767^33
24	4560^29	4723^32	4779^33
22	4569^30	4732^32	4788^33
20	4577^30	4741^33	4797^34
15	4600^30	4764^33	4820^34
10	4622^31	4785^33	4841^34

High QNH **+50** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-700**
Wing A/I ON **-700**

DRY - EAI VLV INOP OPEN — Flaps **9**

OAT °C	-10T	+0	+10H
42	4117^23	4263^26	4313^27
40	4187^24	4337^27	4388^28
38	4254^25	4407^28	4459^29
36	4322^26	4477^29	4530^30
34	4387^27	4545^30	4599^31
32	4444^28	4605^31	4660^32
30	4494^28	4657^31	4713^32
28	4517^29	4681^32	4736^33
26	4541^29	4705^32	4760^33
24	4552^29	4715^32	4772^33
22	4561^30	4724^32	4780^33
20	4570^30	4733^33	4790^33
15	4592^30	4756^33	4812^34
10	4554^30	4713^32	4768^33

High QNH **+50** 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
42	4089^14	4270D24	4320D27
40	4155^15	4344D24	4396D27
38	4216^15	4415D25	4467D28
36	4279^15	4485D25	4539D28
34	4339^16	4553D26	4607D29
32	4392^16	4612D26	4667D29
30	4439^17	4665D27	4720D30
28	4463^18	4688D27	4743D30
26	4486^18	4712D28	4767D31
24	4500^19	4723D28	4779D31
22	4511^19	4732D29	4788D32
20	4523^19	4741D29	4797D32
15	4552^20	4764D30	4820D33
10	4579^21	4785D31	4841D34

High QNH **+50** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-700**
Wing A/I ON **-700**

WET - EAI VLV INOP OPEN — Flaps **9**

OAT °C	-10T	+0	+10H
42	4082^14	4263D23	4313D26
40	4148^14	4337D24	4388D27
38	4210^15	4407D24	4459D27
36	4272^15	4477D25	4530D28
34	4333^16	4545D25	4599D28
32	4386^16	4605D26	4660D29
30	4434^17	4657D27	4713D30
28	4457^17	4681D27	4736D30
26	4481^18	4705D28	4760D31
24	4494^18	4715D28	4772D31
22	4505^19	4724D29	4780D32
20	4516^19	4733D29	4790D32
15	4545^20	4756D30	4812D33
10	4520^21	4713D31	4768D34

High QNH **+50** 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 **9**

OAT °C	-10T	+0	+10H
28	3612F97	4225F 5	4287^ 8
26	3734F97	4246^ 5	4308^ 9
24	3820F97	4257^ 6	4320^ 9
22	3926F97	4267^ 6	4331^ 9
20	4038F97	4278^ 6	4343^10
15	4073F98	4305^ 7	4372^11
10	4101F99	4329^ 8	4401^12
5	4123F99	4352^ 9	4426^13
0	4151F 0	4377^10	4454^14
-5	4181F 1	4408^11	4486^15
-10	4211F 2	4438^13	4516^16
-15	4241F 3	4469^14	4548^17
-20	4270F 4	4497^15	4579^18
-25	4300F 5	4527^16	4610^19

High QNH **+60** per .10"
Low QNH **-90** per .10"

Engine A/I ON **-590**
Wing A/I ON **-590**

LEVEL 2 CONTAM — Flaps **22**

OAT °C	-10T	+0	+10H
28	3620F 0	3908F 8	4021F11
26	3654F 1	3944F 9	4057F12
24	3665F 1	3957F 9	4075F12
22	3677F 1	3970F10	4091F12
20	3691F 1	3982F10	4111F12
15	3724F 2	4015F11	4161F13
10	3757F 3	4056F11	4210F14
5	3787F 4	4102F12	4246^14
0	3822F 5	4151F13	4242^14
-5	3853F 5	4198F14	4243^14
-10	3884F 6	4204^14	4244^14
-15	3917F 7	4204^14	4244^14
-20	3947F 8	4200^14	4242^14
-25	3974F 9	4196^14	4238^14

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-320**
Wing A/I ON **-320**

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	3691	Length	9039	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.13
Rwy Rev.		Program						Rules	FAA		**01 Apr 22**

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TAR Mexico **EMB-145** **AE3007A1**

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		4691'		**RT H340**	**4691'**	

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	3909^19	4051^22	4100^23	3909D14	4051D23	4100D24	4390
40	88.5	3975^20	4120^23	4171^24	3975D14	4120D23	4171D25	4480
38	88.7	4040^21	4187^24	4240^25	4040^15	4187D24	4240D26	4566
36	88.9	4105^22	4254^25	4307^26	4101^15	4254D24	4307D27	4653
34	89.1	4166^23	4320^26	4372^27	4160^16	4320D25	4372D28	4735
32	89.3	4219^24	4374^26	4428^27	4210^16	4374D25	4428D28	4816
30	89.5	4263^24	4419^27	4475^28	4253^16	4419D26	4475D29	4875
28	89.3	4282^24	4439^27	4494^28	4272^17	4439D26	4494D29	4896
26	89.0	4295^25	4452^28	4508^29	4287^17	4452D27	4508D30	4916
24	88.7	4305^25	4463^28	4518^29	4299^18	4463D27	4518D30	4920
22	88.4	4313^25	4471^28	4527^29	4308^18	4471D28	4527D30	4922
20	88.2	4321^25	4479^28	4535^29	4318^18	4479D28	4535D30	4924
15	87.4	4341^25	4500^28	4556^29	4341D19	4500D29	4556D30	4929
10	86.7	4360^26	4520^29	4576^30	4360D20	4520D30	4576D31	4931
5	85.9	4375^26	4535^29	4591^30	4375D21	4535D30	4591D31	4931
0	85.1	4390^26	4550^29	4605^30	4390D22	4550D30	4605D31	4922

High QNH **+40** per .10" Engine A/I ON **-670**
Low QNH **-150** per .10" Wing A/I ON **-670**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
42	91.5	3954^20	4094^23	4141^24	3954D15	4094D24	4141D25	4390
40	91.8	4023^21	4165^24	4214^25	4023D16	4165D25	4214D26	4480
38	92.3	4089^22	4234^25	4283^26	4088^16	4234D26	4283D27	4566
36	92.7	4154^23	4302^26	4353^27	4149^16	4302D26	4353D28	4653
34	93.0	4218^24	4368^27	4420^27	4209^17	4368D27	4420D29	4735
32	92.9	4273^25	4425^27	4479^28	4262^17	4425D27	4479D29	4816
30	92.9	4321^25	4476^28	4529^29	4308^18	4476D28	4529D30	4875
28	92.7	4342^26	4497^28	4550^29	4330^19	4497D28	4550D31	4896
26	92.5	4362^26	4518^29	4571^30	4352^19	4518D29	4571D31	4916
24	92.2	4373^26	4529^29	4582^30	4364^20	4529D29	4582D31	4920
22	91.9	4381^26	4537^29	4590^30	4374^20	4537D30	4590D31	4922
20	91.6	4388^26	4545^29	4597^30	4385^20	4545D30	4597D31	4924
15	90.8	4409^27	4565^30	4618^30	4409D21	4565D31	4618D32	4929
10	90.0	4427^27	4583^30	4636^31	4427D22	4583D31	4636D32	4931
5	89.2	4440^27	4596^30	4650^31	4440D23	4596D31	4650D32	4931
0	88.4	4454^28	4609^30	4663^31	4454D24	4609D31	4663D32	4922

High QNH **+40** per .10" Engine A/I ON **-710**
Low QNH **-150** per .10" Wing A/I ON **-710**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
42	91.5	3954^20-20-30	4094^23-23-32	4141^24-24-33	4189^24-24-34
40	91.8	4023^21-21-31	4165^24-24-34	4214^25-25-34	4264^26-26-35
38	92.3	4089^22-22-32	4234^25-25-35	4283^26-26-35	4334^27-27-36
36	92.7	4154^23-23-33	4302^26-26-36	4353^27-27-36	4405^28-28-37
34	93.0	4218^24-24-34	4368^27-27-37	4420^27-27-37	4473^28-28-38
32	92.9	4273^25-25-35	4425^27-27-37	4479^28-28-38	4531^29-29-39
30	92.9	4321^25-25-36	4476^28-28-38	4529^29-29-39	4583^30-30-40
28	92.7	4342^26-26-36	4497^28-28-39	4550^29-29-39	4604^30-30-40
26	92.5	4362^26-26-37	4518^29-29-39	4571^30-30-40	4625^31-31-40
24	92.2	4373^26-26-37	4529^29-29-39	4582^30-30-40	4636^31-31-41
22	91.9	4381^26-26-37	4537^29-29-39	4590^30-30-40	4644^31-31-41
20	91.6	4388^26-26-37	4545^29-29-39	4597^30-30-40	4652^31-31-41
15	90.8	4409^27-27-37	4565^30-30-40	4618^30-30-40	4672^31-31-41
10	90.0	4427^27-27-37	4583^30-30-40	4636^31-31-41	4690^32-32-41
5	89.2	4440^27-27-38	4596^30-30-40	4650^31-31-41	4705^32-32-42
0	88.4	4454^28-28-38	4609^30-30-40	4663^31-31-41	4717^32-32-42

High QNH **+40** per .10" Engine A/I ON **-710**
Low QNH **-150** per .10" Wing A/I ON **-710**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 3691 Length 9039 Shift **0** Clearway 0 Stopway 0 Slope +0.13
Rwy Rev. Program Rules FAA **01 Apr 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
42	3954^20	4094^23	4141^24
40	4023^21	4165^24	4214^25
38	4089^22	4234^25	4283^26
36	4154^23	4302^26	4353^27
34	4218^24	4368^27	4420^27
32	4273^25	4425^27	4479^28
30	4321^25	4476^28	4529^29
28	4342^26	4497^28	4550^29
26	4362^26	4518^29	4571^30
24	4373^26	4529^29	4582^30
22	4381^26	4537^29	4590^30
20	4388^26	4545^29	4597^30
15	4409^27	4565^30	4618^30
10	4427^27	4583^30	4636^31

High QNH **+40** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-710**
Wing A/I ON **-710**

DRY - EAI VLV INOP OPEN

Flaps **9**

-10T	+0	+10H
3947^20	4087^23	4134^23
4016^21	4158^24	4208^25
4082^22	4227^25	4277^25
4147^23	4295^26	4347^26
4211^24	4361^26	4413^27
4266^24	4418^27	4472^28
4315^25	4470^28	4524^29
4336^25	4490^28	4544^29
4356^26	4511^29	4565^30
4367^26	4522^29	4576^30
4374^26	4529^29	4584^30
4382^26	4538^29	4591^30
4401^27	4557^29	4611^30
4358^26	4511^29	4562^30

High QNH **+50** per .10"
Low QNH **-150** 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

Flaps **9**

OAT °C	-10T	+0	+10H
42	3954D15	4094D24	4141D25
40	4023D16	4165D25	4214D26
38	4088^16	4234D26	4283D27
36	4149^16	4302D26	4353D28
34	4209^17	4368D27	4420D29
32	4262^17	4425D27	4479D29
30	4308^18	4476D28	4529D30
28	4330^19	4497D28	4550D31
26	4352^19	4518D29	4571D31
24	4364^20	4529D29	4582D31
22	4374^20	4537D30	4590D31
20	4385^20	4545D30	4597D31
15	4409D21	4565D31	4618D32
10	4427D22	4583D31	4636D32

High QNH **+40** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-710**
Wing A/I ON **-710**

WET - EAI VLV INOP OPEN

Flaps **9**

-10T	+0	+10H
3947D15	4087D24	4134D24
4016D15	4158D25	4208D26
4081^16	4227D25	4277D27
4143^16	4295D26	4347D28
4203^17	4361D26	4413D28
4256^17	4418D27	4472D29
4303^18	4470D27	4524D30
4324^18	4490D28	4544D30
4347^19	4511D29	4565D31
4358^19	4522D29	4576D31
4369^20	4529D30	4584D31
4378^20	4538D30	4591D31
4401D21	4557D31	4611D31
4358D22	4511D30	4562D31

High QNH **+50** per .10"
Low QNH **-150** 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

Flaps **9**

OAT °C	-10T	+0	+10H
28	3855F97	4128^ 6	4196^ 9
26	3961^97	4149^ 6	4217^10
24	3974^97	4162^ 7	4230^10
22	3982^97	4171^ 7	4241^10
20	3992^98	4182^ 8	4252^11
15	4016^99	4210^ 9	4281^12
10	4039^ 0	4235^10	4308^13
5	4058^ 1	4258^11	4331^14
0	4079^ 2	4282^12	4358^15
-5	4104^ 3	4310^13	4387^16
-10	4129^ 4	4338^14	4416^17
-15	4154^ 5	4366^15	4446^18
-20	4177^ 6	4394^16	4475^19
-25	4200^ 7	4421^17	4503^21

High QNH **+50** per .10"
Low QNH **-80** per .10"

Engine A/I ON **-570**
Wing A/I ON **-570**

LEVEL 2 CONTAM

Flaps **22**

-10T	+0	+10H
3600F 1	3887^ 9	4030F11
3633F 1	3923F10	4067F12
3646F 2	3939F10	4086F12
3656F 2	3958F10	4104F12
3666^ 2	3975F10	4123F13
3695^ 3	4020F11	4172F13
3724^ 4	4065F12	4221F14
3749^ 5	4112F12	4189F14
3785^ 5	4161F13	4211F14
3819^ 6	4201^14	4209F14
3852^ 7	4202^14	4228F14
3884^ 8	4201^14	4233F14
3916^ 9	4198^14	4233F14
3950^ 9	4194^14	4236^14

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-290**
Wing A/I ON **-290**

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	3691	Length	9039	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.13
Rwy Rev.		Program						Rules	FAA		**01 Apr 22**

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TUXTLA GUTIERREZ (TGZ / MMTG) COMPLEX SPECIAL PROCEDURES

Takeoff - Runway 15

AIRCRAFT	MINIMUMS	MAX CROSSWIND	OTHER
ALL			**TGZ VOR REQUIRED**

Engine Failure During Takeoff:

BELOW 3100'

1) Climb via TGZ R-145.
2) Reaching 2900', accelerate, retract flaps, set MCT/MCP and continue climb.
3) At D26.0 TGZ, LEFT turn TGZ.
4) At TGZ VOR, climb-in-hold on inbound track, STANDARD, request radar vectors or resume own navigation, as deemed appropriate.

