



EMB135 Models EMB145 Models

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MAINTENANCE REVIEW BOARD REPORT

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MRB-145/1150
16 DECEMBER 1996
REVISION 22 – 22 JUNE 2022



MAINTENANCE REVIEW BOARD REPORT

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TO: HOLDERS OF PUBLICATION No. MRB-145/1150 - "MAINTENANCE REVIEW BOARD REPORT", APPLICABLE TO EMB-135/145 AIRCRAFT.

MRB-145/1150 - REVISION No. 22 APPROVED DATED FEBRUARY 11th, 2022 AND EFFECTIVE AS OF JUNE 22nd, 2022

HIGHLIGHTS

These highlights present MRB EMB-145 Report Revision 22.

Pages which have been revised, added or deleted by the current revision are indicated by an asterisk on the List of Effective Pages.
NOTE: Revision bar in the footer indicates layout changes only.

Remove and insert the affected pages as listed and enter this revision in the Record of Revisions.

Please do not hesitate to contact us for any additional information you may find of your needs.

1. Contents

This issue encompasses Revision 22 - MRB-145/1150 approved dated February 11th, 2022 and effective as of June 22nd, 2022

2. Outline of changes

An outline of all changes is presented below.

SECTION 1 - INTRODUCTION

REFERENCE	DESCRIPTION
ITEM 1.5	TEXT REVISED: New sentence added related to the Low Utilization operation applicability.
ITEM 1.9	TEXT REVISED: New sentences added related to the Service Bulletin applicability.

SECTION 2 – ROUTINE INSPECTION REQUIREMENTS

It is listed below all modifications implemented on this revision:

REFERENCE	DESCRIPTION
30-00-00-710-001-A00	TASK MOVED: Task moved from section 2 to section 3.

SECTION 3 – SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS

It is listed below all modifications implemented on this revision:

REFERENCE	DESCRIPTION
21-23-07-960-001-A00	NEW TASK: Task created as a result of product modification. Embodied by TR 21-1.
21-24-06-960-001-A00	NEW TASK: Task created as a result of product modification. Embodied by TR 21-1.
21-31-00-710-001-A00	TASK REVISED: Task interval revised as a result of system optimization process. From: "I: 2C" To: "I: 6750 FH"
21-60-11-960-001-A00	NEW TASK: Task created as a result of product modification. Embodied by TR 21-1.
25-21-00-212-001-A00	TASK REVISED: Task category and description revised as a result of MSG-3 analysis reassessment. From: "7" To: "6" From: "Inspect (General Visual) Passenger Seats (Fabric Cover, Tray, Safety Belt Integrity and Attachment to the Track)." To: "Inspect (General Visual) Passenger Seats Structure, Seat Attachment to the Track and Food tray Assembly for Integrity and General Conditions."

SECTION 3 – SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE	DESCRIPTION
26-21-02-720-002-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-22-01-720-001-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-22-01-720-002-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-22-02-720-001-A00	TASK REVISED: Task note deleted as a result of MSG-3 analysis reassessment.
26-23-01-720-001-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-23-01-720-003-A00	NEW TASK: Task created as a result of MSG-3 analysis reassessment.
26-23-05-212-001-A00	TASK REVISED: Task description revised as a result of MSG-3 analysis reassessment. From: "Inspect (General Visual) discharge piping for cracks, bent and loose fittings, and nozzles for damage". To: "Inspect (General Visual) discharge piping for cracks, bent and loose fittings, and nozzles for damage (Class "C" Baggage Compartment only)."
26-24-00-720-001-A00	TASK REVISED: Task description revised as a result of MSG-3 analysis reassessment. From: "Inspect Portable Fire Extinguishing Bottle for Weight (see Placard attached to the Bottle)" To: "Inspect Portable Fire Extinguishing Bottle for Weight except P/N 74-20 (see Placard attached to the Bottle)."
26-24-00-720-001-A01	NEW TASK: Task created as a result of MSG-3 analysis reassessment.
26-24-01-720-001-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-24-01-720-001-A01	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-24-01-720-002-A00	NEW TASK: Task created as a result of MSG-3 analysis reassessment.
26-24-01-720-002-A01	NEW TASK: Task created as a result of MSG-3 analysis reassessment.
26-24-01-720-002-A02	NEW TASK: Task created as a result of MSG-3 analysis reassessment.
30-00-00-710-001-A00	TASK REVISED: Task section and interval revised as a result of MSG-3 analysis reassessment. From: "Section 2" To: "Section 3" From: "I: 100 FH or 14 days whichever occurs first" To: "I: 100 FH"
32-20-01-720-001-A00	TASK DELETED: Task deleted from section 3 as a result of the MSG-3 analysis reassessment.
35-10-07-720-001-A00	TASK REVISED: Task note deleted as a result of the MSG-3 analysis reassessment.

SECTION 3 – SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE	DESCRIPTION
35-21-04-720-001-A00	TASK REVISED: Task description revised as a result of the MSG-3 analysis reassessment. Note included. From: "Functionally Check (Hydrostatic Test) Passenger Oxygen Cylinder (Gaseous Oxygen System (Shuttle Configuration only))" To: "Functionally Check Passenger Oxygen Cylinder Regulator and Gauge (Gaseous Oxygen System (Shuttle Configuration only))" Note included: "NOTE: From the manufacture date or last task accomplishment."
35-21-04-960-001-A00	TASK DELETED: Task deleted from section 3 as a result of the MSG-3 analysis reassessment.
35-30-01-720-001-A00	TASK REVISION: Task note deleted as a result of the MSG-3 analysis reassessment.
35-30-01-720-002-A00	TASK DELETED: Task deleted from section 3 as a result of the MSG-3 analysis reassessment.

SECTION 4 - STRUCTURAL INSPECTION REQUIREMENTS

REFERENCE	DESCRIPTION
53-23-00-210-809-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
53-23-00-220-819-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
53-24-00-220-806-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
55-10-00-240-802-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
55-10-00-250-803-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."

SECTION 4 - STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE	DESCRIPTION
55-20-00-210-801-A00	TASK DELETED: Task deleted from section 4 as a result of MSG-3 analysis reassessment and structural optimization process.
55-30-00-220-833-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
55-30-00-250-802-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-10-00-220-803-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-10-00-220-807-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-10-00-220-809-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-10-00-220-810-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-10-00-220-813-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-10-00-220-814-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."

SECTION 4 - STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE	DESCRIPTION
57-10-00-220-822-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-10-00-220-833-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-21-00-210-829-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-21-00-250-803-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-26-00-250-812-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-26-00-250-813-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-26-00-250-813-A02	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-26-00-250-813-A04	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."
57-26-00-250-814-A00	TASK REVISED: Task note revised to include aircraft not affected by SB 145-00-0032. From: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032." To: "NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032."

SECTION 5 - CORROSION PREVENTION & CONTROL PROGRAM (CPCP)

REFERENCE	DESCRIPTION
55-20-00-220-C07-A00	NEW TASK: Task created as a result of MSG-3 analysis reassessment and structural optimization process.
55-20-00-220-C07-A01	NEW TASK: Task created as a result of MSG-3 analysis reassessment and structural optimization process.

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS

SSI No.	ZONE	TYPE SIDE	TASK	DESCRIPTION
53-20-06	251/252	GVI EXT	53-23-00-210-C02-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-20-07	151/152 153/154	DET EXT	53-23-00-220-C06-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-20-07	253/254	GVI EXT	53-23-00-210-809-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-20-07	161/162	GVI EXT	53-24-00-210-811-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-20-07	161/162	DET INT	53-24-00-220-C01-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS (CONTINUED)

SSI No.	ZONE	TYPE SIDE	TASK	DESCRIPTION
53-20-07	263/264	GVI EXT	53-24-00-210-801-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-20-07	263/264	DET INT	53-24-00-220-806-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-20-14	161/162 261/262	GVI INT	53-24-00-210-C04-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-20-14	263/264	GVI INT	53-24-00-210-804-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-20-16	251/252	GVI EXT	53-23-00-210-808-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-20-30	151/152 153/154	DET INT	53-23-00-220-823-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS (CONTINUED)

<i>SSI No.</i>	<i>ZONE</i>	<i>TYPE SIDE</i>	<i>TASK</i>	<i>DESCRIPTION</i>
53-20-51	251/252	DET EXT	53-23-00-220-819-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-30-07	171/172	DET INT	53-31-00-220-C01-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-30-07	271/272	DET INT	53-31-00-220-847-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-30-15	171/172	GVI EXT	53-31-00-210-822-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-30-15	271/272	GVI EXT	53-31-00-210-822-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
53-30-15	273/274	GVI EXT	53-31-00-210-811-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS (CONTINUED)

SSI No.	ZONE	TYPE SIDE	TASK	DESCRIPTION
55-10-21	337	SDE EXT	55-10-00-250-803-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
55-10-24	337	SDE EXT	55-10-00-240-802-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
55-30-76	325	SDE EXT	55-30-00-250-802-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
55-30-76	325	DET INT	55-30-00-220-833-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-10-01	155/156/ 157	DET EXT	57-10-00-220-822-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-10-03	155/156/ 157	DET EXT	57-10-00-220-807-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS (CONTINUED)

<i>SSI No.</i>	<i>ZONE</i>	<i>TYPE SIDE</i>	<i>TASK</i>	<i>DESCRIPTION</i>
57-10-03	155/156/ 157	DET INT	57-10-00-220-809-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-10-05	155/156/ 157	DET EXT	57-10-00-220-803-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-10-05	155/156/ 157	DET INT	57-10-00-220-810-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-10-06	155/156/ 157	DET EXT	57-10-00-220-833-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-10-06	155/156/ 157	DET INT	57-10-00-220-813-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-10-08	155/156/ 157	DET INT	57-10-00-220-814-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS (CONTINUED)

<i>SSI No.</i>	<i>ZONE</i>	<i>TYPE SIDE</i>	<i>TASK</i>	<i>DESCRIPTION</i>
57-11-18	155/156/ 157	DET EXT	57-11-00-220-831-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-11-18	155/156/ 157	DET INT	57-11-00-220-814-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-11-23	155/156/ 157	DET EXT	57-11-00-220-854-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-11-23	155/156/ 157	DET INT	57-11-00-220-856-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-11-24	155/156/ 157	DET EXT	57-11-00-220-858-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-11-24	155/156/ 157	DET INT	57-11-00-220-860-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS (CONTINUED)

<i>SSI No.</i>	<i>ZONE</i>	<i>TYPE SIDE</i>	<i>TASK</i>	<i>DESCRIPTION</i>
57-21-26	551/651	GVI EXT	57-21-00-210-829-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-21-29	531/631	SDE EXT	57-21-00-250-803-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-24-49	532/632	GVI EXT	57-24-00-210-C02-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-24-49	532/632	GVI INT	57-24-00-210-C03-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-24-50	532/632	GVI INT	57-24-00-210-803-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-24-51	532/632	GVI EXT	57-24-00-210-C04-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS (CONTINUED)

SSI No.	ZONE	TYPE SIDE	TASK	DESCRIPTION
57-24-51	532/632	GVI INT	57-24-00-210-C05-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-26-94	532/632	SDE EXT	57-26-00-250-812-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-26-95	532/632	SDE EXT	57-26-00-250-813-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "Applicable only to trunnion P/N 145-67014-001/002 003/004/005/006/007/008 PRE-MOD. SB 145-00-0032" To: "Applicable only to trunnion P/N 145-67014-001/002 003/004/005/006/007/008; PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-26-95	532/632	SDE EXT	57-26-00-250-813-A02	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "Applicable only to trunnion P/N 145-67014-011/012 PRE-MOD. SB 145-00-0032" To: "Applicable only to trunnion P/N 145-67014-011/012; PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-26-95	532/632	SDE EXT	57-26-00-250-813-A04	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "Applicable only to trunnion P/N145-67014-009/010/ 013/014 PRE-MOD. SB 145-00-0032" To: "Applicable only to trunnion P/N145-67014-009/010/ 013/014; PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS (CONTINUED)

<i>SSI No.</i>	<i>ZONE</i>	<i>TYPE SIDE</i>	<i>TASK</i>	<i>DESCRIPTION</i>
57-26-96	532/632	SDE EXT	57-26-00-250-814-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-41-94	511/611	GVI EXT	57-41-00-210-C01-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-41-98	511/611	DET INT	57-41-00-220-801-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-42-95	512/612	GVI EXT	57-42-00-210-C01-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-42-97	512/612	DET EXT	57-42-00-220-C01-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-42-98	512/612	DET INT	57-42-00-220-801-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 2 - AIRWORTHINESS LIMITATION REQUIREMENTS (CONTINUED)

<i>SSI No.</i>	<i>ZONE</i>	<i>TYPE SIDE</i>	<i>TASK</i>	<i>DESCRIPTION</i>
57-43-96	513/613	GVI EXT	57-43-00-210-C01-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"
57-43-98	513/613	DET INT	57-43-00-220-801-A00	ERJ-145 LR/LU/MR/MP/MK: Task applicability revised to include aircraft not affected by SB 145-00-0032. From: "PRE-MOD. SB 145-00-0032" To: "PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032"

APPENDIX 4 - ISC & WGs PARTICIPANTS

REFERENCE	DESCRIPTION
ITEM 4.5	ITEM REVISED: Item updated with information related to the participants from last ISC meeting and related to MRB-1150 Revision 22.

APPENDIX 6 - MANUFACTURER PUBLICATION LIST

REFERENCE	DESCRIPTION
CHAPTER/COMPONENT 32 - Nose Landing Gear	ITEM DELETED: Cross-reference deleted since the task 32-20-01-720-001-A00 was deleted from section 3.

APPENDIX 7 - DELETED TASKS FROM MRB

REFERENCE	DESCRIPTION
22-11-00-720-003-A00	TASK DELETED: Task deleted from appendix 8 as a result of MSG-3 analysis reassessment.
26-21-02-720-002-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-22-01-720-001-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-22-01-720-002-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-23-01-720-001-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.

APPENDIX 7 - DELETED TASKS FROM MRB (CONTINUED)

REFERENCE	DESCRIPTION
26-24-01-720-001-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
26-24-01-720-001-A01	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
30-41-00-710-001-A00	TASK DELETED: Task deleted from appendix 8 as a result of MSG-3 analysis reassessment.
32-20-01-720-001-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
34-24-00-710-001-A00	TASK DELETED: Task deleted from appendix 8 as a result of MSG-3 analysis reassessment.
35-21-04-960-001-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
35-30-01-720-002-A00	TASK DELETED: Task deleted from section 3 as a result of MSG-3 analysis reassessment.
55-20-00-210-801-A00	TASK DELETED: Task deleted from section 4 as a result of MSG-3 analysis reassessment.

APPENDIX 8 - CATEGORY II - MAINTENANCE REQUIREMENTS

REFERENCE	DESCRIPTION
22-11-00-720-003-A00	TASK DELETED: Task deleted from appendix 8 as a result of MSG-3 analysis reassessment.
30-41-00-710-001-A00	TASK DELETED: Task deleted from appendix 8 as a result of MSG-3 analysis reassessment.
34-24-00-710-001-A00	TASK DELETED: Task deleted from appendix 8 as a result of MSG-3 analysis reassessment.

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AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL
Rua Dr. Orlando Feirabend Filho, 230 - Centro Empresarial Aquarius - Torre B - Andares 14 a 18
São José dos Campos/SP - CEP 12.246-190 - <https://www.anac.gov.br> [[anac.gov.br](https://www.anac.gov.br)]

Ofício nº 114/2022/GTPR/GCPP/SAR-ANAC

São José dos Campos, February 11, 2022.

Embraer S.A.

Av. Brigadeiro Faria Lima, 2170
12227-901 – São José dos Campos – SP
Brazil

**Subject: Approval of Revision 22 of the Maintenance Review Board Report and Airworthiness Limitations
Section applicable to EMB-135 and EMB-145 aircraft.**

Reference: Process N° 00066.014525/2021-09

Dear all,

1. Proposed revision 22 to Maintenance Review Board Report (MRBR) **MRB-145/1150**, applicable to Embraer S.A. aircraft models **EMB-135 and EMB-145**, was submitted to ANAC for approval, identified with submittal date 09 November 2021, ANAC SEI document number 6448786.
2. This letter presents and approves Revision 22 of MRB-145/1150 as submitted.
3. For **all parts of the document with exception of Appendices 1 and 2 (Certification Maintenance Requirements (CMRs) and (Airworthiness Limitation Requirements (ALIs), respectively)**, the document was reviewed by the designated MRB Chairperson, and the following applies:
 - 3.1. This MRB Report outlines the initial minimum maintenance/inspection requirements to be used in the development of an approved and updated continuous airworthiness maintenance program for the airframe, engines, systems, and components of Embraer S.A. aircraft models EMB-135 and EMB-145.
 - 3.2. The tasks and their frequencies as contained in this report constitute part of the Instructions for Continued Airworthiness as required by RBAC 25, paragraph 25.1529 and Appendix H.
 - 3.3. The requirements in this MRB Report have been developed using Maintenance Steering Group 3 (MSG-3) logic.
 - 3.4. ANAC hereby **approves MRB-145/1150 Revision 22** for use as a starting basis in the development of an Aircraft Maintenance Program applicable to any Embraer S.A. **aircraft models EMB-135 and EMB-145**.
4. Regarding **Appendices 1 and 2 (Certification Maintenance Requirements (CMRs) and (Airworthiness Limitation Requirements (ALIs), respectively)**, it was reviewed by this Certification Office

considering approved design changes, and the following applies:

- 4.1. Appendices 1 and 2 contains the Airworthiness Limitations Appendices, as required by RBAC 25, paragraph 25.1529, and specified in Appendix H, paragraph 25.4.
- 4.2. ANAC hereby **approves MRB-145/1150 Revision 22, Appendices 1 and 2**, which specifies maintenance required by any applicable airworthiness or operating rule, applicable to any Embraer S.A. **aircraft models EMB-135 and EMB-145**, unless an alternative program has been approved by ANAC.
- 4.3. This letter also constitutes **ANAC approval of MRB-145/1150 Revision 22, Appendices 1 and 2, on behalf of the Federal Aviation Administration (FAA)**, as it specifies maintenance required under 14CFR §§43.16 and 91.403 of the Federal Aviation Regulations, applicable to any Yaborã Indústria Aeronáutica S.A. **aircraft models EMB-135 and EMB-145**, unless an alternative program has been FAA approved.
5. Mr. Sérgio Henrique Borges da Cruz is the designated MRB Chairperson for this program, and he can be reached directly by phone at +55 12 3203-6765, or via electronic mail at sergio.cruz@anac.gov.br.
6. Mr. Marcelo Katsutochi Fujihara is the Program Certification Manager assigned for this program, and he can be reached directly by phone at +55 12 3203-6775, or via electronic mail at Marcelo.Fujihara@anac.gov.br.

Yours sincerely,

Pedro Henrique Leite Paludo

Manager, Certification Programs Technical Branch

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Documento assinado eletronicamente por **Pedro Henrique Leite Paludo, Gerente Técnico de Programas de Certificação**, em 11/02/2022, às 11:48, conforme horário oficial de Brasília, com fundamento no art. 4º, do [Decreto nº 10.543, de 13 de novembro de 2020 \[planalto.gov.br\]](http://planalto.gov.br).



A autenticidade deste documento pode ser conferida no site <https://sei.anac.gov.br/sei/autenticidade> [sei.anac.gov.br], informando o código verificador **6811463** e o código CRC **73762A06**.

Referência: Caso responda este Ofício, indicar expressamente o Processo nº 00066.014525/2021-09

SEI nº 6811463



U.S. Department
of Transportation

**Federal Aviation
Administration**

Seattle Aircraft Evaluation Group
Flight Standards Regional Office
2200 S. 216th Street
Des Moines, Washington 98198-6547

February 11, 2022

Pedro Augusto da Silva Alves
Maintenance Programs Engineering Manager
Embraer / Services & Support
Av. Brigadeiro Faria Lima, 2170
12227-901 – São José dos Campos – SP Brazil

Dear Mr. Alves:

This letter presents and approves Revision 22 of the Maintenance Review Board Report – MRB-145/1150 of EMB-135 and EMB-145 Aircraft.

This MRB Report outlines the initial minimum scheduled maintenance/inspection requirements to be used in the development of a continuous airworthiness maintenance program for the airframe, engines, systems, and components of EMB-135 and EMB-145 Aircraft. The approval of this revision does not constitute approval of Certification Maintenance Requirements (CMR's), Airworthiness Limitations (ALI's) and Life-Limited Items (LLI's) contained in Appendix 1 and 2 of this report as they require approval by another division of this regulatory authority.

The requirements in this MRB Report have been developed using Maintenance Steering Group (MSG)-3 Revision 2 process and logic.

The Federal Aviation Administration (FAA) hereby approves this MRB Report for use by the United States (U.S.) registered civil aircraft operating within or outside of the United States. and for each foreign air carrier and each foreign person operating a U.S. registered aircraft in common carriage within or outside the United States of all EMB-135 and EMB-145.

Sincerely,

ROY C
VENTURA

Digitally signed by
ROY C VENTURA
Date: 2022.02.11
10:16:41 -08'00'

Roy Ventura
FAA-MRB Chairman
Aviation Safety Inspector
Seattle Aircraft Evaluation Group

Cc: Sergio Henrique Borges da Cruz, ANAC MRB Chairman
Colin Langley, EASA MRB Chairman
Heather Hinton, ISC Chairwoman
Alan Martinez Vargas da Souza, ISC Co-Chairman
Paulo Roberto de Freitas Diniz, ISC Co-Chairman Structures
Chad Shackford, FAA, Seattle Aircraft Evaluation Group FLM

Raffaele Iovinella
Aircraft Maintenance Section Manager
Flight Standards

Cologne, 11.02.2022

Embraer

Empresa Brasileira de Aeronautica
Attn. Attn. Mr. Pedro Augusto da Silva Alves
Maintenance Programs Engineering Manager
Av. Brigadierio Faria Lima, 2170
12227-901 São Jose dos Campos
São Paulo
Brazil

Subject:

EASA Approval of the Embraer EMB-135 and EMB 145 Maintenance Review Board (MRB) Report Revision 22 submittal date date 10th November 2021; (document reference: - MRB-145/1150)

Dear Sir,

This report outlines the initial minimum maintenance requirements to be used in the development of an approved continuous airworthiness maintenance program for the airframe, engines, systems and components of Embraer EMB-135 and EMB 145 model aircraft.

The tasks and their frequencies listed in this report form part of the Instructions for Continued Airworthiness as required by CS-25 paragraph CS 25.1529 and Appendix H.

The requirements in the report have been developed using Maintenance Steering Group 3 logic.

The European Union Aviation Safety Agency (EASA) hereby agrees that this report can be used, as a starting basis, for the continuing airworthiness management of Embraer EMB-135 and EMB 145 model aircraft according to Annex I of Commission Regulation (EU) No 1321/2014 (Part M) as amended.

The scope of this approval covers Sections 1 to 6, Section 7 ("B. Special Rules Pertaining to EASA Certification" only), Appendix 3 and Appendix 7 of the above referred document in subject.

Yours Sincerely,



Raffaele Iovinella

Copy: ISC Chair: Heather HINTON
ISC Co-Chair: Alan Martinez Vargas SOUZA
FAA MRB Chair: Roy VENTURA
ANAC MRB Chair: Sergio Henrique Borges Da CRUZ
EASA MRB Chair: Colin LANGLEY



MAINTENANCE REVIEW BOARD REPORT

EMBRAER S.A.
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TEMPORARY REVISION LIST

CURRENT STATUS OF EFFECTIVE TEMPORARY REVISIONS

MRB-145/1150 Revision 22, 22 June 2022

Currently there is no effective Temporary Revision intended for this manual.

The latest revision to it has incorporated any and all preceding Temporary Revisions issued (if any).

Latest update: 22 June 2022

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MAINTENANCE REVIEW BOARD REPORT

SECTION 1 INTRODUCTION

1.1 PURPOSE

This document outlines the initial minimum scheduled maintenance inspection requirements for the EMB-145 aircraft models, as approved by the Centro Técnico Aeroespacial (CTA) Maintenance Review Board. The EMB-145 Maintenance Review Board (MRB) Report is considered a part of the Instructions for Continued Airworthiness complying with appendix H of RBHA-25, appendix H FAR 25, and JAR 25.

The purpose of these initial minimum scheduled maintenance inspection requirements is to maintain the inherent reliability levels of the aircraft and its equipment at the maximum safety and minimum practical cost.

1.2 CONTENTS

The Maintenance Review Board (MRB) Report is divided into the following:

- Section 1. Introduction
- Section 2. Routine Inspection Requirements
- Section 3. Systems & Powerplant Inspection Requirements
- Section 4. Structural Inspection Requirements
- Section 5. Corrosion Prevention and Control Program (CPCP)
- Section 6. Zonal Inspection Requirements
- Section 7. National Requirements
- Appendix 1. Certification Maintenance Requirements (CMRs)
- Appendix 2. Airworthiness Limitation Requirements (ALIs)
- Appendix 3. MSIs That Did Not Generate Tasks
- Appendix 4. ISC & WGs Participants
- Appendix 5. Glossary, Abbreviations, and Acronyms
- Appendix 6. Manufacturer Publication List

- Appendix 7. Deleted Tasks from MRB
- Appendix 8. Category II - Maintenance Requirements
- Appendix 9. Aircraft Zoning
- Appendix 10. Access Doors and Panels
- Appendix 11. RVSM – Maintenance Requirements
- Appendix 12. CAT III – Maintenance Requirements

1.3 MRB DOCUMENT BASIS

The MRB Report has been developed according to Advisory Circular AC 121-22A and Air Transport Association (ATA) MSG-3 Revision 2 document (dated September 12, 1993). From now and on, the definition of General Visual Inspection (GVI) and all emergency equipment analysis are in accordance with the Air Transport Association (ATA) MSG-3 Revision 2001.1 document. The MRB Report development followed the procedures contained in the PPH-145/1118 - EMB-145 Policy and Procedures Handbook. The EMB-145 PPH can be obtained directly from EMBRAER Customer Support Division.

The original MRB Report edition was based on the EMB-145 Maintenance Review Board Report Proposal (MRBRP), which considered the review and analysis of the tasks and task frequencies developed by five Working Groups and approved by the Industry Steering Committee (ISC) (See Appendix 4).

1.4 APPLICABILITY

The content of this document is applicable to the models EMB-145/EU/ER/EP/MR/MK/MP/LU/LR/XR and EMB-135ER/KE/KL/LR plus the modifications and standard options which can affect the aircraft operation and/or maintenance. Those modifications and options are referred to under the applicable task with the remarks "If installed" or "Pre-Mod/Post-Mod" status, with respect to specific Service Bulletins.

1.5 GENERAL RULES

EMBRAER intends to keep the EMB-145 MRB Report as an up-to-date (living) document and as such the PPH-145/1118 will establish the rules to be followed. The ISC chairman and the CTA MRB chairman will conduct a joint annual review to determine the need for a revision.

Each operator shall work out details and responsibilities for accomplishing the maintenance procedures required by this document and associated technical manuals.

The overall reliability of the EMB-145 shall be monitored by each operator's system for continuous analysis and surveillance as required by RBHA/FAR/JAR 121.373.



MAINTENANCE REVIEW BOARD REPORT

For the purpose of this document, an operator's fleet is defined as the number of aircraft an operator has on order at the time the operator initiates EMB-145 operation. In the event the size of an operator's fleet changes, the associated maintenance program dependent on the original fleet size will be adjusted accordingly.

The MRB report is based on average annual utilization from 500 to 2700 flight hours. For conversion purposes, a cycle rate of 1 FC/1.12 FH was assumed.

For operators whose aircraft utilization is between 500 and 1000 flight hours per year, the operator's Maintenance Program must be adjusted applying dual intervals for specific tasks as presented in paragraph 1.10.

For operators whose aircraft utilization is under 500 flight hours per year, it is considered Low Utilization Operation and must follow the respective section on the Schedule Maintenance Requirements Document (SMRD). The evaluation of Low Utilization operation applicability should follow the local Aviation Authorities rules and the Embraer guidance described in the SNL 145-00-0113.

Additional procedures may be required for periods of non-operations of the aircraft, e.g. parking, storage, etc.

Where sampling programs are required by this document, such inspections shall be accomplished according to detailed procedures for sampling, recording, and reporting established in specific service bulletins and approved by the Regulatory Authority.

In addition to the inspection techniques required in the NDI Manual, the use of non-destructive techniques may be developed to provide alternative means to the prescribed visual inspections in this document. If this is the case, the relevant Regulatory Authority must approve the procedure.

All task frequencies specified in flight hours (FH), cycles (FC), or calendar basis may be converted to an appropriate frequency and listed in the approved operator's maintenance program.

Inspection, hydrostatic tests and life limits of pressure vessels shall be accomplished per Manufacturer's Technical Data as approved by the relevant Authority.

The intervals herein established are limits that do not have margins to be considered. For escalation purposes, an approved reliability program as described by FAA Advisory Circular 120-17A can be considered for In-Service Reliability Monitoring.

Operators (other than FAA Certificated) may take credit for tasks when accomplished in the flight deck by the flight crew as part of the local authority approved flight deck normal check list. Such task will be identified with the note: Not applicable if performed by the flight crew, in accordance with the AFM for operators other than those under FAA.

Task and interval requirements quoted in the MRB Report are identified from application of MSG-3 logic and shall not be unduly influenced by National Requirements coming from the Airworthiness Authority / Agency (e.g. FAA) or any other body within the country of the signing MRB member (e.g. DOT in the USA). MRB Section or Appendix to cover National Requirements should only be required when either agreement cannot be reached between MRB members on the outcome of the application of MSG-3 logic or there is a regulatory reason why the result must

be managed in a different way by carriers operating under the registry of the signing MRB state (e.g. FAA requirements on handling Fuel Tank Safety and EWIS tasks).

1.6 SAMPLING PROGRAM GENERAL GUIDELINES

Sampling programs identified within this report for engines, APU and other aircraft components will list all inspection thresholds and the overhaul inspection threshold to be achieved.