AT OR ABOVE 3100'

Continue on SID.

Other Considerations:

Takeoff - Runway 33

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 H115 to intercept and track TGZ R-145.
3) Reaching 2800', accelerate, retract flaps, set MCT/MCP and continue climb.
4) At D26.0 TGZ, LEFT turn TGZ.
5) At TGZ VOR, climb-in-hold on inbound track, STANDARD, request radar vectors or resume own navigation, as deemed appropriate.

AT OR ABOVE 1900' AND BELOW 5900'

1) Immediate RIGHT turn TGZ.
2) At TGZ VOR, climb-in-hold on inbound track, LEFT turns, request radar vectors or resume own navigation, as deemed appropriate.

AT OR ABOVE 5900'

Continue on SID.

Other Considerations:

TUXTLA GUTIERREZ (TGZ / MMTG) COMPLEX SPECIAL PROCEDURES

INTENTIONALLY BLANK

TUXTLA GUTIERREZ -TGZ 15 *SPECIAL*

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	4106^22	4264^25	4309^26	4070^12	4264D21	4309D25	4569
44	88.0	4177^23	4340^26	4388^27	4137^12	4340D22	4388D25	4670
42	88.2	4247^24	4415^27	4465^28	4201^13	4415D22	4465D26	4771
40	88.4	4304^25	4476^28	4529^29	4256^13	4476D23	4529D26	4860
38	88.1	4342^25	4517^29	4570^30	4293^14	4517D23	4570D27	4942
36	87.9	4366^26	4541^29	4594^30	4316^14	4541D24	4594D27	4954
34	87.7	4375^26	4550^29	4604^30	4327^14	4550D24	4604D27	4955
32	87.5	4384^26	4559^29	4612^30	4338^15	4559D24	4612D28	4957
30	87.3	4394^26	4568^29	4620^30	4349^15	4568D25	4620D28	4958
28	87.0	4403^26	4576^30	4628^31	4359^15	4576D25	4628D28	4960
26	86.7	4412^27	4586^30	4637^31	4371^16	4586D26	4637D29	4961
24	86.4	4422^27	4594^30	4645^31	4382^16	4594D26	4645D29	4963
22	86.1	4431^27	4603^30	4654^31	4392^16	4603D26	4654D30	4964
20	85.8	4440^27	4612^30	4663^31	4404^17	4612D27	4663D30	4966
15	85.1	4463^28	4634^31	4684^31	4432^18	4634D28	4684D31	4969
10	84.3	4483^28	4652^31	4700^32	4456^19	4652D29	4700D32	4968

High QNH **+40** per .10" Engine A/I ON **-500**
Low QNH **-150** per .10" Wing A/I ON **-500**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	91.0	4171^23	4315^26	4356^27	4125^13	4315D23	4356D26	4569
44	91.3	4245^24	4395^27	4438^28	4194^14	4395D24	4438D27	4670
42	91.5	4317^25	4474^28	4518^29	4261^14	4474D24	4518D27	4771
40	91.7	4382^26	4541^29	4587^30	4320^15	4541D25	4587D28	4860
38	91.5	4429^27	4589^30	4635^31	4363^15	4589D25	4635D29	4942
36	91.4	4457^27	4617^30	4663^31	4391^16	4617D26	4663D29	4954
34	91.2	4470^28	4628^31	4674^31	4406^16	4628D26	4674D30	4955
32	90.9	4481^28	4638^31	4683^31	4418^17	4638D27	4683D30	4957
30	90.6	4491^28	4647^31	4692^32	4430^17	4647D27	4692D30	4958
28	90.3	4500^28	4655^31	4700^32	4441^17	4655D27	4700D31	4960
26	90.0	4509^28	4663^31	4708^32	4452^18	4663D28	4708D31	4961
24	89.7	4518^29	4671^31	4716^32	4464^18	4671D28	4716D32	4963
22	89.4	4527^29	4680^31	4723^32	4475^18	4680D29	4723D32	4964
20	89.1	4535^29	4688^32	4731^32	4486^19	4688D29	4731D32	4966
15	88.3	4558^29	4707^32	4750^33	4515^20	4707D30	4750D33	4969
10	87.5	4576^30	4722^32	4765^33	4540^21	4722D31	4765D34	4968

High QNH **+40** per .10" Engine A/I ON **-530**
Low QNH **-160** per .10" Wing A/I ON **-530**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
46	91.0	4171^23-23-34	4315^26-26-36	4356^27-27-36	4395^28-28-37
44	91.3	4245^24-24-35	4395^27-27-37	4438^28-28-38	4478^29-29-38
42	91.5	4317^25-25-36	4474^28-28-38	4518^29-29-39	4560^30-30-39
40	91.7	4382^26-26-37	4541^29-29-39	4587^30-30-40	4630^31-31-40
38	91.5	4429^27-27-37	4589^30-30-40	4635^31-31-41	4678^32-32-41
36	91.4	4457^27-27-38	4617^30-30-40	4663^31-31-41	4706^32-32-42
34	91.2	4470^28-28-38	4628^31-31-40	4674^31-31-41	4716^32-32-42
32	90.9	4481^28-28-38	4638^31-31-41	4683^31-31-41	4725^32-32-42
30	90.6	4491^28-28-38	4647^31-31-41	4692^32-32-41	4733^32-32-42
28	90.3	4500^28-28-39	4655^31-31-41	4700^32-32-41	4741^32-32-42
26	90.0	4509^28-28-39	4663^31-31-41	4708^32-32-42	4748^33-33-42
24	89.7	4518^29-29-39	4671^31-31-41	4716^32-32-42	4756^33-33-42
22	89.4	4527^29-29-39	4680^31-31-41	4723^32-32-42	4766^33-33-42
20	89.1	4535^29-29-39	4688^32-32-41	4731^32-32-42	4776^33-33-43
15	88.3	4558^29-29-39	4707^32-32-42	4750^33-33-42	4802^33-33-43
10	87.5	4576^30-30-40	4722^32-32-42	4765^33-33-42	4824^34-34-43

High QNH **+40** per .10" Engine A/I ON **-530**
Low QNH **-160** per .10" Wing A/I ON **-530**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 1508 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.06
Rwy Rev. Program Rules FAA **29 Dec 22**

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TUXTLA GUTIERREZ -TGZ 15 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
46	4171^23	4315^26	4356^27
44	4245^24	4395^27	4438^28
42	4317^25	4474^28	4518^29
40	4382^26	4541^29	4587^30
38	4429^27	4589^30	4635^31
36	4457^27	4617^30	4663^31
34	4470^28	4628^31	4674^31
32	4481^28	4638^31	4683^31
30	4491^28	4647^31	4692^32
28	4500^28	4655^31	4700^32
26	4509^28	4663^31	4708^32
24	4518^29	4671^31	4716^32
22	4527^29	4680^31	4723^32
10	4576^30	4722^32	4765^33

High QNH **+40** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-530**
Wing A/I ON **-530**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
46	4163^23	4308^26	4349^27
44	4237^24	4388^27	4431^28
42	4310^25	4466^28	4512^29
40	4374^26	4534^29	4580^30
38	4422^27	4582^30	4629^31
36	4449^27	4610^30	4657^31
34	4465^28	4623^30	4669^31
32	4474^28	4632^31	4677^31
30	4483^28	4640^31	4685^32
28	4492^28	4648^31	4693^32
26	4501^28	4656^31	4701^32
24	4510^28	4665^31	4709^32
22	4519^29	4673^31	4717^32
10	4528^29	4668^31	4714^32

High QNH **+20** 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	4125^13	4315D23	4356D26
44	4194^14	4395D24	4438D27
42	4261^14	4474D24	4518D27
40	4320^15	4541D25	4587D28
38	4363^15	4589D25	4635D29
36	4391^16	4617D26	4663D29
34	4406^16	4628D26	4674D30
32	4418^17	4638D27	4683D30
30	4430^17	4647D27	4692D30
28	4441^17	4655D27	4700D31
26	4452^18	4663D28	4708D31
24	4464^18	4671D28	4716D32
22	4475^18	4680D29	4723D32
10	4540^21	4722D31	4765D34

High QNH **+40** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-530**
Wing A/I ON **-530**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
46	4118^13	4308D23	4349D26
44	4187^14	4388D23	4431D27
42	4254^14	4466D24	4512D27
40	4313^15	4534D25	4580D28
38	4357^15	4582D25	4629D28
36	4385^16	4610D26	4657D29
34	4401^16	4623D26	4669D29
32	4413^16	4632D27	4677D30
30	4424^17	4640D27	4685D30
28	4435^17	4648D27	4693D31
26	4446^18	4656D28	4701D31
24	4457^18	4665D28	4709D31
22	4469^18	4673D29	4717D32
10	4497^21	4668D31	4714D33

High QNH **+20** 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	2963F99	4165^ 5	4245^ 8
26	3100F98	4176^ 5	4257^ 8
24	3256F98	4187^ 5	4268^ 9
22	3383F98	4198^ 6	4280^ 9
20	3517F98	4209^ 6	4291^10
15	3853F98	4238^ 7	4320^11
10	4018F98	4261^ 8	4346^12
5	4046F99	4291^ 9	4376^13
0	4074F 0	4322^10	4408^14
-5	4104F 1	4353^11	4441^15
-10	4132F 2	4384^12	4472^16
-15	4159^ 3	4413^13	4503^17
-20	4186^ 4	4445^15	4535^18
-25	4213^ 5	4476^16	4567^19

High QNH **+50** per .10"
Low QNH **-60** per .10"

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

LEVEL 2 CONTAM

OAT °C	Flaps 22 -10T	+0	+10H
28	3434F 1	3852F 9	4022F11
26	3451F 1	3868F 9	4040F11
24	3470F 1	3884F 9	4057F11
22	3488F 1	3905F 9	4075F12
20	3508F 2	3927F10	4096F12
15	3556F 2	3981F10	4143F13
10	3581F 3	4029F11	4192F13
5	3614F 4	4073F12	4244F14
0	3648F 5	4125F12	4269^15
-5	3685F 5	4176F13	4270^15
-10	3723F 6	4225^14	4268^15
-15	3760F 7	4223^14	4266^15
-20	3806F 8	4218^14	4263^14
-25	3856F 9	4214^14	4259^14

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

Engine A/I ON **-610**
Wing A/I ON **-610**

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 1508 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope +0.06
Rwy Rev. Program Rules FAA **29 Dec 22**

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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	4062^21	4213^24	4268^25	4041^12	4213D22	4268D25	4569
44	88.0	4135^22	4287^25	4344^26	4109^12	4287D22	4344D25	4670
42	88.2	4206^23	4359^26	4417^27	4176^13	4359D23	4417D26	4771
40	88.4	4265^24	4419^27	4477^28	4232^13	4419D23	4477D26	4860
38	88.1	4303^25	4458^28	4517^29	4270^14	4458D24	4517D27	4942
36	87.9	4327^25	4482^28	4541^29	4293^14	4482D24	4541D27	4954
34	87.7	4334^25	4492^28	4551^29	4303^14	4492D24	4551D28	4955
32	87.5	4342^25	4502^28	4561^29	4313^15	4502D25	4561D28	4957
30	87.3	4351^26	4511^28	4570^30	4322^15	4511D25	4570D28	4958
28	87.0	4359^26	4521^29	4580^30	4332^15	4521D25	4580D29	4960
26	86.7	4367^26	4530^29	4590^30	4342^16	4530D26	4590D29	4961
24	86.4	4375^26	4540^29	4599^30	4352^16	4540D26	4599D29	4963
22	86.1	4384^26	4549^29	4609^30	4362^17	4549D27	4609D30	4964
20	85.8	4392^26	4558^29	4619^30	4372^17	4558D27	4619D30	4966
15	85.1	4413^27	4582^30	4643^31	4397^18	4582D28	4643D31	4969
10	84.3	4429^27	4601^30	4663^31	4419^19	4601D29	4663D32	4968

High QNH **+40** per .10" Engine A/I ON **-460**
Low QNH **-150** per .10" Wing A/I ON **-460**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
46	91.0	4116^22	4270^25	4324^26	4088^13	4270D23	4324D26	4569
44	91.3	4189^23	4347^26	4403^27	4158^14	4347D24	4403D27	4670
42	91.5	4262^24	4422^27	4478^28	4226^14	4422D24	4478D27	4771
40	91.7	4326^25	4487^28	4544^29	4287^15	4487D25	4544D28	4860
38	91.5	4372^26	4535^29	4592^30	4330^15	4535D25	4592D29	4942
36	91.4	4398^26	4563^29	4621^30	4356^16	4563D26	4621D29	4954
34	91.2	4410^27	4576^30	4634^31	4370^16	4576D26	4634D30	4955
32	90.9	4420^27	4586^30	4645^31	4381^17	4586D27	4645D30	4957
30	90.6	4430^27	4597^30	4655^31	4392^17	4597D27	4655D30	4958
28	90.3	4439^27	4606^30	4664^31	4401^17	4606D28	4664D31	4960
26	90.0	4447^27	4615^30	4673^31	4412^18	4615D28	4673D31	4961
24	89.7	4456^27	4624^30	4682^31	4423^18	4624D28	4682D32	4963
22	89.4	4465^28	4634^31	4692^32	4434^19	4634D29	4692D32	4964
20	89.1	4474^28	4643^31	4700^32	4445^19	4643D29	4700D32	4966
15	88.3	4496^28	4665^31	4723^32	4472^20	4665D30	4723D33	4969
10	87.5	4514^28	4683^31	4741^32	4497^21	4683D31	4741D33	4968