All sample programs will be authorized by the Industry Steering Committee (ISC) and the regulatory authorities approving/accepting the Maintenance Review Board (MRB) report.

All sample program details will be published in specific Service Bulletins.

Sample inspection intervals are considered to be valid if performed within the tolerance specified on a case-by-case basis.

Airframe manufacturer will:

- Establish the basic program criteria.
- Act as the focal point and oversight for other manufacturers (engine, APU, landing gear, generator, etc.) for the establishment of sampling program.
- Submit all sampling program proposals in full details to the regulatory authorities for approval.
- Advise the fleet operators about the participants, results of sample inspections at each threshold and the final results of the sampling program.
- Inform participating regulatory authorities of all pending threshold sampling inspections to allow their possible attendance and provide applicable reports.
- Immediately inform regulatory authorities and the fleet operators of unsatisfactory results of a sampling inspection and new threshold limits established.
- Ensure each participating operator clearly understands the sampling program objectives and rules.

Regulatory authorities will:

- Review, accept/approve the prepared sampling program submitted by the airframe manufacturer.
- Coordinate any participation during a sample inspection with the airframe manufacturer (evaluations/inspections).
- Monitor all published MRB sampling programs for satisfactory or unsatisfactory results.
- Remove completed and successful sampling program criteria from MRB report when completed.

Operators that participate in sampling program must:

-
- Ensure they meet and understand published guidelines/rules.
 - Maintain historical documentation on the item to be sampled.
 - Identify the item(s)/component(s) to be sampled in such a manner that the maintenance personnel/operations personnel will indicate or initiate special consideration, i.e., special instruction for maintenance, documentation or approvals to perform maintenance.
 - Maintain the item to be sampled on the maintenance program prescribed by the airframe manufacturer and approved by the regulatory authorities.
 - Immediately identify to the regulatory authorities and the airframe manufacturer any failures or deviations from approved sampling program.
 - Operators not participating in the sampling program can go to the T.B.O. objective as indicated in the relevant restoration tasks, unless if officially notified of any change.

1.7 SERVICE BULLETINS RELATED TO SAMPLING PROGRAMS

Service Bulletins related to Sampling Programs and revisions of those Bulletins will constitute a temporary revision to the MRB Report (Living Document).

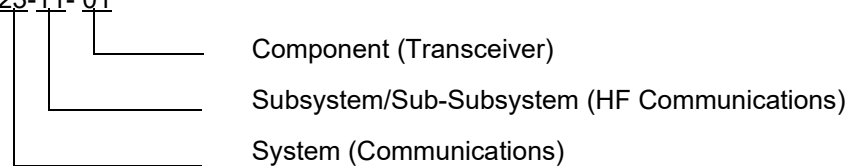
1.8 REFERENCE NUMBERING

The AMTOSS (Aircraft Maintenance Task Oriented Support System) numbering system is used to generate the reference number at the MRB and is also used as a cross-reference between the MRB and the EMBRAER Aircraft Maintenance Manual, Non-Destructive Inspection Manual, and Corrosion Prevention and Control Manual. To find the applicable task on the Aircraft Maintenance Manual, it is necessary to consult the cross-reference table on the Introduction of the Aircraft Maintenance Manual. The EMBRAER manuals contain the information on how to perform the tasks herein procedures. The Reference Number is based on ATA-100 Specification, consisting of six elements as defined below:

1. Chapter
2. Section
3. Subject
4. Function code
5. Page Block Identifier/ Sequence Number
6. Effectivity Identifier

- A. The 1st, 2nd, and 3rd elements are specified according to the System, Subsystem/Sub-Subsystem and Item/Components as defined by ATA-100 Breakdown.

Example : 23-11- 01



- B. The 4th element defines the maintenance function to be carried out, according to the ATA-100 Specification Function Code Table.

1. Task Function Code

- a. The following codes are used for scheduled maintenance tasks:

100 - Cleaning
200 - Inspection/Check
300 - Repair
600 - Servicing/ Preserving/ Lubricating
700 - Testing/ Checking
800/990 - Miscellaneous

2. Subtask Function Code

- a. For subtasks, the codes are broken down to a more detailed level, according to the ATA-100 Specification Function Code Table.

Examples of subtasks:

010 - Access Door or Panel Opening or Removal
040 - System/Component Deactivation
170 - Oil System Flushing
290 - Boroscope Inspection
350 - Metallic Structure Repair
480 - Ground Power Unit (GPU) Installation
580 - Aircraft Jacking

610 - Oil Reservoir Filling
820 - Flight Control Cables Rigging
940 - Preparation of Aircraft Maintenance Area
960 - Not-Cleanable Filter Element Replacement

b. The following method is used to present the subtasks, according to the AMM (Aircraft Maintenance Manual) task structure:

841 - Preparation Procedures
XXX - Procedure (See examples above)
842 - Follow-on Procedures (To Restore the Aircraft to Normal)

C. The 5th element is a three-digit number used to create unique numbers for all tasks or subtasks which are similarly numbered through the first four elements. The 5th element is composed as follows:

1. The digits indicate the sequential order for tasks (range: 801 thru 999)/ subtasks (range: 001 thru 799 or C01 thru C99 for corrosion related tasks) with the same function code within a subject.

Example:

- 71-00-00-500-803 - task 3 of subject 71-00-00
- 28-10-00-220-002 - subtask 2 of subject 28-10-00
- 55-10-00-210-C01 - subtask 1 of subject 55-10-00

D. The 6th element is a configuration identifier for tasks/subtasks

1. For the tasks, the element consists of a one-digit alphabetical identifier (A to Y, except I and O). The letter A indicates ALL.
2. For subtasks, the element consists of a three-digit alphanumeric identifier. The first digit is the same configuration letter as the task; the last two digits form a sequential number (01 to 99) assigned to the subtask at its creation. The code A00 indicates ALL, and is used as a default value throughout the MRB document. The differences on the task accomplishment for a specific configuration is defined on the Aircraft Maintenance Manual (AMM).

1.8.1 FUNCTION CODE TABLE

000	REMOVAL
010	Remove, Open for Access
020	Remove Unit/Component, Disconnect, Loosen, Remove Item
040	Deactivate
080	Remove Test/Support Equipment
100	CLEANING
110	Chemical
120	Abrasive
130	Ultrasonic
140	Mechanical
150	Stripping
160	Miscellaneous Cleaning
170	Flushing
200	INSPECTION, CHECK
211	Visual Check
212	General Visual (Surveillance) Inspection
213	External General Visual
214	Internal General Visual
220	Detailed/Dimensional
230	Penetrant
240	Magnetic
250	Eddy Current
260	X-Ray, Holographic
270	Ultrasonic
280	Specific, Special

290	Boroscope
300	REPAIR
310	Welding, Brazing
320	Machining, Reaming, Blending
330	Composite
340	Fiberglass, Plastic, Honeycomb, Epoxy
350	Miscellaneous Repair
360	Leakage Repair
370	Painting
380	Plating
390	Sealing
400	INSTALLATION
410	Install, Close Items Removed, Open for Access
420	Install Unit/Component/Item, Reconnect, Tighten Safely
440	Reactivate
470	Install Test/Support Equipment
500	HANDLING
550	Storage/Return To Service
560	Marshaling/Positioning
570	Engine Ferry, Pod Maintenance
580	Aircraft Handling
600	SERVICING, PRESERVING, LUBRICATING
610	Servicing
620	Preservation
630	Depreserving
640	Lubricating
650	Fueling, Defueling

660	Deicing, Anti-icing
670	Disinfecting, Sanitizing
680	Fluid Draining
700	TESTING, CHECKING
710	Operational
720	Functional
740	BITE
750	Special
760	Electrical
780	Pressure
790	Leak
800-990	MISCELLANEOUS
810	Fault Isolation
820	Adjusting, Aligning, Calibration, Rigging
841	Preparation Procedures
842	Follow-on Procedures to Restore to Normal
870	Bleeding
880	Heating, Cooling
910	Standard Practices
930	Marking
940	Jobset-up/Close-Up
950	Masking
960	Replace
970	Data Recording/ Calculating
980	Manual Operation or Positioning
990	Illustrations, Tables, Etc.

1.9 EFFECTIVITY

This paragraph contains the identification of the aircraft model to which each task is applicable. This information consists of the aircraft certification designation (aircraft model) without considering the aircraft configuration and serial number. The objective of the expression “effectivity” is to define the applicability of each task. The effectivity described here is applicable to all Sections throughout the MRB. The task effectivities are:

- a) ALL, applicable to all models (as defined in 1.4)
- b) EMB-145EU
- c) EMB-145EP
- d) EMB-145ER
- e) EMB-145LR
- f) EMB-145LU
- g) EMB-145MK
- h) EMB-145MP
- j) EMB-145MR
- k) EMB-145 (ALL), applicable to models EMB-145EU, EMB-145EP, EMB-145ER, EMB-145LR, EMB-145LU, EMB-145MR, EMB-145MP, EMB-145MK and EMB-145XR
- l) EMB-135ER
- m) EMB-135LR
- n) EMB-135KE
- p) EMB-135KL
- q) EMB-135 (ALL), applicable to models EMB-135ER, EMB-135LR, EMB-135KE, and EMB-135KL

The table below provides a cross reference between marketing and certification designations.

The Marketing designation is not part of the official model designation.



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In the aircraft marketing designation, "xx" indicates the appropriate model (ER, LR, XR etc).

Aircraft Certification Designation	Aircraft Marketing Designation
EMB-145ER EMB-145EP EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR	ERJ-145xx RJ 145xx
EMB-135ER EMB-135LR	ERJ-135xx RJ 135xx
EMB-135KE EMB-135KL	EMB-140xx ERJ-140xx RJ 140xx

NOTE: The following Certification Designations (EMB-145XR, EMB-145MR, EMB-135KE and EMB-135KL) are models that are not EASA certified and all requirements that are only applicable to these models are not valid for EASA operators. Therefore if the effectivity has any model that is certified by EASA, this note is not applicable.

Service Bulletins: When a task has a note with an applicability reference to a Service Bulletin the SB effectivity must be consulted to verify which aircraft are affected by the task. The following definitions apply:

- PRE-MOD SB: Aircraft that is covered by the Service Bulletin effectivity but do not have the respective modification incorporated.
- POST-MOD SB: Aircraft to which the Service Bulletin modification(s) have been incorporated or which has an equivalent modification factory-incorporated.

NOTE: if an aircraft is not listed in the SB Effectivity, even in the "Aircraft affected" list or in the "In-production effectivity" list, it will be considered as "AIRCRAFT NOT AFFECTED BY SB..." in this document.

1.10 LIST OF TASK INTERVALS APPLICABLE FOR AIRCRAFT WITH ANNUAL UTILIZATION BETWEEN 500 TO 1000 FH PER YEAR

Operators with utilization from 500 FH/YR to 1000 FH/YR shall adjust the Maintenance Program with the instructions and rules stated in this paragraph.

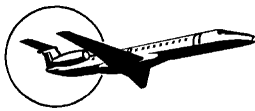
The tasks presented in the table below (already part of the MRB sections) are been presented herein with the respective calendar interval limit that should be followed when the aircraft yearly utilization is between 500 FH and 1000 FH in order to cover the potential degradation in the calendar that may happen for aircraft in this utilization.

REFERENCE NUMBER	INT
21-27-02-640-001-A00	C or 48 MO, whichever occurs first
21-31-08-960-001-A00	3200 FH or 36 MO, whichever occurs first
21-31-08-960-001-A01	1800 FH or 24 MO, whichever occurs first
24-36-01-610-001-A00	500 FH or 6 MO, whichever occurs first
24-36-01-610-001-A02	2000 FH or 24 MO, whichever occurs first
26-14-01-710-001-A00	5000 FH or 48 MO, whichever occurs first
27-11-00-640-001-A00	C or 48 MO, whichever occurs first
27-15-02-640-001-A00	2C or 96 MO, whichever occurs first
27-35-00-640-001-A00	2C or 96 MO, whichever occurs first
27-36-00-710-001-A00	500 FH or 6 MO, whichever occurs first
27-40-03-640-001-A00	5A or 30 MO, whichever occurs first
27-51-00-640-001-A00	2A or 12 MO, whichever occurs first
27-53-00-710-002-A00	A or 6 MO, whichever occurs first
28-12-05-211-001-A00	C or 48 MO, whichever occurs first
28-12-05-710-001-A00	C or 48 MO, whichever occurs first
28-18-05-211-001-A00	C or 48 MO, whichever occurs first
32-34-00-640-001-A00	500 FH or 6 MO, whichever occurs first
32-44-10-640-001-A00	C or 48 MO, whichever occurs first
32-62-00-710-001-A00	A or 6 MO, whichever occurs first



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REFERENCE NUMBER	INT
34-13-00-610-001-A00	2C or 96 MO, whichever occurs first
35-10-00-710-001-A00	C or 48 MO, whichever occurs first
35-10-00-710-001-A01	2350 FH or 36 MO, whichever occurs first
35-21-00-710-003-A00	C or 48 MO, whichever occurs first
52-11-00-640-001-A00	C or 48 MO, whichever occurs first
52-18-00-640-001-A00	C or 48 MO, whichever occurs first
52-21-00-640-001-A00	C or 48 MO, whichever occurs first
52-22-01-640-001-A00	C or 48 MO, whichever occurs first
52-31-00-640-001-A00	C or 48 MO, whichever occurs first
52-43-00-640-001-A00	C or 48 MO, whichever occurs first
52-71-00-710-001-A00	C or 48 MO, whichever occurs first
52-76-00-710-001-A00	C or 48 MO, whichever occurs first
53-21-02-640-001-A00	A or 6 MO, whichever occurs first
53-21-12-640-001-A00	A or 6 MO, whichever occurs first
76-20-00-710-001-A00	5A or 30 MO, whichever occurs first
78-32-00-710-001-A00	2A or 12 MO, whichever occurs first
80-10-02-160-001-A00	2A or 12 MO, whichever occurs first
80-10-02-160-001-A01	C or 48 MO, whichever occurs first



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SECTION 2

ROUTINE INSPECTION REQUIREMENTS

2.1 GENERAL

This section contains all System and Powerplant Routine Inspection Requirements resulting from the MSG-3 analysis. The inspections herein established are a set of routine tasks covering servicing and visual checks of the entire aircraft for general condition. General condition includes checks for placards, structural damage, fluid leakage indications, doors, nacelle interiors, access panels, free drain holes of obstruction, static dischargers for integrity, and cowlings and filler caps in normal position.

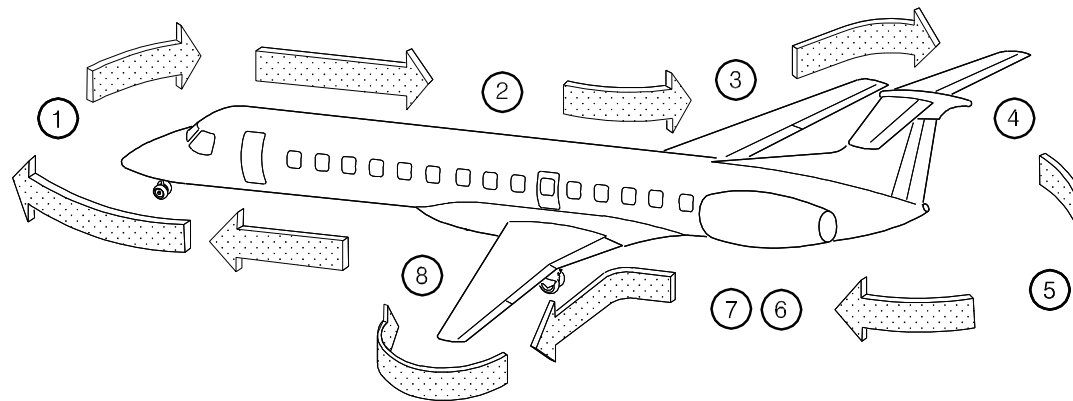
The Routine Inspections should not exceed 100 Flight Hours or 14 calendar days, whichever comes first.

2.2 LIST OF SCHEDULED MAINTENANCE REQUIREMENTS PRESENTATION

The maintenance requirements are presented per aircraft section as below:

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	EFFECTIVITY
32-49-04-610-001-A00	SVC	6	Check NLG Wheel Tire for Inflation Pressure	ALL
a	b	c	d	e

- a - REFERENCE NUMBER - Numbering as defined in 1.8.
- b - TYPE - Type of Tasks as defined in 3.2.
- c - CATEGORY - Task category as defined in 3.1.
- d - DESCRIPTION - Description of the task to be performed.
- e - EFFECTIVITY - Task Effectivity as defined in 1.9.



1. FUSELAGE FORWARD SECTION & NOSE LANDING GEAR
2. FUSELAGE & WING CENTER SECTIONS
3. WING & MAIN LANDING SECTION (RH)
4. NACELLE SECTION (RH)

5. VERTICAL/HORIZONTAL STABILIZER AND TAIL
6. FUSELAGE AFT SECTION
7. NACELLE SECTION (LH)
8. WING & MAIN LANDING GEAR SECTION (LH)

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FUSELAGE FORWARD SECTION & NOSE LANDING GEAR

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	EFFECTIVITY
32-20-01-211-001-A00	VCK	9	Visually Check Nose Landing Gear and Spring Cartridges for Condition and Shock Absorber Extension	ALL
32-33-15-720-001-A00	FNC	8	Functionally Check Landing Gear Accumulator Nitrogen Pre-Charge (Side Hinged Main Door Model only).	ALL
32-49-04-212-001-A00	GVI	6	Inspect (Visual Inspection) NLG Tires for Wear and General Condition	ALL
32-49-05-212-001-A00	GVI	6	Inspect (Visual Inspection) NLG Wheel Assembly	ALL
34-13-00-212-001-A00	GVI	7	Inspect (Visual Inspection) Pitot/Static Ports for Absence of Foreign Matter	ALL
35-10-00-211-001-A00	VCK	7	Check Crew Oxygen Pressure	ALL
35-11-03-211-001-A00	DELETED			

WING & MAIN LANDING GEAR (RH & LH)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	EFFECTIVITY
12-11-03-680-001-A00	SVC	7	Drain Fuel Tanks to Check for the Presence of Water	ALL
27-12-01-212-002-A03	GVI	8	Inspect (Visually Inspect) Aileron PCA Rod Ends/Fitting Lugs For Integrity and General Condition PCA P/N 394900-1007	EMB-145 (ALL)
28-11-00-212-001-A00	DELETED			
28-12-03-212-001-A00	DELETED			
28-20-00-212-001-A00	DELETED			
32-10-00-211-001-A00	DELETED			
32-10-02-211-001-A00	VCK	9	Visually Check MLG Shock Absorber Extension	ALL
32-49-01-212-001-A00	GVI	6	Inspect (Visual Inspection) MLG Tires for Wear and General Condition	ALL
32-49-02-212-001-A00	GVI	6	Inspect (Visual Inspection) MLG Wheel Assembly	ALL
32-49-03-212-001-A00	GVI	6	Inspect (Visual Inspection) Brake Assembly for General Condition	ALL



FUSELAGE AFT SECTION

<i>REFERENCE NUMBER</i>	<i>TYPE</i>	<i>CAT</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
12-13-01-610-001-A00	SVC	7	Hydraulic System Reservoir Fluid Level Check	ALL
32-44-02-610-001-A00	SVC	7	Parking/Emerg Brake Nitrogen Accumulator Pressure Charge	ALL

SECTION 3

SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS

3.1 GENERAL

This section contains all System and Powerplant Inspection Requirements resulting from the MSG-3 analysis. These requirements consist of maintenance tasks and associated intervals developed according to the aircraft certified operating capabilities. Each task has a category classification following the MSG-3 logic for the related MSI failure effects.

<i>CATEGORY</i>	<i>TASK CLASSIFICATION</i>
5	Evident Safety
6	Evident Operational
7	Evident Economic
8	Hidden Safety
9	Hidden Non-Safety

All MSG-3 analyses of MSIs considered the failures evidenced in the related System Safety Assessments. A list of the MSIs for which no tasks were generated during the MSG-3 analysis is provided in Appendix 3.

3.2 TYPES OF TASKS

The MSG-3 resulting tasks are established to prevent deterioration of the levels of the inherent safety and reliability of the equipment. Specific criteria for applicability and effectiveness lead to the following task definitions:

<i>TASK</i>	<i>DEFINITION</i>
Lubrication (LUB) or Servicing (SVC)	Any act of lubricating or servicing for the purpose of maintaining the inherent design capabilities.
Operational (OPC) or Visual Check (VCK)	A task or observation to determine that an item is fulfilling its intended purpose. Does not require quantitative tolerances. This is a failure-finding task.

<i>TASK</i>	<i>DEFINITION</i>
Inspection (GVI, DET, or SDI) or Functional Check (FNC)	GVI - A visual examination of an interior or exterior area, installation, or assembly to detect obvious damage, failure, or irregularity. This level of inspection is made from within touching distance unless otherwise specified. A mirror may be necessary to enhance visual access to all exposed surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight, or droplight and may require removal or opening access panels or doors. Stands, ladders, or platforms may be required to gain proximity to the area being checked. DET - An intensive examination of a specific item, installation, or assembly to detect damage, failure or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate. Inspection aids such as mirrors, magnifying lenses, or other means may be necessary. Surface cleaning and elaborate access procedures may be required. A DET can be more than just a visual inspection, since it may include tactile assessment in which a component or assembly is checked for tightness/security. It may require the removal of items such as access panels and drip shields, or the moving of components. SDI - An intensive examination of a specific item(s), installation, or assembly to detect damage, failure or irregularity. The examination is likely to make extensive use of specialized inspection techniques and/or equipment. Intricate cleaning and substantial access or disassembly procedure may be required. FNC - A quantitative check to determine if one or more functions of an item performs within specified limits.
Restoration (RST)	That work (on/off the aircraft) necessary to return the item to a specific standard.
Discard (DIS)	The removal from service of an item at a specified life limit.

3.3 INTERVALS

The intervals are given in elapsed hours (hours), in Flight Hours (FH), Flight Cycles (FC), Engine Cycles (EC), APU Operating Hours (AH), or Calendar Times when appropriate. Also, the intervals are given in letter checks and their multiples according to the table below.

<i>INTERVAL CODE</i>	<i>INTERVALS (FH)</i>
A (Intermediate)	500
C (Basic)	5000

Whenever a task has dual frequencies, it must be accomplished at whichever period occurs first.

3.4 CHANGES TO THE MAINTENANCE REQUIREMENTS

Originally, the maintenance requirement intervals were mainly based on the anticipated reliability. The in-service reliability has to be constantly monitored and reported to the relevant Regulatory Authority according to the relevant regulations such as FAR/RBHA/ JAR 121.373.

The interval escalation must be controlled pursuant to normal procedures required by the relevant Regulatory Authority. Such changes are normally predicated on adequate evidence and accumulated experience.

Tasks identified as category 5 and 8 must not be deleted, except with the concurrence of the manufacturer and approval of the relevant Regulatory Authority.

3.5 POWERPLANT AND APU RULES

The MSG-3 logic was used to establish the initial minimum on-aircraft maintenance requirements for the AE 3007A models (AE3007A, AE3007A1, AE3007A1/1, AE3007A1/2, AE3007A1/3, AE3007A1P, AE3007A1E, AE3007A3) of engine when installed on the EMB-145/135 aircraft. This program establishes the minimum maintenance requirements that an operator may use to develop his own initial maintenance program. For Rolls-Royce recommended maintenance/inspections related to this engine, the latest revision of the AE 3007A Maintenance Manual (P/N CSP 34022), should be consulted:

In addition to the initial minimum maintenance requirements established by this program, the operator may monitor engine operation and health through information obtained from:

Cockpit (EICAS) Engine Instrumentation

Cockpit (EICAS) Messages

Cockpit (MFD) Maintenance Messages

Aircraft (CMC) Maintenance Data

Engine Trend Monitoring chart analysis

This program also includes the APU periodic inspection requirements specified by Sundstrand. For intervals related to these items, the Sundstrand publications, in their latest revision, listed in Appendix 6, may be consulted as reference.

The MSG-3 logic was used to develop an initial minimum on-aircraft APU maintenance requirements. This process establishes the minimum maintenance requirements that an operator may use to develop their own initial maintenance program. For Hamilton Sundstrand recommended

maintenance/inspection items related to this APU, the latest revisions of Hamilton Sundstrand publications, APU 500 model (P/N 4501966) and APU 500R model (P/N 4504112), should be consulted.

3.6 SAMPLING PROGRAMS

3.6.1 LANDING GEAR RULES

A specific sampling program was established, as defined by SB 145-32-0019 and SB 145-32-0020, in order to investigate possible types of damage and failures that may not be detected by the detailed inspections defined in the Structural and System Programs due to the poor accessibility of certain areas. Twelve samples are forecasted to be analyzed before reaching the estimated landing gear restoration interval of 20000 landings or 144 months.

3.6.2 HIRF PROTECTION RULES

A Specific Sampling Program for HIRF Protection was established according to SB 145-00-0003, with the objective to investigate possible degradation of the HIRF protection features due to the aircraft aging and operation in adverse environments. The results of the sampling will determine the final inspection requirements and intervals and, if necessary, the corrective action to improve the HIRF protection. The visual inspection of the HIRF protection also included in the zonal inspection program to verify backshells for looseness, condition of shield termination at tag-rings, strain relief condition, and presence of corrosion.

Thirty samples are forecasted to be analyzed before defining the maintenance requirements.

3.7 THRESHOLD INSPECTIONS

EMBRAER or any supplier may recommend threshold inspections in the event that late development or early in-service experience dictates the need to examine specific components. If this is necessary, then direct negotiations between the applicable operators and the manufacturer will be necessary. The results of these inspections are to be made available by the manufacturer to other operators as well as to the Regulatory Authorities.

3.8 EWIS TASKS

Tasks with the note "EWIS" (Electrical Wiring Interconnection System) are the scheduled maintenance requirements defined following the Instructions for Continuous Airworthiness using an Enhanced Zonal Analysis Procedure (EZAP). Those requirements are included in Section 3 - System & Powerplant Inspection Requirements (ATA chapter 20) and Section 6 - Zonal Inspection Requirements. For EWIS definition refer to APPENDIX 5 - GLOSSARY, ABBREVIATIONS AND ACRONYMS.

3.9 LIST OF SCHEDULED MAINTENANCE REQUIREMENTS PRESENTATION.

The maintenance requirements are presented per chapter as below:

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
21-25-00-710-001-A00	OPC	9	Operationally Check Ram Air Distribution	C	ALL
a	b	c	d	e	f

a - REFERENCE NUMBER - Numbering as defined in 1.8

b - TYPE - Task type as defined in 3.2

c - CATEGORY - Task category as defined in 3.1.

d - DESCRIPTION - Description of the task to be performed.

e - INTERVAL - Task interval as defined in 3.3

f - EFFECTIVITY - Task effectivity as defined in 1.9.

3.10 LIST OF MAINTENANCE SIGNIFICANT ITEMS (MSIs) THAT HAVE TASKS ASSOCIATED

MSI No.	MSI DESCRIPTION
21-20	DISTRIBUTION
21-21	COCKPIT DISTRIBUTION
21-22	PASSENGER CABIN DISTRIBUTION
21-23	GASPER
21-24	RECIRCULATION
21-25	RAM AIR DISTRIBUTION
21-26	ELECTRONIC BAY VENTILATION SYSTEM
21-27	BAGGAGE COMPARTMENT VENTILATION SYSTEM
21-31	PRESSURIZATION CONTROL

MSI No.	MSI DESCRIPTION
21-51	COOLING PACK SYSTEM
21-60	TEMPERATURE CONTROL
22-11	AUTOMATIC FLIGHT CONTROL SYSTEM
23-51	AUDIO SYSTEM
23-60	STATIC DISCHARGE
23-71	VOICE RECORDING
24-31	MAIN GENERATION
24-34	APU GENERATION
24-35	BACK-UP BATTERY SYSTEM
24-36	MAIN BATTERY SYSTEM

MSI No.	MSI DESCRIPTION
24-40	EXTERNAL POWER
24-54	PC POWER
24-60	DC DISTRIBUTION
25-11	COCKPIT SEATS
25-21	PASSENGER CABIN SEATS
25-60	EMERGENCY
25-61	EMERGENCY LOCATOR TRANSMITTER
25-63	PORTABLE EMERGENCY LOCATOR TRANSMITTER SYSTEM
26-14	LAVATORY SMOKE DETECTION SYSTEM
26-15	BAGGAGE SMOKE DETECTION SYSTEM
26-21	ENGINE FIRE EXTINGUISHING SYSTEM
26-22	APU FIRE EXTINGUISHING SYSTEM
26-23	CLASS "C" BAGGAGE COMPARTMENT FIRE EXTINGUISHING
26-24	PORTABLE FIRE EXTINGUISHING SYSTEM
26-25	LAVATORY AUTO DISCHARGE FIRE EXTINGUISHING SYSTEM
27-11	AILERON PRIMARY MECHANICAL CONTROL
27-12	AILERON HYDRAULIC ACTUATION
27-13	AILERON ELECTRIC
27-14	ROLL TRIM
27-15	AILERON DISCONNECT
27-21	RUDDER PRIMARY MECHANICAL CONTROL

MSI No.	MSI DESCRIPTION
27-22	RUDDER HYDRAULIC ACTUATION
27-23	RUDDER ELECTRIC
27-31	ELEVATOR PRIMARY MECHANICAL CONTROL
27-35	ELEVATOR DISCONNECT
27-36	STALL PROTECTION SYSTEM
27-40	HORIZONTAL STABILIZER
27-51	FLAP MECHANICAL
27-53	FLAPS ELECTRIC / ELECTRONIC
27-62	SPOILERS HYDRAULIC ACTUATION
27-63	SPOILER ELECTRIC/ELECTRONIC
27-70	GUST LOCK
27-71	ELECTROMECHANICAL GUST LOCK SYSTEM
28-11	FUEL TANKS
28-12	TANK VENT
28-17	VENTRAL FUEL TANK
28-18	VENTRAL FUEL TANK VENT SYSTEM
28-21	ENGINE FEED SYSTEM
28-22	APU FEED SYSTEM
28-27	VENTRAL FUEL TANK TRANSFER SYSTEM
28-41	ELECTRICAL FUEL QUANTITY INDICATING
28-43	FUEL TEMPERATURE INDICATION
28-44	FUEL LOW LEVEL WARNING



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MSI No.	MSI DESCRIPTION
28-45	FUEL LOW PRESSURE WARNING
28-50	FUEL TANK IGNITION PROTECTION SYSTEM
29-10	HYDRAULIC POWER SYSTEM
29-30	INDICATING
30-11	WING THERMAL ANTI-ICING SYSTEM
30-12	HORIZONTAL STABILIZER THERMAL ANTI-ICING SYSTEM
30-20	AIR INTAKES
30-21	ENGINE THERMAL ANTI-ICING SYSTEM
30-31	PITOT/STATIC & PRESSURIZATION STATIC PORT HEATING
30-32	AOA SENSOR HEATING
30-33	TAT SENSOR HEATING
30-41	WINDSHIELD WIPER SYSTEM
30-42	WINDSHIELD HEATING SYSTEM
30-43	WINDSHIELD RAIN REPELLENT COATING
30-80	ICE DETECTOR SYSTEM
31-21	CLOCK
31-31	FLIGHT DATA RECORDER
31-41	EICAS
32-10	MAIN LANDING GEAR AND DOORS
32-20	NOSE LANDING GEAR AND DOORS
32-32	LG EXTENSION AND RETRACTION (ELECTRICAL)

MSI No.	MSI DESCRIPTION
32-33	LG EXTENSION AND RETRACTION (HYDRAULIC)
32-34	LG EMERGENCY EXTENSION
32-41	MAIN BRAKE SYSTEM
32-44	EMERGENCY / PARKING BRAKE SYSTEM
32-49	BRAKES, WHEELS AND TIRES
32-50	STEERING
32-62	LG WARNING SYSTEM
32-63	AIR/GROUND SYSTEM
33-47	ANTICOLLISION LIGHTS
33-50	EMERGENCY LIGHTING
33-51	FLASHLIGHT SYSTEM
34-01	INTEGRATED STANDBY INSTRUMENT SYSTEM (ISIS)
34-11	STANDBY ALTIMETER
34-12	STANDBY AIRSPEED
34-13	PITOT-STATIC SYSTEM
34-15	ADC SYSTEM
34-21	ATTITUDE AND HEADING REFERENCE SYSTEM (AHRS)
34-22	ELECTRONIC FLIGHT INSTRUMENT SYSTEM
34-25	STANDBY MAGNETIC COMPASS
34-41	ENHANCED GPWS & GPWS & WINDSHEAR
34-52	TRANSPONDER

MSI No.	MSI DESCRIPTION
35-10	CREW OXYGEN
35-11	CONTROL/INDICATING
35-20	PASSENGER OXYGEN
35-21	PASSENGER OXYGEN FIXED GASEOUS SYSTEM
35-30	PORTABLE OXYGEN
36-10	DISTRIBUTION
36-11	ENGINE PNEUMATIC BLEED
36-12	APU PNEUMATIC BLEED
36-20	INDICATING
38-32	TOILET ASSY
45-45	CENTRAL MAINTENANCE COMPUTER
49-12	APU MOUNTS
49-16	APU AIR INTAKE
49-17	APU DRAINS
49-20	APU ENGINE (SUNDSTRAND)
49-31	APU FUEL SYSTEM (SUNDSTRAND)
49-41	APU IGNITION (SUNDSTRAND)
49-52	APU COOLING
49-61	APU CONTROL SYSTEM
49-62	APU EMERGENCY SHUTDOWN
49-91	OIL SYSTEM
52-11	MAIN DOOR ACTUATING AND LOCKING MECHANISM

MSI No.	MSI DESCRIPTION
52-12	MAIN DOOR HYDRAULIC ACTUATION
52-14	MAIN DOOR DRAINING SYSTEM
52-18	SIDE-HINGED MAIN DOOR MECHANISM
52-21	PASSENGER CABIN ESCAPE HATCHES
52-22	COCKPIT ESCAPE HATCHES
52-31	BAGGAGE DOOR ACTUATING AND LOCKING MECHANISM
52-32	BAGGAGE DOOR LIFTING AND LOWERING MECHANISM
52-43	SERVICE DOOR MECHANISM
52-44	REAR ELECTRONIC COMPARTMENT DOOR
52-71	FWD ELECTRONIC COMPARTMENT DOOR WARNING
52-72	RIGGING DOOR WARNING
52-73	MAIN DOOR WARNING
52-74	SERVICE DOOR WARNING
52-75	EMERGENCY EXITS WARNING
52-76	BAGGAGE DOOR WARNING
52-77	REAR ELECTRONIC COMPARTMENT DOOR WARNING
71-10	COWLING
71-20	ENGINE MOUNTS ASSY
71-52	ENGINE BONDING STRAPS ASSY
71-60	AIR INTAKE ASSY
71-71	ENGINE DRAIN ASSY



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MSI No.	MSI DESCRIPTION
72-21	FAN WHEEL ASSEMBLY
72-35	COMPRESSOR ROTOR ASSEMBLY
72-52	HIGH PRESSURE TURBINE (HPT) ROTOR ASSEMBLY
72-58	LOW PRESSURE TURBINE (LPT) ROTOR ASSY
72-63	ACCESSORY DRIVE GEARBOX ASSY
72-73	OUTER BYPASS DUCT AND REAR SUPPORT ASSY
73-11	PRIMARY DISTRIBUTION SYSTEM
73-13	PRIMARY SYSTEM PLUMBING
73-21	FUEL PUMP AND METERING UNIT, TYPE FPMU 105
73-22	FADEC
74-21	DISTRIBUTION SYSTEM
74-30	SWITCHING
76-11	THRUST CONTROL (MECHANICAL) SYSTEM
76-12	ELECTRONIC CONTROL SYSTEM
76-13	FLIGHT IDLE STOP SYSTEM
76-20	EMERGENCY SHUTDOWN
77-21	ENGINE INDICATING SYSTEM
78-10	PLAIN EXHAUST NOZZLE
78-31	THRUST REVERSER STRUCTURE
78-32	THRUST REVERSER ACTUATION
78-33	THRUST REVERSER CONTROL
78-34	THRUST REVERSER INDICATING (INS/EMB)

MSI No.	MSI DESCRIPTION
79-23	UNIT ASSY, OIL FILTER
79-25	OIL COOLING / HEATING
79-27	OIL PLUMBING
79-34	MAGNETIC CHIP DETECTOR WARNING
79-37	OIL QUALITY
80-10	CRANKING

3.11 LIST OF INSPECTIONS THAT WERE TRANSFERRED FROM SYSTEM & POWERPLANT INSPECTION PROGRAM TO ZONAL INSPECTION PROGRAM

SYSTEM AND POWERPLANT INSPECTION PROGRAM			ZONAL PROGRAM
REFERENCE NUMBER	DESCRIPTION	CATEGORY	REFERENCE NUMBER
21-21-02-212-001-A00	Perform a General Visual Inspection of Air Conditioning System Outlets	7	53-Z123-214-001-A00
21-21-03-212-001-A00	Perform a General Visual Inspection of Air Conditioning System Ducts	7	
21-22-05-212-001-A00	Perform a General Visual Inspection of Air Conditioning System Ducts	7	53-Z131-214-001-A00 53-Z141-214-001-A00 53-Z151-214-001-A00 53-Z151-214-002-A00 53-Z161-214-001-A00 53-Z171-214-001-A00
21-23-04-212-001-A00	Perform a General Visual Inspection of Inlet Muffler Screen for Obstruction	7	53-Z151-214-001-A00 53-Z151-214-002-A00
21-24-02-212-001-A00	Perform a General Visual Inspection of Inlet Muffler Screen for Obstruction	7	53-Z161-214-001-A00
26-21-06-212-001-A00	Perform a General Visual Inspection of Discharge Piping for Cracks, Bent and Loose Fittings	9	71-Z411-214-001-A00
26-22-04-212-001-A00	Perform a General Visual Inspection of APU Discharge Piping for Cracks, Bent or Loose Fittings	9	53-Z313-214-001-A00
26-23-05-212-001-A00	DELETED FROM TABLE		
27-11-00-212-001-A00	Perform a General Visual Inspection of Aileron Primary Mechanical Control from Control Wheel to Aileron PCAs, Checking Cables, Pulleys, NRUs, Quadrants, Disconnect System and Mechanical Links Between PCA and Control Surfaces	6	53-Z123-214-001-A00 53-Z131-214-001-A00 53-Z141-214-001-A00 57-Z573-214-001-A00
27-21-01-212-001-A00	Perform a General Visual Inspection of Mechanical Linkage in the Autopilot Tie-In	9	53-Z171-214-001-A00



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SYSTEM AND POWERPLANT INSPECTION PROGRAM			ZONAL PROGRAM
REFERENCE NUMBER	DESCRIPTION	CATEGORY	REFERENCE NUMBER
27-21-01-212-002-A00	Perform a General Visual Inspection of Main Control Input Path	9	53-Z123-214-001-A00 53-Z131-214-001-A00 53-Z141-214-001-A00 53-Z151-214-001-A00 53-Z151-214-002-A00 53-Z157-214-001-A00 53-Z161-214-001-A00 53-Z171-214-001-A00 53-Z273-214-001-A00 DELETED 53-Z311-214-001-A00
27-21-04-212-001-A00	Perform a General Visual Inspection of Trailing Rudder Connecting Rods	6	55-Z326-214-001-A00
27-31-01-212-001-A00	Perform a General Visual Inspection of Elevator Disconnect System	6	53-Z123-214-001-A00
27-31-01-212-002-A00	Perform a General Visual Inspection of Stick Pusher Actuator Mechanical Linkage to FWD Quadrant	6	53-Z123-214-001-A00
27-31-01-212-003-A00	Perform a General Visual Inspection of Elevator Control Cables	6	53-Z123-214-001-A00 53-Z131-214-001-A00 53-Z141-214-001-A00 53-Z151-214-001-A00 53-Z151-214-002-A00 53-Z157-214-001-A00 53-Z161-214-001-A00 53-Z171-214-001-A00 55-Z324-214-001-A00
27-62-00-212-001-A00	Perform a General Visual Inspection of Spoilers Surface Hinge Points	6	57-Z5712-214-001-A00
27-70-00-212-001-A00	Perform a General Visual Inspection of Gust Lock System	9	53-Z123-214-001-A00
27-70-01-212-001-A00	Perform a General Visual Inspection of Connecting Rod 1	9	53-Z123-214-001-A00
27-70-02-211-001-A00	Visually Check Tension Spring	9	53-Z123-214-001-A00
28-11-05-212-001-A00	Perform a General Visual Inspection of Fuel Filler Cap Seal for Condition	9	57-Z541-214-001-A00

SYSTEM AND POWERPLANT INSPECTION PROGRAM			ZONAL PROGRAM
REFERENCE NUMBER	DESCRIPTION	CATEGORY	REFERENCE NUMBER
28-12-02-212-001-A00	Perform a General Visual Inspection of Tank Vent plumbing for Looseness Fitting	9	57-Z531-214-001-A00
28-21-02-212-001-A00	Perform a General Visual Inspection of Ejector Pump for Integrity and that the Screen and Nozzle are not Closed	9	57-Z531-214-001-A00
28-21-09-212-001-A00	Perform a General Visual Inspection of Motive Fuel Supply Line for Leakage	9	57-Z531-214-001-A00
29-10-17-212-001-A00	Perform a General Visual Inspection of Tubing	9	53-Z123-214-001-A00 53-Z131-214-001-A00 53-Z141-214-001-A00 53-Z151-214-001-A00 53-Z151-214-002-A00 53-Z161-214-001-A00 53-Z171-214-001-A00 53-Z191-214-001-A00
32-20-05-212-001-A00	Perform a General Visual Inspection of Door	6	32-Z711-213-001-A00
32-33-00-212-001-A00	Perform a General Visual Inspection of LG Extension and Retraction System Components	6	32-Z711-213-001-A00 32-Z721-213-001-A00
36-11-09-212-001-A00	Perform a General Visual Inspection of Duct Lines	9	53-Z151-214-001-A00 53-Z151-214-002-A00 53-Z161-214-001-A00 53-Z171-214-001-A00 53-Z311-214-001-A00 55-Z324-214-001-A00
36-11-13-212-001-A00	Perform a General Visual Inspection of Servo Lines	6	53-Z171-214-001-A00 53-Z271-214-002-A00 54-Z414-214-001-A00
49-12-02-212-001-A00	Perform a General Visual Inspection of APU Elastomeric Mounts	9	53-Z313-214-001-A00
49-16-01-212-001-A00	Perform a General Visual Inspection of APU Inlet Silencer Felt Metal and APU Inlet Silencer	9	53-Z313-214-001-A00
49-16-02-212-001-A00	Perform a General Visual Inspection of APU Air Inlet Duct Assy (Duct, Screen and Seal)	6	53-Z313-214-001-A00



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SYSTEM AND POWERPLANT INSPECTION PROGRAM			ZONAL PROGRAM
REFERENCE NUMBER	DESCRIPTION	CATEGORY	REFERENCE NUMBER
49-20-60-212-001-A00	Perform a General Visual Inspection of APU Air Inlet Duct Assy	9	53-Z313-214-001-A00
49-41-01-212-001-A00	Perform a General Visual Inspection of Ignition Cable	9	53-Z313-214-001-A00
49-52-01-212-001-A00	Perform a General Visual Inspection of APU Compartment Cooling Air Intake	9	53-Z313-214-001-A00
49-61-04-212-001-A00	Perform a General Visual Inspection of Engine Harness	6	53-Z313-214-001-A00
49-81-01-212-001-A00	Perform a General Visual Inspection of APU Exhaust Silencer and Liner Assembly	9	53-Z313-214-001-A00
52-11-00-212-001-A00	Perform a General Visual Inspection of Main Door Actuating and Locking Mechanism	6	52-Z811-214-001-A00
52-18-00-212-001-A00	Perform a General Visual Inspection of Main Door Actuating Mechanism	6	52-Z811-214-001-A00
52-18-03-212-001-A00	Perform a General Visual Inspection of Latching Mechanism and Actuation Path	6	52-Z811-214-001-A00
52-18-04-212-001-A00	Perform a General Visual Inspection of Locking Mechanism and Actuation Path	6	52-Z811-214-001-A00
52-18-05-212-001-A00	Perform a General Visual Inspection of Pivoting Mechanism	6	52-Z811-214-002-A00
52-31-00-212-001-A00	Perform a General Visual Inspection of Baggage Door Actuating and Locking Mechanism	6	52-Z813-214-001-A00
52-43-00-212-001-A00	Perform a General Visual Inspection of Service Door Locking, Spring and Pivoting Mechanism	6	52-Z821-214-001-A00
71-10-00-212-001-A00	Perform a General Visual Inspection of Cowling Aerodynamic Surfaces for Condition and Security	9	71-Z411-214-001-A00
71-10-00-212-002-A00	Perform a General Visual Inspection of the Cowling Pressure Relief Door for Condition and Security	9	71-Z411-214-001-A00
71-52-01-212-001-A00	Perform a General Visual Inspection of Engine Bonding Straps for General Condition and Security	9	71-Z411-214-001-A00
71-60-01-212-001-A00	Perform a General Visual Inspection of the Air Intake Aerodynamic Surfaces for Condition and Security	9	71-Z411-214-001-A00

SYSTEM AND POWERPLANT INSPECTION PROGRAM			ZONAL PROGRAM
REFERENCE NUMBER	DESCRIPTION	CATEGORY	REFERENCE NUMBER
71-71-00-212-001-A00	Perform a General Visual Inspection of Engine Drain Assy for Security/ Cracks	9	71-Z411-214-001-A00
72-21-00-212-001-A00	Perform a General Visual Inspection on the Fan Assy	6	71-Z411-213-001-A00
72-21-03-212-001-A00	Perform a General Visual Inspection on the Fan Blades	6	71-Z411-213-001-A00
72-63-01-212-001-A00	Perform a General Visual Inspection on the Accessory Drive Gearbox Assy	6	71-Z411-214-001-A00
72-73-00-212-001-A00	Perform a General Visual Inspection on the Outer Bypass Duct and Rear Support Assy	9	71-Z411-214-001-A00
73-13-00-212-001-A00	Perform a General Visual Inspection on the Primary System Plumbing	6	71-Z411-214-001-A00
74-30-02-212-001-A00	Perform a General Visual Inspection of Electrical Harness for Condition and Chafing	6	71-Z411-214-001-A00
76-11-00-212-001-A00	Perform a General Visual Inspection on the Engine Control Harness	9	71-Z411-214-001-A00
77-21-00-212-001-A00	Perform a General Visual Inspection on the Harness	9	71-Z411-214-001-A00
78-10-01-212-001-A00	GVI on the plain exhaust assy to detect damage failure or irregularities	9	78-Z416-214-001-A00
78-31-00-212-001-A00	GVI on the thruster reverser structure to detect damage, failure, or irregularities	9	78-Z416-214-001-A00
79-25-00-211-001-A00	Perform a General Visual Inspection on the Fuel Cooled Oil Cooler Assy (FCOC)	9	71-Z411-214-001-A00
79-25-02-211-001-A00	Visually Check Fuel Cooled Assembly (FCOC)	9	71-Z411-214-001-A00
80-10-00-212-001-A00	Perform a General Visual Inspection on the Ducts for Cracks and General Condition	6	71-Z411-214-001-A00



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3.12 LIST OF SYSTEMS AND POWERPLANT TASKS

CHAPTER 20 - STANDARD PRACTICES - AIRFRAME

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
20-00-00-140-001-A00	RST	-	Clean Center Fuselage III Lower Side including wiring, lines and omega beams (Zones: 151, 152, 153, 154, 155, 156). <u>NOTE:</u> EWIS	2C	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
20-00-00-140-002-A00	RST	-	Clean Center Fuselage III Lower Side including wiring, lines and omega beams (Zones: 151, 152, 153, 154, 155, 156, 157). <u>NOTE:</u> EWIS	2C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
20-00-00-140-003-A00	RST	-	Clean Center Fuselage IV Lower Side including wiring, lines and omega beams (Zones: 161, 162). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-140-004-A00	RST	-	Clean Center Fuselage IV Upper Side surrounding ELT unit (Zones: 262, 264). <u>NOTE:</u> EWIS	4C	ALL
20-00-00-140-005-A00	RST	-	Clean Rear Fuselage I Lower Side, including wiring and lines (Zones: 171, 172). <u>NOTE:</u> EWIS	C	ALL
20-00-00-140-006-A00	RST	-	Clean Rear Fuselage I Lateral Side, including electronic rear compartment wiring (Zones: 271, 272). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-140-007-A00	RST	-	Clean Center Fuselage II Lower Side including wiring, lines and omega beams (Zones: 141, 142). <u>NOTE:</u> EWIS	2C	ALL

CHAPTER 20 - STANDARD PRACTICES - AIRFRAME (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
20-00-00-140-008-A00	RST	-	Clean Center Fuselage I Lower Side including wiring, lines and omega beams (Zones: 131, 132). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-140-009-A00	RST	-	Clean NLG & FWD Electronic Compartments, FWD Pressure Bulkhead Upper Side (Zones: 113, 114, 213, 214, 215, 216). <u>NOTE:</u> EWIS	4C	ALL
20-00-00-140-010-A00	RST	-	Clean Cockpit Lateral Side and FWD Pressure Bulkhead Upper Side (Zones: 221, 222, 223, 224). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-140-011-A00	RST	-	Clean Cockpit Lower Side and FWD Pressure Bulkhead Lower Side (Zones: 121, 122, 123, 124). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-212-001-A00	GVI	-	Inspect (General Visual) Center Fuselage III Lower Side - EWIS Components of APU and Engines Generators Power cables, Hydraulic Pumps Power cables and wiring bundles (Zones: 151, 152, 153, 154, 155, 156). <u>NOTE:</u> EWIS	2C	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
20-00-00-212-002-A00	GVI	-	Inspect (General Visual) Center Fuselage III Lower Side - EWIS Components of APU and Engines Generators Power cables, Hydraulic Pumps Power cables and wiring bundles (Zones: 151, 152, 153, 154, 155, 156, 157). <u>NOTE:</u> EWIS	2C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
20-00-00-212-003-A00	GVI	-	Inspect (General Visual) Center Fuselage IV Lower Side - EWIS Components of APU and Engines Generators Power cables, Hydraulic Pumps Power cables and wiring bundles (Zones: 161, 162). <u>NOTE:</u> EWIS	2C	ALL

CHAPTER 20 - STANDARD PRACTICES - AIRFRAME (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
20-00-00-212-004-A00	GVI	-	Inspect (General Visual) Rear Fuselage I Lower Side - EWIS Components of APU and Engines Generators Power cables and wiring bundles (Zones: 171, 172 / Task applicable to Baggage Compartment Class D). <u>NOTE:</u> EWIS	C	ALL
20-00-00-212-005-A00	GVI	-	Inspect (General Visual) Rear Fuselage I Lateral Side - EWIS Components of Engines Generators Power cables and wiring bundles (Zones: 271, 272 / Task applicable to Baggage Compartment Class D). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-212-006-A00	GVI	-	Inspect (General Visual) Rear Fuselage I Upper Side - EWIS Components of wiring bundles (Zones: 273, 274 / Task applicable to Baggage Compartment Class D). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-212-007-A00	GVI	-	Inspect (General Visual) Rear Fuselage I, Pressure Bulkhead Pressurized area side - EWIS Components of APU Power Cables and wiring bundles (Zones: 275, 276). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-212-008-A00	GVI	-	Inspect (General Visual) Rear Fuselage II, Structural area aft of rear pressure bulkhead - EWIS Components of Power cables and wiring bundles (Zones: 311, 312). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-212-009-A00	GVI	-	Inspect (General Visual) Wing-to-fuselage attachment fairings - EWIS Components of wiring bundles (Zones: 191, 192, 193, 194, 195). <u>NOTE:</u> EWIS	2C	EMB-145EU EMB-145EP EMB-145ER EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135KE

CHAPTER 20 - STANDARD PRACTICES - AIRFRAME (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
20-00-00-212-010-A00	GVI	-	Inspect (General Visual) Wing-to-fuselage attachment fairings - EWIS Components of wiring bundles (Zones: 191, 193, 194, 195). <u>NOTE:</u> EWIS	2C	EMB-145LR EMB-145LU EMB-135LR EMB-135KL
20-00-00-212-011-A00	GVI	-	Inspect (General Visual) Wing-to-fuselage attachment fairings - XR model - EWIS Components of wiring bundles (Zones: 191, 193, 194, 195, 197, 198). <u>NOTE:</u> EWIS	2C	EMB-145XR
20-00-00-212-012-A00	GVI	-	Inspect (General Visual) NLG Electronic Compartment - EWIS Components of wiring bundles (Zones: 113, 114). <u>NOTE:</u> EWIS	4C	ALL
20-00-00-212-013-A00	GVI	-	Inspect (General Visual) Engine Pylon - EWIS Components of Engines Generators Power cables and wiring bundles (Zones: 414, 424). <u>NOTE:</u> EWIS	C	ALL
20-00-00-212-014-A00	GVI	-	Inspect (General Visual) Engines - EWIS Components of Engines Generators Power cables (Zones: 415, 425). <u>NOTE:</u> EWIS	C	ALL
20-00-00-220-001-A00	DET	-	Inspect (Detailed Inspection) - EWIS Components of Wing Tank Unit Harness (Zones: 155, 156, 157, 531, 631, 541, 641). <u>NOTE:</u> EWIS	2C	EMB-145LR EMB-145LU EMB-145XR EMB-135LR EMB-135KL
20-00-00-220-002-A00	DET	-	Inspect (Detailed Inspection) - EWIS Components of Wing Tank Unit Harness (Zones: 531, 631, 541, 641). <u>NOTE:</u> EWIS	2C	EMB-145EU EMB-145EP EMB-145ER EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135KE

CHAPTER 20 - STANDARD PRACTICES - AIRFRAME (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
20-00-00-220-003-A00	DET	-	Inspect (Detailed Inspection) - Electric Fuel Pump Connector (Zones: 155, 156, 157). <u>NOTE:</u> EWIS	2C	EMB-145LR EMB-145LU EMB-145XR EMB-135LR EMB-135KL
20-00-00-220-004-A00	DET	-	Inspect (Detailed Inspection) - Electric Fuel Pump Connector (Zones: 531, 631). <u>NOTE:</u> EWIS	2C	EMB-145EU EMB-145EP EMB-145ER EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135KE
20-00-00-220-005-A00	DET	-	Inspect (Detailed Inspection) Ventral Fuel Tank - Electric Fuel Transfer Pump Connector (Zone: 196). <u>NOTE:</u> EWIS	2C	EMB-145XR
20-00-00-220-006-A00	DET	-	Inspect (Detailed Inspection) Ventral Fuel Tank - EWIS Components of Ventral Tank Unit Harness (Zone: 196). <u>NOTE:</u> EWIS	4C	EMB-145XR
20-00-00-220-007-A00	DET	-	Inspect (Detailed Inspection) Wing Middle Section - EWIS Components of Pilot Valve harness inside the conduit (Zones: 541, 641). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-220-008-A00	DET	-	Inspect (Detailed Inspection) Wing Middle Section - EWIS Components of Vent Valve harness inside the conduit (Zones: 541, 641). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-220-009-A00	DET	-	Inspect (Detailed Inspection) FWD Electronic Compartment/FWD Pressure Bulkhead Upper Side - EWIS Components of wiring bundles (Zones: 213, 214, 215, 216). <u>NOTE:</u> EWIS	4C	ALL

CHAPTER 20 - STANDARD PRACTICES - AIRFRAME (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
20-00-00-220-010-A00	DET	-	Inspect (Detailed Inspection) Cockpit Lower Side - EWIS Components of Power cables (Zones: 123, 124). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-220-011-A00	DET	-	Inspect (Detailed Inspection) Cockpit Lateral Side - EWIS Components of Power cables (Zones: 223, 224). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-220-012-A00	DET	-	Inspect (Detailed Inspection) Center Fuselage I Lower Side - EWIS Components of APU and Engines Generators Power cables, Hydraulic Pumps Power cables and wiring bundles (Zones: 131, 132). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-220-013-A00	DET	-	Inspect (Detailed Inspection) Center Fuselage II Lower Side - EWIS Components of APU and Engines Generators Power cables, Hydraulic Pumps Power cables and wiring bundles (Zones: 141, 142). <u>NOTE:</u> EWIS	2C	ALL
20-00-00-220-014-A00	DET	-	Inspect (Detailed Inspection) Forward Fuselage II - EWIS Components of Relay Support Panels wiring bundles (Zones: 223, 224). <u>NOTE:</u> EWIS	10000 FH	ALL

CHAPTER 21 - AIR CONDITIONING

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
21-20-00-710-001-A00	OPC	7	Operationally Check Air Conditioned Distribution System	2C	ALL
21-21-00-720-001-A00	FNC	9	Functionally Check Display Ventilation System	C	ALL
21-23-07-960-001-A00	DIS	9	Discard of Gasper Fan Filter Post-Mod. SB 145-21-0057	4500 FH	ALL
21-24-06-960-001-A00	DIS	9	Discard of Recirculation Fan Filters Post-Mod. SB 145-21-0057	1500 FH	ALL

CHAPTER 21 - AIR CONDITIONING (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
21-25-01-710-001-A00	OPC	8	Operationally Check Ram Air Valve	C	ALL
21-26-00-710-001-A00	OPC	9	Operationally Check Electronic Compartment Ventilation System	C	ALL
21-26-08-960-001-A00	DIS	9	Discard Exhaust Hoses of the Electronic Bay Compartment Pre-Mod. SB 145-21-0013	5A	ALL
21-26-08-960-001-A01	DIS	9	Discard Exhaust Hoses of the Electronic Bay Compartment Post-Mod. SB 145-21-0013	180 MO	ALL
21-27-00-710-001-A00	OPC	9	Operationally Check Baggage Compartment Ventilation System (including High and Low Speed of Fan) (Baggage Compartment with Ventilation System only)	A	ALL
21-27-02-640-001-A00	LUB	8	Lubricate Baggage Compartment Check Valves (Baggage Compartment with Ventilation System only)	C	ALL
21-27-02-710-001-A00	OPC	8	Operationally Check Baggage Compartment Check Valve (manual check for free movement and correct seating) (Baggage Compartment with Ventilation System only)	5A	ALL
21-31-00-710-001-A00	OPC	9	Operationally Check Pressurization Control System in Manual Mode	6750 FH	ALL
21-31-00-720-002-A00	FNC	8	Functionally Check Outflow Valves Pressure Relief Devices	6000 FH	ALL
21-31-00-720-005-A00	FNC	9	Functionally Check Line for Leakage Post-Mod. SB 145-21-0002	2C	ALL
21-31-03-140-001-A00	RST	6	Clean Electropneumatic Outflow Valve (Non-smoking Flights)	5A	ALL
21-31-03-140-001-A01	RST	6	Clean Electropneumatic Outflow Valve (Smoking Flights)	2A	ALL
21-31-04-140-001-A00	RST	6	Clean Pneumatic Outflow Valve (Non-smoking Flights)	1000 FH	ALL
21-31-04-140-001-A01	RST	6	Clean Pneumatic Outflow Valve (Smoking Flights)	400 FH	ALL
21-31-08-960-001-A00	DIS	6	Replace Air Filter Element (Non-smoking Flights)	3200 FH	ALL
21-31-08-960-001-A01	DIS	6	Replace Air Filter Element (Smoking Flights)	1800 FH	ALL
21-51-00-710-001-A00	OPC	8	Operationally Check Cooling Pack System to Verify ECS OFF Signal	C	ALL