High QNH **+40** per .10" Engine A/I ON **-510**
Low QNH **-150** per .10" Wing A/I ON **-510**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
46	91.0	4116^22-22-33	4270^25-25-35	4324^26-26-36	4378^27-27-37
44	91.3	4189^23-23-34	4347^26-26-36	4403^27-27-37	4458^28-28-38
42	91.5	4262^24-24-35	4422^27-27-37	4478^28-28-38	4536^29-29-39
40	91.7	4326^25-25-36	4487^28-28-38	4544^29-29-39	4603^30-30-40
38	91.5	4372^26-26-37	4535^29-29-39	4592^30-30-40	4652^31-31-41
36	91.4	4398^26-26-37	4563^29-29-39	4621^30-30-40	4680^31-31-41
34	91.2	4410^27-27-37	4576^30-30-40	4634^31-31-41	4693^32-32-41
32	90.9	4420^27-27-37	4586^30-30-40	4645^31-31-41	4703^32-32-42
30	90.6	4430^27-27-38	4597^30-30-40	4655^31-31-41	4713^32-32-42
28	90.3	4439^27-27-38	4606^30-30-40	4664^31-31-41	4722^32-32-42
26	90.0	4447^27-27-38	4615^30-30-40	4673^31-31-41	4731^32-32-42
24	89.7	4456^27-27-38	4624^30-30-40	4682^31-31-41	4741^32-32-42
22	89.4	4465^28-28-38	4634^31-31-41	4692^32-32-41	4750^33-33-42
20	89.1	4474^28-28-38	4643^31-31-41	4700^32-32-41	4759^33-33-42
15	88.3	4496^28-28-38	4665^31-31-41	4723^32-32-42	4781^33-33-43
10	87.5	4514^28-28-39	4683^31-31-41	4741^32-32-42	4799^33-33-43

High QNH **+40** per .10" Engine A/I ON **-510**
Low QNH **-150** per .10" Wing A/I ON **-510**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	1508	Length	8202	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.06
Rwy Rev.		Program						Rules	FAA		**29 Dec 22**

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TUXTLA GUTIERREZ -TGZ 33 *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	Flaps -10T	+0	+10H
46	4116^22	4270^25	4324^26	4109^22	4262^25	4317^26			
44	4189^23	4347^26	4403^27	4182^23	4338^26	4394^27			
42	4262^24	4422^27	4478^28	4255^24	4414^27	4470^28			
40	4326^25	4487^28	4544^29	4319^25	4479^28	4537^29			
38	4372^26	4535^29	4592^30	4365^26	4527^29	4585^30			
36	4398^26	4563^29	4621^30	4392^26	4555^29	4614^30			
34	4410^27	4576^30	4634^31	4405^27	4571^30	4629^31			
32	4420^27	4586^30	4645^31	4414^27	4579^30	4639^31			
30	4430^27	4597^30	4655^31	4423^27	4589^30	4648^31			
28	4439^27	4606^30	4664^31	4432^27	4598^30	4657^31			
26	4447^27	4615^30	4673^31	4441^27	4608^30	4666^31			
24	4456^27	4624^30	4682^31	4450^27	4617^30	4675^31			
22	4465^28	4634^31	4692^32	4458^27	4626^30	4684^32			
10	4514^28	4683^31	4741^32	4466^28	4631^31	4684^32			
	High QNH **+40** per .10" Low QNH **-150** per .10"			High QNH **+0** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-510** Wing A/I ON **-510**			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	4088^13	4270D23	4324D26	4082^13	4262D23	4317D26			
44	4158^14	4347D24	4403D27	4151^14	4338D24	4394D27			
42	4226^14	4422D24	4478D27	4220^14	4414D24	4470D27			
40	4287^15	4487D25	4544D28	4281^15	4479D25	4537D28			
38	4330^15	4535D25	4592D29	4324^15	4527D25	4585D28			
36	4356^16	4563D26	4621D29	4350^16	4555D26	4614D29			
34	4370^16	4576D26	4634D30	4365^16	4571D26	4629D30			
32	4381^17	4586D27	4645D30	4375^17	4579D27	4639D30			
30	4392^17	4597D27	4655D30	4386^17	4589D27	4648D30			
28	4401^17	4606D28	4664D31	4395^17	4598D27	4657D31			
26	4412^18	4615D28	4673D31	4405^18	4608D28	4666D31			
24	4423^18	4624D28	4682D32	4416^18	4617D28	4675D31			
22	4434^19	4634D29	4692D32	4428^18	4626D29	4684D32			
10	4497^21	4683D31	4741D33	4454^21	4631D31	4684D32			
	High QNH **+40** per .10" Low QNH **-150** per .10"			High QNH **+0** per .10" Low QNH **-150** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-510** Wing A/I ON **-510**			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	2774F99	4164^ 4	4237^ 8	3445F 0	3860^ 8	4016F11			
26	2910F99	4175^ 5	4247^ 8	3464F 0	3876^ 9	4034F11			
24	3087F99	4185^ 5	4258^ 9	3480F 1	3893^ 9	4052F11			
22	3225F98	4196^ 6	4269^ 9	3502F 1	3908F 9	4071F12			
20	3363F98	4207^ 6	4280^ 9	3519F 1	3925^10	4091F12			
15	3724F98	4232^ 7	4307^10	3570F 2	3974F10	4137F13			
10	4026F98	4255^ 8	4330^11	3590F 3	4023F11	4186F13			
5	4057F99	4281^ 9	4356^12	3622F 3	4071F12	4237F14			
0	4086F 0	4310^10	4386^13	3658F 4	4121F12	4270^15			
-5	4115F 0	4339^11	4416^15	3696F 5	4170F13	4271^15			
-10	4143F 2	4367^12	4446^16	3733F 6	4223F14	4270^15			
-15	4166^ 3	4394^13	4477^17	3772F 7	4223^14	4267^15			
-20	4192^ 4	4422^14	4509^18	3818F 7	4219^14	4264^14			
-25	4218^ 5	4451^16	4542^19	3866^ 8	4215^14	4260^14			
	High QNH **+50** per .10" Low QNH **-60** per .10"			High QNH **+10** per .10" Low QNH **-100** per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON **-470** Wing A/I ON **-470**			Engine A/I ON **-590** Wing A/I ON **-590**			Engine A/I ON Wing A/I ON		

Elevation 1508 Length 8202 Shift **0** Clearway 0 Stopway 0 Slope -0.06

Rwy Rev. Program Rules FAA **29 Dec 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1090'		DT H008	1090'	

A/C **AUTO**

ALT TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
49	87.6	4203^24	4366^27	4422^28
48	87.6	4246^24	4409^27	4467^28
46	87.7	4330^25	4497^29	4556^30
44	87.6	4380^26	4550^29	4610^30
42	87.4	4400^26	4571^30	4632^31
40	87.2	4417^27	4589^30	4649^31
38	86.9	4425^27	4597^30	4657^31
36	86.6	4433^27	4606^30	4666^31
34	86.4	4441^27	4614^30	4674^31
32	86.1	4449^27	4623^30	4684^31
30	85.8	4458^27	4631^31	4693^32
28	85.5	4466^28	4641^31	4701^32
26	85.2	4475^28	4650^31	4711^32
24	85.0	4483^28	4659^31	4720^32
22	84.7	4492^28	4667^31	4729^32
10	82.9	4539^29	4716^32	4777^33

ALT TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4161^12	4366D22	4422D25	4652
4201^12	4409D22	4467D25	4711
4280^12	4497D22	4556D26	4830
4328^13	4549^23	4610D26	4893
4348^13	4571^23	4632D26	4946
4365^13	4589D23	4649D27	4959
4374^14	4597D24	4657D27	4961
4383^14	4606D24	4666D27	4962
4394^14	4614D25	4674D28	4964
4404^15	4623D25	4684D28	4966
4414^15	4631D25	4693D29	4968
4424^15	4641D26	4701D29	4970
4434^16	4650D26	4711D29	4971
4444^16	4659D26	4720D30	4973
4454^17	4667D27	4729D30	4975
4513^19	4716D29	4777D32	4972

High QNH **+60** per .10" — Engine A/I ON **-550**
Low QNH **-160** per .10" — Wing A/I ON **-550**

A/C **AUTO**

TO-1 - DRY RWY — Flaps **9**

OAT °C	N1%	-10T	+0	+10H
49	90.8	4260^25	4420^28	4475^29
48	90.8	4304^25	4466^28	4522^29
46	90.9	4391^27	4557^30	4615^31
44	90.8	4450^27	4618^30	4677^31
42	90.6	4483^28	4652^31	4711^32
40	90.3	4500^28	4669^31	4729^32
38	90.0	4509^28	4678^31	4738^32
36	89.7	4516^29	4687^32	4746^33
34	89.5	4525^29	4695^32	4754^33
32	89.2	4533^29	4704^32	4762^33
30	88.9	4541^29	4712^32	4771^33
28	88.6	4549^29	4721^32	4779^33
26	88.3	4557^29	4730^32	4788^33
24	88.0	4566^29	4738^32	4796^33
22	87.7	4574^30	4746^33	4805^34
10	85.9	4619^30	4791^33	4849^34

TO-1 - WET RWY — Flaps **9**

-10T	+0	+10H	Dry Rwy Climb Limit
4210^13	4420D23	4475D26	4652
4250^13	4466D23	4522D27	4711
4330^14	4556^24	4615D27	4830
4385^14	4615^24	4677D28	4893
4415^15	4649^25	4711D29	4946
4433^15	4667^26	4729D29	4959
4444^16	4678D26	4738D29	4961
4454^16	4687D26	4746D30	4962
4464^16	4695D27	4754D30	4964
4474^17	4704D27	4762D30	4966
4484^17	4712D27	4771D31	4968
4495^17	4721D28	4779D31	4970
4506^18	4730D28	4788D32	4971
4516^18	4738D29	4796D32	4973
4527^19	4746D29	4805D32	4975
4586^21	4791D32	4849D35	4972

High QNH **+60** per .10" — Engine A/I ON **-590**
Low QNH **-160** per .10" — Wing A/I ON **-590**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2 — Flaps **9**

OAT °C	N1%	-10T	+0	+10H	+20H
49	90.8	4260^25-25-35	4420^28-28-37	4475^29-29-38	4530^30-30-39
48	90.8	4304^25-25-36	4466^28-28-38	4522^29-29-39	4578^30-30-40
46	90.9	4391^27-27-37	4557^30-30-39	4615^31-31-40	4674^32-32-41
44	90.8	4450^27-27-38	4618^30-30-40	4677^31-31-41	4736^32-32-42
42	90.6	4483^28-28-38	4652^31-31-41	4711^32-32-42	4770^33-33-42
40	90.3	4500^28-28-39	4669^31-31-41	4729^32-32-42	4787^33-33-43
38	90.0	4509^28-28-39	4678^31-31-41	4738^32-32-42	4796^33-33-43
36	89.7	4516^29-29-39	4687^32-32-41	4746^33-33-42	4805^34-34-43
34	89.5	4525^29-29-39	4695^32-32-41	4754^33-33-42	4813^34-34-43
32	89.2	4533^29-29-39	4704^32-32-41	4762^33-33-42	4821^34-34-43
30	88.9	4541^29-29-39	4712^32-32-42	4771^33-33-42	4830^34-34-43
28	88.6	4549^29-29-39	4721^32-32-42	4779^33-33-43	4838^34-34-43
26	88.3	4557^29-29-39	4730^32-32-42	4788^33-33-43	4847^34-34-44
24	88.0	4566^29-29-39	4738^32-32-42	4796^33-33-43	4855^34-34-44
22	87.7	4574^30-30-40	4746^33-33-42	4805^34-34-43	4864^35-35-44
10	85.9	4619^30-30-40	4791^33-33-43	4849^34-34-44	4909^35-35-44

High QNH **+60** per .10" — Engine A/I ON **-590**
Low QNH **-160** per .10" — Wing A/I ON **-590**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	90	Length	7874	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.28
Rwy Rev.		Program						Rules	FAA		**21 Sep 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
48	4304^25	4466^28	4522^29
46	4391^27	4557^30	4615^31
44	4450^27	4618^30	4677^31
42	4483^28	4652^31	4711^32
40	4500^28	4669^31	4729^32
38	4509^28	4678^31	4738^32
36	4516^29	4687^32	4746^33
34	4525^29	4695^32	4754^33
32	4533^29	4704^32	4762^33
30	4541^29	4712^32	4771^33
28	4549^29	4721^32	4779^33
26	4557^29	4730^32	4788^33
24	4566^29	4738^32	4796^33
10	4619^30	4791^33	4849^34

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

Engine A/I ON **-590**
Wing A/I ON **-590**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4296^25	4458^28	4514^29
46	4384^26	4550^29	4607^31
44	4442^27	4610^30	4669^31
42	4475^28	4645^31	4704^32
40	4492^28	4662^31	4721^32
38	4501^28	4671^31	4731^32
36	4509^28	4679^31	4739^32
34	4518^29	4688^32	4747^33
32	4526^29	4697^32	4756^33
30	4533^29	4706^32	4764^33
28	4542^29	4714^32	4772^33
26	4550^29	4723^32	4781^33
24	4559^29	4731^32	4790^33
10	4563^30	4731^33	4788^34