CHAPTER 21 - AIR CONDITIONING (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
21-51-00-720-001-A00	FNC	6	Functionally Check Cooling Pack System	2C	ALL
21-51-00-720-003-A00	FNC	8	Functionally Check Pack Duct Overtemperature Protection	C	ALL
21-51-01-130-001-A00	RST	6	Clean Pack Valve Filter Using Ultrasonic Method	5A	ALL
21-51-02-170-001-A00	RST	6	Clean Dual Heat Exchanger and Visually Check Condition of Core	C	ALL
21-51-10-710-001-A00	OPC	8	Operationally Check Pack Leak Switch	2C	ALL
21-60-00-710-001-A00	OPC	9	Operationally Check Temperature Control	2C	ALL
21-60-11-960-001-A00	DIS	9	Discard of Ambient Temperature Sensor Filter Post-Mod. SB 145-21-0057	4000 FH	ALL

CHAPTER 23 - COMMUNICATIONS

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
23-60-00-720-001-A00	FNC	9	Functionally Check Static Discharger	8000 FH	ALL
23-71-00-710-001-A00	OPC	9	Operationally Check Voice Recorder 4 Channels and Area Microphone <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
23-71-02-960-001-A00	DIS	9	Discard CVR Underwater Locator Beacon Battery (*) <u>NOTE:</u> ULB battery change in accordance with manufacturer's dataplate expiration date.	(*)	ALL

CHAPTER 24 - ELECTRICAL POWER

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
24-31-00-710-001-A00	OPC	9	Operationally Check Main Generation Switching Circuit	C	ALL

CHAPTER 24 - ELECTRICAL POWER (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
24-31-00-710-002-A00	OPC	9	Operationally Check Main Generation Overcurrent Protection Circuit	C	ALL
24-31-01-900-001-A00	RST	7	Restore Main Generator P/N 30086-010	3200 FH	ALL
24-31-01-900-001-A01	RST	7	Restore Main Generator P/N 30086-011	4000 FH	ALL
24-34-01-900-001-A00	RST	7	Restore APU Starter/Generator	1200 AH	ALL
24-34-01-960-001-A00	DIS	7	Discard APU Starter/Generator Brushes	800 AH	ALL
24-35-01-720-001-A00	FNC	8	Functionally Check Back-up Battery <u>NOTE:</u> From the manufacture date or last restoration.	6 MO	ALL
24-35-01-900-001-A00	RST	8	Restore Back-up Battery <u>NOTE:</u> From the manufacture date or last restoration.	12 MO	ALL
24-36-01-610-001-A00	SVC	6	Service Main Battery MARATHON P/N 32248-001 <u>NOTE:</u> From the manufacture date or last restoration.	500 FH	ALL
24-36-01-610-001-A02	SVC	6	Service Main Battery MARATHON M3 P/N 32845-001 <u>NOTE:</u> From the manufacture date or last restoration.	2000 FH	ALL
24-36-01-720-001-A00	FNC	6	Functionally Check Main Battery SAFT P/N 442CH1 <u>NOTE:</u> From the manufacture date or last restoration.	1000 FH	ALL
24-36-01-900-001-A00	RST	6	Restore Main Battery SAFT P/N 442CH1 <u>NOTE:</u> From the manufacture date or last restoration.	12 MO	ALL
24-60-00-710-001-A00	OPC	8	Operationally Check Electrical Emergency Transfer Circuit	C	ALL
24-60-00-710-002-A00	OPC	9	Operationally Check Electrical Emergency Abnormal Alarm	A	ALL

CHAPTER 25 - EQUIPMENT/FURNISHINGS

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
25-11-01-140-001-A00	RST	8	Clean Flight Crew Seats Locking System	A	ALL
25-11-01-220-001-A00	DET	8	Inspect (detailed inspection) cockpit seats for security of attachment to the track, including restraint system (seat belt).	4000 FH	ALL
25-11-01-710-001-A00	OPC	8	Operationally Check Pilot/Copilot Seat Restraint System (seat belt).	4000 FH	ALL
25-21-00-212-001-A00	GVI	6	Inspect (General Visual) Passenger Seats Structure, Seat Attachment to the Track and Food tray Assembly for Integrity and General Conditions.	C	ALL
25-21-00-220-002-A00	DET	8	Inspect (Detailed Inspection) Flight Attendant Seats Harness, Inertial Reel for Condition and the Seat Bottom for Freedom of Movement and Returning Back to Upright Position	C	ALL
25-21-00-220-003-A00	DET	8	Inspect (Detailed Inspection) Passenger Pivot Fittings for Cracks.	5000 FH	ALL
25-60-00-212-001-A00	GVI	8	Inspect (General Visual) First Aid Kit and Medical Kit for condition and validation P/N 106 A, 6240-37, S6-01-0005-311, S6-01-0005-314, 70004-00, 01-00-48, 25-60-109-2, 25-60-109SL, 01-70-90, LAI 5532, 4531 and 73S601005107	6 MO	ALL
25-60-02-900-001-A00	RST	8	Restore Flotation Vest PN 3505-101CW, 3505-101W, 3500-111W and 2000-105Y <u>NOTE:</u> In accordance with expiration date or Local Regulatory Authority Requirements.	24 MO	ALL
25-60-02-900-001-A01	RST	8	Restore Flotation Vest PN MK3 <u>NOTE:</u> Every 24 MO after 120 MO from date of manufacture; every 12 MO after 168 MO from date of manufacture; in accordance with expiration date or Local Regulatory Authority Requirements.	48 MO	ALL
25-60-02-900-001-A02	RST	8	Restore Flotation Vest PN MK20SV and MK22SV <u>NOTE:</u> Every 12 MO after 240 MO from date of manufacture; in accordance with expiration date or Local Regulatory Authority Requirements.	120 MO	ALL



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CHAPTER 25 - EQUIPMENT/FURNISHINGS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
25-60-02-900-001-A03	RST	8	Restore Flotation Vest PN 63600-Series (Vacuum Packed) <u>NOTE:</u> Every 60 MO for sewn packed; in accordance with expiration date or Local Regulatory Authority Requirements.	120 MO	ALL
25-60-02-900-001-A04	RST	8	Restore Flotation Vest PN 35-21-02 <u>NOTE:</u> In accordance with expiration date or Local Regulatory Authority Requirements.	12 MO	ALL
25-60-04-710-001-A00	OPC	8	Operationally Check Megaphone P/N ACR/EM-1A	6 MO	ALL
25-60-04-960-001-A00	DIS	6	Discard of Megaphone Batteries P/N ACR/EM-1A	12 MO	ALL
25-60-05-212-001-A00	GVI	8	Inspect (General Visual) Cockpit Escape Rope P/N 120-15112-001	2C	ALL
25-61-00-212-001-A00	GVI	8	Inspect (General Visual) Emergency Locator Transmitter for Condition – Proper Installation – Battery Corrosion and Leakage <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	12 MO	ALL
25-61-00-710-001-A00	OPC	8	Operationally Check Emergency Locator Transmitter System – Proper Operation – Crash Switch Operation <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	12 MO	ALL
25-61-04-960-001-A02	DIS	8	Replace ELT battery ARTEX P/N 452-0133 <u>NOTE:</u> ELT battery change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements.	60 MO	ALL
25-61-04-960-001-A00	DIS	8	Replace ELT battery ARTEX P/N 452-0130 <u>NOTE:</u> ELT battery change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements.	26 MO	ALL

CHAPTER 25 - EQUIPMENT/FURNISHINGS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
25-61-04-960-001-A01	DIS	8	Replace ELT batteries SOCATA P/Ns ELT90A2560102000 and L94 <u>NOTE:</u> ELT batteries change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements.	60 MO	ALL

CHAPTER 26 - FIRE PROTECTION

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
26-14-00-710-001-A00	OPC	8	Operationally Check Lavatory Smoke Detection System	2A	ALL
26-14-01-100-001-A01	RST	8	Lavatory Smoke Detector Restoration (Cleaning). <u>NOTE:</u> Only applicable to Smoke Detector P/N FTA719-01.	3000 FH	ALL
26-14-01-710-001-A00	OPC	8	Operational Check of Lavatory Smoke Detector PRE-MOD SB 145-26-0014.	5000 FH	ALL
26-15-00-710-001-A00	OPC	8	Operationally Check Baggage Smoke Detection System (Class "D" Baggage Compartment only)	C	ALL
26-15-00-720-001-A00	FNC	8	Functionally Check JAMCO Baggage Compartment Smoke Detection System (actuating each Smoke Sensor in the Baggage Compartment with a Smoke Tester) <u>NOTE:</u> Or 3 MO, whichever occurs first.	A	ALL
26-15-01-710-001-A00	OPC	8	Operational check of WALTER KIDDE Baggage Compartment Smoke Detection System Maintenance LED	2500 FH	ALL
26-21-00-720-001-A00	FNC	9	Functionally Check Engine Fire Extinguishing System <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	2C	ALL
26-21-02-720-002-A00	DELETED				
26-21-03-720-001-A00	FNC	9	Functionally Check Engine Fire Extinguishing Bottle Pressure Switch	60 MO	ALL

CHAPTER 26 - FIRE PROTECTION (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
26-21-04-960-001-A00	DIS	9	Discard Engine Fire Extinguishing Bottle Cartridges <u>NOTE:</u> The cartridge has a maximum installed life of 72 MO not exceeding 108 MO from the manufacturing date. Or in accordance with manufacturer's recommendation.	72 MO	ALL
26-21-05-720-001-A00	FNC	9	Functionally Check Two-Way "Tee" Check Valves	2C	ALL
26-22-00-720-001-A00	FNC	9	Functionally Check APU Fire Extinguishing System (between Switch and Bottle Connector) and verify APU isolation by APU Fuel Shutoff Valve actuation <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	2C	ALL
26-22-01-720-001-A00	DELETED				
26-22-01-720-002-A00	DELETED				
26-22-02-720-001-A00	FNC	9	Functionally Check APU Fire Extinguishing Bottle Pressure Switch	60 MO	ALL
26-22-03-960-001-A00	DIS	9	Discard APU Fire Extinguishing Bottle Cartridges <u>NOTE:</u> The cartridge has a maximum installed life of 72 MO not exceeding 108 MO from the manufacturing date. Or in accordance with manufacturer's recommendation.	72 MO	ALL
26-23-00-720-001-A00	FNC	8	Functionally Check Baggage Compartment Fire Extinguishing System (covering the Pressure Switch, Cartridge, Baggage Fire Extinguishing Switch and Electrical Hardware. Class "C" Baggage Compartment only)	C	ALL
26-23-01-720-001-A00	DELETED				
26-23-01-720-002-A00	FNC	8	Functionally check Baggage Compartment Fire Extinguishing Bottles (High Rate and Metering) for weight (Class "C" Baggage Compartment only) <u>NOTE:</u> From the manufacture date or last task accomplishment.	60 MO	ALL

CHAPTER 26 - FIRE PROTECTION (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
26-23-01-720-003-A00	FNC	8	Functionally Check Baggage Compartment Fire Extinguishing Bottles Pressure Switch (Class "C" Baggage Compartment only). <u>NOTE</u> : From the manufacture date or last task accomplishment.	120 MO	ALL
26-23-02-960-001-A00	DIS	6	Discard Baggage Compartment Fire Extinguishing Bottles (High Rate and Metering) Cartridges (Class "C" Baggage Compartment only) <u>NOTE</u> : 180 months from date of manufacture (DOM) or 120 months from date of installation, whichever occurs first.	120 MO	ALL
26-23-04-720-001-A00	FNC	8	Functionally Check Two Way Check "Tee" Valve (Class "C" Baggage Compartment only)	2C	ALL
26-23-05-212-001-A00	GVI	8	Inspect (General Visual) discharge piping for cracks, bent and loose fittings, and nozzles for damage (Class "C" Baggage Compartment only).	10000 FH	ALL
26-24-00-211-001-A00	VCK	8	Visually Check Portable Fire Extinguishers <u>NOTE</u> : Or in accordance with Local Regulatory Authority Requirements.	1 MO	ALL
26-24-00-720-001-A00	FNC	8	Inspect Portable Fire Extinguishing Bottle for Weight except P/N 74-20 (see Placard attached to the Bottle). <u>NOTE</u> : From the manufacture date or last task accomplishment.	12 MO	ALL
26-24-00-720-001-A01	FNC	8	Inspect Portable Fire Extinguishing Bottle for Weight P/N 74-20 (see Placard attached to the Bottle). <u>NOTE</u> : From the manufacture date or last task accomplishment.	24 MO	ALL
26-24-01-720-001-A00	DELETED				
26-24-01-720-001-A01	DELETED				
26-24-01-720-002-A00	FNC	8	Functionally check Portable Fire Extinguishing Bottles P/N 892480 valve assembly. <u>NOTE</u> : From the manufacture date or last task accomplishment.	60 MO	ALL

CHAPTER 26 - FIRE PROTECTION (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
26-24-01-720-002-A01	FNC	8	Functionally check Portable Fire Extinguishing Bottles P/N 74-20 valve assembly. <u>NOTE:</u> From the manufacture date or last task accomplishment.	120 MO	ALL
26-24-01-720-002-A02	FNC	8	Functionally check Portable Fire Extinguishing Bottles P/N 100-9750, 466090, 898052, A352 Series, and C352 Series valve assembly. <u>NOTE:</u> From the manufacture date or last task accomplishment.	144 MO	ALL
26-24-01-960-001-A00	DIS	8	Discard the Portable Fire Extinguisher P/N RTA1200. <u>NOTE:</u> From the manufacture date.	144 MO	ALL
26-25-01-720-001-A00	FNC	9	Functionally check Lavatory Fire Extinguisher Bottle P/N BA22653-1 and P/N BA22654-1 for weight. <u>NOTE:</u> From the manufacture date or last task accomplishment.	12 MO	ALL
26-25-01-720-001-A01	FNC	9	Functionally check Lavatory Fire Extinguisher Bottle P/N BA24320E-1 for weight. <u>NOTE:</u> From the manufacture date or last task accomplishment.	60 MO	ALL

CHAPTER 27 - FLIGHT CONTROLS

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
27-11-00-220-001-A00	DET	8	Inspect (Detailed Inspection) Aileron Primary Mechanical Control from Control Wheel to Aileron PCAs, Checking Cables, Pulleys, NRUs, Quadrants, Disconnect System and Mechanical Links	C	ALL
27-11-00-640-001-A00	LUB	6	Lubricate Control Wheel Chain	C	ALL
27-11-00-720-001-A00	FNC	6	Functionally Check Aileron Primary Mechanical Control Backlash <u>NOTE:</u> Threshold at 3C.	C	ALL
27-11-01-720-001-A00	FNC	6	Functionally Check Tension of Aileron Control Cables <u>NOTE:</u> For new cables, check tension of the cable loop affected at first A and 2A before escalating to C.	C	ALL

CHAPTER 27 - FLIGHT CONTROLS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
27-12-00-720-001-A00	FNC	8	Functionally Check Aileron Hydraulic Actuation	2C	ALL
27-12-00-720-002-A00	FNC	8	Functionally Check Aileron Hydraulic Damping Pre-Mod. SB 145-27-0062	A	EMB-145 (ALL)
27-12-00-720-003-A03	FNC	8	Functionally Check External Leakage of Aileron Hydraulic Actuator Pre-Mod. SB 145-27-0063 for aircraft Certificated Under ANAC/FAA Regulations	3A	EMB-145 (ALL)
27-12-00-720-003-A04	FNC	8	Functionally check External Leakage of Aileron Hydraulic Actuator Post-Mod. SB 145-27-0063 for aircraft Certificated Under ANAC/FAA Regulations	5A	EMB-145 (ALL)
27-12-00-720-003-A05	FNC	8	Functionally check External Leakage of Aileron Hydraulic Actuator for aircraft Certificated Under EASA Regulations	2A	EMB-145 (ALL)
27-12-01-212-001-A00	GVI	7	Inspect (Visual Inspection) Aileron PCA Hoses	C	ALL
27-12-01-212-002-A04	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition for aircraft Equipped with PCA P/N 394900-1003 or P/N 394900-1005	25 FH or 3 days	EMB-145 (ALL)
27-12-01-212-002-A05	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition Post-Mod. SB145-27-0061 and Post-Mod. SB 145-27-0062 and Post-Mod. SB 145-57-0019 and Pre-Mod. SB 145-27-0063	A	EMB-145 (ALL)
27-12-01-212-002-A06	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition Post-Mod. SB 145-27-0061 and Post-Mod. SB 145-27-0062 and Post-Mod. SB 145-57-0019 and Post-Mod. SB 145-27-0063, for aircraft Certificated Under ANAC/FAA Regulations.	2A	EMB-145 (ALL)
27-12-01-212-002-A07	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition Post-Mod. SB 145-27-0061 and Post-Mod. SB 145-27-0062 and Post-Mod. SB 145-57-0019, for aircraft Certificated Under EASA Regulations	2A	EMB-145 (ALL)

CHAPTER 27 - FLIGHT CONTROLS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
27-12-01-720-001-A03	FNC	8	Functionally Check Aileron Actuator Damping Components and Monitoring Devices Post-Mod. SB 145-27-0062 and Pre-Mod. SB 145-27-0063 for aircraft Certificated Under ANAC/FAA Regulations	A	EMB-145 (ALL)
27-12-01-720-001-A04	FNC	8	Functionally Check Aileron Actuator Damping Components and Monitoring Devices Post-Mod. SB 145-27-0062 and. Post-Mod. SB 145-27-0063 for aircraft Certificated Under ANAC/FAA Regulations	5A	EMB-145 (ALL)
27-12-01-720-001-A05	FNC	8	Functionally Check Aileron Actuator Damping Components and Monitoring Devices Post-Mod. SB 145-27-0062 for aircraft Certificated Under EASA Regulations	2A	EMB-145 (ALL)
27-12-01-720-002-A01	FNC	9	Functionally Check Aileron Actuator force Fight Post-Mod. SB 145-27-0062 for aircraft Certificated Under ANAC/FAA Regulations	C	ALL
27-12-01-720-002-A02	FNC	9	Functionally Check Aileron Actuator force Fight Post-Mod. SB 145-27-0062 for aircraft Certificated Under EASA Regulations	2A	EMB-145 (ALL)
27-12-03-212-001-A00	VCK	9	Inspect (Visual Inspection) Aileron Damper Rod Ends/Fitting Lugs for Integrity and General Condition Post-Mod. SB 145-27-0063 <u>NOTE:</u> This task is applicable only to aircraft under ANAC/FAA Certifications.	2A	EMB-145 (ALL)
27-12-03-720-001-A00	FNC	9	Functionally Check Aileron Damper Damping Force Post-Mod. SB 145-27-0063 <u>NOTE:</u> This task is applicable only to aircraft under ANAC/FAA Certifications.	5A	EMB-145 (ALL)
27-12-03-720-002-A00	FNC	9	Functionally Check External Leakage of Aileron Damper Post-Mod. SB 145-27-0063 <u>NOTE:</u> This task is applicable only to aircraft under ANAC/FAA Certifications.	5A	EMB-145(ALL)
27-13-00-710-001-A00	OPC	8	Operationally Check Aileron Solenoid Manifold Shutoff Function	C	ALL
27-14-00-720-001-A00	FNC	9	Functionally Check Roll Trim	C	ALL
27-15-00-710-001-A00	OPC	8	Operationally Check Aileron Disconnect System	C	ALL

CHAPTER 27 - FLIGHT CONTROLS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
27-15-02-640-001-A00	LUB	8	Lubricate Aileron Disconnect System <u>NOTE:</u> The Plate Mechanism is Bench Lubricated.	2C	ALL
27-21-01-220-001-A00	DET	9	Inspect (Detailed Inspection) Rudder Primary Mechanical Control Checking Cables, Pulleys and Quadrants	C	ALL
27-21-01-720-001-A00	FNC	9	Functionally Check Tension of Rudder Control Cables <u>NOTE:</u> For new cables, check tension of the cable loop affected at first A and 2A before escalating to C.	C	ALL
27-21-02-220-001-A00	DET	8	Inspect (Detailed Inspection) Rudder Main Control Feedback Path, PCU Linkage and Mounting Points, Rudder Actuator Attachments, Hinges, and Connecting Rods <u>NOTE:</u> Requires removal of Concentric and Eccentric Pins.	C	ALL
27-22-00-720-001-A00	FNC	9	Functionally Check Rudder Backlash	C	ALL
27-22-01-720-001-A00	FNC	9	Functionally Check Rudder Power Control Unit/Actuators Differential Pressure	C	ALL
27-22-02-212-001-A00	GVI	6	Inspect (Visual Inspection) Rudder Actuators	C	ALL
27-31-00-720-001-A00	FNC	6	Functionally Check Elevator Primary Mechanical Control Backlash	C	ALL
27-31-01-220-001-A00	DET	6	Inspect (Detailed Inspection) Elevator Control Cables	C	ALL
27-31-01-720-001-A00	FNC	6	Functionally Check Tension of Elevator Control Cables <u>NOTE:</u> For new cables, check tension of the cable loop affected at first A and 2A before escalating to C.	C	ALL
27-31-04-710-001-A00	OPC	9	Operationally Check Spring/Servo Tab	A	ALL
27-31-05-220-002-A00	DET	8	Inspect (Detailed Inspection) Spring Tab Attachment Link	C	ALL
27-35-00-640-001-A00	LUB	8	Lubricate Elevator Disconnect System <u>NOTE:</u> The Plate Mechanism is Bench Lubricated.	2C	ALL
27-35-00-710-001-A00	OPC	8	Operationally Check Elevator Disconnect System	C	ALL
27-36-00-710-001-A00	OPC	8	Operationally Check Stall Protection System	500 FH	ALL
27-36-00-720-001-A00	FNC	9	Functionally Check ICE/SPS Speeds Interface Circuit	500 FH	ALL

CHAPTER 27 - FLIGHT CONTROLS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
27-40-00-710-002-A00	OPC	9	Operationally Check Backup/Main Cut-out Switch and Quick Disconnect Switch	C	ALL
27-40-00-710-003-A00	OPC	9	Operationally Check Lockout Logic of Horizontal Stabilizer Control Unit Post-Mod. SB-145-27-0106	A	ALL
27-40-00-720-001-A00	FNC	8	Functionally Check Horizontal Stabilizer Backlash	5000 FH	ALL
27-40-00-720-003-A00	FNC	9	Functionally Check Mach Trim Function	C	EMB-145XR
27-40-02-220-001-A00	DET	8	Inspect (Detailed Inspection) Horizontal Stabilizer Actuator Integrity and Attachments	C	ALL
27-40-02-610-001-A00	SVC	6	Service Horizontal Stabilizer Actuator and check for leakage	2000 FH	ALL
27-40-03-640-001-A00	LUB	6	Lubricate Main Pitch Trim Switches	5A	ALL
27-51-00-212-001-A00	GVI	7	Inspect (Visual Inspection) Flap Mechanical Line	C	ALL
27-51-00-220-001-A00	DET	6	Inspect (Detailed Inspection) Flap Flexible Shafts	C	ALL
27-51-00-610-001-A00	SVC	6	Service Flap Screw-jack Actuators Gearbox PRE-MOD SB 145-27-0118	C	ALL
27-51-00-610-001-A01	SVC	6	Service Flap Screw-jack Actuators Gearbox POST-MOD SB 145-27-0118	2C	ALL
27-51-00-640-001-A00	LUB	6	Lubricate Flap Screw-Jack Actuators (FSAs)	2A	ALL
27-51-01-720-001-A00	FNC	8	Functionally Check Flap Transmission Brake Holding Capability	5A	ALL
27-51-15-220-001-A00	DET	8	Inspect (Detailed Inspection) Flap Rollers for Structural Integrity	2C	ALL
27-51-17-720-001-A00	FNC	8	Functionally Check MTB (Flap Drive Motor Unit) Holding Capability	C	ALL
27-53-00-710-001-A00	OPC	9	Operationally Check FLAP FAIL Message	A	ALL
27-53-00-710-002-A00	OPC	8	Operationally Check of Take-off Flap Aural Warning and No Take-off Configuration Visual Warning	A	ALL
27-63-01-710-001-A00	OPC	9	Operationally Check Spoiler System	C	ALL
27-70-00-710-001-A00	OPC	7	Operationally Check Mechanical Gust Lock Mechanism	C	ALL

CHAPTER 27 - FLIGHT CONTROLS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
27-70-00-720-001-A00	FNC	9	Functionally Check the Gap of Elevator Secondary Stop (Mechanical Gust Lock System only) Pre-Mod. SB 145-27-0079	4000 FH	ALL
27-71-00-220-001-A00	DET	9	Inspect (Detailed Inspection) Electromechanical Gust Lock Mechanism	C	ALL
27-71-00-710-003-A00	OPC	9	Operationally Check Electromechanical Gust Lock System	A	ALL

CHAPTER 28 - FUEL

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
28-11-04-710-001-A00	OPC	9	Operationally Check (Manual Check for Free Movement and Sealing Condition) Flap Valves (Ribs 1 and 7) <u>NOTE:</u> Check during Internal Tank Inspection.	2C	ALL
28-12-01-710-001-A00	OPC	9	Operationally Check (Manual Check) Vent Float Valves <u>NOTE:</u> Check during Internal Tank Inspection.	2C	ALL
28-12-04-710-001-A00	OPC	9	Operationally Check Flap Valve (Manual Check for Free Movement and Sealing Condition) <u>NOTE:</u> Check during Internal Tank Inspection.	2C	ALL
28-12-05-211-001-A00	VCK	8	Visually Check Flame Arrestor for Honey Comb Clogging, and Attaching Parts for Security	C	ALL
28-12-05-710-001-A00	OPC	8	Operationally Check Flame Arrestor in/out Flow Valves for Freedom Movement	C	ALL
28-17-03-710-001-A00	OPC	9	Operationally Check Ventral Fuel Tank Flap Valves	2C	EMB-145XR
28-17-04-710-001-A00	OPC	9	Operationally Check Ventral Fuel Tank Baffle Valves	2C	EMB-145XR
28-18-01-710-001-A00	OPC	9	Operationally Check Ventral Fuel Tank Float Vent Valves	2C	EMB-145XR
28-18-03-710-001-A00	OPC	9	Operationally Check Ventral Fuel Tank Float Actuated Drain Valve	2C	EMB-145XR
28-18-05-211-001-A00	VCK	9	Visually Check Ventral Fuel Tank Flame Arrestor	C	EMB-145XR

CHAPTER 28 - FUEL (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
28-21-03-720-001-A00	FNC	9	Functionally Check Relief Valve	2C	ALL
28-21-04-710-001-A00	OPC	9	Operationally Check Crossfeed Valve	C	ALL
28-21-10-710-001-A00	OPC	8	Operationally Check Fuel Feed Line Shroud	8000 FH	ALL
28-22-03-710-001-A00	OPC	8	Operationally check APU Fuel Feed Line Shroud	10000 FH	ALL
28-27-00-710-001-A00	OPC	9	Operationally Check Ventral Fuel Tank Transfer System	2A	EMB-145XR
28-27-06-710-001-A00	OPC	9	Operationally Check Transfer Float Shutoff Valve	2C	EMB-145XR
28-27-10-710-001-A00	OPC	8	Operationally Check Fuel Transfer Line Shroud	2C	EMB-145XR
28-41-00-710-001-A00	OPC	9	Operationally Check Electrical Fuel Quantity Indicating System (Fuel Low Level Logic)	C	ALL
28-41-00-710-002-A00	OPC	9	Operationally Check Electrical Fuel Quantity Indicating System	C	EMB-145XR
28-41-00-720-001-A00	FNC	9	Functionally Check Electrical Fuel Quantity Indicating System	C	EMB-145XR
28-43-00-720-001-A00	FNC	9	Functionally Check Fuel Temperature Indication System	2C	ALL
28-44-00-720-001-A00	FNC	9	Functionally Check Low Level Warning System <u>NOTE:</u> Check during Internal Tank Inspection.	2C	ALL
28-45-00-710-001-A00	OPC	9	Operationally Check Low Pressure Warning System	2A	ALL
28-50-01-220-001-A00	DET	8	Inspect (Detailed Inspection) Fuel Pump Electrical Harness <u>NOTE:</u> EWIS/SFAR 88.	2C	ALL
28-50-02-220-001-A00	DET	8	Inspect (Detailed Inspection) Wing Tank Unit <u>NOTE:</u> This task complies with Fuel Tank Ignition Source Prevention (SFAR 88)	2C	ALL
28-50-03-220-001-A00	DET	8	Inspect (Detailed Inspection) Ventral Tank Unit <u>NOTE:</u> This task complies with Fuel Tank Ignition Source Prevention (SFAR 88)	2C	EMB-145XR
28-50-04-212-001-A00	GVI	8	Inspect (General Visual) Wing Stub Harnesses <u>NOTE:</u> EWIS/SFAR 88.	2C	ALL

CHAPTER 28 - FUEL (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
28-50-05-212-001-A00	GVI	8	Inspect (General Visual) Trailing Edge Harnesses <u>NOTE:</u> EWIS/SFAR 88.	2C	ALL
28-50-06-212-001-A00	GVI	8	Inspect (General Visual) Leading Edge Harnesses <u>NOTE:</u> EWIS/SFAR 88.	2C	ALL

CHAPTER 29 - HYDRAULIC POWER

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
29-10-00-710-001-A00	OPC	9	Operationally Check Electric Motor Driven Pumps Input Signals	C	ALL
29-10-00-790-001-A00	FNC	9	Functionally Check of Hydraulic Power System for Internal Leakage	2C	ALL
29-10-01-710-001-A00	OPC	8	Operationally Check Shutoff Valve by means of the Hydraulic Panel Switch	C	ALL
29-10-04-900-001-A00	DIS	6	Replace EMDP Brushes	6000 FH	ALL
29-10-08-211-001-A00	VCK	9	Visually Check Differential Pressure Indicators for Red Pins Popped out	A	ALL
29-10-10-720-001-A00	FNC	9	Functionally Check Return Filter By-Pass Valve <u>NOTE:</u> 2C if fluid contamination is checked at C interval.	C	ALL
29-10-13-720-001-A00	FNC	9	Functionally Check Priority Valve	C	ALL
29-30-03-720-001-A00	FNC	9	Functionally Check Hydraulic Filters Differential Pressure Indicators <u>NOTE:</u> 2C if fluid contamination is checked at C interval.	C	ALL
29-30-05-710-001-A00	OPC	9	Operationally Check HYD SYS OVHT Message	2C	ALL

CHAPTER 30 - ICE AND RAIN PROTECTION

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
30-00-00-710-001-A00	OPC	8	Operationally Check Anti-Icing System Messages.	100 FH	ALL
30-11-05-710-001-A00	OPC	9	Operationally Check Wing Leak Thermostat	2C	ALL
30-12-00-710-001-A00	OPC	8	Operationally Check Electrical Hardware of the Horizontal Stabilizer Thermal Anti-Icing System	C	ALL
30-12-05-710-001-A00	OPC	9	Operationally Check Horizontal Stabilizer Leak Thermostat	2C	ALL
30-20-00-220-001-A00	DET	9	Inspect (Detailed Inspection) Thermal Anti-Ice (TAI) Exhaust Duct for Condition and Security of Installation	C	ALL
30-20-01-720-001-A00	FNC	9	Functionally Check Thermal Anti-Ice (TAI) Interbulkhead Assembly for Leakage	C	ALL
30-31-00-710-001-A00	OPC	9	Operationally Check Pitot & Anemometric Static Port Heating	C	AL
30-31-00-710-002-A00	OPC	9	Operationally Check Pressurization Static Port Heating	C	ALL
30-31-08-710-001-A00	OPC	9	Operationally Check Pitot Lines Heater. <u>NOTE:</u> If installed.	2C	ALL
30-32-00-710-001-A00	OPC	9	Operationally Check AOA Sensor Heating	C	ALL
30-33-00-710-001-A00	OPC	9	Operationally Check TAT Sensor Heating	C	ALL
30-42-00-710-001-A00	OPC	9	Operationally Check Windshield Heating	C	ALL
30-43-01-211-001-A00	VCK	9	Visually Check Rain Repellent Coating (RRC), if installed. (*) <u>NOTE:</u> 24 MO or 1500 FH whichever occurs first.	(*)	ALL

CHAPTER 31 - INDICATING/RECORDING SYSTEMS

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
31-21-00-710-001-A00	OPC	9	Operationally Check Digital Clock <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements. Check together with task 31-31-00-720-001-A00.	C	ALL

CHAPTER 31 - INDICATING/RECORDING SYSTEMS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
31-31-00-720-001-A00	FNC	6	Functionally Check Flight Data Recorder System <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
31-31-02-710-001-A00	DELETED				
31-31-02-960-001-A00	DIS	9	Discard FDR Underwater Locator Beacon Battery (*) <u>NOTE:</u> ULB battery change in accordance with manufacturer's dataplate expiration date.	(*)	ALL
31-41-00-710-001-A00	DELETED				

CHAPTER 32 - LANDING GEAR

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
32-10-00-220-001-A00	DET	9	Detailed Inspection of Main Landing Gear Doors and Auxiliary Door.	500 FC	ALL
32-10-01-900-001-A00	RST	8	Restore Main Landing Gear (MLG) Leg Strut Assy (PNs 2309-2002-Series, 2309-3002-Series, 2309-3100-Series and 2309-4002-Series). <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-10-01-900-002-A00	RST	8	Restore MLG Trailing Arm Assy (PNs 2309-2037-Series, 2309-3037-Series and 2309-4037-Series), including wheel axle. <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-10-02-610-001-A00	SVC	9	Service MLG Shock Absorber <u>NOTE:</u> Or 15 MO, whichever occurs first.	5A	ALL
32-10-02-900-001-A00	RST	8	Restore MLG Shock Absorber Assy (PNs 2309-2005-Series) <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-10-03-900-001-A00	RST	8	Restore MLG Main Side Strut Assy (PNs 2309-2500-Series and 2309-3500-Series) <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL

CHAPTER 32 - LANDING GEAR (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
32-10-04-900-001-A00	RST	8	Restore MLG Secondary Side Strut Assy (PNs 2309-2600-Series) <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-20-01-610-001-A00	SVC	9	Service NLG Shock Absorber <u>NOTE:</u> Or 15 MO, whichever occurs first.	5A	ALL
32-20-01-720-001-A00	DELETED				
32-20-01-900-001-A00	RST	8	Restore Nose Landing Gear (NLG) Strut, including Torque Link, Steering Cuff, Sliding Tube and Web Assy components; and their attaching parts. <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-20-02-900-001-A00	RST	8	Restore NLG Main Drag Strut <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-20-03-900-001-A00	RST	8	Restore NLG Auxiliary Drag Strut <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-32-00-710-001-A00	OPC	9	Operationally Check Landing Gear Extension and Retraction (Electrical) Indication and Downlock Relays by Channels A and B	C	ALL
32-32-02-710-001-A00	OPC	8	Operationally Check Solenoid and Downlock Release Button of the Landing Gear Control Lever	2C	ALL
32-34-00-640-001-A00	LUB	8	Lubricate Landing Gear (MLG & NLG) and Steering System	500 FH	ALL
32-34-00-710-001-A00	OPC	9	Operationally Check Landing Gear Emergency Extension (Override Switch)	C	ALL
32-34-00-720-001-A00	FNC	8	Functionally Check Landing Gear Emergency Extension Pre-Mod. SB 145-32-0036 and/or SB 145-32-0037	A	ALL
32-34-00-720-001-A01	FNC	8	Functionally Check Landing Gear Emergency Extension Post-Mod. SB 145-32-0036 and Post-Mod. SB 145-32-0037	C	ALL
32-34-03-720-001-A00	FNC	8	Functionally Check Condition and Tension of Free-Fall Control Cables	2C	ALL

CHAPTER 32 - LANDING GEAR (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
32-41-00-720-001-A00	FNC	6	Functionally Check Main Brake System	C	ALL
32-41-01-710-001-A00	OPC	8	Operationally Check Brake Pedal Transducer	2C	ALL
32-41-07-720-001-A00	FNC	9	Functionally Check Brake Hydraulic Fuse	C	ALL
32-41-09-710-001-A00	OPC	8	Operationally Check Return Line Check Valve of Main Brake System	C	ALL
32-44-00-720-001-A00	FNC	8	Functionally Check Emergency Parking Brake System	2C	ALL
32-44-02-720-001-A00	FNC	8	Functionally Check Hydraulic Accumulator for Nitrogen Pre-Charge	2A	ALL
32-44-06-720-001-A00	FNC	8	Functionally Check Thermal Relief Valve of the Emergency/ Parking Brake System	2C	ALL
32-44-08-710-001-A00	OPC	8	Operationally Check Return Line Check Valve of Emergency/ Parking Brake System	C	ALL
32-44-10-640-001-A00	LUB	8	Lubricate Mechanical Hardware (Handle) and Roller of Emergency Parking Brake Valve	C	ALL
32-49-01-610-001-A00	SVC	6	Check MLG Tire Inflation Pressure	2 days	ALL
32-49-02-220-001-A00	DET	7	Inspect (Detailed Inspection) of Wheels Speed Transducer Clip in the Hub Cap Drive Clip (*) <u>NOTE</u> : At each Tire change.	(*)	ALL
32-49-03-220-001-A00	DET	6	Inspect (Detailed Inspection) of Brake Wear Indicator (*) <u>NOTE</u> : At each Tire change.	(*)	ALL
32-49-04-610-001-A00	SVC	6	Check NLG Tire Inflation Pressure	2 days	ALL
32-49-07-710-001-A00	OPC	8	Operationally Check Brake Shuttle Valve (*) <u>NOTE</u> : At each Brake replacement.	(*)	ALL
32-50-00-710-001-A00	OPC	8	Operationally Check Nosewheel Steering System Disengage	A	ALL
32-50-06-720-001-A00	FNC	8	Functionally Check 7-Degree Proximity Switch	C	ALL
32-62-00-710-001-A00	OPC	8	Operationally Check Landing Gear Warning System	A	ALL

CHAPTER 33 - LIGHTS

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
33-47-03-720-001-A00	FNC	8	Functionally Check White Strobe Lighting System Pre-Mod. SB 145-33-0008 <u>NOTE:</u> This task is applicable only to aircraft under ANAC/FAA Certifications.	800 FH	ALL
33-47-03-720-001-A01	FNC	8	Functionally Check Intensity of White Strobe Lighting System Post-Mod. SB 145-33-0008. <u>NOTE:</u> This task is applicable only to aircraft under ANAC/FAA Certifications.	3500 FH	ALL
33-50-00-710-001-A00	OPC	8	Operationally Check Emergency Lighting System	600 FH	ALL
33-50-04-720-001-A00	FNC	8	Functionally Check Emergency Lighting Battery Pack <u>NOTE:</u> From the manufacture date or last task accomplishment.	18 MO	ALL
33-50-12-212-001-A00	GVI	8	General Visual Inspection of Photoluminescent Strip for missing pieces or polycarbonate covered track damage.	5000 FH	ALL
33-51-00-720-001-A00	FNC	8	Functionally Check Rechargeable Flashlight System (MODEL EF-2C)	12 MO	ALL
33-51-00-720-001-A01	FNC	8	Functionally Check Non Rechargeable Flashlight System (MODEL EF-1)	6 MO	ALL

CHAPTER 34 - NAVIGATION

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
34-01-00-720-001-A00	FNC	8	Functionally Check Integrated Standby Instrument System - ISIS (if installed). <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
34-11-00-720-001-A00	FNC	6	Functionally Check Standby Altimeter Indicator (If installed). <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL

CHAPTER 34 - NAVIGATION (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
34-12-00-720-001-A00	FNC	6	Functionally Check Standby Airspeed Indicator (If installed). <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
34-13-00-610-001-A00	SVC	6	Clean Pitot-Static System <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	2C	ALL
34-13-00-680-001-A00	SVC	6	Drain Pitot Lines Pre-Mod. SB 145-34-0021	C	ALL
34-13-00-680-001-A01	SVC	6	Drain Pitot Lines Post-Mod. SB 145-34-0021	A	ALL
34-13-00-790-001-A00	FNC	6	Functionally Check Pitot-Static System for Leakage <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
34-15-00-720-001-A00	FNC	8	Functionally Check ADC system <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
34-21-00-710-001-A00	OPC	9	Operationally Check AHRS DG Mode (AHRS AH-800 only)	C	ALL
34-21-03-140-001-A00	RST	6	Clean AHRS Fan Filter	2A	ALL
34-22-00-710-001-A00	DELETED				
34-25-00-720-001-A00	FNC	6	Functionally Check Standby Compass for proper compensation <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	24 MO	ALL
34-27-03-140-001-A00	RST	6	Clean Dual IRS Mounting Tray Fan Filter (Dual IRS System only)	A	ALL
34-41-00-710-001-A00	OPC	9	Operationally Check GPWS/Windshear	C	ALL
34-41-00-710-003-A00	OPC	9	Operationally Check EGPWS/Windshear	C	ALL
34-52-00-720-001-A00	TASK MOVED TO SECTION 7				



MAINTENANCE REVIEW BOARD REPORT

CHAPTER 35 - OXYGEN

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
35-10-00-710-001-A00	OPC	8	Operationally Check Crew Oxygen Masks Eros	C	ALL
35-10-00-710-001-A01	OPC	8	Operationally Check Crew Oxygen Mask Puritan and/or B/E Aerospace.	2350 FH	ALL
35-10-07-720-001-A00	FNC	8	Functionally Check Crew Oxygen Cylinder Pressure Regulator.	60 MO	ALL
35-11-02-212-001-A00	VCK	8	Visually Check Pressure Transducer Indication on MFD Versus External Gauge Indication	5A	ALL
35-20-00-710-001-A00	OPC	8	Operationally Check Passenger Oxygen System in MANUAL Mode (Chemical Oxygen System only)	4A	ALL
35-20-00-720-001-A00	FNC	9	Functionally Check Passenger Oxygen System in AUTO Mode (Chemical Oxygen System only)	C	ALL
35-20-01-211-001-A00	VCK	8	Visually Check Chemical Oxygen Generator (Chemical Oxygen System only)	C	ALL
35-20-01-960-001-A00	DIS	8	Discard Chemical Oxygen Generator (Chemical Oxygen System only)	180 MO	ALL
35-20-04-211-001-A00	VCK	8	Visually Check Passenger Oxygen Mask (Except Shuttle Configuration)	C	ALL
35-20-06-212-001-A00	GVI	8	General Visual Inspection of Lavatory Gaseous Oxygen Cylinder. <u>NOTE:</u> POST-MOD SB 145-35-0008	7500 FH	ALL
35-20-06-960-001-A00	DIS	8	Discard of Lavatory Gaseous Oxygen Cylinder. <u>NOTE:</u> From the manufacturing date. POST-MOD SB 145-35-0008	180 MO	ALL
35-21-00-211-001-A00	VCK	8	Visually Check Pressure Indication Between MFD Versus Cylinder Gauge and Charging Gauge Versus Cylinder Gauge (Gaseous Oxygen System (Shuttle Configuration only))	4A	EMB-135LR
35-21-00-710-001-A00	OPC	8	Operationally Check Passenger Oxygen System in MANUAL Mode (Gaseous Oxygen System (Shuttle Configuration only))	4A	EMB-135LR
35-21-00-710-002-A00	OPC	8	Operationally Check "VLV CLOSED" Indication Circuit (Gaseous Oxygen System (Shuttle Configuration only))	4A	EMB-135LR

CHAPTER 35 - OXYGEN (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
35-21-00-710-003-A00	OPC	8	Operationally Check "PAX OXY LOW PRESS" Caution Message (Gaseous Oxygen System (Shuttle Configuration only))	C	EMB-135LR
35-21-00-720-001-A00	FNC	8	Functionally Check Passenger Oxygen System in AUTO Mode (Gaseous Oxygen System (Shuttle Configuration only))	C	EMB-135LR
35-21-02-211-001-A00	VCK	8	Visually Check Passenger Oxygen Mask Assy (Gaseous Oxygen System (Shuttle Configuration only))	4A	EMB-135LR
35-21-04-720-001-A00	FNC	8	Functionally Check Passenger Oxygen Cylinder Regulator and Gauge (Gaseous Oxygen System (Shuttle Configuration only)) NOTE: From the manufacture date or last task accomplishment.	36 MO	EMB-135LR
35-21-04-960-001-A00	DELETED				
35-21-06-710-001-A00	OPC	8	Operationally Check Electric Pulse/Latching On-Off Valve (Gaseous Oxygen System (Shuttle Configuration only))	4A	EMB-135LR
35-21-07-720-001-A00	FNC	8	Functionally Check of Oxygen Sequence Regulator (Gaseous Oxygen System (Shuttle Configuration only))	4A	EMB-135LR
35-21-15-710-001-A00	OPC	8	Check (Leak) Passenger Oxygen Distribution (HP) Lines (Gaseous Oxygen System (Shuttle Configuration only))	C	EMB-135LR
35-21-16-710-001-A00	OPC	8	Check (Leak) Passenger Oxygen Distribution (LP) Lines (Gaseous Oxygen System (Shuttle Configuration only))	C	EMB-135LR
35-30-01-211-001-A00	VCK	9	Visually Check Portable Oxygen Cylinder Gauge Pressure Indication NOTE: Or in accordance with Local Regulatory Authority Requirements.	A	ALL
35-30-01-720-001-A00	FNC	9	Functionally Check Portable Oxygen Cylinder Pressure Regulator	60 MO	ALL
35-30-01-720-002-A00	DELETED				
35-30-02-211-001-A00	VCK	9	Visually Check Continuous Flow Mask	5A	ALL
35-30-03-960-001-A00	DIS	8	Discard Protective Breathing Equipment	120 MO	ALL

CHAPTER 36 - PNEUMATIC

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
36-10-01-130-001-A00	RST	6	Clean Crossbleed Valve Filter by Ultrasonic Method	C	ALL
36-11-01-220-001-A00	DET	6	Inspect (Detailed Inspection) Engine High Pressure Bleed Air Check Valve P/N 816603-3 and Engine Low Pressure Bleed Air Check Valve P/N 816603-3	C	ALL
36-11-02-130-001-A00	RST	9	Clean High-Stage Valve Filter by Ultrasonic Method	C	ALL
36-11-03-130-001-A00	RST	6	Clean Fan Air Valve Filter by Ultrasonic Method	C	ALL
36-11-04-110-001-A00	RST	6	Clean Pre-Cooler by Chemical Method	6000 FH	ALL
36-11-05-130-001-A00	RST	6	Clean Engine Bleed Valve Filter by Ultrasonic Method Pre-Mod. SB 145-36-0028	C	ALL
36-11-11-710-001-A00	OPC	9	Operationally Check Thermostat Shutoff Valve	C	EMB-145XR
36-20-00-710-001-A00	OPC	8	Operationally Check Bleed Valve Indicating Function	2C	ALL
36-20-00-720-001-A00	FNC	8	Functionally Check the Overtemperature Warning Circuit	2C	ALL
36-20-00-720-002-A00	FNC	9	Functionally Check Differential Pressure Protection Function except Post-Mod SB 145-36-0018 or SB 145-36-A018	2C	ALL
36-20-02-710-001-A00	OPC	8	Operationally Check Thermal Switch	2C	ALL
36-20-02-710-002-A00	OPC	8	Operationally Check Massive Leakage Switch	C	ALL

CHAPTER 38 - WATER / WASTE

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
38-32-04-960-001-A00	DIS	7	Replace Waste Drain Valve O'Ring	18 MO	ALL
38-32-10-960-001-A00	DIS	7	Replace Waste Drain Valve Cap Seal	60 MO	ALL

CHAPTER 49 - AIRBORNE POWER UNIT

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
49-17-00-160-001-A00	RST	9	Clean APU Drains Post-Mod SB 145-49-0029	C	ALL
49-31-00-710-001-A01	OPC	9	Perform Check of the FADEC BITE Display for Fault Messages (APU Model T-62T-40C14 (APS 500R) only)	400 AH	ALL
49-31-04-960-001-A00	DIS	9	Discard Inlet Fuel Filter APU Model T-62T-40C11 (APS 500) only	800 AH	ALL
49-31-04-960-001-A01	DIS	9	Discard Inlet Fuel Filter APU Model T-62T-40C14 (APS 500R) only)	1200 AH	ALL
49-41-03-220-001-A00	DET	6	Inspect (Detailed Inspection) Igniter Plug	1200 AH	ALL
49-62-00-710-001-A00	OPC	9	Operationally Check Emergency Shutdown by Using APU Fuel Shutoff Switch and Fire Test Switch	2C	ALL
49-91-00-610-001-A00	SVC	6	Check Oil Level and Service Oil System as required	400 AH	ALL
49-91-00-680-001-A00	SVC	9	Drain and Replace Oil Supply	2000 AH	ALL
49-91-01-960-001-A00	DIS	9	Discard Oil Filter Element	2000 AH	ALL

CHAPTER 52 - DOORS

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
52-00-00-211-001-A00	VCK	7	Visually Check Locking Red Marks <u>NOTE:</u> Repaint if necessary.	C	ALL
52-11-00-640-001-A00	LUB	6	Lubricate Standard Main Door Actuating and Locking Mechanism	C	ALL
52-11-00-720-005-A00	FNC	8	Functionally Check Standard Main Door Actuating, Latching and Locking Mechanism	C	ALL
52-12-00-720-001-A00	FNC	7	Functionally Check Main Door Hydraulic Accumulator Nitrogen Charge (Standard Main Door Model only)	5A	ALL
52-12-00-710-001-A00	OPC	9	Operationally Check Alternate Opening System	C	ALL
52-14-00-211-001-A00	VCK	9	Inspect (Visual Inspection) Standard Main Door Drain Holes for Obstruction or Damage.	C	ALL

CHAPTER 52 - DOORS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
52-14-01-710-001-A00	OPC	9	Operationally Check Main Door Drain Valves (Standard Main Door Only).	C	ALL
52-18-00-640-001-A00	LUB	6	Lubricate Side-Hinged Main Door Actuating and Locking Mechanism	C	ALL
52-18-06-720-001-A00	FNC	8	Functionally Check Side-Hinged Main door Actuating, Latching and Locking Mechanism	C	ALL
52-21-00-640-001-A00	LUB	8	Lubricate Passenger Cabin Escape Hatch Support Pins	C	ALL
52-21-00-710-001-A00	OPC	8	Operationally Check Passenger Cabin Escape Hatch Mechanism	C	ALL
52-22-00-710-001-A00	OPC	9	Operationally Check Cockpit Emergency Exit	C	ALL
52-22-01-640-001-A00	LUB	9	Lubricate Cockpit Emergency Exit Locking Mechanism	C	ALL
52-31-00-640-001-A00	LUB	6	Lubricate Baggage Door Gear Box	C	ALL
52-32-00-220-001-A00	DET	7	Inspect Baggage Door Lifting and Lowering Mechanism for General Condition and Torsion Bar for Torsion	C	ALL
52-42-01-220-001-A00	DET	9	Inspect (Detailed Inspection) Cockpit Underfloor Access Hatch Mechanism	C	ALL
52-43-00-640-001-A00	LUB	6	Lubricate Service Door Actuating and Locking Mechanism	C	ALL
52-43-06-720-001-A00	FNC	8	Functionally Check Service Door Actuating, Latching and Locking Mechanism	C	ALL
52-44-01-220-001-A00	DET	9	Inspect (Detailed Inspection) Rear Electronic Compartment Door Mechanism	C	ALL
52-51-00-720-001-A00	FNC	8	Functionally Check Reinforced Cockpit Door Blowout Panel	5000 FH	ALL
52-71-00-710-001-A00	OPC	8	Operationally Check Forward Electronic Compartment Door Warning Message	C	ALL
52-72-00-710-001-A00	OPC	9	Operationally Check Rigging Door Warning Message	C	ALL
52-73-00-710-001-A00	OPC	9	Operationally Check Main Door Warning Message	C	ALL
52-73-01-720-001-A00	FNC	9	Functionally Check Main Door Warning Microswitches	C	ALL

CHAPTER 52 - DOORS (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
52-74-00-710-001-A00	OPC	9	Operationally Check Service Door Warning Message	C	ALL
52-74-01-720-001-A00	FNC	9	Functionally Check Service Door Warning Microswitches	C	ALL
52-75-00-710-001-A00	OPC	8	Operationally Check Emergency Exit Warning Message	C	ALL
52-76-00-710-001-A00	OPC	8	Operationally Check Baggage Door Warning Message	C	ALL
52-77-00-710-001-A00	OPC	8	Operationally Check Rear Electronic Compartment Door Warning Message	C	ALL

CHAPTER 53 - FUSELAGE

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
53-00-01-220-001-A00	DET	9	Inspect (Detailed Inspection) Fuselage Drain Valves for Obstruction or Damage	C	ALL
53-21-02-140-001-A00	RST	7	Clean Main Door-Frame Rollers	C	ALL
53-21-02-640-001-A00	LUB	7	Lubricate Main Door Frame Rollers	A	ALL
53-21-12-140-001-A00	RST	7	Clean Service Door-Frame Rollers	C	ALL
53-21-12-640-001-A00	LUB	7	Lubricate Service Door Frame Rollers	A	ALL

CHAPTER 71 - POWER PLANT

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
71-10-00-211-001-A00	VCK	9	Visually Check Cowling Seals	C	ALL
71-10-00-220-001-A00	DET	9	Inspect (Detailed Inspection) Cowling Inboard/Outboard Attachment and Surrounding Structure	C	ALL
71-20-00-220-001-A00	DET	8	Inspect (Detailed Inspection) Engine Mounting Assy	C	ALL

CHAPTER 71 - POWER PLANT (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
71-60-01-211-001-A00	VCK	9	Visually Check Air Intake Attachment	C	ALL
71-60-01-211-002-A00	VCK	9	Visually Check Air Intake Rear Bulkhead and Fire Shield	C	ALL

CHAPTER 72 - ENGINE

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
72-00-00-970-001-A00	DRC	9	Engine Trend Download/Analysis	70 FC	ALL
72-21-01-220-001-A00	DET	9	Inspect (Detailed Inspection) Fan Blades	5000 FH	ALL
72-21-20-220-001-A00	DET	8	Inspect (Detailed Inspection) Fan Spinner Pre-Mod. Rolls-Royce SB 3007A-72-167	A	ALL
72-63-01-710-001-A00	OPC	9	Operationally Check Starter Drain Adapter Post-Mod. SB AE3007A-72-253 and Pre-Mod SB AE3007A-72-330	800 FH	ALL

CHAPTER 73 - ENGINE FUEL AND CONTROL

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
73-11-10-130-001-A00	RST	6	Clean Fuel Nozzles Except P/N 23075904, 23077006, 23087207, or 23090046	2000 FH	ALL
73-11-10-130-001-A01	RST	6	Clean Fuel Nozzles P/N 23075904, 23077006 , 23087207, or 23090046 Only.	10000 FH	ALL
73-21-00-211-001-A00	VCK	9	Visually Check Fuel Pump and Metering Unit for Fuel Leakage	2A	ALL
73-21-06-720-001-A00	FNC	9	Functionally Check Fuel Filter Impending Bypass Indicating System	3000 FH	ALL

CHAPTER 73 - ENGINE FUEL AND CONTROL (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
73-22-01-720-003-A00	FNC	9	Inspect Multi-Function Display for ENG() LT FAULT and ENG () SCHED MAINT REPAIR Maintenance Messages	500 FH	ALL
73-30-04-220-001-A00	DET	9	Inspect (Detailed Inspection) the FADEC Anti-Vibration Mounts	5000 FH	ALL

CHAPTER 74 - IGNITION

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
74-21-01-960-001-A00	DIS	6	Discard the igniters.	4000 FH	ALL

CHAPTER 76 - ENGINE CONTROLS

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
76-12-00-710-001-A00	OPC	8	Operationally Check WOW input signal to Fadec	2C	ALL
76-13-03-710-001-A00	OPC	8	Operationally Check Idle Lockout <u>NOTE:</u> Only for aircraft with Thrust Reversers.	A	ALL
76-20-00-710-001-A00	OPC	8	Operationally Check Emergency Shutdown System	5A	ALL

CHAPTER 78 - EXHAUST

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
78-10-01-212-002-A00	GVI	8	Inspect (Visual Inspection) Plain Exhaust Assy for Damage, Failure or Irregularities (for aircraft without Thrust Reversers only)	8000 FH	ALL
78-31-00-220-001-A00	DET	8	Inspect (Detailed Inspection) Thrust Reverser Structure	2C	ALL
78-32-00-211-001-A00	VCK	8	Visually Check Thrust Reverser 1RY and 3RY Locks	A	ALL



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CHAPTER 78 - EXHAUST (CONTINUED)

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
78-32-00-710-001-A00	OPC	8	Operationally Check Thrust Reverser 2RY and 3RY Locks	2A	ALL
78-33-00-720-001-A00	FNC	9	Functionally Check Thrust Reverser Control Lever Microswitches	2C	ALL
78-34-01-720-001-A00	FNC	8	Functionally Check Stow/Transit Thrust Reverser Microswitches for Insulation P/Ns 83-990-137, 83-990-152 and 83-990-166	1200 FH	ALL

CHAPTER 79 - OIL

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
79-27-00-211-001-A00	VCK	9	Visually Check Oil Plumbing	2C	ALL
79-34-00-212-001-A00	GVI	6	Inspect Multi-Function Display for ENG1(2) OIL DEBRIS Maintenance Message (Except for aircraft equipped with AE3007 A1E Engine) <u>NOTE:</u> This task is applicable to aircraft Pre- Mod SB 145-79-001 or Post-Mod SB 145-79-002 and Pre-Mod SB 145-79-003. Task performance must not exceed 30 days.	50 FH	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
79-34-00-212-001-A01	GVI	6	Inspect Multi-Function Display for ENG1(2) OIL DEBRIS Maintenance Message (Applicable to aircraft equipped with AE3007 A1E Engine only) <u>NOTE:</u> Task performance must not exceed 30 days.	70 FH	EMB-145XR
79-34-01-720-001-A00	FNC	9	Functionally Check Indicating Magnetic Plug Assembly	2C	ALL
79-37-00-720-001-A00	FNC	9	Functionally Check Oil Filter Impending Bypass Indicating System	2C	ALL

CHAPTER 80 - STARTING

<i>REFERENCE NUMBER</i>	<i>TYPE</i>	<i>CAT</i>	<i>DESCRIPTION</i>	<i>INT</i>	<i>EFFECTIVITY</i>
80-10-01-720-001-A00	FNC	6	Functionally Check Air Turbine Starter including oil servicing	A	ALL
80-10-02-160-001-A00	SVC	6	Clean Start Control Valve Filter Pre-Mod. SB 145-80-0003	2A	ALL
80-10-02-160-001-A01	SVC	6	Clean Start Control Valve Filter Post-Mod. SB 145-80-0003	C	ALL

SECTION 4

STRUCTURAL INSPECTION REQUIREMENTS

4.1 GENERAL

This section contains all Structural Inspection Requirements resulting from the MSG-3 analysis. These requirements consist of maintenance tasks and associated intervals developed according to the aircraft certified operating capabilities and are intended to detect and prevent any structural degradation caused by fatigue, environmental deterioration, or accidental damage during the aircraft operational life.

Detection of major accidental damage such as that caused by bird strike and large ground handling equipment is considered obvious through various tell-tale signs.

The Structural Inspection Requirements are based on an assessment of structural design information, fatigue and damage tolerance evaluations from Damage Tolerance Analysis Reports and service experience with similar structure and related results. The requirements also take into account the applicability and effectiveness of various methods of preventing, controlling or detecting structural deterioration like thresholds and repeated intervals.

Upon the performance of the inspection, each individual operator must take into account any type of damage occurrence, such as fatigue, environmental and accidental damage.

4.2 TYPES OF TASKS

The MSG-3 resulting tasks are established to provide timely detection and repair of structural damage which may occur during aircraft normal operation. Specific criteria for applicability and effectiveness lead to the following task definitions (According to ATA Spec 107 - Visual Inspection Guide):

TASK	DEFINITION
General Visual Inspection (GVI)	A visual examination of an interior or exterior area, installation or assembly to detect obvious damage, failure or irregularity. This level of inspection is made from within touching distance unless otherwise specified. A mirror may be necessary to enhance visual access to all exposed surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight or droplight and may require removal or opening of access panels or doors. Stands, ladders or platforms may be required to gain proximity to the area being checked.
Detailed Inspection (DET)	An intensive examination of a specific item, installation or assembly to detect damage, failure or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed, appropriate inspection aids such as mirrors, magnifying lenses, etc., may be used. Surface cleaning and elaborate access procedures may be required.
Special Detailed Inspection (SDE)	An intensive examination of a specific item(s), installation, or assembly to detect damage, failure or irregularity. The examination is likely to make extensive use of specialized inspection techniques and/or equipment. Intricate cleaning and substantial access or disassembly procedure may be required.