High QNH **+60** 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
48	4250^13	4466D23	4522D27
46	4330^14	4556^24	4615D27
44	4385^14	4615^24	4677D28
42	4415^15	4649^25	4711D29
40	4433^15	4667^26	4729D29
38	4444^16	4678D26	4738D29
36	4454^16	4687D26	4746D30
34	4464^16	4695D27	4754D30
32	4474^17	4704D27	4762D30
30	4484^17	4712D27	4771D31
28	4495^17	4721D28	4779D31
26	4506^18	4730D28	4788D32
24	4516^18	4738D29	4796D32
10	4586^21	4791D32	4849D35

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

Engine A/I ON **-590**
Wing A/I ON **-590**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
48	4244^13	4458D23	4514D26
46	4324^14	4548^24	4607D27
44	4378^14	4607^24	4669D28
42	4409^15	4642^25	4704D28
40	4427^15	4660^25	4721D29
38	4437^16	4671D26	4731D29
36	4448^16	4679D26	4739D30
34	4458^16	4688D27	4747D30
32	4468^17	4697D27	4756D30
30	4478^17	4706D27	4764D31
28	4489^17	4714D28	4772D31
26	4500^18	4723D28	4781D31
24	4510^18	4731D29	4790D32
10	4537^21	4731D32	4788D35

High QNH **+60** 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 **9**

OAT °C	-10T	+0	+10H
28		4211F 4	4304F 7
26		4223F 4	4317F 8
24		4235F 5	4330F 8
22		4247F 5	4342F 9
20	2707F 0	4259F 6	4355F 9
15	3316F99	4287F 6	4386F10
10	3772F98	4318F 8	4417^11
5	4069F98	4352F 8	4448^12
0	4099^99	4387F10	4479^13
-5	4127^ 1	4422F11	4511^14
-10	4155^ 2	4455F12	4541^15
-15	4186^ 3	4482^13	4570^16
-20	4220^ 4	4512^14	4602^18
-25	4253^ 5	4543^15	4635^19

High QNH **+70** per .10"
Low QNH **-60** per .10"

Engine A/I ON **-520**
Wing A/I ON **-520**

LEVEL 2 CONTAM

Flaps **22**

OAT °C	-10T	+0	+10H
28	3398F 0	3907F 8	4043F11
26	3419F 0	3923F 8	4057F11
24	3439F 1	3940F 9	4071F11
22	3459F 1	3956F 9	4089F12
20	3481F 1	3973F 9	4106F12
15	3536F 2	4007F10	4154F13
10	3582F 2	4044F11	4207F14
5	3621F 3	4085F12	4256F14
0	3659F 4	4134F12	4287^15
-5	3702F 5	4184F13	4287^15
-10	3747F 5	4234^14	4284^15
-15	3803F 6	4235^14	4281^15
-20	3861F 7	4232^14	4278^15
-25	3906F 8	4228^14	4275^15

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

Engine A/I ON **-690**
Wing A/I ON **-690**

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	90	Length	7874	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.28
Rwy Rev.		Program						Rules	FAA		**21 Sep 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1090'		LT H090	1090'	

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
49	87.6	4094^22	4239^24	4282^25	4072^12	4239D22	4282D26	4652
48	87.6	4134^22	4283^25	4327^26	4109^13	4283D23	4327D26	4711
46	87.7	4215^23	4370^26	4417^27	4185^13	4370D23	4417D26	4830
44	87.6	4264^24	4422^27	4469^28	4232^13	4422D23	4469D27	4893
42	87.4	4282^24	4441^27	4488^28	4251^14	4441D24	4488D27	4946
40	87.2	4299^25	4458^27	4505^28	4267^14	4458D24	4505D27	4959
38	86.9	4307^25	4465^28	4512^28	4277^15	4465D25	4512D28	4961
36	86.6	4315^25	4473^28	4521^29	4287^15	4473D25	4521D28	4962
34	86.4	4323^25	4481^28	4528^29	4297^15	4481D25	4528D29	4964
32	86.1	4331^25	4489^28	4536^29	4307^16	4489D26	4536D29	4966
30	85.8	4340^25	4497^28	4544^29	4317^16	4497D26	4544D29	4968
28	85.5	4349^25	4505^28	4552^29	4328^16	4505D26	4552D30	4970
26	85.2	4357^26	4514^28	4560^29	4338^17	4514D27	4560D30	4971
24	85.0	4366^26	4522^29	4567^29	4349^17	4522D27	4567D30	4973
22	84.7	4375^26	4530^29	4575^30	4359^17	4530D28	4575D31	4975
10	82.9	4423^27	4573^29	4622^30	4418^20	4573D30	4622D32	4972

High QNH **+60** per .10" — Engine A/I ON **-560**
Low QNH **-150** per .10" — Wing A/I ON **-560**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4152^23	4286^25	4327^26	4124^14	4286D24	4327D27	4652
48	90.8	4195^23	4331^26	4370^27	4163^14	4331D24	4370D27	4711
46	90.9	4279^25	4421^27	4462^28	4241^15	4421D25	4462D28	4830
44	90.8	4337^25	4480^28	4522^29	4294^15	4480D25	4522D29	4893
42	90.6	4369^26	4511^28	4551^29	4325^16	4511D26	4551D29	4946
40	90.3	4385^26	4527^29	4568^29	4343^16	4527D26	4568D30	4959
38	90.0	4394^26	4535^29	4577^30	4353^17	4535D27	4577D30	4961
36	89.7	4401^26	4542^29	4585^30	4363^17	4542D27	4585D30	4962
34	89.5	4409^27	4550^29	4595^30	4374^17	4550D28	4595D31	4964
32	89.2	4417^27	4557^29	4604^30	4384^18	4557D28	4604D31	4966
30	88.9	4425^27	4564^29	4613^30	4394^18	4564D28	4613D32	4968
28	88.6	4434^27	4572^29	4622^30	4405^18	4572D29	4622D32	4970
26	88.3	4442^27	4579^30	4632^31	4415^19	4579D29	4632D32	4971
24	88.0	4451^27	4587^30	4641^31	4426^19	4587D29	4641D32	4973
22	87.7	4458^27	4595^30	4651^31	4436^19	4595D30	4651D32	4975
10	85.9	4503^28	4646^31	4702^32	4496^22	4646D32	4702D33	4972

High QNH **+50** per .10" — Engine A/I ON **-530**
Low QNH **-160** per .10" — Wing A/I ON **-530**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4152^23-23-33	4286^25-25-35	4327^26-26-36	4380^27-27-37
48	90.8	4195^23-23-34	4331^26-26-36	4370^27-27-37	4425^28-28-37
46	90.9	4279^25-25-35	4421^27-27-37	4462^28-28-38	4513^29-29-39
44	90.8	4337^25-25-36	4480^28-28-38	4522^29-29-39	4573^30-30-40
42	90.6	4369^26-26-37	4511^28-28-39	4551^29-29-39	4606^30-30-40
40	90.3	4385^26-26-37	4527^29-29-39	4568^29-29-40	4624^30-30-40
38	90.0	4394^26-26-37	4535^29-29-39	4577^30-30-40	4634^31-31-40
36	89.7	4401^26-26-37	4542^29-29-39	4585^30-30-40	4642^31-31-41
34	89.5	4409^27-27-37	4550^29-29-39	4595^30-30-40	4651^31-31-41
32	89.2	4417^27-27-37	4557^29-29-39	4604^30-30-40	4661^31-31-41
30	88.9	4425^27-27-37	4564^29-29-39	4613^30-30-40	4671^31-31-41
28	88.6	4434^27-27-38	4572^29-29-40	4622^30-30-40	4680^31-31-41
26	88.3	4442^27-27-38	4579^30-30-40	4632^31-31-40	4689^32-32-41
24	88.0	4451^27-27-38	4587^30-30-40	4641^31-31-41	4699^32-32-41
22	87.7	4458^27-27-38	4595^30-30-40	4651^31-31-41	4708^32-32-42
10	85.9	4503^28-28-39	4646^31-31-41	4702^32-32-41	4760^33-33-42

High QNH **+50** per .10" — Engine A/I ON **-530**
Low QNH **-160** per .10" — Wing A/I ON **-530**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	90	Length	7874	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.28
Rwy Rev.		Program						Rules	FAA		**21 Sep 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4195^23	4331^26	4370^27
46	4279^25	4421^27	4462^28
44	4337^25	4480^28	4522^29
42	4369^26	4511^28	4551^29
40	4385^26	4527^29	4568^29
38	4394^26	4535^29	4577^30
36	4401^26	4542^29	4585^30
34	4409^27	4550^29	4595^30
32	4417^27	4557^29	4604^30
30	4425^27	4564^29	4613^30
28	4434^27	4572^29	4622^30
26	4442^27	4579^30	4632^31
24	4451^27	4587^30	4641^31
10	4503^28	4646^31	4702^32

High QNH **+50** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-530**
Wing A/I ON **-530**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4187^23	4324^26	4363^27
4272^24	4414^27	4455^28
4328^25	4473^28	4515^29
4360^26	4503^28	4544^29
4377^26	4521^29	4561^29
4386^26	4529^29	4569^29
4394^26	4536^29	4578^30
4402^26	4544^29	4588^30
4411^27	4550^29	4597^30
4419^27	4558^29	4607^30
4427^27	4566^29	4616^30
4435^27	4573^30	4625^30
4444^27	4581^30	4634^31
4450^28	4591^30	4646^31

High QNH **+50** 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	4163^14	4331D24	4370D27
46	4241^15	4421D25	4462D28
44	4294^15	4480D25	4522D29
42	4325^16	4511D26	4551D29
40	4343^16	4527D26	4568D30
38	4353^17	4535D27	4577D30
36	4363^17	4542D27	4585D30
34	4374^17	4550D28	4595D31
32	4384^18	4557D28	4604D31
30	4394^18	4564D28	4613D32
28	4405^18	4572D29	4622D32
26	4415^19	4579D29	4632D32
24	4426^19	4587D29	4641D32
10	4496^22	4646D32	4702D33

High QNH **+50** per .10"
Low QNH **-160** per .10"

Engine A/I ON **-530**
Wing A/I ON **-530**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4157^14	4324D24	4363D27
4234^14	4414D25	4455D28
4288^15	4473D25	4515D28
4318^16	4503D26	4544D29
4336^16	4521D26	4561D30
4347^16	4529D27	4569D30
4357^17	4536D27	4578D30
4368^17	4544D27	4588D31
4377^17	4550D28	4597D31
4388^18	4558D28	4607D31
4399^18	4566D29	4616D32
4409^19	4573D29	4625D32
4420^19	4581D29	4634D32
4448^22	4591D31	4646D32

High QNH **+50** 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	3178F98	4149^ 6	4229^ 9
26	3341F98	4159^ 6	4240^10
24	3472F98	4170^ 7	4252^10
22	3626F98	4181^ 7	4263^10
20	3762F98	4192^ 7	4275^11
15	3971F98	4218^ 8	4302^12
10	3997F99	4245^ 9	4329^13
5	4025F98	4276^10	4360^14
0	4056F 1	4306^11	4392^15
-5	4084F 2	4336^12	4423^16
-10	4113F 3	4365^14	4452^17
-15	4138^ 4	4394^15	4481^18
-20	4166^ 5	4425^16	4514^19
-25	4194^ 6	4456^17	4545^21

High QNH **+70** per .10"
Low QNH **-60** per .10"

Engine A/I ON **-490**
Wing A/I ON **-490**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
3338F 2	3880F 9	4059F11
3357F 2	3903F 9	4078F12
3374F 2	3923F10	4096F12
3392F 3	3942F10	4116F12
3409F 3	3963F10	4134F13
3459F 3	4012F11	4181F13
3518F 4	4063F12	4233F14
3578F 5	4112F12	4277F15
3609F 5	4163F13	4282^15
3648F 6	4212F14	4282^15
3691F 7	4235^14	4280^15
3741F 8	4231^14	4277^15
3793F 8	4228^14	4274^15
3872F 9	4224^14	4271^15

High QNH **+0** per .10"
Low QNH **-100** per .10"

Engine A/I ON **-720**
Wing A/I ON **-720**

LEVEL 3 CONTAM

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	+0.28
Rwy Rev.		Program						Rules	FAA		**21 Sep 22**

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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**

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
49	87.6	3960^19	4102^22	4155^23	3936^ 8	4102D19	4155D22	4660
48	87.6	4000^20	4142^22	4196^23	3973^ 9	4142D19	4196D22	4719
46	87.7	4079^21	4223^23	4278^24	4048^ 9	4223D19	4278D23	4839
44	87.6	4126^21	4271^24	4326^25	4093^ 9	4271D20	4326D23	4898
42	87.4	4141^22	4288^24	4343^25	4109^10	4288D20	4343D23	4946
40	87.1	4155^22	4302^25	4359^26	4124^10	4302D20	4359D24	4959
38	86.9	4162^22	4310^25	4367^26	4133^10	4310D21	4367D24	4961
36	86.6	4170^22	4319^25	4375^26	4141^11	4319D21	4375D24	4962
34	86.3	4178^22	4327^25	4383^26	4151^11	4327D21	4383D25	4964
32	86.0	4185^22	4336^25	4393^26	4160^11	4336D22	4393D25	4966
30	85.7	4193^23	4345^25	4401^26	4169^12	4345D22	4401D25	4968
28	85.5	4201^23	4354^26	4410^27	4178^12	4354D23	4410D26	4970
26	85.2	4209^23	4362^26	4419^27	4188^12	4362D23	4419D26	4971
24	84.9	4217^23	4371^26	4429^27	4197^13	4371D23	4429D27	4973
22	84.6	4224^23	4380^26	4437^27	4207^13	4380D24	4437D27	4975
10	82.8	4268^24	4428^27	4487^28	4260^15	4428D26	4487D29	4972