4.3 MAINTENANCE TASK INTERVALS

Task intervals are given in Flight Cycles (FC).

4.4 REPORTING OF INSPECTION RESULTS

Reports of structural significant defects should be submitted to the Regulatory Authorities, as required under their regulations. In addition, a structural inspection summary should be submitted to EMBRAER for inspection accomplished on all items of this section. All significant structural defects found should also be reported. Based on these reports, EMBRAER will evaluate and issue the results of the Structural Program fleet.

4.5 LIST OF SCHEDULED MAINTENANCE REQUIREMENTS PRESENTATION

The maintenance requirements are presented per chapter as below:

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
32-10-00-210-801-A00	GVI	Externally inspect these MAIN LANDING GEAR components: • Leg structure equipped (left) (SSI 32-10-01)	–	2500 FC	721/731	ALL
a	b	c	d	e	f	g

- a - REFERENCE NUMBER - Numbering as defined in 1.8.
- b - TYPE - Task type as defined in 4.2.
- c - DESCRIPTION - Description of the task to be performed.
- d - THRESHOLD - The first structural inspection as defined in 4.8.
- e - INTERVAL - Task interval as defined in 4.3.
- f - ZONE - Aircraft zone where the task is performed.
- g - EFFECTIVITY - Task effectivity as defined in 1.9.

4.6 LIST OF STRUCTURAL SIGNIFICANT ITEMS (SSIs)

SSI NUMBER	SSI DESCRIPTION
32-10-01	Leg structure, equipped (left) - MLG
32-10-02	Leg structure, equipped (right) - MLG
32-10-03	Trailing arm - MLG
32-10-04	Wheel axle - MLG
32-10-05	Shock absorber piston tube assy - MLG
32-10-06	Shock absorber cylinder assy - MLG
32-10-07	Upper main side strut assy - MLG
32-10-08	Lower main side strut assy - MLG
32-10-09	Upper secondary side strut assy - MLG
32-10-10	Lower secondary side strut assy - MLG
32-20-12	Strut (Main fitting) - NLG
32-20-13	Main drag strut top stay - NLG
32-20-14	Main drag strut bottom stay - NLG
32-20-15	Auxiliary drag strut top stay - NLG
32-20-16	Auxiliary drag strut bottom stay - NLG
32-20-17	Torque links - NLG
32-20-18	Sliding tube - NLG
32-20-19	Wheel axle - NLG
52-10-01	Main door structure
52-10-02	Main door folding flap structure
52-10-03	Main door stop & backup structure
52-10-04	Main door folding flap stops
52-10-05	Main door-to-fuselage attachment fittings & interface parts
52-10-06	Main door window frame

SSI NUMBER	SSI DESCRIPTION
52-10-07	Main door wheel housing
52-21-06	Escape hatch structure
52-21-07	Escape hatch window frame
52-30-08	Baggage door structure
52-30-09	Baggage door stops and fittings
52-43-10	Service door structure
52-43-11	Service door folding flap structure
52-43-12	Service door window frame
52-43-13	Service door stops & backup structure
52-43-14	Service door folding flap stops
52-43-15	Service door-to-fuselage attachment fittings & interface parts
52-44-01	Rear electronic compartment door structure
53-10-07	Fuselage skin panel at stringers, frames/bulkheads, and splices
53-10-08	Fuselage skin longitudinal splice
53-10-14	Fuselage skin circumferential splice
53-10-15	Fuselage skin panel at pressure bulkhead
53-10-17	Windshield cutout structure
53-10-18	Cockpit window cutout structure
53-10-19	Windshield center post, including its attachments and lower fitting
53-10-20	Windshield lateral post and its attachment
53-10-21	Windshield panel
53-10-22	Cockpit window rear post and its attachment
53-10-23	Bulkhead 1 structure
53-10-24	Nose landing gear bay structure
53-10-25	Nose landing gear fitting, including Bearing Cap and Trunnion Fitting
53-10-26	Forward pressure bulkhead



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SSI NUMBER	SSI DESCRIPTION
53-10-27	Cockpit floor beams and columns
53-10-43	Frames
53-10-44	Battery compartment cutout structure
53-10-45	Hydraulic compartment cutout structure
53-10-46	Longerons
53-10-49	Maintenance door cutout structure
53-20-01	Stops and backup structures for main door
53-20-02	Stops and backup structures for service door
53-20-04	Main door attachment fittings and interface parts
53-20-05	Service door attachment fittings and interface parts
53-20-06	Passenger cabin window frame
53-20-07	Fuselage skin panel at stringers, frames/bulkheads, and splices
53-20-08	Fuselage skin longitudinal splice
53-20-09	Passenger door cutout reinforcing structures
53-20-10	Service door cutout reinforcing structures
53-20-11	Passenger cabin floor beams and columns
53-20-12	Frame 15 & 18 LHS splices at stringers 3L & 16L
53-20-13	Stringer 6 & 16 splices at frames 20 & 22
53-20-14	Fuselage skin circumferential splice
53-20-16	Overwing Fuselage Skin Panel
53-20-29	Toilet Waste Drain Valve Support
53-20-30	Fuselage machined bulkhead
53-20-41	Fuselage skin longitudinal splices along main door cutout
53-20-42	Fuselage skin longitudinal splices along service door cutout
53-20-43	Frames
53-20-51	Skin and reinforcement around escape hatch cutout

SSI NUMBER	SSI DESCRIPTION
53-20-84	Machined frame at ventral fuel tank attachment points
53-20-85	Ventral fuel tank structure
53-20-86	Ventral fuel tank attachment points, including main bolts
53-20-87	Frontal Side of Ventral Fuel tank structure
53-30-03	Baggage door lateral L-shape
53-30-07	Fuselage skin panel at stringers, frames/bulkheads, and splices
53-30-08	Fuselage skin longitudinal splice
53-30-14	Fuselage skin circumferential splice
53-30-15	Fuselage skin panel at pressure bulkhead
53-30-28	Baggage compartment floor beams and columns
53-30-29	Toilet waste drain valve support
53-30-30	Fuselage machined bulkhead
53-30-35	Bulkhead-to-engine pylon attachment
53-30-36	Rear pressure bulkhead
53-30-38	Fuselage to vertical stabilizer spar attachment fitting
53-30-39	Tail cone frame at APU mounting attachment
53-30-40	APU mounting
53-30-43	Frames
53-30-48	Baggage door cutout structure
53-30-49	Rear electronic compartment door cutout structure
53-30-50	Tail cone access door cutout structure
53-32-01	L profile – Strake attachment
54-50-01	Pylon spars I, II, III and IV
54-50-02	Pylon yokes III and IV
54-50-03	FWD Engine mounts (including bolts)
54-50-04	Pylon Skin



MAINTENANCE REVIEW BOARD REPORT

SSI NUMBER	SSI DESCRIPTION
54-50-05	Pylon yokes I and II
54-50-06	Pylon yokes I and II upper flange
54-50-07	AFT Engine mounts (including bolts)
55-10-01	Skin, from fin to rib sta. YH=350 - upper surface
55-10-02	Skin, from rib sta. YH=350 to rib sta. YH=990 - upper surface
55-10-03	Skin, from rib sta. YH=990 to rib sta. YH=2965 - upper surface
55-10-04	Ribs, from rib sta. YH=30 to rib sta. YH=990
55-10-05	Ribs, from rib sta. YH=990 to rib sta. YH=2965
55-10-06	Skin, from fin to rib sta. YH=350 - lower surface
55-10-07	Skin, from rib sta. YH=350 to rib sta. YH=990 - lower surface
55-10-08	Skin, from rib sta. YH=990 to rib sta. YH=2965 - lower surface
55-10-09	Front spar web and cap, from fin to rib sta. YH=350 including center fitting/spar attachment
55-10-10	Front spar web and cap, from rib sta. YH=350 to rib sta. YH=2965
55-10-11	Front and rear auxiliary spar webs and caps, including center fitting/spar attachment
55-10-12	Rear spar web and cap. from fin to rib sta. YH=350 including center fitting/spar attachment
55-10-13	Rear spar web & cap, from rib sta. YH=350 to rib sta. YH=2965 including hinge stabilizer attachment to elevator
55-10-14	Support pulley central stabilizer
55-10-15	Elevator support fittings
55-10-16	Skin splice at upper and lower surfaces
55-10-17	Root rib
55-10-18	Rear spar center fitting
55-10-19	Front/rear auxiliary spar center fitting
55-10-20	Front spar center fitting
55-10-21	Fitting hinge support stabilizer
55-10-22	U-shape, L-shape and box structure - elevator command
55-10-23	Support quadrant assy, stabilizer

SSI NUMBER	SSI DESCRIPTION
55-10-24	Pin, internal and external hinge, stabilizer
55-20-25	Spars, between root and sta. YH=160
55-20-26	Skin, between root and sta. YH=160
55-20-27	Spars, between sta. YH=160 and sta. YH=3320
55-20-28	Skin, between sta. YH=160 and sta. YH=3320
55-20-29	Ribs, between root and sta. YH=160
55-20-30	Ribs, between sta. YH=160 and sta. YH=983.4
55-20-31	Ribs, between sta. YH=983.4 and sta. YH=1898
55-20-32	Ribs, between sta. YH=1898 and sta. YH=3001
55-20-33	Ribs, between sta. YH=3001 and sta. YH=3320
55-20-34	Torque tube fittings
55-20-35	Tab wheel drive support fittings
55-20-36	Tab hinge fittings
55-20-37	Tab
55-20-90	Elevator horn mass balance weights and attachments
55-30-38	Skin at spars 1, 2, auxiliary spar 41% and stringers 20% & 35.5% between fuselage & rib sta. ZV=1169
55-30-39	Skin at spar 3, auxiliary spar 52% and stringers 46.5% & 57.65%, between fuselage & rib sta. ZV=1169
55-30-40	Skin at spars 1, 2, auxiliary spar 41% and stringers 20% & 35.5% between ribs sta. ZV=1169 & sta. ZV=2799
55-30-41	Skin at spar 3, auxiliary spar 52% and stringers 46.5% & 57.65%, between ribs sta. ZV=1169 & sta. ZV=2799
55-30-42	Skin at spars 1, 2, auxiliary spar 41% and stringers 20% & 35.5% between rib sta. ZV=2799 & horizontal stabilizer
55-30-43	Skin at spar 3, auxiliary spar 52% and stringers 46.5% & 57.65%, between rib sta. ZV=2799 & horizontal stabilizer
55-30-44	Skin at windows from fuselage to sta. ZV=1169
55-30-45	Skin at windows between sta. ZV=1169 & sta. ZV=2799
55-30-46	Skin at windows between sta. ZV=2799 and horizontal stabilizer
55-30-47	Skin at ribs from fuselage to sta. ZV=1169
55-30-48	Skin at ribs. between sta. ZV=1169 and sta. ZV=2799

SSI NUMBER	SSI DESCRIPTION
55-30-49	Skin at ribs. between sta. ZV=2799 and horizontal stabilizer
55-30-50	Fin-to-horizontal stabilizer attachment fitting to spar 3
55-30-51	Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 52%
55-30-52	Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 41%
55-30-53	Spar 1 - tip rib attachment
55-30-54	Fin-to-fuselage attachment fitting to spar 3
55-30-55	Fin-to-fuselage attachment fitting to auxiliary spar 52%
55-30-56	Fin-to-fuselage attachment fitting to auxiliary spar 41%
55-30-57	Fin-to-fuselage attachment fitting to spar 2
55-30-58	Fin-to-fuselage attachment fitting to spar 1
55-30-59	Fin-to-fuselage attachment fitting to bulkhead 77
55-30-60	Fin-to-fuselage attachment fitting to bulkhead 78
55-30-61	Fin-to-fuselage attachment fitting to bulkhead 79
55-30-62	Fin-to-fuselage attachment fitting to bulkhead 80
55-30-63	Spar 3 (web and cap), from fuselage contour line to tip rib, including attachment bolts
55-30-64	Spar 52% (web and cap), from fuselage contour line to tip rib, including attachment bolts
55-30-65	Spar 41% (web and cap), from sta. ZV=2538 to tip rib, including attachment bolts
55-30-66	Spar 41% (web and cap) from fuselage to tip sta. ZV=1550.5, including attachment bolts
55-30-67	Spar 2 (web and cap). from fuselage contour line to tip rib sta. ZV=3015
55-30-68	Spar 1 (web and cap). from fuselage contour line to tip rib
55-30-69	Tip rib
55-30-70	Root rib, including bolts
55-30-71	Ribs of horizontal stabilizer actuators (sta. ZV=3145, ZV=3015 and ZV=2799)
55-30-72	Ribs of actuator area
55-30-73	Ribs (sta. ZV=3461, ZV=2538, ZV=1677, ZV=1550.5, ZV=1430.5, ZV=1423, ZV=1302, ZV=1169 and ZV=915)
55-30-74	Trailing edge ribs

SSI NUMBER	SSI DESCRIPTION
55-30-75	Fin-to-horizontal stabilizer support actuators, including bolts
55-30-76	Fitting hinge support
55-30-77	Rear spar actuator support fitting (elevator)
55-30-78	Rudder hinge fittings
55-30-79	Actuator support fittings (rudder)
55-30-80	PCU support fittings
55-40-81	Front spar - skin attachment (rudder I)
55-40-82	Rear spar - skin attachment (rudder I)
55-40-83	LT & RT skin - spar cap attachment (rudder I)
55-40-84	Ribs - skin attachment (rudder I)
55-40-85	Hinges - rudder I
55-40-86	Spar - skin attachment (rudder II)
55-40-87	LT & RT skin - spar cap attachment (rudder II)
55-40-88	Ribs - skin attachment (rudder II)
55-40-89	Hinges - rudder II
57-01-15	Wing stub - lower skin - rib 2A attachment
57-01-16	Wing stub - spar 1 - brackets ribs 2A attachments
57-01-17	Wing stub - spar 2 - brackets ribs 2A attachments
57-01-18	Wing stub - Rib2A - skin supports and their attachments to web, lower flange, and FWD & AFT web supports
57-01-19	Wing stub - upper skin - rib 2A attachments
57-10-01	Lower skin - spanwise splice at spar 2, access holes, stringers, integral milled panels & spanwise splice of integral panel
57-10-02	Lower skin - ribs 1, 2 & 3 attachments and tire compartment wall attachments
57-10-03	Spar 1 - lower skin attachments
57-10-04	Spar 1 - brackets ribs 1 and 3 attachments
57-10-05	Spar 1 - auxiliary cap attachments & auxiliary cap splice at wing attachments
57-10-06	Spar 2 - lower skin attachments



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SSI NUMBER	SSI DESCRIPTION
57-10-07	Spar 2 - center brackets & rib 2 attachments and ribs 1 & 3 web attachments
57-10-08	Spar 2 - auxiliary cap attachments and auxiliary cap splice at wing attachments
57-10-09	Spar 3 - lower skin attachments
57-10-10	Spar 3 - center bracket and rib 2 attachments
57-10-11	Rib 4 - lower flange and web
57-10-12	Rib 2 - longitudinal stringer-to-web attachments
57-10-13	Upper skin - rib 1 attachments and spanwise splice of integral panel
57-10-14	Upper skin - tire compartment composite panel
57-10-27	Spar 2 - brackets and rib 2A web attachments
57-11-15	Lower skin - rear fitting and integral rear fitting panel
57-11-16	Lower skin - rear fitting-to-skin attachments and rear fitting-to-stringer attachments
57-11-17	Lower skin - rear fitting-to-skin attachments and spars 1 & 2 - stub-to-wing attachments
57-11-18	Spar 1 - lower front fitting attachments and spar 2 - lower rear fitting attachments
57-11-19	Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments at frame 40, L shape fuselage frame 40 attachments & fuselage stringers attachments
57-11-20	Spar 2 - Titanium fitting attachments and fuselage bulkhead attachments at frame 46
57-11-21	Spar 3 - Fuselage bulkhead attachments at frame 50, L shape fuselage frame 50 attachments & fuselage stringers attachments
57-11-22	Spar 3 and rib 4 - rod-end link
57-11-23	Fuselage bulkhead at frame 40 and its attachments to frame 40
57-11-24	Fuselage bulkhead attachments to frame 46
57-11-25	Fuselage bulkhead at frame 50 and its attachments to frame 50
57-21-26	Skin panels
57-21-29	Lower skin panel chordwise joint
57-21-30	Lower skin panel spanwise joint
57-21-31	Upper skin panel spanwise joint

SSI NUMBER	SSI DESCRIPTION
57-21-32	Lower skin access holes
57-21-33	Lower vent hole
57-21-34	Actuator access holes
57-21-35	Gravity fuel hole
57-21-36	Lower skin/spar attachment
57-21-37	Upper skin/spar attachmen
57-21-38	Lower skin/wing stub attachment
57-21-39	Upper skin/wing stub attachment
57-22-40	Spar 1, web and stiffeners
57-22-41	Spar 1, cap
57-22-42	Spar 1, web cutouts
57-22-43	Spar 1/leading edge attachments
57-22-44	Spar 1/wing stub attachment
57-22-46	Front Spar attachment points
57-23-45	Spar 2, web and stiffeners
57-23-46	Spar 2, cap
57-23-47	Spar 2, web cutouts
57-23-48	Spar 2/wing stub attachments
57-23-50	Rear Spar attachment points
57-24-49	Spar 3, web and stiffeners
57-24-50	Spar 3, cap
57-24-51	Spar 3, web cutouts
57-24-52	Spar 3/wing stub attachment
57-25-53	Ribs, main box
57-25-54	Lower skin/rib attachment
57-25-55	Upper skin/rib attachment



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SSI NUMBER	SSI DESCRIPTION
57-25-57	Rib 25
57-26-56	FWD & AFT side brace fittings, MLG
57-26-94	Lower Bearing Cap
57-26-95	Aft upper Trunnion
57-26-96	Fwd upper Trunnion
57-28-57	Spar attachment, torque box
57-28-58	Lower skin, torque box
57-28-59	Flap track, torque box
57-28-60	Ribs, torque box
57-28-61	Upper skin, torque box
57-28-62	Tracks/ribs attachment, torque box
57-28-63	Spar 3 attachment, torque box 2
57-28-64	Ribs, torque box 3
57-28-65	Tracks/ribs attachment, torque box 3
57-28-66	Attachment lugs, aileron
57-28-67	Flap actuator attachment fittings
57-28-68	Attachment, center flap outboard track
57-28-69	Center track, rib 15 trailing edge
57-28-70	Attachment actuator lugs, inboard/outboard spoilers
57-29-71	Ribs, main landing gear bay (MLGB)
57-29-72	Skin/rib attachment, MLGB
57-41-94	Wing leading edge 1 skin
57-42-95	Wing leading edge 2 skin
57-43-96	Wing leading edge 3 skin
57-42-97	Wing leading edge 2 bottom skin at connections to lower rear girder & wing lower spar cap
57-41-98	Machined rib flange

SSI NUMBER	SSI DESCRIPTION
57-42-98	Machined rib flange
57-43-98	Machined rib flange
57-50-74	Fitting, root, spar, flaps
57-50-76	Roller attachment
57-50-77	Tracks/rib attachment; flaps
57-50-78	Flap Rollers and Torque boxes Rollers
57-50-80	Tracks, flaps
57-50-82	Skin between spars, flaps
57-52-73	Fitting tip spar, inboard flap
57-52-75	Pin and actuator lugs, inboard flap
57-52-78	Vane central fitting, inboard flap
57-52-79	Ribs/skin attachment, inboard flap
57-52-81	Vane inboard/outboard fittings, inboard flap
57-53-83	Fitting tip spar, outboard flap
57-53-84	Pin and actuator lugs, outboard flap
57-53-85	Vane central fitting, outboard flap
57-53-86	Ribs/skin attachment, outboard flap
57-53-87	Center ribs attachment, outboard flap
57-53-88	Vane inboard/outboard fittings, outboard flap
57-61-12	Aileron Actuator fittings
57-61-89	Hinges attachment, aileron
57-61-90	Actuator attachment, aileron
57-61-91	Spar cap, aileron
57-70-92	Hinges attachment, spoilers
57-70-93	Actuator attachment, spoilers

4.7 LIST OF SSI'S THAT WERE TRANSFERRED FROM STRUCTURAL INSPECTION PROGRAM TO ZONAL INSPECTION PROGRAM

SSI NUMBER	DESCRIPTION	REFERENCE NUMBER
32-10-07	Upper main brace strut assy - MLG	32-Z721-213-001-A00
32-10-08	Lower main brace strut assy - MLG	
52-21-07	Escape hatch window frame	52-Z812-213-001-A00
53-10-20	Windshield lateral post and its attachment	53-Z223-213-001-A00
53-30-08	Fuselage skin longitudinal splice	53-Z271-213-001-A00
53-30-36	DELETED FROM TABLE	
53-30-38	DELETED FROM TABLE	
55-10-14	Support pulley central stabilizer	55-Z321-214-001-A00
55-30-74	Trailing Edge Ribs	55-Z324-213-001-A00
57-22-44	DELETED FROM TABLE	
57-28-63	Spar 3 attachment, torque box 2	57-Z571-214-001-A00
57-22-42	Spar 1, web cutouts	57-Z513-214-001-A00
57-22-43	Spar 1 leading edge attachments	57-Z511-214-001-A00
57-50-82	Skin between spars, flaps	57-Z571-214-001-A00
57-53-85	Vane central fitting, outboard flap	57-Z572-214-001-A00
57-53-84	Pin and actuator lugs, outboard flap	
57-70-92	DELETED FROM TABLE	
57-50-82	DELETED FROM TABLE	
57-52-75	DELETED FROM TABLE	
57-52-78	DELETED FROM TABLE	

4.8 FATIGUE THRESHOLD

The first inspection (threshold) for fatigue damage corresponds to a period from the time of first entry into service to the timely detection of fatigue damage. These values of thresholds are applicable only to Structural Significant Items (SSI) previously analyzed by EMBRAER and covered by the Structural Section, where the inspection is controlled in flight cycles. Inspections directly related to fatigue damage detection, based on the MSG-3 analysis, Damage Tolerance Analysis and Full Scale Fatigue Test, will occur after a threshold(s) proposed by the manufacturer and approved by the regulatory authorities. Such thresholds have been established on the basis of the Full Scale Fatigue Test results factored by an appropriate scatter factor.

These are subject to further change as additional fatigue testing results are obtained.

The Fatigue Threshold values have also been included in the Airworthiness Limitation Requirements – section A2 of this document in order to establish a Fatigue Threshold Limit for all SSI's whose inspection is governed by fatigue concerns.

4.9 LIST OF SSIs FOR WHICH BOTH THE STRUCTURAL INSPECTION AND THE CPCP BASIC TASK ARE TO BE ACCOMPLISHED:

Some SSIs, for which FD (Fatigue Damage) is a critical source of damage according to the MSG-3 process have been selected to have the CPCP basic task performed, it being described in Corrosion Prevention and Control Program – CPCP, item 5.7, to control fatigue damage which is based on the damage tolerance evaluation, and keep corrosion at Corrosion Level 1 or better.

The CPCP basic task has to be performed at the same time as the fatigue inspection, starting from the first inspection (fatigue threshold), if applicable, and continuing with the fatigue-related inspections defined in each task, in order to guarantee the efficient corrosion control for these SSIs raising fatigue concerns.

For the tasks that cover these SSIs, a note has been included in the task description field to ensure the accomplishment of the basic task inspection together with the structural inspection.

The list below shows the SSIs and related fatigue tasks that have been selected to be accomplished together with the CPCP basic task:



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SSIs	REFERENCE NUMBER
52-10-04	52-10-00-220-801-A00
52-10-04	52-10-00-220-801-A01
52-43-11	52-43-00-210-801-A00
52-43-12	52-43-00-220-803-A00
52-43-13	52-43-00-220-805-A00
52-43-13	52-43-00-220-808-A00
52-43-13	52-43-00-220-812-A00
52-43-14	52-43-00-220-806-A00
52-43-14	52-43-00-220-810-A00
52-43-14	52-43-00-220-814-A00
53-20-01	53-21-00-220-803-A00
53-20-01	53-21-00-220-840-A00
53-20-01	53-21-00-220-847-A00
53-20-06	53-21-00-220-818-A00
53-20-06	53-21-00-220-849-A00
53-20-06	53-21-00-220-855-A00
53-20-08	53-21-00-220-824-A00
53-20-08	53-21-00-220-858-A00
53-20-09	53-21-00-220-819-A00
53-20-09	53-21-00-220-832-A00
53-20-10	53-21-00-220-820-A00
53-20-10	53-21-00-220-834-A00
53-20-12	53-21-00-220-806-A00
53-20-12	53-21-00-220-828-A00
53-20-12	53-21-00-220-862-A00
53-20-13	53-21-00-220-823-A00

SSIs	REFERENCE NUMBER
53-20-13	53-21-00-220-829-A00
53-20-13	53-21-00-220-865-A00
53-20-16	53-23-00-210-802-A00
53-20-16	53-23-00-210-810-A00
53-20-30	53-23-00-220-801-A00
53-20-30	53-23-00-220-813-A00
53-20-30	53-23-00-220-823-A00
53-20-30	53-23-00-220-824-A00
53-20-41	53-21-00-220-821-A00
53-20-41	53-21-00-220-838-A00
53-20-41	53-21-00-220-852-A00
53-20-42	53-21-00-220-822-A00
53-20-42	53-21-00-220-853-A00
53-30-07	53-31-00-220-806-A00
53-30-07	53-31-00-220-829-A00
53-30-07	53-31-00-220-847-A00
53-30-35	53-31-00-220-815-A00
53-30-35	53-31-00-220-835-A00
53-30-35	53-31-00-220-851-A00
53-30-36	53-31-00-220-812-A00
53-30-36	53-31-00-220-825-A00
53-30-36	53-31-00-220-852-A00
53-30-38	53-31-00-210-807-A00
53-30-48	53-31-00-220-816-A00
53-30-48	53-31-00-220-821-A00
53-30-48	53-31-00-220-826-A00

SSIs	REFERENCE NUMBER	SSIs	REFERENCE NUMBER
53-30-48	53-31-00-220-843-A00	57-10-05	57-10-00-220-803-A01
53-30-49	53-31-00-220-818-A00	57-10-05	57-10-00-220-816-A00
53-30-49	53-31-00-220-822-A00	57-10-05	57-10-00-220-827-A00
53-30-49	53-31-00-220-827-A00	57-10-05	57-10-00-220-828-A00
53-30-49	53-31-00-220-842-A00	57-10-06	57-10-00-220-808-A00
54-50-01	54-50-00-220-801-A00	57-10-06	57-10-00-220-811-A00
54-50-01	54-50-00-220-807-A00	57-10-06	57-10-00-220-820-A00
54-50-01	54-50-00-220-813-A00	57-10-06	57-10-00-220-833-A00
54-50-04	54-50-00-290-801-A00	57-10-06	57-10-00-220-835-A00
54-50-04	54-50-00-220-805-A00	57-10-06	57-10-00-220-836-A00
54-50-04	54-50-00-290-802-A00	57-10-06	57-10-00-220-833-A01
57-10-01	57-10-00-220-801-A00	57-10-08	57-10-00-220-812-A00
57-10-01	57-10-00-220-815-A00	57-11-17	57-11-00-220-817-A00
57-10-01	57-10-00-220-822-A00	57-11-17	57-11-00-220-828-A00
57-10-01	57-10-00-220-822-A01	57-11-17	57-11-00-220-839-A00
57-10-01	57-10-00-220-823-A00	57-11-17	57-11-00-220-841-A00
57-10-02	57-10-00-220-804-A00	57-11-18	57-11-00-220-808-A00
57-10-02	57-10-00-220-806-A00	57-11-18	57-11-00-220-826-A00
57-10-02	57-10-00-220-824-A00	57-11-18	57-11-00-220-831-A00
57-10-02	57-10-00-220-825-A00	57-11-18	57-11-00-220-836-A00
57-10-03	57-10-00-220-807-A00	57-11-18	57-11-00-220-837-A00
57-10-03	57-10-00-220-807-A01	57-11-18	57-11-00-220-838-A00
57-10-03	57-10-00-220-817-A00	57-11-18	57-11-00-220-842-A00
57-10-03	57-10-00-220-826-A00	57-11-19	57-11-00-220-811-A00
57-10-03	57-10-00-220-829-A00	57-11-19	57-11-00-220-825-A00
57-10-05	57-10-00-220-803-A00	57-11-19	57-11-00-220-843-A00



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SSIs	REFERENCE NUMBER
57-11-19	57-11-00-220-844-A00
57-11-20	57-11-00-220-820-A00
57-11-20	57-11-00-220-827-A00
57-11-20	57-11-00-220-846-A00
57-11-20	57-11-00-220-848-A00
57-11-21	57-11-00-220-813-A00
57-11-21	57-11-00-220-822-A00
57-11-21	57-11-00-220-823-A00
57-11-21	57-11-00-220-824-A00
57-11-21	57-11-00-220-849-A00
57-11-21	57-11-00-220-850-A00
57-11-21	57-11-00-220-851-A00
57-11-21	57-11-00-220-852-A00
57-11-22	57-11-00-220-818-A00
57-11-22	57-11-00-220-832-A00
57-11-22	57-11-00-220-853-A00
57-11-23	57-11-00-220-805-A00
57-11-23	57-11-00-220-829-A00
57-11-23	57-11-00-220-833-A00
57-11-23	57-11-00-220-854-A00
57-11-23	57-11-00-220-855-A00
57-11-23	57-11-00-220-857-A00
57-11-24	57-11-00-220-810-A00
57-11-24	57-11-00-220-819-A00
57-11-24	57-11-00-220-834-A00
57-11-24	57-11-00-220-835-A00