High QNH **+60** per .10" Engine A/I ON **-490**
Low QNH **-150** per .10" Wing A/I ON **-490**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4009^20	4153^23	4205^24	3980^10	4153D20	4205D23	4660
48	90.8	4050^21	4195^23	4248^24	4018^10	4195D20	4248D24	4719
46	90.9	4133^22	4280^25	4334^26	4095^10	4280D21	4334D24	4839
44	90.8	4187^23	4335^25	4390^26	4146^11	4335D21	4390D25	4898
42	90.5	4214^23	4364^26	4419^27	4171^12	4364D22	4419D25	4946
40	90.3	4227^23	4379^26	4434^27	4186^12	4379D22	4434D26	4959
38	90.0	4234^23	4386^26	4443^27	4195^12	4386D23	4443D26	4961
36	89.7	4241^23	4395^26	4451^27	4204^13	4395D23	4451D27	4962
34	89.4	4249^24	4403^26	4459^27	4213^13	4403D24	4459D27	4964
32	89.1	4256^24	4412^27	4467^28	4223^13	4412D24	4467D27	4966
30	88.9	4264^24	4420^27	4476^28	4233^14	4420D24	4476D28	4968
28	88.5	4272^24	4428^27	4484^28	4242^14	4428D25	4484D28	4970
26	88.2	4280^24	4437^27	4493^28	4252^14	4437D25	4493D28	4971
24	87.9	4289^24	4446^27	4502^28	4261^15	4446D25	4502D29	4973
22	87.6	4296^24	4454^27	4511^28	4271^15	4454D26	4511D29	4975
10	85.9	4340^25	4501^28	4557^29	4328^18	4501D28	4557D31	4972

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4009^20-20-31	4153^23-23-33	4205^24-24-34	4260^25-25-35
48	90.8	4050^21-21-32	4195^23-23-34	4248^24-24-35	4303^25-25-36
46	90.9	4133^22-22-33	4280^25-25-35	4334^26-26-36	4390^27-27-37
44	90.8	4187^23-23-34	4335^25-25-36	4390^26-26-37	4447^27-27-38
42	90.5	4214^23-23-34	4364^26-26-36	4419^27-27-37	4476^28-28-38
40	90.3	4227^23-23-34	4379^26-26-37	4434^27-27-38	4491^28-28-38
38	90.0	4234^23-23-35	4386^26-26-37	4443^27-27-38	4500^28-28-39
36	89.7	4241^23-23-35	4395^26-26-37	4451^27-27-38	4508^28-28-39
34	89.4	4249^24-24-35	4403^26-26-37	4459^27-27-38	4517^29-29-39
32	89.1	4256^24-24-35	4412^27-27-37	4467^28-28-38	4526^29-29-39
30	88.9	4264^24-24-35	4420^27-27-37	4476^28-28-38	4534^29-29-39
28	88.5	4272^24-24-35	4428^27-27-37	4484^28-28-38	4543^29-29-39
26	88.2	4280^24-24-35	4437^27-27-38	4493^28-28-38	4552^29-29-39
24	87.9	4289^24-24-35	4446^27-27-38	4502^28-28-39	4561^29-29-39
22	87.6	4296^24-24-35	4454^27-27-38	4511^28-28-39	4570^29-29-40
10	85.9	4340^25-25-36	4501^28-28-39	4557^29-29-39	4615^30-30-40

High QNH **+60** per .10" Engine A/I ON **-530**
Low QNH **-150** per .10" Wing A/I ON **-530**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	46	Length	7218	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.22
Rwy Rev.		Program						Rules	FAA		**23 Aug 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4050^21	4195^23	4248^24
46	4133^22	4280^25	4334^26
44	4187^23	4335^25	4390^26
42	4214^23	4364^26	4419^27
40	4227^23	4379^26	4434^27
38	4234^23	4386^26	4443^27
36	4241^23	4395^26	4451^27
34	4249^24	4403^26	4459^27
32	4256^24	4412^27	4467^28
30	4264^24	4420^27	4476^28
28	4272^24	4428^27	4484^28
26	4280^24	4437^27	4493^28
24	4289^24	4446^27	4502^28
10	4340^25	4501^28	4557^29

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

Engine A/I ON **-530**
Wing A/I ON **-530**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4043^21	4188^23	4241^24
4126^22	4272^24	4327^25
4180^22	4327^25	4382^26
4207^23	4357^26	4411^27
4221^23	4372^26	4427^27
4228^23	4380^26	4436^27
4235^23	4388^26	4444^27
4242^23	4397^26	4452^27
4250^24	4405^26	4461^28
4258^24	4413^27	4469^28
4265^24	4422^27	4478^28
4274^24	4431^27	4487^28
4282^24	4439^27	4496^28
4290^25	4447^28	4502^29

High QNH **+60** per .10"
Low QNH **-150** 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	4018^10	4195D20	4248D24
46	4095^10	4280D21	4334D24
44	4146^11	4335D21	4390D25
42	4171^12	4364D22	4419D25
40	4186^12	4379D22	4434D26
38	4195^12	4386D23	4443D26
36	4204^13	4395D23	4451D27
34	4213^13	4403D24	4459D27
32	4223^13	4412D24	4467D27
30	4233^14	4420D24	4476D28
28	4242^14	4428D25	4484D28
26	4252^14	4437D25	4493D28
24	4261^15	4446D25	4502D29
10	4328^18	4501D28	4557D31

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

Engine A/I ON **-530**
Wing A/I ON **-530**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4012^10	4188D20	4241D23
4089^10	4272D21	4327D24
4139^11	4327D21	4382D25
4165^11	4357D22	4411D25
4181^12	4372D22	4427D26
4189^12	4380D23	4436D26
4199^12	4388D23	4444D26
4208^13	4397D23	4452D27
4217^13	4405D24	4461D27
4227^14	4413D24	4469D28
4236^14	4422D25	4478D28
4246^14	4431D25	4487D28
4256^15	4439D25	4496D29
4283^18	4447D28	4502D30

High QNH **+60** per .10"
Low QNH **-150** 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 22 -10T	+0	+10H
28	3461F93	4109^ 1	4199^ 4
26	3494F93	4120^ 1	4210^ 4
24	3525F93	4131^ 1	4221^ 5
22	3555F93	4142^ 2	4233^ 5
20	3585F93	4153^ 2	4243^ 5
15	3668F94	4176^ 3	4265^ 6
10	3748F94	4203^ 4	4265^ 8
5	3826F95	4221^ 5	4272^ 9
0	3909F96	4225^ 6	4278^10
-5	3859F97	4228^ 7	4282^11
-10	3948F98	4228^ 8	4283^12
-15	4030F98	4228^ 9	4279D13
-20	4067^99	4229^11	4277D15
-25	4064^ 0	4229D12	4273D15

High QNH **+0** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-710**
Wing A/I ON **-710**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
2983F99	3643F 6	3827^ 8
3000F99	3659F 6	3852F 8
3018F99	3675F 6	3869^ 9
3032F 0	3696F 7	3885F 9
3049F 0	3714F 7	3906F 9
3092F 1	3761F 8	3955F10
3146F 1	3823F 8	4011F11
3206F 2	3877^ 9	4060F11
3272F 3	3928F10	4110F12
3341F 3	3982F10	4162F13
3418F 4		4212F14
3513F 4	4088F12	4266F14
3588F 5	4139F13	4275^15
3479^ 4	4191F13	4272^15

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

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

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

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

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 **23 Aug 22**

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VILLAHERMOSA -VSA 26 *RT H275*

Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1046'		**RT H275**	**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
49	87.6	3986^20	4140^23	4196^24	3960^ 8	4140D18	4196D22	4660
48	87.6	4027^20	4181^23	4237^24	3998^ 8	4181D18	4237D22	4719
46	87.7	4107^21	4263^24	4321^25	4073^ 9	4263D19	4321D22	4839
44	87.6	4154^22	4312^25	4369^26	4118^ 9	4312D19	4369D23	4898
42	87.4	4169^22	4328^25	4386^26	4134^ 9	4328D20	4386D23	4946
40	87.1	4184^22	4343^25	4402^26	4149^10	4343D20	4402D23	4959
38	86.9	4191^23	4352^26	4410^27	4158^10	4352D20	4410D24	4961
36	86.6	4198^23	4360^26	4418^27	4167^10	4360D21	4418D24	4962
34	86.3	4206^23	4369^26	4427^27	4176^11	4369D21	4427D24	4964
32	86.0	4214^23	4377^26	4436^27	4185^11	4377D22	4436D25	4966
30	85.7	4221^23	4386^26	4445^27	4194^11	4386D22	4445D25	4968
28	85.5	4229^23	4395^26	4454^27	4204^12	4395D22	4454D26	4970
26	85.2	4238^23	4404^26	4464^28	4214^12	4404D23	4464D26	4971
24	84.9	4246^24	4412^27	4472^28	4223^12	4412D23	4472D26	4973
22	84.6	4254^24	4421^27	4481^28	4232^13	4421D23	4481D27	4975
10	82.8	4301^25	4471^28	4532^29	4289^15	4471D26	4532D29	4972

High QNH **+60** per .10" — Engine A/I ON **-500**
Low QNH **-150** per .10" — Wing A/I ON **-500**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4039^21	4193^24	4248^25	4003^ 9	4193D20	4248D23	4660
48	90.8	4080^21	4235^24	4291^25	4042^ 9	4235D20	4291D23	4719
46	90.9	4162^22	4321^25	4378^26	4119^10	4321D20	4378D24	4839
44	90.8	4216^23	4376^26	4434^27	4170^10	4376D21	4434D24	4898
42	90.5	4245^24	4406^27	4464^28	4195^11	4406D22	4464D25	4946
40	90.3	4259^24	4421^27	4479^28	4211^11	4421D22	4479D25	4959
38	90.0	4267^24	4430^27	4488^28	4220^12	4430D22	4488D26	4961
36	89.7	4275^24	4438^27	4496^28	4229^12	4438D23	4496D26	4962
34	89.4	4282^24	4446^27	4504^28	4239^12	4446D23	4504D27	4964
32	89.1	4290^24	4455^27	4513^28	4248^13	4455D24	4513D27	4966
30	88.9	4299^25	4463^28	4522^29	4259^13	4463D24	4522D27	4968
28	88.5	4307^25	4472^28	4531^29	4268^14	4472D24	4531D28	4970
26	88.2	4315^25	4480^28	4539^29	4279^14	4480D25	4539D28	4971
24	87.9	4323^25	4490^28	4549^29	4289^14	4490D25	4549D28	4973
22	87.6	4332^25	4499^28	4558^29	4299^15	4499D25	4558D29	4975
10	85.9	4377^26	4546^29	4606^30	4357^17	4546D28	4606D31	4972

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4039^21-21-32	4193^24-24-34	4248^25-25-35	4304^26-26-36
48	90.8	4080^21-21-32	4235^24-24-35	4291^25-25-35	4349^26-26-36
46	90.9	4162^22-22-33	4321^25-25-36	4378^26-26-37	4436^27-27-38
44	90.8	4216^23-23-34	4376^26-26-37	4434^27-27-38	4493^28-28-38
42	90.5	4245^24-24-35	4406^27-27-37	4464^28-28-38	4523^29-29-39
40	90.3	4259^24-24-35	4421^27-27-37	4479^28-28-38	4539^29-29-39
38	90.0	4267^24-24-35	4430^27-27-37	4488^28-28-38	4548^29-29-39
36	89.7	4275^24-24-35	4438^27-27-38	4496^28-28-38	4556^29-29-39
34	89.4	4282^24-24-35	4446^27-27-38	4504^28-28-39	4564^29-29-39
32	89.1	4290^24-24-35	4455^27-27-38	4513^28-28-39	4574^30-30-40
30	88.9	4299^25-25-36	4463^28-28-38	4522^29-29-39	4583^30-30-40
28	88.5	4307^25-25-36	4472^28-28-38	4531^29-29-39	4592^30-30-40
26	88.2	4315^25-25-36	4480^28-28-38	4539^29-29-39	4601^30-30-40
24	87.9	4323^25-25-36	4490^28-28-38	4549^29-29-39	4610^30-30-40
22	87.6	4332^25-25-36	4499^28-28-38	4558^29-29-39	4619^30-30-40
10	85.9	4377^26-26-37	4546^29-29-39	4606^30-30-40	4668^31-31-41

High QNH **+60** per .10" — Engine A/I ON **-530**
Low QNH **-150** per .10" — Wing A/I ON **-530**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	46	Length	7218	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.22
Rwy Rev.		Program						Rules	FAA		**23 Aug 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4080^21	4235^24	4291^25
46	4162^22	4321^25	4378^26
44	4216^23	4376^26	4434^27
42	4245^24	4406^27	4464^28
40	4259^24	4421^27	4479^28
38	4267^24	4430^27	4488^28
36	4275^24	4438^27	4496^28
34	4282^24	4446^27	4504^28
32	4290^24	4455^27	4513^28
30	4299^25	4463^28	4522^29
28	4307^25	4472^28	4531^29
26	4315^25	4480^28	4539^29
24	4323^25	4490^28	4549^29
10	4377^26	4546^29	4606^30

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

Engine A/I ON **-530**
Wing A/I ON **-530**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4073^21	4228^24	4284^25
4155^22	4313^25	4370^26
4208^23	4369^26	4426^27
4237^23	4399^26	4457^27
4251^24	4414^27	4472^28
4260^24	4422^27	4481^28
4267^24	4431^27	4489^28
4276^24	4440^27	4498^28
4284^24	4448^27	4506^28
4292^24	4457^27	4515^28
4301^25	4465^28	4524^29
4308^25	4474^28	4533^29
4317^25	4483^28	4542^29
4326^25	4493^28	4552^29

High QNH **+60** per .10"
Low QNH **-150** 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	4042^ 9	4235D20	4291D23
46	4119^10	4321D20	4378D24
44	4170^10	4376D21	4434D24
42	4195^11	4406D22	4464D25
40	4211^11	4421D22	4479D25
38	4220^12	4430D22	4488D26
36	4229^12	4438D23	4496D26
34	4239^12	4446D23	4504D27
32	4248^13	4455D24	4513D27
30	4259^13	4463D24	4522D27
28	4268^14	4472D24	4531D28
26	4279^14	4480D25	4539D28
24	4289^14	4490D25	4549D28
10	4357^17	4546D28	4606D31