SSIs	REFERENCE NUMBER
57-11-24	57-11-00-220-858-A00
57-11-24	57-11-00-220-859-A00
57-11-24	57-11-00-220-860-A00
57-11-24	57-11-00-220-861-A00
57-11-25	57-11-00-220-809-A00
57-11-25	57-11-00-220-815-A00
57-11-25	57-11-00-220-862-A00
57-11-25	57-11-00-220-863-A00

CHAPTER 32 - LANDING GEAR

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
32-10-00-210-801-A00	GVI	Externally inspect the MAIN LANDING GEAR components: • Trailing arm - MLG (SSI 32-10-03)	–	5000 FC	721/731	ALL
32-10-00-220-801-A00	DET	Externally inspect the MAIN LANDING GEAR components: • Wheel axle - MLG (SSI 32-10-04)	–	2500 FC	721/731	ALL
32-20-00-210-801-A00	GVI	Externally inspect the NOSE LANDING GEAR components: • Strut (main fitting) - NLG (SSI 32-20-12)	–	5000 FC	711	ALL
32-20-00-210-802-A00	GVI	Externally inspect the NOSE LANDING GEAR components: • Auxiliary drag strut bottom stay (SSI 32-20-16)	–	5000 FC	711	ALL
32-20-00-210-803-A00	GVI	Externally inspect the NOSE LANDING GEAR components: • Main drag strut top stay - NLG (SSI 32-20-13)	–	5000 FC	711	ALL
32-20-00-210-804-A00	GVI	Externally inspect the NOSE LANDING GEAR components: • Auxiliary drag strut top stay - NLG (SSI 32-20-15)	–	5000 FC	711	ALL
32-20-00-210-805-A00	GVI	Externally inspect the NOSE LANDING GEAR components: • Torque links - NLG (SSI 32-20-17)	–	5000 FC	711	ALL
32-20-00-210-806-A00	GVI	Externally inspect the NOSE LANDING GEAR components: • Sliding tube - NLG (SSI 32-20-18)	–	2500 FC	711	ALL
32-20-00-220-801-A00	DET	Externally inspect the NOSE LANDING GEAR components: • Wheel axle (SSI 32-20-19)	–	2500 FC	711	ALL

CHAPTER 52 - DOORS (STANDARD MODEL)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-10-00-220-801-A00	DET	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Main door folding flap stops (SSI 52-10-04) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	–	5000 FC	811	ALL
52-10-00-220-802-A00	DET	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	20000	10000 FC	811	EMB-145XR
52-10-00-220-803-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	20000	5000 FC	811	EMB-145XR
52-10-00-220-804-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)	20000	2502 FC	811	EMB-145XR
52-10-00-220-805-A00	DET	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)	20000	5000 FC	811	EMB-145XR
52-10-00-220-806-A00	DET	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Main door folding flap structure (SSI 52-10-02)	–	10000 FC	811	ALL
52-10-00-220-807-A00	DET	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Main door structure (SSI 52-10-01)	–	5000 FC	811	ALL
52-10-00-220-808-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Main door folding flap structure (SSI 52-10-02)	–	5000 FC	811	ALL

CHAPTER 52 - DOORS (STANDARD MODEL) (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-10-00-220-809-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)	30000	2502 FC	811	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-10-00-220-810-A00	DET	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)	30000	5000 FC	811	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-10-00-220-811-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	30000	5000 FC	811	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-10-00-220-812-A00	DET	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	30000	10000 FC	811	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 52 - DOORS (STANDARD MODEL) (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-10-00-220-813-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	30000	5000 FC	811	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-10-00-220-814-A00	DET	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	30000	10000 FC	811	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-10-00-220-815-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)	30000	2502 FC	811	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-10-00-220-816-A00	DET	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)	30000	5000 FC	811	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 52 - DOORS (SIDE-HINGED MODEL)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-10-00-220-801-A01	DET	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door folding flap stops (SSI 52-10-04) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.		5000 FC	811	ALL

CHAPTER 52 - DOORS (SIDE-HINGED MODEL) (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-10-00-220-802-A01	DET	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door folding flap structure (SSI 52-10-02)	–	10000 FC	811	ALL
52-10-00-220-803-A01	DET	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)	20000	2502 FC	811	EMB-145XR
52-10-00-220-804-A01	DET	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)	20000	4447 FC	811	EMB-145XR
52-10-00-220-805-A01	DET	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door structure (SSI 52-10-01)	–	4447 FC	811	ALL
52-10-00-220-806-A01	DET	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door structure (SSI 52-10-01)	–	4447 FC	811	ALL
52-10-00-220-807-A01	DET	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door folding flap structure (SSI 52-10-02)	–	10000 FC	811	ALL
52-10-00-220-808-A01	DET	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)	30000	2502 FC	811	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 52 - DOORS (SIDE-HINGED MODEL) (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-10-00-220-809-A01	DET	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)	30000	4447 FC	811	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-10-00-220-810-A01	DET	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)	30000	2502 FC	811	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-10-00-220-811-A01	DET	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)	30000	4447 FC	811	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 52 - DOORS

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-21-00-220-801-A00	DET	Externally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)	19000	5000 FC	812/822	EMB-145XR
52-21-00-220-802-A00	DET	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)	19000	5060 FC	812/822	EMB-145XR

CHAPTER 52 - DOORS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-21-00-220-803-A00	DET	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch window frame (SSI 52-21-07)	20000	6060 FC	812/822	EMB-145XR
52-21-00-220-804-A00	DET	Externally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)	30000	5000 FC	812/822	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-21-00-220-805-A00	DET	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)	30000	5060 FC	812/822	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-21-00-220-806-A00	DET	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch window frame (SSI 52-21-07)	30000	6060 FC	812/822	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-21-00-220-807-A00	DET	Externally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)	30000	5000 FC	812/822	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 52 - DOORS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-21-00-220-808-A00	DET	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)	30000	5060 FC	812/822	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-21-00-220-809-A00	DET	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch window frame (SSI 52-21-07)	30000	6060 FC	812/822	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-30-00-220-801-A00	DET	Internally inspect the BAGGAGE DOOR components: • Baggage door stops and fittings (SSI 52-30-09)	20000	4318 FC	813	EMB-145XR
52-30-00-220-802-A00	DET	Internally inspect the BAGGAGE DOOR components: • Baggage door stops and fittings (SSI 52-30-09)	30000	4318 FC	813	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-30-00-220-803-A00	DET	Internally inspect the BAGGAGE DOOR components: • Baggage door stops and fittings (SSI 52-30-09)	30000	4318 FC	813	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-43-00-210-801-A00	GVI	Internally inspect the SERVICE DOOR components: • Service door folding flap structure (SSI 52-43-11) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	–	10000 FC	821	ALL
52-43-00-210-802-A00	GVI	Externally inspect the SERVICE DOOR components: • Service door folding flap structure (SSI 52-43-11)	–	10000 FC	821	ALL

CHAPTER 52 - DOORS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-43-00-220-801-A00	DET	Externally inspect the SERVICE DOOR components: • Service door window frame (SSI 52-43-12)	–	5000 FC	821	ALL
52-43-00-220-802-A00	DET	Externally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14)	20000	4975 FC	821	EMB-145XR
52-43-00-220-803-A00	DET	Internally inspect the SERVICE DOOR components: • Service door window frame (SSI 52-43-12) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	–	5000 FC	821	ALL
52-43-00-220-804-A00	DET	Externally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13)	20000	2465 FC	821	EMB-145XR
52-43-00-220-805-A00	DET	Internally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	20000	4640 FC	821	EMB-145XR
52-43-00-220-806-A00	DET	Internally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	20000	5000 FC	821	EMB-145XR
52-43-00-220-807-A00	DET	Externally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13)	22000	2465 FC	821	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR



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CHAPTER 52 - DOORS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-43-00-220-808-A00	DET	Internally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	22000	4640 FC	821	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-43-00-220-809-A00	DET	Externally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14)	30000	4975 FC	821	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-43-00-220-810-A00	DET	Internally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	821	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
52-43-00-220-811-A00	DET	Externally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13)	22250	2465 FC	821	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 52 - DOORS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
52-43-00-220-812-A00	DET	Internally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	22250	4640 FC	821	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-43-00-220-813-A00	DET	Externally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14)	30000	4975 FC	821	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-43-00-220-814-A00	DET	Internally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	821	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
52-44-00-220-801-A00	DET	Externally inspect the REAR ELECTRONIC COMPARTMENT DOOR components: • Rear electronic compartment door structure (SSI 52-44-01)	12000	10000 FC	272	ALL
52-44-00-220-802-A00	DET	Internally inspect the REAR ELECTRONIC COMPARTMENT DOOR components: • Rear electronic compartment door structure (SSI 52-44-01)	12000	10000 FC	272	ALL

CHAPTER 53 - FUSELAGE

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-11-00-220-801-A00	DET	Internally inspect the FUSELAGE component: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)	30000	10000 FC	213/214	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-11-00-220-802-A00	DET	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)	18000	10000 FC	115/116 215/216	EMB-145XR
53-11-00-220-803-A00	DET	Internally inspect the FUSELAGE component: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)	30000	10000 FC	213/214	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-11-00-220-804-A00	DET	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)	24000	10000 FC	115/116 215/216	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-11-00-220-805-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-10-43)	–	19737 FC	113/114 213/214	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-11-00-220-806-A00	DET	Internally inspect the FUSELAGE components: • Longerons (SSI 53-10-46)	30000	18831 FC	113/114	EMB-145XR
53-11-00-220-807-A00	DET	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)	24000	10000 FC	115/116 215/216	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-11-00-220-808-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-10-43)	30000	19737 FC	113/114 213/214	EMB-145XR
53-12-00-210-801-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-53-0051 and Pre-Mod. SB 145-53-0067.	22000	328 FC	123/124 223/224	ALL
53-12-00-220-802-A00	DET	Internally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)	10000	5896 FC	223/224	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-12-00-220-803-A00	DET	Internally inspect the FUSELAGE components: • Windshield center post, including its attachment and lower fitting (SSI 53-10-19)	–	5896 FC	223/224	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-12-00-220-804-A00	DET	Internally inspect the FUSELAGE components: • Cockpit window cutout structure (SSI 53-10-18)	–	6666 FC	223/224 225/226	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-12-00-220-805-A00	DET	Internally inspect the FUSELAGE components: • Windshield lateral post and its attachment (SSI 53-10-20)	30000	6666 FC	223/224	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-12-00-220-806-A00	DET	Internally inspect the FUSELAGE components: • Cockpit window rear post and its attachment (SSI 53-10-22)	–	6666 FC	223/224	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-12-00-220-807-A00	DET	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)	18000	10000 FC	121/122	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-12-00-220-808-A00	DET	Internally inspect the FUSELAGE components: • Windshield center post, including its attachments and lower fitting (SSI 53-10-19) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-53-0007.	12000	4000 FC	221/222	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-12-00-220-808-A01	DET	Internally inspect the FUSELAGE components: • Windshield center post, including its attachments and lower fitting (SSI 53-10-19) <u>NOTE:</u> Applicable to aircraft Post -Mod. SB 145-53-0007.	20000	10000 FC	221/222	EMB-145XR
53-12-00-220-808-A02	DET	Internally inspect the FUSELAGE components: • Windshield center post, including its attach-ments and lower fitting (SSI 53-10-19) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB 145-53-0007.	26166	10000 FC	221/222	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-12-00-220-809-A00	DET	Internally inspect the FUSELAGE components: • Cockpit floor beams and columns (SSI 53-10-27)	—	10000 FC	123/124	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-12-00-220-810-A00	DET	Internally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)	20000	5896 FC	225/226	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-12-00-220-811-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-10-43)	–	10000 FC	223/224	ALL
53-12-00-220-812-A00	DET	Internally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)	12929	12000 FC	225/226	EMB-145XR
53-12-00-220-813-A00	DET	Internally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)	12929	12000 FC	223/224	EMB-145XR
53-12-00-220-814-A00	DET	Internally inspect the FUSELAGE components: • Windshield center post, including its attachment and lower fitting (SSI 53-10-19)	–	12929 FC	223/224	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-12-00-220-815-A00	DET	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)	18000	9933 FC	221/222	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-12-00-220-816-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07) NOTE: Applicable to aircraft Post-Mod. SB 145-53-0051 or Post-Mod. SB 145-53-0067.	—	10000 FC	123/124 223/224	ALL
53-12-00-220-817-A00	DET	Internally inspect the FUSELAGE components: • Windshield lateral post and its attachment (SSI 53-10-20)	30000	6666 FC	223/224	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-12-00-220-818-A00	DET	Internally inspect the FUSELAGE components: • Windshield center post, including its attachments and lower fitting (SSI 53-10-19) <u>NOTE</u> : Applicable to aircraft Post -Mod. SB 145-53-0007.	26000	10000 FC	221/222	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-12-00-220-819-A00	DET	Internally inspect the FUSELAGE components: • Cockpit window cutout structure (SSI 53-10-18)	11000	6666 FC	223/224 225/226	EMB-145XR
53-12-00-220-820-A00	DET	Internally inspect the FUSELAGE components: • Cockpit window rear post and its attachment (SSI 53-10-22)	30000	6666 FC	223/224	EMB-145XR
53-12-00-220-821-A00	DET	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)	24000	10000 FC	121/122	EMB-145XR
53-12-00-220-822-A00	DET	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)	24000	9933 FC	221/222	EMB-145XR
53-12-00-220-823-A00	DET	Internally inspect the FUSELAGE components: • Cockpit floor beams and columns (SSI 53-10-27)	25395	10000 FC	123/124	EMB-145XR
53-12-00-250-801-A00	SDE	Internally inspect the FUSELAGE components using Eddy Current inspection method: • Windshield center post, including its attachment and lower fitting (SSI 53-10-19) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB145-53-0058 and the inspection shall be performed on the Eyelet fitting "Only".	20000	2672 FC	223/224	ALL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-12-00-250-801-A01	SDE	Internally inspect the FUSELAGE components using Eddy Current inspection method: • Windshield center post, including its attachment and lower fitting (SSI 53-10-19) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB145-53-0058 and the inspection shall be performed on the Eyelet fitting "Only".	–	30000 FC	223/224	ALL
53-21-00-210-801-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	29400	5000 FC	131/132	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-210-805-A00	GVI	Internally inspect the FUSELAGE components: • Main door attachment fittings and interface parts (SSI 53-20-04)	–	10000 FC	231	ALL
53-21-00-210-806-A00	GVI	Internally inspect the FUSELAGE components: • Service door attachment fittings and interface parts (SSI 53-20-05)	–	10000 FC	232	ALL
53-21-00-210-811-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	29000	5000 FC	131/132	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-802-A00	DET	Externally inspect the FUSELAGE components: • Stops and backup structures for main door (SSI 53-20-01)	25141	3735 FC	231	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-803-A00	DET	Internally inspect the FUSELAGE components: • Stops and backup structure for main door (SSI 53-20-01) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	25395	5000 FC	231	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-805-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	10000	9816 FC	233/234	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-806-A00	DET	Internally inspect the FUSELAGE components: • Frame 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	2979 FC	231 233	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-807-A00	DET	Externally inspect the FUSELAGE components: • Service door cutout reinforcing structure (SSI 53-20-10) <u>NOTE:</u> Remove the bumper plate, if installed.	12000	5000 FC	132 232 234	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-811-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splice along main door cutout (SSI 53-20-41)	–	5000 FC	231	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-812-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splice along service door cutout (SSI 53-20-42)	–	5000 FC	232	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-813-A00	DET	Externally inspect the FUSELAGE components: • Stops and backup structures for service door (SSI 53-20-02)	–	5000 FC	232	ALL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-814-A00	DET	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	30000	2500 FC	231	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-815-A00	DET	Externally inspect the FUSELAGE components: • Passenger door cutout reinforcing structure (SSI 53-20-09)	13000	5000 FC	131 231 233	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-816-A00	DET	Externally inspect the FUSELAGE components: • Frames 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12)	30000	2764 FC	231 233	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-817-A00	DET	Externally inspect the FUSELAGE components: • Stringers 6 & 16 splices at frames 20 & 22 (SSI 53-20-13)	30000	2764 FC	232	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-818-A00	DET	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	20000	5000 FC	231	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-819-A00	DET	Internally inspect the FUSELAGE components: • Passenger door cutout reinforcing structures (SSI 53-20-09) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	10000	5000 FC	131 231 233	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-820-A00	DET	Internally inspect the FUSELAGE components: • Service door cutout reinforcing structures (SSI 53-20-10) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	10000	5000 FC	132 232 234	EMB-145EP EMB-145EU EMB-145ER EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-821-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along main door cutout (SSI 53-20-41) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	4932 FC	231	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-822-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along service door cutout (SSI 53-20-42) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	232	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-823-A00	DET	Internally inspect the FUSELAGE components: • Stringer 6 & 16 splices at frames 20 & 22 (SSI 53-20-13) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	2979 FC	232	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-824-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	20000	10000 FC	131/132 231/232	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-825-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	20000	9816 FC	231/232	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-826-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	18000	10000 FC	233/234	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-827-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	20000	10000 FC	233/234	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR
53-21-00-220-828-A00	DET	Internally inspect the FUSELAGE components: • Frame 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI	30000	2979 FC	231 233	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-829-A00	DET	Internally inspect the FUSELAGE components: • Stringer 6 & 16 splices at frames 20 & 22 (SSI 53-20-13) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	2979 FC	232	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-830-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	10000 FC	231/232	EMB-145XR
53-21-00-220-831-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	10000 FC	233/234	EMB-145XR
53-21-00-220-832-A00	DET	Internally inspect the FUSELAGE components: • Passenger door cutout reinforcing structures (SSI 53-20-09) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.1.	19808	5000 FC	131 231 233	EMB-145XR
53-21-00-220-833-A00	DET	Externally inspect the FUSELAGE components: • Passenger door cutout reinforcing structure (SSI 53-20-09)	19000	5000 FC	131 231 233	EMB-145XR
53-21-00-220-834-A00	DET	Internally inspect the FUSELAGE components: • Service door cutout reinforcing structures (SSI 53-20-10) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	21332	5000 FC	132 232 234	EMB-145XR
53-21-00-220-835-A00	DET	Externally inspect the FUSELAGE components: • Service door cutout reinforcing structures (SSI 53-20-10) <u>NOTE</u> : Remove the bumper plate, if installed.	21332	5000 FC	132 232 234	EMB-145XR
53-21-00-220-836-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	–	10000 FC	233/234	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-837-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along main door cutout (SSI 53-20-41)	30000	5000 FC	231	EMB-145XR
53-21-00-220-838-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along main door cutout (SSI 53-20-41) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	4965 FC	231	EMB-145XR
53-21-00-220-839-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	5000 FC	231/232 233/234	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-840-A00	DET	Internally inspect the FUSELAGE components: • Stops and backup structure for main door (SSI 53-20-01) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	231	EMB-145XR
53-21-00-220-841-A00	DET	Externally inspect the FUSELAGE components: • Stops and backup structures for main door (SSI 53-20-01)	28500	4180 FC	231	EMB-145XR
53-21-00-220-842-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	18000	9816 FC	233/234	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-843-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	21900	5000 FC	131/132	EMB-145XR
53-21-00-220-844-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	18538	5000 FC	231/232	EMB-145XR
53-21-00-220-845-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	7453	5000 FC	233/234	EMB-145XR
53-21-00-220-846-A00	DET	Externally inspect the FUSELAGE components: • Stops and backup structures for main door (SSI 53-20-01)	25000	3735 FC	231	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-847-A00	DET	Internally inspect the FUSELAGE components: • Stops and backup structure for main door (SSI 53-20-01) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	25000	5000 FC	231	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-848-A00	DET	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	30000	2500 FC	231	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-849-A00	DET	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	231	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-850-A00	DET	Externally inspect the FUSELAGE components: • Frames 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12)	30000	2764 FC	231 233	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-851-A00	DET	Externally inspect the FUSELAGE components: • Stringers 6 & 16 splices at frames 20 & 22 (SSI 53-20-13)	30000	2764 FC	232	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-852-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along main door cutout (SSI 53-20-41) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	4932 FC	231	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-853-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along service door cutout (SSI 53-20-42) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	232	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-21-00-220-854-A00	DET	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	26700	2500 FC	231	EMB-145XR
53-21-00-220-855-A00	DET	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	26700	5000 FC	231	EMB-145XR
53-21-00-220-856-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	21331	5000 FC	231/232	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-857-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	10000	5000 FC	233/234	EMB-135ER EMB-135LR EMB-135KE EMB-135KL



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-858-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	131/132 231/232	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-859-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	30000	10000 FC	233/234	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-860-A00	DET	Externally inspect the FUSELAGE components: • Passenger door cutout reinforcing structure (SSI 53-20-09)	22855	5000 FC	131/231/ 233	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-861-A00	DET	Externally inspect the FUSELAGE components: • Service door cutout reinforcing structure (SSI 53-20-10) <u>NOTE</u> : Remove the bumper plate, if installed.	25141	5000 FC	132/232/ 234	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-862-A00	DET	Internally inspect the FUSELAGE components: • Frame 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI	22094	2979 FC	231/233	EMB-145XR
53-21-00-220-863-A00	DET	Externally inspect the FUSELAGE components: • Frames 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12)	22094	2764 FC	231/233	EMB-145XR
53-21-00-220-864-A00	DET	Externally inspect the FUSELAGE components: • Stringers 6 & 16 splices at frames 20 & 22 (SSI 53-20-13)	21840	2764 FC	232	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-21-00-220-865-A00	DET	Internally inspect the FUSELAGE components: Stringer 6 & 16 splices at frames 20 & 22 (SSI 53-20-13) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	21840	2979 FC	232	EMB-145XR
53-21-00-220-866-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splice along main door cutout (SSI 53-20-41)	30000	5000 FC	231	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-220-867-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splice along service door cutout (SSI 53-20-42)	30000	5000 FC	232	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-22-00-210-801-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	2500 FC	141/142 243/244	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-22-00-210-803-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringer, frames/bulkheads, and splices (SSI 53-20-07)	30000	2500 FC	241/242	EMB-145XR
53-22-00-210-804-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringer, frames/bulkheads, and splices (SSI 53-20-07)	30000	3831 FC	241/242	EMB-135ER EMB-135LR EMB-135KE EMB-135KL



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-22-00-210-805-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringer, frames/bulkheads, and splices (SSI 53-20-07)	30000	2500 FC	141/142 241/242 243/244	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145EU EMB-145EP EMB-145ER
53-22-00-220-801-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	243/244	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-22-00-220-802-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	–	10000 FC	243/244	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-22-00-220-803-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	–	10000 FC	243/244	ALL
53-22-00-220-805-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	–	8102 FC	243/244	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-22-00-220-806-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	243/244	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145EU EMB-145EP EMB-145ER
53-22-00-220-807-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	30000	10000 FC	243/244	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-210-802-A00	GVI	Internally inspect the FUSELAGE components: • Overwing fuselage skin panel (SSI 53-20-16) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	–	10000 FC	251/252	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-210-803-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	3388 FC	253/254	EMB-135ER EMB-135LR EMB-135KE EMB-135KL



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-23-00-210-804-A00	GVI	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	28816	4125 FC	251/252	EMB-145XR
53-23-00-210-805-A00	GVI	Externally inspect the FUSELAGE components: • Overwing fuselage skin panel (SSI 53-20-16)	–	9167 FC	251/252	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-210-807-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	4490 FC	253/254	EMB-145EP EMB-145ER EMB-145EU
53-23-00-210-808-A00	GVI	Externally inspect the FUSELAGE components: • Overwing Fuselage skin panel (SSI 53-20-16)	–	10000 FC	251/252	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-23-00-210-809-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	30000	3388 FC	253/254	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-23-00-210-810-A00	GVI	Internally inspect the FUSELAGE components: • Overwing fuselage skin panel (SSI 53-20-16) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	251/252	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-23-00-220-801-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	151/152 153/154	EMB-145XR
53-23-00-220-802-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	253/254	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-220-803-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	6140 FC	251/252	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-220-804-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	–	10000 FC	253/254	ALL
53-23-00-220-805-A00	DET	Externally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51)	–	5000 FC	251/252	EMB-145EP EMB-145ER EMB-145EU
53-23-00-220-806-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	20000 FC	251/252	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-220-807-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	251/252	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-23-00-220-808-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	30000	10000 FC	251/252 253/254	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-23-00-220-810-A00	DET	Internally inspect the FUSELAGE components: • Machined frame at ventral fuel tank attachment points (SSI 53-20-84)	–	10000 FC	153/154 251/252	EMB-145XR
53-23-00-220-811-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frame/bulkheads, and splices (SSI 53-20-07)	30000	5000 FC	253/254	EMB-145XR
53-23-00-220-812-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	–	10000 FC	251/252 253/254	EMB-145XR
53-23-00-220-813-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9167 FC	151/152 153/154	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-220-814-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	30000	9443 FC	251/252 253/254	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-220-815-A00	DET	Externally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51)	–	4725 FC	251/252	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-220-816-A00	DET	Externally inspect the FUSELAGE components: • Overwing fuselage skin panel (SSI 53-20-16)	30000	10000 FC	251/252	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-23-00-220-817-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	6428 FC	251/252	EMB-145XR
53-23-00-220-818-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	18790	2571 FC	253/254	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-23-00-220-819-A00	DET	Externally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	4725 FC	251/252	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-23-00-220-819-A01	DET	Externally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	3670 FC	251/252	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-23-00-220-820-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	6140 FC	251/252	EMB-145EP EMB-145ER EMB-145EU
53-23-00-220-821-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	20000 FC	251/252	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-23-00-220-822-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	253/254	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-23-00-220-823-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	151/152 153/154	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-23-00-220-824-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9167 FC	151/152 153/154	EMB-145EP EMB-145ER EMB-145EU
53-23-00-220-825-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	30000	9443 FC	251/252 253/254	EMB-145EP EMB-145ER EMB-145EU
53-23-00-220-826-A00	DET	Externally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51)	30000	5000 FC	251/252	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-24-00-210-801-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	5000 FC	263/264	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-24-00-210-803-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices.(SSI 53-20-07)	30000	5000 FC	161/162 261/262	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-24-00-210-804-A00	GVI	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	–	10000 FC	263/264	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB145MK EMB145MP EMB145MR
53-24-00-210-806-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	4750 FC	263/264	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-24-00-210-807-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	24300	3077 FC	263/264	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-24-00-210-808-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	10000 FC	161/162	EMB-145XR
53-24-00-210-810-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	5543 FC	261/262	EMB-145XR
53-24-00-210-811-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices.(SSI 53-20-07)	30000	5000 FC	161/162 261/262	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-24-00-210-812-A00	GVI	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	30000	10000 FC	263/264	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-24-00-220-801-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	263/264	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-24-00-220-802-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	–	10000 FC	263/264	EMB-145EP EMB-145ER EMB-145EU EMB-145XR
53-24-00-220-803-A00	DET	Internally inspect the FUSELAGE components: • Machined frame at ventral fuel tank attachment points (SSI 53-20-84)	30000	10000 FC	161/162	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-24-00-220-805-A00	DET	Externally inspect the VENTRAL FUEL TANK components: • Ventral Fuel Tank Attachment Points, including main bolts (SSI 53-20-86)	–	9958 FC	196	EMB-145XR
53-24-00-220-806-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	30000	9521 FC	263/264	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-24-00-220-806-A01	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	30000	5337 FC	263/264	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-24-00-220-807-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	–	9521 FC	263/264	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-24-00-220-808-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	–	5732 FC	261/262	EMB-145EP EMB-145ER EMB-145EU
53-24-00-220-809-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	19046	10000 FC	263/264	EMB-145XR
53-24-00-220-810-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	263/264	EMB-145EP EMB-145ER EMB-145EU
53-24-00-220-811-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	24300	10000 FC	263/264	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-24-00-220-812-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	30000	10000 FC	263/264	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-210-802-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	20000	5000 FC	273/274	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-210-804-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	20000	10000 FC	171/172	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-210-805-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	20000	10000 FC	271/272	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-210-806-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	20000	10000 FC	271/272 273/274	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-210-807-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	–	10000 FC	273/274	ALL
53-31-00-210-808-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	30000	5000 FC	273/274	EMB-145EP EMB-145ER EMB-145EU

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-210-809-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07) <u>NOTE:</u> Remove bumper plate, if installed.	–	5000 FC	171/172	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-210-810-A00	GVI	Internally inspect the FUSELAGE components: • Baggage compartment floor beams and columns (SSI 53-30-28)	14000	8416 FC	171/172	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-210-811-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	30000	5000 FC	273/274	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-210-812-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	20000	5000 FC	273/274	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-210-813-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	–	5000 FC	271/272 273/274	EMB-145XR
53-31-00-210-814-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	–	10000 FC	171/172	EMB-145XR
53-31-00-210-815-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	–	10000 FC	271/272	EMB-145XR
53-31-00-210-816-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	–	5000 FC	273/274	EMB-145XR
53-31-00-210-817-A00	GVI	Internally inspect the FUSELAGE components: • Baggage compartment floor beams and columns (SSI 53-30-28)	–	10000 FC	171/172	EMB-145XR
53-31-00-210-818-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	–	10000 FC	171/172 271/272 273/274	EMB-145XR
53-31-00-210-819-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/ bulkheads, and splices (SSI 53-30-07) <u>NOTE</u> : Remove bumper plate, if installed.	–	5000 FC	171/172	EMB-145XR
53-31-00-210-820-A00	GVI	Internally inspect the FUSELAGE components: • Baggage compartment floor beams and columns (SSI 53-30-28)	10000	10000 FC	171/172	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-210-821-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	30000	5000 FC	273/274	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-210-822-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	30000	10000 FC	171/172 271/272	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-210-823-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	30000	10000 FC	271/272 273/274	EMB-145EP EMB-145EU EMB-145ER EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-220-802-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	20000	10000 FC	271/272	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-220-803-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	–	10000 FC	271/272	ALL
53-31-00-220-804-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	20000	10000 FC	273/274	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-806-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	14000	10000 FC	271/272	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-807-A00	DET	Internally inspect the FUSELAGE components: • Baggage door lateral L-shape. (SSI 53-30-03)	–	9199 FC	271	EMB-145EP EMB-145ER EMB-145EU
53-31-00-220-808-A00	DET	Externally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48)	–	2500 FC	271	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-145ER EMB-145EU EMB-145EP
53-31-00-220-809-A00	DET	Externally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49)	12000	10000 FC	272	EMB-145EP EMB-145ER EMB-145EU