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

Engine A/I ON **-530**
Wing A/I ON **-530**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4036^ 9	4228D20	4284D23
4113^10	4313D20	4370D24
4163^10	4369D21	4426D24
4190^11	4399D22	4457D25
4205^11	4414D22	4472D25
4214^12	4422D22	4481D26
4223^12	4431D23	4489D26
4233^12	4440D23	4498D26
4243^13	4448D23	4506D27
4253^13	4457D24	4515D27
4263^13	4465D24	4524D28
4273^14	4474D25	4533D28
4284^14	4483D25	4542D28
4312^17	4493D28	4552D31

High QNH **+60** per .10"
Low QNH **-150** 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 22 -10T	+0	+10H
28	3281F92	4136^99	4228^ 3
26	3316F92	4146^ 0	4240^ 3
24	3352F92	4158^ 0	4250^ 4
22	3381F92	4169^ 0	4262^ 4
20	3415F92	4179^ 1	4268^ 4
15	3508F93	4203^ 2	4268^ 5
10	3596F94	4218^ 3	4268^ 6
5	3683F94	4223^ 4	4274^ 8
0	3773F95	4228^ 5	4280^ 9
-5	3724F96	4230^ 6	4283^10
-10	3820F97	4230^ 7	4284^11
-15	3901F97	4230^ 8	4284^12
-20	3991F98	4230^10	4283D14
-25	4067^99	4230^11	4280D15

High QNH **+10** per .10"
Low QNH **-50** per .10"

Engine A/I ON **-720**
Wing A/I ON **-720**

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
3024F97	3682F 5	3866^ 7
3043F98	3702F 5	3883^ 8
3062F98	3719F 5	3899^ 8
3078F98	3741F 5	3916^ 8
3096F98	3760F 6	3931^ 8
3143F99	3811^ 6	3971^ 9
3205F 0	3866^ 7	4014^10
3259F 0	3909^ 8	4054^11
3331F 1	3954^ 9	4098^12
3413F 2	3996^ 9	4141F12
3527F 2	4035^10	4190F13
3596F 3	4078^11	4246F14
3633F 4	4121^12	4279^15
3674^ 4	4170F13	4275^15

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

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

LEVEL 3 CONTAM

Flaps -10T	+0	+10H

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

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		**23 Aug 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		8126'		DT H022	8126'	

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
35	89.0	3916^20	3996^22	4022^23	3910^10	3996D20	4022D23	4075
34	89.1	3955^21	4035^23	4061^23	3948^11	4035D20	4061D23	4115
32	89.4	4032^22	4112^24	4139^24	4020F11	4112D21	4139D24	4194
30	89.7	4112^23	4193^25	4220^26	4074F11	4193D21	4220D24	4274
28	89.9	4193^25	4274^26	4302^27	4130F12	4274^21	4302D24	4356
26	90.1	4273^26	4356^27	4383^28	4185F12	4354^22	4383D25	4438
24	90.4	4346F27	4437^29	4465^29	4239F13	4434^22	4465D25	4520
22	90.6	4401F28	4519^30	4547^30	4292F13	4514^22	4546^25	4602
20	90.8	4447F28	4548^30	4576^31	4334F14	4544^23	4576^26	4636
15	90.0	4480F29	4566^30	4595^31	4370F15	4564^24	4595D27	4653
10	89.3	4480^29	4568^30	4597^31	4403F16	4566^25	4597D28	4656
5	88.5	4479^29	4568^30	4598^31	4437F17	4568D26	4598D30	4658
0	87.7	4476^29	4568^30	4598^31	4468^18	4568D28	4598D31	4659
-5	86.9	4468^29	4560^30	4591^31	4461^19	4560D29	4591D31	4652
-10	86.1	4460^29	4554^30	4585^31	4456^20	4554D30	4585D31	4649
-15	85.3	4459^29	4553^30	4585^31	4455^21	4553D30	4585D31	4652

High QNH **+90** per .10" Engine A/I ON **-5320**
Low QNH **-170** per .10" Wing A/I ON **-5320**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
35	92.4	3926^21	4004^22	4030^23	3920^12	4004D22	4030D23	4075
34	92.5	3965^21	4043^23	4070^23	3958^12	4043D22	4070D23	4115
32	92.9	4042^22	4122^24	4148^24	4035^13	4122D22	4148D25	4194
30	93.2	4122^24	4202^25	4229^26	4113^13	4202D23	4229D26	4274
28	93.6	4204^25	4284^26	4311^27	4193^13	4284D23	4311D26	4356
26	94.0	4285^26	4366^28	4393^28	4252F14	4366^23	4393D27	4438
24	94.2	4366^27	4448^29	4476^29	4310F14	4447^24	4476D27	4520
22	94.2	4447^29	4531^30	4559^31	4369F15	4528^24	4559D28	4602
20	94.2	4476^29	4561^30	4589^31	4417F16	4559^25	4589D28	4636
15	93.5	4497^29	4583^31	4610^31	4471F17	4582^27	4610D30	4653
10	92.7	4497^29	4583^31	4612^31	4486^18	4583D28	4612D31	4656
5	91.8	4496^29	4583^31	4613^31	4487^19	4583D29	4613D31	4658
0	91.0	4494^29	4583^31	4612^31	4486^20	4583D30	4612D31	4659
-5	90.2	4484^29	4575^31	4605^31	4479^21	4575D31	4605D31	4652
-10	89.3	4476^29	4568^30	4599^31	4474^23	4568D31	4599D31	4649
-15	88.5	4474^29	4568^30	4599^31	4474^24	4568D31	4599D31	4652

High QNH **+90** per .10" Engine A/I ON **-5360**
Low QNH **-170** per .10" Wing A/I ON **-5360**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
35	92.4	3973F27-27-36	4121^30-30-38	4134C30-30-38	4134C30-30-38
34	92.5	4001F27-27-36	4161^31-31-39	4174C31-31-39	4174C31-31-39
32	92.9	4060F28-28-37	4241^32-32-40	4253C32-32-40	4253C32-32-40
30	93.2	4122^24-24-33	4324^33-33-41	4332C33-33-42	4332C33-33-42
28	93.6	4204^25-25-34	4390F34-34-42	4414C34-34-43	4414C34-34-43
26	94.0	4285^26-26-35	4450F35-35-43	4497C36-36-44	4497C36-36-44
24	94.2	4366^27-27-37	4512F36-36-44	4579C37-37-45	4579C37-37-45
22	94.2	4447^29-29-38	4579F37-37-45	4656F38-38-47	4661C38-38-47
20	94.2	4476^29-29-38	4634F37-37-46	4707C39-39-47	4707C39-39-47
15	93.5	4497^29-29-39	4698F38-38-47	4716C39-39-48	4716C39-39-48
10	92.7	4500F35-35-44	4717^39-39-48	4720C39-39-48	4720C39-39-48
5	91.8	4530F35-35-45	4718^39-39-48	4723C39-39-48	4723C39-39-48
0	91.0	4561F36-36-45	4718^39-39-48	4726C39-39-48	4726C39-39-48
-5	90.2	4587F37-37-46	4711^39-39-47	4715C39-39-48	4715C39-39-48
-10	89.3	4615^37-37-46	4703^39-39-47	4715C39-39-48	4715C39-39-48
-15	88.5	4614^37-37-46	4703^39-39-47	4719C39-39-48	4719C39-39-48

High QNH **+100** per .10" Engine A/I ON **-5480**
Low QNH **-170** per .10" Wing A/I ON **-5480**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation 7126 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope -0.07
Rwy Rev. Program Rules FAA **11 Nov 22**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
35	3926^21	4004^22	4030^23
34	3965^21	4043^23	4070^23
32	4042^22	4122^24	4148^24
30	4122^24	4202^25	4229^26
28	4204^25	4284^26	4311^27
26	4285^26	4366^28	4393^28
24	4366^27	4448^29	4476^29
22	4447^29	4531^30	4559^31
20	4476^29	4561^30	4589^31
15	4497^29	4583^31	4610^31
10	4497^29	4583^31	4612^31
5	4496^29	4583^31	4613^31
0	4494^29	4583^31	4612^31
-5	4484^29	4575^31	4605^31

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

Engine A/I ON **-5360**
Wing A/I ON **-5360**

DRY - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
35	3921^21	3999^22	4025^23
34	3960^21	4038^23	4065^23
32	4037^22	4117^24	4143^24
30	4118^24	4198^25	4225^26
28	4199^25	4280^26	4307^27
26	4280^26	4362^28	4389^28
24	4362^27	4445^29	4473^29
22	4444^28	4528^30	4556^30
20	4474^29	4558^30	4586^31
15	4494^29	4580^31	4607^31
10	3962^21	4046^23	4073^23
5	4203^25	4287^26	4317^27
0	4409^28	4497^29	4526^30
-5	4408^28	4499^29	4528^30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-180**
Wing A/I ON **-180**

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
35	3920^12	4004D22	4030D23
34	3958^12	4043D22	4070D23
32	4035^13	4122D22	4148D25
30	4113^13	4202D23	4229D26
28	4193^13	4284D23	4311D26
26	4252F14	4366^23	4393D27
24	4310F14	4447^24	4476D27
22	4369F15	4528^24	4559D28
20	4417F16	4559^25	4589D28
15	4471F17	4582^27	4610D30
10	4486^18	4583D28	4612D31
5	4487^19	4583D29	4613D31
0	4486^20	4583D30	4612D31
-5	4479^21	4575D31	4605D31

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

Engine A/I ON **-5360**
Wing A/I ON **-5360**

WET - EAI VLV INOP OPEN

OAT °C	Flaps 9 -10T	+0	+10H
35	3915^12	3999D22	4025D23
34	3953^12	4038D22	4065D23
32	4030^12	4117D22	4143D24
30	4109^13	4198D23	4225D26
28	4186F13	4280D23	4307D26
26	4243F14	4362^23	4389D26
24	4302F14	4443^24	4473D27
22	4362F15	4525^24	4556D27
20	4409F15	4556^25	4586D28
15	4464F17	4579^27	4607D30
10	3962D21	4046D23	4073D23
5	4202^20	4287D26	4317D27
0	4404^20	4497D30	4526D30
-5	4406^22	4499D30	4528D30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-180**
Wing A/I ON **-180**

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	3669F93	3879F 2	3953F 5
26	3726F94	3938F 2	4013F 5
24	3784F94	3998F 3	4074F 6
22	3840F95	4057F 3	4135F 6
20	3881F95	4102F 4	4180F 7
15	3921F96	4148F 5	4227F 8
10	3947F97	4178F 6	4258F 9
5	3975F98	4208F 7	4291F10
0	4004F99	4239F 8	4323F11
-5	4026F 0	4267F 9	4351F12
-10	4053F 1	4298F10	4383F13
-15	4085F 2	4332F11	4419F14
-20	4112F 2	4365F12	4450F15
-25	4143F 4	4399F13	4484F16

High QNH **+110** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-2510**
Wing A/I ON **-2510**

LEVEL 2 CONTAM

OAT °C	Flaps 9 -10T	+0	+10H
28	3379F98	3558F 6	3620F 9
26	3437F99	3621F 7	3683F 9
24	3497F99	3683F 7	3747F10
22	3556F99	3749F 8	3813F10
20	3602F 0	3800F 8	3864F11
15	3649F 1	3852F 9	3918F12
10	3675F 2	3877F10	3945F13
5	3700F 3	3903F11	3972F14
0	3726F 3	3930F12	4001F15
-5	3746F 4	3951F13	4024F16
-10	3769F 5	3977F14	4050F17
-15	3799F 6	4005F15	4083F18
-20	3823F 7	4034F16	4112F19
-25	3847F 8	4061F17	4143F20

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

Engine A/I ON **-2340**
Wing A/I ON **-2340**

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 7126 Length 9843 Shift **0** Clearway 0 Stopway 0 Slope -0.07
Rwy Rev. Program Rules FAA **11 Nov 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		D3.0 ZCL	*7600'	LT H180	8126'	

*USE ONLY IF ZCL VOR 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
35	89.0	3915^20	3995^22	4020^22	3908^10	3995D20	4020D23	4075
34	89.1	3953^21	4034^23	4060^23	3946^11	4034D20	4060D23	4115
32	89.4	4030^22	4111^24	4138^24	4006F11	4111D21	4138D24	4194
30	89.7	4111^23	4191^25	4219^25	4060F12	4191D21	4219D24	4274
28	89.9	4191^25	4273^26	4300^27	4116F12	4272^21	4300D24	4356
26	90.1	4270F26	4355^27	4382^28	4171F13	4352^22	4382D25	4438
24	90.4	4327F27	4436^29	4463^29	4225F13	4432^22	4463D25	4520
22	90.6	4381F27	4517^30	4545^30	4278F14	4513^22	4544^25	4602
20	90.8	4427F28	4546^30	4574^31	4320F14	4542^23	4574^26	4636
15	90.0	4460F29	4565^30	4594^31	4355F15	4562^24	4594D27	4653
10	89.3	4478^29	4566^30	4595^31	4388F16	4564^25	4595D28	4656
5	88.5	4477^29	4566^30	4596^31	4421F17	4567^26	4596D30	4658
0	87.7	4475^29	4566^30	4596^31	4455F18	4566D28	4596D31	4659
-5	86.9	4466^29	4559^30	4590^31	4459^19	4559D29	4590D31	4652
-10	86.1	4458^29	4552^30	4583^31	4453^20	4552D30	4583D31	4649
-15	85.3	4457^28	4552^30	4583^31	4453^21	4552D30	4583D31	4652

High QNH **+90** per .10" Engine A/I ON **-5310**
Low QNH **-170** per .10" Wing A/I ON **-5310**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
35	92.4	3924^21	4003^22	4029^23	3918^12	4003D22	4029D23	4075
34	92.5	3963^21	4042^23	4068^23	3956^12	4042D22	4068D23	4115
32	92.9	4041^22	4120^24	4147^24	4033^13	4120D22	4147D25	4194
30	93.2	4121^24	4201^25	4228^26	4111^13	4201D23	4228D26	4274
28	93.6	4202^25	4283^26	4310^27	4181F13	4283D23	4310D26	4356
26	94.0	4283^26	4365^28	4392^28	4238F14	4364^23	4392D27	4438
24	94.2	4364^27	4447^29	4475^29	4296F14	4445^24	4475D27	4520
22	94.2	4445^28	4529^30	4557^30	4355F15	4526^24	4557D28	4602
20	94.2	4475^29	4559^30	4587^31	4402F16	4557^25	4587D28	4636
15	93.5	4495^29	4581^31	4609^31	4456F17	4581^27	4609D30	4653
10	92.7	4495^29	4581^31	4610^31	4484^18	4581D28	4610D31	4656
5	91.8	4494^29	4582^31	4611^31	4485^19	4582D29	4611D31	4658
0	91.0	4492^29	4581^31	4611^31	4484^20	4581D30	4611D31	4659
-5	90.2	4482^29	4573^31	4604^31	4477^21	4573D31	4604D31	4652
-10	89.3	4475^29	4567^30	4598^31	4472^23	4567D31	4598D31	4649
-15	88.5	4473^29	4567^30	4598^31	4472^24	4567D31	4598D31	4652

High QNH **+90** per .10" Engine A/I ON **-5350**
Low QNH **-170** per .10" Wing A/I ON **-5350**

A/C **AUTO**

OAT °C	N1%	TO-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
35	92.4	3955F27-27-36	4119^30-30-38	4134C30-30-38	4134C30-30-38
34	92.5	3985F27-27-36	4159^31-31-39	4174C31-31-39	4174C31-31-39
32	92.9	4042F28-28-37	4240^32-32-40	4253C32-32-40	4253C32-32-40
30	93.2	4121^24-24-33	4311F33-33-41	4332C33-33-42	4332C33-33-42
28	93.6	4202^25-25-34	4371F34-34-42	4414C34-34-43	4414C34-34-43
26	94.0	4283^26-26-35	4431F34-34-43	4497C36-36-44	4497C36-36-44
24	94.2	4364^27-27-37	4492F35-35-44	4568F37-37-45	4579C37-37-45
22	94.2	4445^28-28-38	4559F36-36-45	4636F38-38-46	4661C38-38-47
20	94.2	4475^29-29-38	4614F37-37-46	4691F38-38-47	4707C39-39-47
15	93.5	4495^29-29-39	4677F38-38-47	4716C39-39-48	4716C39-39-48
10	92.7	4495^29-29-39	4710F39-39-47	4720C39-39-48	4720C39-39-48
5	91.8	4510F35-35-44	4717^39-39-48	4723C39-39-48	4723C39-39-48
0	91.0	4541F36-36-45	4716^39-39-48	4726C39-39-48	4726C39-39-48
-5	90.2	4567F36-36-45	4709^39-39-47	4715C39-39-48	4715C39-39-48
-10	89.3	4597F37-37-46	4702^39-39-47	4715C39-39-48	4715C39-39-48
-15	88.5	4612^37-37-46	4701^39-39-47	4719C39-39-48	4719C39-39-48

High QNH **+100** per .10" Engine A/I ON **-5420**
Low QNH **-170** per .10" Wing A/I ON **-5420**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	7126	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.07
Rwy Rev.		Program						Rules	FAA		**11 Nov 22**

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ZACATECAS -ZCL 20 *SPECIAL*

A/C **AUTO**

DRY - 1 FLP CHNL INOP

Flaps **9**

OAT °C	-10T	+0	+10H
35	3924^21	4003^22	4029^23
34	3963^21	4042^23	4068^23
32	4041^22	4120^24	4147^24
30	4121^24	4201^25	4228^26
28	4202^25	4283^26	4310^27
26	4283^26	4365^28	4392^28
24	4364^27	4447^29	4475^29
22	4445^28	4529^30	4557^30
20	4475^29	4559^30	4587^31
15	4495^29	4581^31	4609^31
10	4495^29	4581^31	4610^31
5	4494^29	4582^31	4611^31
0	4492^29	4581^31	4611^31
-5	4482^29	4573^31	4604^31

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

Engine A/I ON **-5350**
Wing A/I ON **-5350**

DRY - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
35	3919^21	3998^22	4024^23
34	3958^21	4037^23	4063^23
32	4036^22	4115^24	4142^24
30	4116^24	4196^25	4223^26
28	4198^25	4278^26	4306^27
26	4279^26	4361^28	4388^28
24	4360^27	4443^29	4471^29
22	4442^28	4526^30	4555^30
20	4473^29	4557^30	4585^31
15	4492^29	4578^31	4607^31
10	3961^21	4045^23	4072^23
5	4201^25	4286^26	4315^27
0	4407^28	4495^29	4525^30
-5	4408^28	4497^29	4527^30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-180**
Wing A/I ON **-180**

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
35	3918^12	4003D22	4029D23
34	3956^12	4042D22	4068D23
32	4033^13	4120D22	4147D25
30	4111^13	4201D23	4228D26
28	4181F13	4283D23	4310D26
26	4238F14	4364^23	4392D27
24	4296F14	4445^24	4475D27
22	4355F15	4526^24	4557D28
20	4402F16	4557^25	4587D28
15	4456F17	4581^27	4609D30
10	4484^18	4581D28	4610D31
5	4485^19	4582D29	4611D31
0	4484^20	4581D30	4611D31
-5	4477^21	4573D31	4604D31

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

Engine A/I ON **-5350**
Wing A/I ON **-5350**

WET - EAI VLV INOP OPEN

Flaps **9**

OAT °C	-10T	+0	+10H
35	3913^12	3998D22	4024D23
34	3952^12	4037D22	4063D23
32	4028^12	4115D22	4142D24
30	4107^13	4196D23	4223D26
28	4172F13	4278D23	4306D26
26	4229F14	4361D23	4388D26
24	4287F14	4442^24	4471D27
22	4347F15	4524^24	4555D27
20	4394F16	4554^25	4585D28
15	4449F17	4577^27	4607D30
10	3961D21	4045D23	4072D23
5	4201^21	4286D26	4315D27
0	4402^20	4495D30	4525D30
-5	4404^22	4497D30	4527D30

High QNH **+100** per .10"
Low QNH **-250** per .10"

Engine A/I ON **-180**
Wing A/I ON **-180**

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	3659F94	3868F 3	3941F 5
26	3714F94	3927F 3	4001F 6
24	3771F95	3986F 3	4062F 6
22	3828F95	4046F 4	4123F 7
20	3870F95	4090F 4	4167F 7
15	3909F96	4136F 5	4215F 8
10	3936F97	4166F 6	4248F 9
5	3963F98	4198F 7	4279F10
0	3991F99	4227F 8	4311F11
-5	4013F 0	4253F 9	4338F12
-10	4042F 1	4285F10	4371F13
-15	4073F 2	4320F11	4406F14
-20	4100F 3	4352F12	4439F15
-25	4131F 4	4386F13	4471F17

High QNH **+110** per .10"
Low QNH **-150** per .10"

Engine A/I ON **-2490**
Wing A/I ON **-2490**

LEVEL 2 CONTAM

Flaps **9**

OAT °C	-10T	+0	+10H
28	3372F98	3551F 7	3611F 9
26	3430F99	3613F 7	3674F10
24	3489F99	3674F 7	3738F10
22	3549F 0	3741F 8	3803F11
20	3594F 0	3791F 8	3855F11
15	3642F 1	3843F10	3908F13
10	3667F 2	3868F11	3936F13
5	3692F 3	3894F12	3963F14
0	3717F 4	3920F12	3991F15
-5	3739F 5	3942F13	4014F16
-10	3764F 6	3969F14	4044F17
-15	3792F 6	3999F15	4074F18
-20	3813F 7	4024F16	4104F19
-25	3838F 8	4053F17	4135F20

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

Engine A/I ON **-2300**
Wing A/I ON **-2300**

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	7126	Length	9843	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.07
Rwy Rev.		Program						Rules	FAA		**11 Nov 22**

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Engine Failure Procedure

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		200'		RT H145	1026'	

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
49	87.6	4141^23	4293^25	4345^26	4131^15	4293D25	4345D27	4664
48	87.6	4184^23	4338^26	4391^27	4171^15	4338D25	4391D28	4723
46	87.7	4269^24	4427^27	4482^28	4252^15	4427D25	4482D28	4842
44	87.6	4317^25	4477^28	4533^29	4298^16	4477D26	4533D29	4900
42	87.4	4333^25	4494^28	4550^29	4314^16	4494D26	4550D29	4947
40	87.1	4347^25	4509^28	4565^29	4329^16	4509D26	4565D30	4959
38	86.8	4354^26	4516^28	4572^30	4338^17	4516D27	4572D30	4961
36	86.6	4361^26	4523^29	4580^30	4348^17	4523D27	4580D30	4962
34	86.3	4369^26	4531^29	4587^30	4357^17	4531D27	4587D31	4964
32	86.0	4376^26	4539^29	4595^30	4366^18	4539D28	4595D31	4966
30	85.7	4384^26	4546^29	4603^30	4375^18	4546D28	4603D31	4968
28	85.4	4391^26	4555^29	4611^30	4385^19	4555D29	4611D31	4970
26	85.2	4399^26	4563^29	4619^30	4394^19	4563D29	4619D31	4971
24	84.9	4407^26	4571^29	4627^30	4404^19	4571D29	4627D32	4973
22	84.6	4415^27	4579^30	4635^31	4413^20	4579D30	4635D32	4975
10	82.8	4457^27	4620^30	4676^31	4457D22	4620D31	4676D32	4973

High QNH **+60** per .10" Engine A/I ON **-570**
Low QNH **-160** per .10" Wing A/I ON **-570**

A/C **AUTO**

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

OAT °C	N1%	Flaps 9 -10T	+0	+10H	Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4190^23	4339^26	4390^27	4179^16	4339D26	4390D28	4664
48	90.8	4234^24	4385^27	4437^28	4220^16	4385D26	4437D29	4723
46	90.9	4323^25	4478^28	4531^29	4303^17	4478D27	4531D30	4842
44	90.8	4379^26	4536^29	4590^30	4355^17	4536D28	4590D31	4900
42	90.5	4406^27	4564^29	4618^30	4383^18	4564D28	4618D31	4947
40	90.2	4420^27	4578^30	4632^31	4398^19	4578D29	4632D32	4959
38	90.0	4427^27	4586^30	4639^31	4407^19	4586D29	4639D32	4961
36	89.7	4434^27	4592^30	4646^31	4416^19	4592D29	4646D32	4962
34	89.4	4441^27	4599^30	4654^31	4426^20	4599D30	4654D32	4964
32	89.1	4449^27	4607^30	4661^31	4435^20	4607D30	4661D32	4966
30	88.8	4456^27	4615^30	4668^31	4445^20	4615D31	4668D32	4968
28	88.5	4463^28	4622^30	4676^31	4455^21	4622D31	4676D32	4970
26	88.2	4471^28	4629^30	4684^31	4464^21	4629D31	4684D33	4971
24	87.9	4478^28	4637^31	4691^32	4474^22	4637D32	4691D33	4973
22	87.6	4485^28	4645^31	4699^32	4484^22	4645D32	4699D33	4975
10	85.8	4524^29	4683^31	4737^32	4524D24	4683D32	4737D33	4973

High QNH **+60** per .10" Engine A/I ON **-600**
Low QNH **-160** per .10" Wing A/I ON **-600**

A/C **AUTO**

TO-1 - DRY RWY - OPT V2

OAT °C	N1%	Flaps 9 -10T	+0	+10H	+20H
49	90.8	4190^23-23-34	4339^26-26-36	4390^27-27-37	4442^28-28-38
48	90.8	4234^24-24-35	4385^27-27-37	4437^28-28-38	4490^29-29-38
46	90.9	4323^25-25-36	4478^28-28-38	4531^29-29-39	4585^30-30-40
44	90.8	4379^26-26-37	4536^29-29-39	4590^30-30-40	4645^31-31-41
42	90.5	4406^27-27-37	4564^29-29-39	4618^30-30-40	4672^31-31-41
40	90.2	4420^27-27-37	4578^30-30-40	4632^31-31-40	4687^32-32-41
38	90.0	4427^27-27-37	4586^30-30-40	4639^31-31-41	4694^32-32-41
36	89.7	4434^27-27-38	4592^30-30-40	4646^31-31-41	4701^32-32-41
34	89.4	4441^27-27-38	4599^30-30-40	4654^31-31-41	4709^32-32-42
32	89.1	4449^27-27-38	4607^30-30-40	4661^31-31-41	4716^32-32-42
30	88.8	4456^27-27-38	4615^30-30-40	4668^31-31-41	4724^32-32-42
28	88.5	4463^28-28-38	4622^30-30-40	4676^31-31-41	4731^32-32-42
26	88.2	4471^28-28-38	4629^30-30-40	4684^31-31-41	4739^32-32-42
24	87.9	4478^28-28-38	4637^31-31-41	4691^32-32-41	4747^33-33-42
22	87.6	4485^28-28-38	4645^31-31-41	4699^32-32-41	4754^33-33-42
10	85.8	4524^29-29-39	4683^31-31-41	4737^32-32-42	4793^33-33-43

High QNH **+60** per .10" Engine A/I ON **-600**
Low QNH **-160** per .10" Wing A/I ON **-600**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	26	Length	8222	Shift	**0**	Clearway	0	Stopway	0	Slope	+0.16
Rwy Rev.		Program						Rules	FAA		**10 Sep 21**

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ZIHUATANEJO -ZIH 09 *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	Flaps -10T	+0	+10H
48	4234^24	4385^27	4437^28	4228^24	4378^27	4430^28			
46	4323^25	4478^28	4531^29	4316^25	4470^28	4524^29			
44	4379^26	4536^29	4590^30	4371^26	4529^29	4583^30			
42	4406^27	4564^29	4618^30	4399^26	4557^29	4611^30			
40	4420^27	4578^30	4632^31	4413^27	4572^30	4625^30			
38	4427^27	4586^30	4639^31	4420^27	4578^30	4633^31			
36	4434^27	4592^30	4646^31	4428^27	4586^30	4640^31			
34	4441^27	4599^30	4654^31	4435^27	4593^30	4647^31			
32	4449^27	4607^30	4661^31	4442^27	4601^30	4655^31			
30	4456^27	4615^30	4668^31	4449^27	4608^30	4662^31			
28	4463^28	4622^30	4676^31	4457^27	4615^30	4670^31			
26	4471^28	4629^30	4684^31	4465^28	4623^30	4678^31			
24	4478^28	4637^31	4691^32	4472^28	4631^31	4685^31			
10	4524^29	4683^31	4737^32	4468^28	4622^31	4675^32			
	High QNH +60 per .10" Low QNH -160 per .10"			High QNH +60 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -600 Wing A/I ON -600			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	4220^16	4385D26	4437D29	4214^16	4378D26	4430D29			
46	4303^17	4478D27	4531D30	4296^17	4470D27	4524D30			
44	4355^17	4536D28	4590D31	4348^17	4529D27	4583D31			
42	4383^18	4564D28	4618D31	4377^18	4557D28	4611D31			
40	4398^19	4578D29	4632D32	4392^18	4572D29	4625D32			
38	4407^19	4586D29	4639D32	4402^19	4578D29	4633D32			
36	4416^19	4592D29	4646D32	4411^19	4586D29	4640D32			
34	4426^20	4599D30	4654D32	4420^20	4593D30	4647D32			
32	4435^20	4607D30	4661D32	4429^20	4601D30	4655D32			
30	4445^20	4615D31	4668D32	4439^20	4608D31	4662D32			
28	4455^21	4622D31	4676D32	4448^21	4615D31	4670D32			
26	4464^21	4629D31	4684D33	4458^21	4623D31	4678D32			
24	4474^22	4637D32	4691D33	4468^21	4631D32	4685D33			
10	4524D24	4683D32	4737D33	4468D24	4622D32	4675D33			
	High QNH +60 per .10" Low QNH -160 per .10"			High QNH +60 per .10" Low QNH -160 per .10"			High QNH per .10" Low QNH per .10"		
	Engine A/I ON -600 Wing A/I ON -600			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	4001F98	4236^ 8	4311^11	3556F 3	4007F11	4169F13			
26	4011F98	4247^ 8	4324^12	3575F 3	4023F11	4187F13			
24	4021F98	4256^ 9	4334^12	3581F 3	4040F11	4207F14			
22	4033F99	4268^ 9	4345^12	3591F 4	4056F11	4223F14			
20	4042F99	4278^ 9	4355^13	3604F 4	4077F12	4244F14			
15	4066F 0	4303^10	4382^14	3632F 5	4124F12	4282^15			
10	4093F 1	4328^11	4409^15	3666F 5	4175F13	4279^15			
5	4124F 2	4357^12	4439^16	3705F 6	4226F14	4282^15			
0	4153F 3	4386^13	4470^17	3745F 7	4240^14	4284^15			
-5	4184F 4	4415^15	4500^18	3786F 8	4240^14	4284^15			
-10	4211F 5	4443^16	4528^19	3832F 9	4236^14	4281^15			
-15	4235^ 6	4469^17	4557^20	3888F 9	4232^14	4278^15			
-20	4261^ 7	4499^18	4588^22	3947F10	4229^14	4276^15			
-25	4286^ 8	4528^19	4618^23	4006F11	4225^14	4273^15			
	High QNH +70 per .10" Low QNH -50 per .10"			High QNH +10 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 -740 Wing A/I ON -740			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 **10 Sep 21**

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ZIHUATANEJO **-ZIH** **27** ***DT H267***

CLIMB AT	VIA	REACHING	OR	TURN	FLAP RETRACT	HOLD
		1026'		**DT H267**	**1026'**	

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
49	87.6	4348F26	4579^31	4612^31	4271F14	4565F23	4612^26	4664
48	87.6	4386F27	4638^31	4670^32	4307F14	4604F23	4669^26	4723
46	87.7	4464F28	4722F32	4785^34	4380F14	4682F24	4782^27	4842
44	87.6	4509F28	4772F33	4862F35	4425F15	4730F24	4835F27	4900
42	87.4	4526F29	4790F33	4878F35	4442F15	4749F25	4854F28	4947
40	87.1	4542F29	4807F34	4896F35	4459F16	4767F25	4873F28	4959
38	86.8	4553F29	4819F34	4908F35	4471F16	4780F25	4886F28	4961
36	86.6	4564F29	4830F34	4921F35	4483F16	4793F26	4900F29	4962
34	86.3	4575F30	4843F34	4932^36	4496F17	4807F26	4914F29	4964
32	86.0	4587F30	4855F34	4934^36	4509F17	4821F26	4927F29	4966
30	85.7	4599F30	4868F35	4935^36	4522F17	4835F27	4933^30	4968
28	85.4	4611F30	4878F35	4936^36	4535F18	4849F27	4935^30	4970
26	85.2	4623F30	4891F35	4938^36	4548F18	4864F27	4937^31	4971
24	84.9	4635F31	4902^35	4939^36	4561F18	4878F28	4939^31	4973
22	84.6	4647F31	4903^35	4939^36	4575F19	4893F28	4939D32	4975
10	82.8	4720F32	4896^35	4934^36	4654F21	4896D31	4934D34	4973

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-1 - DRY RWY Flaps 9 -10T	+0	+10H	TO-1 - WET RWY Flaps 9 -10T	+0	+10H	Dry Rwy Climb Limit
49	90.8	4449F28	4590^31	4622^31	4343F15	4588^25	4622D28	4664
48	90.8	4492F29	4648^32	4681^32	4381F15	4645^25	4681D28	4723
46	90.9	4571F30	4763^33	4796^34	4456F16	4758^25	4795^29	4842
44	90.8	4634F31	4848^34	4882^35	4510F16	4827F26	4880^29	4900
42	90.5	4677F31	4902^35	4936^36	4545F17	4867F27	4934^30	4947
40	90.2	4692F32	4909^35	4944^36	4562F17	4885F27	4942^30	4959
38	90.0	4704F32	4912^35	4946^36	4575F18	4899F27	4944^31	4961
36	89.7	4715F32	4912^35	4947^36	4586F18	4908^28	4946^31	4962
34	89.4	4726F32	4913^35	4949^36	4599F18	4909^28	4948^32	4964
32	89.1	4738F32	4915^35	4950^36	4613F19	4911^29	4950D32	4966
30	88.8	4750F33	4916^35	4951^36	4627F19	4913^29	4951D33	4968
28	88.5	4761F33	4917^35	4952^36	4641F19	4914^30	4952D33	4970
26	88.2	4773F33	4918^35	4954^36	4655F20	4916^30	4954D34	4971
24	87.9	4785F33	4919^35	4955^36	4669F20	4917^30	4955D34	4973
22	87.6	4797F33	4920^35	4956^36	4683F21	4919^31	4956D34	4975
10	85.8	4799^33	4911^35	4950^36	4767F23	4911D34	4950D36	4973

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-1 - DRY RWY - OPT V2 Flaps 9 -10T	+0	+10H	+20H
49	90.8	4449F28-28-38	4590^31-31-40	4622^31-31-40	4695C38-38-47
48	90.8	4492F29-29-38	4648^32-32-41	4681^32-32-41	4746F39-39-48
46	90.9	4571F30-30-40	4763^33-33-42	4796^34-34-43	4832F40-40-49
44	90.8	4634F31-31-40	4848^34-34-44	4882^35-35-44	4900C35-35-44
42	90.5	4677F31-31-41	4902^35-35-44	4936^36-36-45	4947C36-36-45
40	90.2	4692F32-32-41	4909^35-35-44	4944^36-36-45	4959C36-36-45
38	90.0	4704F32-32-41	4912^35-35-44	4946^36-36-45	4971F42-42-51
36	89.7	4715F32-32-42	4912^35-35-45	4947^36-36-45	4976C42-42-51
34	89.4	4726F32-32-42	4913^35-35-45	4949^36-36-45	4977C42-42-51
32	89.1	4738F32-32-42	4915^35-35-45	4950^36-36-45	4979C42-42-51
30	88.8	4750F33-33-42	4916^35-35-45	4951^36-36-45	4981C42-42-51
28	88.5	4761F33-33-42	4917^35-35-45	4952^36-36-45	4982C42-42-51
26	88.2	4773F33-33-42	4918^35-35-45	4957F42-42-51	4984C42-42-51
24	87.9	4785F33-33-43	4919^35-35-45	4971F42-42-51	4986C42-42-51
22	87.6	4797F33-33-43	4920^35-35-45	4984F42-42-51	4988C43-43-51
10	85.8	4799^33-33-43	4970F42-42-51	4986C42-42-51	4986C42-42-51

High QNH **+0** per .10" — Engine A/I ON **-680**
Low QNH **-170** per .10" — Wing A/I ON **-680**

ALL DATA BASED ON TO-1 UNLESS OTHERWISE NOTED

Elevation	26	Length	8222	Shift	**0**	Clearway	0	Stopway	0	Slope	-0.16
Rwy Rev.		Program						Rules	FAA		**10 Jan 23**

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A/C **AUTO**

DRY - 1 FLP CHNL INOP

OAT °C	Flaps 9 -10T	+0	+10H
48	4492F29	4648^32	4681^32
46	4571F30	4763^33	4796^34
44	4634F31	4848^34	4882^35
42	4677F31	4902^35	4936^36
40	4692F32	4909^35	4944^36
38	4704F32	4912^35	4946^36
36	4715F32	4912^35	4947^36
34	4726F32	4913^35	4949^36
32	4738F32	4915^35	4950^36
30	4750F33	4916^35	4951^36
28	4761F33	4917^35	4952^36
26	4773F33	4918^35	4954^36
24	4785F33	4919^35	4955^36
10	4799^33	4911^35	4950D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

DRY - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4481F29	4642^31	4675^32
4560F30	4757^33	4790^34
4622F30	4842^34	4876^35
4665F31	4897^35	4931^36
4681F31	4905^35	4939^36
4693F32	4907^35	4942^36
4704F32	4908^35	4943^36
4716F32	4909^35	4945^36
4727F32	4910^35	4946^36
4739F32	4911^35	4947^36
4751F33	4912^35	4948^36
4763F33	4913^35	4949^36
4775F33	4914^35	4950^36
4715^32	4826^34	4864^35

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	4381F15	4645^25	4681D28
46	4456F16	4758^25	4795^29
44	4510F16	4827F26	4880^29
42	4545F17	4867F27	4934^30
40	4562F17	4885F27	4942^30
38	4575F18	4899F27	4944^31
36	4586F18	4908^28	4946^31
34	4599F18	4909^28	4948^32
32	4613F19	4911^29	4950D32
30	4627F19	4913^29	4951D33
28	4641F19	4914^30	4952D33
26	4655F20	4916^30	4954D34
24	4669F20	4917^30	4955D34
10	4767F23	4911D34	4950D36

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

Engine A/I ON **-840**
Wing A/I ON **-840**

WET - EAI VLV INOP OPEN

Flaps 9 -10T	+0	+10H
4373F15	4640^25	4675D28
4447F16	4752^25	4789^29
4502F16	4818F26	4874^29
4537F17	4857F27	4929^30
4554F17	4875F27	4937^30
4567F18	4890F27	4940^31
4580F18	4903^28	4942^31
4591F18	4905^28	4944^32
4605F19	4906^29	4946D32
4619F19	4908^29	4947D32
4633F19	4910^29	4948D33
4647F20	4911^30	4949D33
4661F20	4912^30	4950D34
4708^23	4826D34	4864D35

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	3661F98	4287F 7	4382F10
26	3820F98	4300F 7	4395F10
24	3930F98	4312F 7	4408F11
22	4057F98	4325F 8	4421F11
20	4069F98	4337F 8	4434F12
15	4094F99	4367F 9	4466F13
10	4123F 0	4398F10	4498F14
5	4151F 1	4433F11	4535F15
0	4183F 2	4469F12	4572F16
-5	4213F 3	4504F13	4609F17
-10	4241F 4	4537F14	4646F18
-15	4269F 5	4572F15	4683F19
-20	4301F 6	4610F17	4723F20
-25	4334F 7	4648F18	4762F21

High QNH **+80** per .10"
Low QNH **-60** per .10"

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

LEVEL 2 CONTAM

Flaps 22 -10T	+0	+10H
3582F 2	3991F10	4152F13
3591F 2	4010F11	4171F13
3604F 2	4027F11	4192F13
3616F 3	4042F11	4207F14
3628F 3	4063F11	4227F14
3657F 4	4109F12	4278F15
3695F 5	4160F13	4281^15
3733F 5	4208F14	4285^15
3776F 6	4243^14	4287^15
3820F 7	4242^14	4287^15
3870F 8	4239^14	4284^15
3909F 8	4234^14	4280^15
3953F 9	4232^14	4278^15
3996F10	4227^14	4275^15

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

Engine A/I ON **-740**
Wing A/I ON **-740**

LEVEL 3 CONTAM

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 **10 Jan 23**

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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 AE3007A1

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 AE3007A1

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 AE3007A1

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 AE3007A1

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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