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-220-810-A00	DET	Internally inspect the FUSELAGE components: • Baggage door lateral L-shape (SSI 53-30-03)	–	7093 FC	271	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-220-811-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	20000	5000 FC	171/172	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-812-A00	DET	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	20000	8778 FC	273/274 275/276	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-813-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	20000	10000 FC	273/274	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-814-A00	DET	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)	20000	10000 FC	273/274	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-815-A00	DET	Internally inspect the FUSELAGE components: • Bulkhead-to-engine pylon attachment (SSI 53-30-35) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	20000	6256 FC	271/272	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-816-A00	DET	Internally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	7091 FC	271	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-220-818-A00	DET	Internally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	12000	7342 FC	272	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-220-819-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	–	5000 FC	271/272	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-820-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	14000	10000 FC	273/274	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-821-A00	DET	Internally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9199 FC	271	EMB-145EP EMB-145ER EMB-145EU
53-31-00-220-822-A00	DET	Internally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	12000	8193 FC	272	EMB-145EP EMB-145ER EMB-145EU

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-220-823-A00	DET	Externally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48)	–	2228 FC	271	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-824-A00	DET	Externally inspect the FUSELAGE components: • Baggage door lateral L-shape (SSI 53-30-03)	–	4038 FC	271	EMB-145XR
53-31-00-220-825-A00	DET	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	8778 FC	273/274 275/276	EMB-145XR
53-31-00-220-826-A00	DET	Internally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	5468 FC	271	EMB-145XR
53-31-00-220-827-A00	DET	Internally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	5735 FC	272	EMB-145XR
53-31-00-220-828-A00	DET	Externally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49)	–	6340 FC	272	EMB-145XR
53-31-00-220-829-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	10000 FC	271/272	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-220-830-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	–	10000 FC	273/274	EMB-145XR
53-31-00-220-831-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	–	5000 FC	171/172	EMB-145XR
53-31-00-220-832-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	–	10000 FC	273/274	EMB-145XR
53-31-00-220-833-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	–	10000 FC	271/272	EMB-145XR
53-31-00-220-834-A00	DET	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)	–	8003 FC	273/274	EMB-145XR
53-31-00-220-835-A00	DET	Internally inspect the FUSELAGE components: • Bulkhead-to-engine pylon attachment (SSI 53-30-35) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	–	4115 FC	271/272	EMB-145XR
53-31-00-220-836-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	–	10000 FC	273/274	EMB-145XR
53-31-00-220-838-A00	DET	Externally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49)	12000	4520 FC	272	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-840-A00	DET	Externally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49)	12000	8101 FC	272	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-220-841-A00	DET	Internally inspect the FUSELAGE components: • Baggage door lateral L-shape (SSI 53-30-03)	–	5468 FC	271	EMB-145XR
53-31-00-220-842-A00	DET	Internally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	12000	5296 FC	272	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-843-A00	DET	Internally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	19000	4828 FC	271	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-844-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-30-08)	–	5700 FC	271/272	EMB-145EP EMB-145ER EMB-145EU
53-31-00-220-845-A00	DET	Internally inspect the FUSELAGE components: • Baggage door lateral L-shape (SSI 53-30-03)	–	4828 FC	271	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-846-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	30000	10000 FC	273/274	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-220-847-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	271/272	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-220-848-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	30000	10000 FC	271/272	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-220-849-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	30000	5000 FC	171/172	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-220-850-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	30000	10000 FC	273/274	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-220-851-A00	DET	Internally inspect the FUSELAGE components: • Bulkhead-to-engine pylon attachment (SSI 53-30-35) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	27000	6256 FC	271/272	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-220-852-A00	DET	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	8778 FC	273/274 275/276	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-220-853-A00	DET	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)	30000	10000 FC	273/274	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-31-00-220-854-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	30000	10000 FC	273/274	EMB-145EP EMB-145ER EMB-145EU



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-31-00-220-855-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	20200	10000 FC	273/274	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-32-00-210-801-A00	GVI	Internally inspect the FUSELAGE components: • APU mounting, including its rods (SSI 53-30-40)	–	20000 FC	313	ALL
53-32-00-220-801-A00	DET	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)	20000	5000 FC	311/312	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-32-00-220-802-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	20000	10000 FC	311/312	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-32-00-220-803-A00	DET	Internally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	20000	8193 FC	311/312	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-32-00-220-804-A00	DET	Externally inspect the FUSELAGE components: • L profile – Strake attachment (SSI 53-32-01)	–	10000 FC	315/316 317/318	EMB-145XR
53-32-00-220-805-A00	DET	Internally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	–	8193 FC	311/312	EMB-145XR
53-32-00-220-806-A00	DET	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)	–	5000 FC	311/312	EMB-145XR
53-32-00-220-807-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	–	10000 FC	311/312	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-32-00-220-808-A00	DET	Externally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	20000	10000 FC	311/312	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-32-00-220-809-A00	DET	Externally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	–	10000 FC	311/312	EMB-145XR
53-32-00-220-810-A00	DET	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	30000	10000 FC	311/312	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-32-00-220-811-A00	DET	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)	30000	5000 FC	311/312	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
53-32-00-220-812-A00	DET	Externally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	30000	10000 FC	311/312	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR



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CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
53-32-00-220-813-A00	DET	Internally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	30000	8193 FC	311/312	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 54 - NACELLE/PYLONS

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
54-50-00-210-801-A00	GVI	Externally inspect the PYLON components: • Pylon Skin (SSI 54-50-04)	18000	5000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
54-50-00-210-802-A00	GVI	Externally inspect the PYLON components: • Pylon Skin (SSI 54-50-04)	18467	5000 FC	414/424	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-220-801-A00	DET	Internally inspect the PYLON components: • Pylon spars I, II, III and IV (SSI 54-50-01) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	20000	5000 FC	414/424	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 54 - NACELLE/PYLONS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
54-50-00-220-802-A00	DET	Internally inspect the PYLON components: • FWD engine mounts including bolts (SSI 54-50-03) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-54-0011.	20000	4000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-220-804-A00	DET	Internally inspect the PYLON components: • FWD engine mounts including bolts (SSI 54-50-03) <u>NOTE</u> : Applicable to aircraft Pre-Mod SB 145-54-0010.	4000	1000 FC	414/424	EMB-145XR
54-50-00-220-805-A00	DET	Externally inspect the PYLON components: • Pylon Skin (SSI 54-50-04) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	15030	5000 FC	414/424	EMB-145XR
54-50-00-220-807-A00	DET	Internally inspect the PYLON components: • Pylon spars I, II, III and IV (SSI 54-50-01) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	20756	4115 FC	414/424	EMB-145XR



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CHAPTER 54 - NACELLE/PYLONS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
54-50-00-220-808-A00	DET	Internally inspect the PYLON components: • AFT Engine Mounts including bolts (SSI 54-50-07) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-54-0011.	20000	4000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-220-808-A01	DET	Internally inspect the PYLON components: • AFT Engine Mounts including bolts (SSI 54-50-07) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-54-0011, and the flight cycles accumulated shall be based on the engine mount components.	5000	5000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-220-809-A00	DET	Internally inspect the PYLON components: • AFT Engine Mounts including bolts (SSI 54-50-07) <u>NOTE</u> : Applicable to aircraft Pre-Mod SB 145-54-0010.	4000	1000 FC	414/424	EMB-145XR
54-50-00-220-809-A01	DET	Internally inspect the PYLON components: • AFT Engine Mounts including bolts (SSI 54-50-07) <u>NOTE</u> : Applicable to aircraft Post-Mod SB 145-54-0010.	5000	5000 FC	414/424	EMB-145XR

CHAPTER 54 - NACELLE/PYLONS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
54-50-00-220-810-A00	DET	Internally inspect the PYLON components: • Pylon Yokes III and IV (SSI 54-50-02) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-54-0011.	30000	4090 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-220-810-A01	DET	Internally inspect the PYLON components: • Pylon Yokes III and IV (SSI 54-50-02) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-54-0011.	30000	30000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-220-811-A00	DET	Internally inspect the PYLON components: • Pylon Yokes III and IV (SSI 54-50-02)	27345	5257 FC	414/424	EMB-145XR



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CHAPTER 54 - NACELLE/PYLONS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
54-50-00-220-813-A00	DET	Internally inspect the PYLON components: • Pylon spars I, II, III and IV (SSI 54-50-01) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	27000	5000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
54-50-00-230-801-A00	SDE	Internally inspect the PYLON components by Liquid Penetrant Inspection Method: • FWD Engine Mounts including bolts (SSI 54-50-03) <u>NOTE</u> : Applicable to aircraft Post-Mod SB 145-54-0010.	20000	20000 FC	414/424	EMB-145XR
54-50-00-230-802-A00	SDE	Internally inspect the PYLON components by Liquid Penetrant Inspection Method: • FWD Engine Mounts including bolts (SSI 54-50-03) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-54-0011, and the flight cycles accumulated shall be based on the engine mount components.	15000	15000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-250-801-A00	SDE	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II (SSI 54-50-05)	27345	20000 FC	414/424	EMB-145XR

CHAPTER 54 - NACELLE/PYLONS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
54-50-00-250-802-A00	SDE	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II upper flange (SSI 54-50-06) <u>NOTE</u> : Applicable to aircraft Pre-Mod SB 145-54-0008.	30000	6333 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-250-802-A01	SDE	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II upper flange (SSI 54-50-06) <u>NOTE</u> : Applicable to aircraft Post-Mod SB 145-54-0008.	30000	12606 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-250-803-A00	SDE	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II upper flange (SSI 54-50-06)	27345	5310 FC	414/424	EMB-145XR



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CHAPTER 54 - NACELLE/PYLONS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
54-50-00-250-804-A00	SDE	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II (SSI 54-50-05) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-54-0011.	30000	30000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-290-801-A00	SDE	Internally inspect the PYLON components using a borescope: • Pylon Skin (SSI 54-50-04) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	18000	5000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-290-802-A00	SDE	Internally inspect the PYLON components using a borescope: • Pylon Skin (SSI 54-50-04) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	15030	5000 FC	414/424	EMB-145XR

CHAPTER 55 - STABILIZERS

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-210-803-A00	GVI	Externally inspect the HORIZONTAL STABILIZER component: • Fitting hinge support stabilizer (SSI 55-10-21)	–	2500 FC	337	ALL
55-10-00-210-804-A00	GVI	Internally inspect the HORIZONTAL STABILIZER component: • Pin internal and external hinge stabilizer (SSI 55-10-24)	–	2500 FC	337	ALL
55-10-00-210-805-A00	GVI	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 - lower surface (SSI 55-10-06)	–	10000 FC	333/334	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-210-806-A00	GVI	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from rib sta. YH=350 to rib sta. YH=990 - upper surface (SSI 55-10-07)	–	10000 FC	333/334	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-210-808-A00	GVI	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from rib sta. YH=350 to rib sta. YH=990 - upper surface (SSI 55-10-07)	30000	10000 FC	333/334	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-220-801-A00	DET	Externally inspect the HORIZONTAL STABILIZER component: • Elevator support fittings (SSI 55-10-15)	–	9635 FC	333/334	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-802-A00	DET	Externally inspect the HORIZONTAL STABILIZER component: • Fitting hinge support stabilizer (SSI 55-10-21)	–	10000 FC	337	ALL
55-10-00-220-803-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar web and cap, from fin to rib sta. YH=350, including center fitting/spar attachment (SSI 55-10-12)	–	10000 FC	333/334	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-220-804-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Root rib (SSI 55-10-17)	–	10000 FC	337	ALL
55-10-00-220-806-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-55-0005.	–	4227 FC	337	EMB-145EP EMB-145ER EMB-145EU

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-220-806-A01	DET	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-55-0005.	–	10000 FC	337	EMB-145EP EMB-145ER EMB-145EU
55-10-00-220-807-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front/Rear auxiliary spar center fitting (SSI 55-10-19) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-55-0005, perform the first inspection at 8000 FC, the second inspection at 12000 FC, and the subsequent inspections every 1500 FC.	–	Note	337	EMB-145EP EMB-145ER EMB-145EU
55-10-00-220-807-A01	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front/Rear auxiliary spar center fitting (SSI 55-10-19) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-55-0005.	–	10000 FC	337	EMB-145EP EMB-145ER EMB-145EU
55-10-00-220-808-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front/Rear auxiliary spar center fitting (SSI 55-10-19)	–	10000 FC	337	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-220-809-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front spar center fittings (SSI 55-10-20) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-55-0005, perform the first inspection at 8000 FC, the second inspection at 12000 FC, and the subsequent inspections every 1,500 FC.	–	Note	337	EMB-145EP EMB-145ER EMB-145EU

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-220-809-A01	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front spar center fittings (SSI 55-10-20) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-55-0005.	–	10000 FC	337	EMB-145EP EMB-145ER EMB-145EU
55-10-00-220-810-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front spar center fittings (SSI 55-10-20)	–	10000 FC	337	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-220-811-A00	DET	Externally inspect the HORIZONTAL STABILIZER component: • Skin, from rib sta. YH=350 to rib YH=990 - upper surface (SSI 55-10-02)	–	7120 FC	333/334	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-220-812-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front and rear auxiliary spar webs and caps, including center fitting/ spar attachment (SSI 55-10-11)	–	10000 FC	333/334	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-220-813-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	–	10000 FC	337	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-816-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-55-0005, perform the first inspection at 8000 FC, the second inspection at 12000 FC, and the subsequent inspections every 1500 FC.	–	Note	337	EMB-145EP EMB-145ER EMB-145EU
55-10-00-220-816-A01	DET	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-55-0005.	–	10000 FC	337	EMB-145EP EMB-145ER EMB-145EU
55-10-00-220-817-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18)	–	5000 FC	337	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-220-818-A00	DET	Externally inspect the HORIZONTAL STABILIZER component: • Skin, from rib sta. YH=350 to rib YH=990 upper surfaces (SSI 55-10-02)	17617	2599 FC	333/334	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-819-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16)	–	3658 FC	337	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-820-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18)	–	3658 FC	337	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-821-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front/Rear auxiliary spar center fitting (SSI 55-10-19)	–	3658 FC	337	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-822-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front spar center fittings (SSI 55-10-20)	–	3658 FC	337	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-823-A00	DET	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 upper surface (SSI 55-10-01)	–	7120 FC	333/334	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-220-824-A00	DET	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 - lower surface (SSI 55-10-06)	30000	10000 FC	333/334	EMB-145XR
55-10-00-220-825-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16)	4033	2532 FC	337	EMB-145XR
55-10-00-220-826-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18)	4033	2532 FC	337	EMB-145XR
55-10-00-220-827-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front/ Rear auxiliary spar center fitting (SSI 55-10-19)	4033	2532 FC	337	EMB-145XR
55-10-00-220-828-A00	DET	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 upper surface (SSI 55-10-01)	17617	2599 FC	333/334	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-829-A00	DET	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 lower surface (SSI 55-10-06)	17617	2599 FC	333/334	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-830-A00	DET	Externally inspect the HORIZONTAL STABILIZER component: • Elevator support fittings (SSI 55-10-15)	21500	10000 FC	333/334	EMB-145XR
55-10-00-220-831-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16)	—	9342 FC	337	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-220-832-A00	DET	Externally inspect the HORIZONTAL STABILIZER component: • Skin, from rib sta YH=350 to rib YH=990 - upper surface (SSI 55-10-02)	30000	6226 FC	333/334	EMB-145XR
55-10-00-220-833-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front spar center fittings (SSI 55-10-20)	4033	2532 FC	337	EMB-145XR
55-10-00-220-834-A00	DET	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 upper surface (SSI 55-10-01)	30000	6226 FC	333/334	EMB-145XR
55-10-00-220-835-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front and rear auxiliary spar webs and caps, including center fitting/ spar attachment (SSI 55-10-11)	30000	10000 FC	333/334	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-836-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front and rear auxiliary spar webs and caps, including center fitting/ spar attachment (SSI 55-10-11)	17000	10000 FC	333/334	EMB-145XR
55-10-00-220-837-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar web and cap, from fin to rib sta. YH=350, including center fitting/spar attachment (SSI 55-10-12)	30000	10000 FC	333/334	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-838-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar web and cap, from fin to rib sta. YH=350, including center fitting/spar attachment (SSI 55-10-12)	17000	10000 FC	333/334	EMB-145XR

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-220-839-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	30000	10000 FC	337	EMB-145XR
55-10-00-240-801-A00	SDE	Externally inspect the HORIZONTAL STABILIZER components by the magnetic particle inspection method: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	–	17598 FC	337	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135KE EMB-135KL EMB-135LR
55-10-00-240-802-A00	SDE	Externally inspect the HORIZONTAL STABILIZER components by the magnetic particle inspection method: • Pin, internal and external hinge, stabilizer (SSI 55-10-24) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	17598 FC	337	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-240-802-A01	SDE	Externally inspect the HORIZONTAL STABILIZER components by the magnetic particle inspection method: • Pin, internal and external hinge, stabilizer (SSI 55-10-24) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	11723 FC	337	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-240-803-A00	SDE	Externally inspect the HORIZONTAL STABILIZER components by the magnetic particle inspection method: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	30000	17598 FC	337	EMB-145XR
55-10-00-250-801-A00	SDE	Externally inspect the HORIZONTAL STABILIZER components by the eddy current inspection method: • Fitting hing support stabilizer (SSI 55-10-21)	–	29600 FC	337	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135KE EMB-135KL EMB-135LR

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-10-00-250-803-A00	SDE	Externally inspect the HORIZONTAL STABILIZER components by the eddy current inspection method: • Fitting hinge support stabilizer (SSI 55-10-21) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	29600 FC	337	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-250-803-A01	SDE	Externally inspect the HORIZONTAL STABILIZER components by the eddy current inspection method: • Fitting hinge support stabilizer (SSI 55-10-21) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	19811 FC	337	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-10-00-250-804-A00	SDE	Externally inspect the HORIZONTAL STABILIZER components by the eddy current inspection method: • Fitting hing support stabilizer (SSI 55-10-21)	30000	29600 FC	337	EMB-145XR
55-20-00-210-801-A00	DELETED					
55-20-00-210-803-A00	GVI	Internally inspect the ELEVATOR components: • Tab wheel drive support fittings (SSI 55-20-35)	–	2500 FC	335/336	ALL
55-20-00-220-801-A00	DET	Internally inspect the ELEVATOR components: • Torque tube fittings (SSI 55-20-34)	–	10000 FC	335/336	ALL
55-20-00-220-802-A00	DET	Internally inspect the ELEVATOR components: • Tab wheel drive support fittings (SSI 55-20-35)	–	10000 FC	335/336	ALL
55-30-00-210-801-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • Rear spar actuator support fitting (elevator) (SSI 55-30-77)	30000	10000 FC	325	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-210-802-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • Spar 2 (web and cap), from fuselage contour line to tip rib sta. ZV=3015 (SSI 55-30-67)	–	10000 FC	324	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-210-803-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer support actuators, including bolt (SSI 55-30-75)	–	2500 FC	325	ALL
55-30-00-210-804-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • PCU support fittings (SSI 55-30-80)	30000	10000 FC	325	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-210-805-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • Spar 1 (web and cap), from fuselage contour line to tip rib (SSI 55-30-68)	–	10000 FC	324	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-210-806-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76)	–	2500 FC	325	ALL
55-30-00-210-807-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • Rear spar actuator support fitting (elevator) (SSI 55-30-77)	30000	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-210-808-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • PCU support fittings (SSI 55-30-80)	30000	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-210-809-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • Spar 2 (web and cap), from fuselage contour line to tip rib sta. ZV=3015 (SSI 55-30-67)	30000	10000 FC	324	EMB-145XR
55-30-00-220-801-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to spar 3 (SSI 55-30-50)	30000	10000 FC	325	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-802-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 1 - tip rib attachment (SSI 55-30-53)	30000	10000 FC	324	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-803-A00	DET	Externally inspect the VERTICAL STABILIZER components: • Rudder hinge fittings (SSI 55-30-78)	30000	10000 FC	325	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-804-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 3 (web and cap), from fuselage contour line to tip rib, including attachment bolts (SSI 55-30-63)	–	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-805-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76)	30000	5574 FC	325	EMB-145XR EMB-135ER EMB-135KE EMB-135KL EMB-135LR



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CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-806-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 52% (SSI 55-30-51)	30000	10000 FC	325	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-807-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 41% (SSI 55-30-52)	30000	10000 FC	325	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-808-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to spar 3 (SSI 55-30-54)	—	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-809-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to auxiliary spar 52% (SSI 55-30-55)	–	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-810-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to auxiliary spar 41% (SSI 55-30-56)	–	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-811-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 78 (SSI 55-30-60)	–	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-812-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 79 (SSI 55-30-61)	–	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-813-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 80 (SSI 55-30-62)	–	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-814-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Tip rib (SSI 55-30-69)	30000	10000 FC	325	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-815-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer support actuators, including bolt (SSI 55-30-75)	30000	10000 FC	325	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-816-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Actuator support fittings (rudder) (SSI 55-30-79)	30000	10000 FC	325	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-817-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to spar 2 (SSI 55-30-57)	–	10000 FC	324	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-818-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to spar 1 (SSI 55-30-58)	–	10000 FC	324	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-819-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 77 (SSI 55-30-59)	–	10000 FC	324	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-820-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 52% (web and cap), from fuselage contour line to tip rib, including attachment bolts (SSI 55-30-64)	–	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-821-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 41% (web and cap), from sta. ZV=2538 to tip rib, including attachment bolts (SSI 55-30-65)	–	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-822-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 41% (web and cap), from sta. ZV=1550.5, including attachment bolts (SSI 55-30-66)	–	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-30-00-220-823-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 1 (web and cap), from fuselage contour line to tip rib (SSI 55-30-68)	30000	10000 FC	324	EMB-145XR
55-30-00-220-824-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin to fuselage attachment fitting to spar 3 (SSI 55-30-54)	30000	8003 FC	325	EMB-145XR

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-825-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin to fuselage attachment fitting to auxiliary spar 52% (SSI 55-30-55)	30000	8003 FC	325	EMB-145XR
55-30-00-220-826-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin to fuselage attachment fitting to auxiliary spar 41% (SSI 55-30-56)	30000	8003 FC	325	EMB-145XR
55-30-00-220-827-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin to fuselage attachment fitting to spar 2 (SSI 55-30-57)	30000	8003 FC	324	EMB-145XR
55-30-00-220-828-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin to fuselage attachment fitting to spar 1 (SSI 55-30-58)	30000	8003 FC	324	EMB-145XR
55-30-00-220-829-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin to fuselage attachment fitting to bulkhead 77 (SSI 55-30-59)	30000	8003 FC	324	EMB-145XR
55-30-00-220-830-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin to fuselage attachment fitting to bulkhead 78 (SSI 55-30-60)	30000	8003 FC	325	EMB-145XR
55-30-00-220-831-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin to fuselage attachment fitting to bulkhead 79 (SSI 55-30-61)	30000	8003 FC	325	EMB-145XR
55-30-00-220-832-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin to fuselage attachment fitting to bulkhead 80 (SSI 55-30-62)	30000	8003 FC	325	EMB-145XR
55-30-00-220-833-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	30000	5574 FC	325	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR



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CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-833-A01	DET	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	27000	4591 FC	325	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-220-834-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to spar 3 (SSI 55-30-50)	30000	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-220-835-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 52% (SSI 55-30-51)	30000	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-220-836-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 41% (SSI 55-30-52)	30000	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-837-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 1 - tip rib attachment (SSI 55-30-53)	30000	10000 FC	324	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-220-838-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Tip rib (SSI 55-30-69)	30000	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-220-839-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer support actuators, including bolt (SSI 55-30-75)	30000	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-220-840-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76)	30000	5574 FC	325	EMB-145EP EMB-145ER EMB-145EU

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-220-841-A00	DET	Externally inspect the VERTICAL STABILIZER components: • Rudder hinge fittings (SSI 55-30-78)	30000	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-220-842-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Actuator support fittings (rudder) (SSI 55-30-79)	30000	10000 FC	325	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-220-843-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 3 (web and cap), from fuselage contour line to tip rib, including attachment bolts (SSI 55-30-63)	30000	10000 FC	325	EMB-145XR
55-30-00-220-844-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 52 % (web and cap), from fuselage contour line to tip rib, including attachment bolts (SSI 55-30-64)	30000	10000 FC	325	EMB-145XR
55-30-00-220-845-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 41 % (web and cap), from sta. ZV=2538 to tip rib, including attachment bolts (SSI 55-30-65)	30000	10000 FC	325	EMB-145XR
55-30-00-220-846-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Spar 41 % (web and cap), from sta. ZV=1550.5, including attachment bolts (SSI 55-30-66)	30000	10000 FC	325	EMB-145XR

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
55-30-00-250-801-A00	SDE	Externally inspect the VERTICAL STABILIZER components by the eddy current inspection method: • Fitting hinge support (SSI 55-30-76)	30000	29600 FC	325	EMB-145XR EMB-135ER EMB-135KE EMB-135KL EMB-135LR
55-30-00-250-802-A00	SDE	Externally inspect the VERTICAL STABILIZER components by the eddy current inspection method: • Fitting hinge support (SSI 55-30-76) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	30000	29600 FC	325	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-250-802-A01	SDE	Externally inspect the VERTICAL STABILIZER components by the eddy current inspection method: • Fitting hinge support (SSI 55-30-76) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	27000	19811 FC	325	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
55-30-00-250-803-A00	SDE	Externally inspect the VERTICAL STABILIZER components by the eddy current inspection method: • Fitting hinge support (SSI 55-30-76)	30000	29600 FC	325	EMB-145EP EMB-145ER EMB-145EU

CHAPTER 57 - WINGS

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-210-801-A00	GVI	Externally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	20000	20000 FC	155/156 157	EMB-135LR EMB-135KE EMB-135KL



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CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-210-802-A00	GVI	Externally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	30000	20000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-210-803-A00	GVI	Externally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	30000	20000 FC	155/156 157	EMB-145XR
57-10-00-220-801-A00	DET	Externally inspect the WING STUB components: • Lower skin - Spanwise splice at spar 2, access holes, stringers, integral milled panels & spanwise splice of integral panel (SSI 57-10-01) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	—	4382 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-802-A00	DET	Internally inspect the WING STUB components: • Lower skin - spanwise splice at spar 2, access holes, stringers, integral milled panel & spanwise splice of integral panel (SSI 57-10-01)	—	5000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-803-A00	DET	Externally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05) <u>NOTE 1</u> : During this inspection, the CPCP basic task shall also be performed for this SSI. <u>NOTE 2</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	—	5700 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-220-803-A01	DET	Externally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05) <u>NOTE 1:</u> During this inspection, the CPCP basic task shall also be performed for this SSI. <u>NOTE 2:</u> Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	5049 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-804-A00	DET	Internally inspect the WING STUB components: • Lower skin - ribs 1, 2 & 3 attachments and tire compartment wall attachments (SSI 57-10-02) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	–	5000 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-805-A00	DET	Internally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	20000	5000 FC	155/156 157	EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-220-806-A00	DET	Externally inspect the WING STUB components: • Lower skin - ribs 1, 2 & 3 attachments and tire compartment wall attachments (SSI 57-10-02) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	5000 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-807-A00	DET	Externally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03) <u>NOTE 1</u> : During this inspection, the CPCP basic task shall also be performed for this SSI. <u>NOTE 2</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	5700 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-807-A01	DET	Externally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03) <u>NOTE 1</u> : During this inspection, the CPCP basic task shall also be performed for this SSI. <u>NOTE 2</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	5049 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-808-A00	DET	Externally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	20000	5000 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-220-809-A00	DET	Internally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	5700 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-809-A01	DET	Internally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	5049 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-810-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	5700 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-810-A01	DET	Internally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	5049 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-811-A00	DET	Internally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	20000	5852 FC	155/156	EMB-145EP EMB-145ER EMB-145EU
57-10-00-220-812-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-08) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	5852 FC	155/156	EMB-145EP EMB-145ER EMB-145EU EMB-135ER

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-220-813-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Lower skin attachments (SSI 57-10-06) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	23000	9583 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-813-A01	DET	Internally inspect the WING STUB components: • Spar 2 - Lower skin attachments (SSI 57-10-06) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	22000	8759 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-814-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-08) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	9583 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-814-A01	DET	Internally inspect the WING STUB components: • Spar 2 - Auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-08) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	8759 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-815-A00	DET	Internally inspect the WING STUB components: • Lower skin - Spanwise splice at spar 2, access holes, stringers, integral milled panel & spanwise splice of integral panel (SSI 57-10-01) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	5000 FC	155/156	EMB-145EP EMB-145ER EMB-145EU EMB-135ER

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-220-816-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	–	4179 FC	155/156/ 157	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-817-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Lower skin attachments (SSI 57-10-03) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	–	4179 FC	155/156/ 157	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-818-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Lower skin attachments (SSI 57-10-06)	30000	5852 FC	155/156 157	EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-819-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-08)	–	5852 FC	155/156 157	EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-820-A00	DET	Externally inspect the WING STUB components: • Spar 2 lower skin attachments (SSI 57-10-06) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	8276	5000 FC	155/156 157	EMB-145XR
57-10-00-220-821-A00	DET	Internally inspect the WING STUB components: • Spar 2 Lower skin attachments (SSI 57-10-06)	8276	5091 FC	155/156 157	EMB-145XR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-220-822-A00	DET	Externally inspect the WING STUB components: • Lower skin Spanwise splice at spar 2, access holes, stringers, integral milled panels & spanwise splice of integral panel (SSI 57-10-01) <u>NOTE 1</u> : During this inspection, the CPCP basic task shall also be performed for this SSI. <u>NOTE 2</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	4417 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-822-A01	DET	Externally inspect the WING STUB components: • Lower skin Spanwise splice at spar 2, access holes, stringers, integral milled panels & spanwise splice of integral panel (SSI 57-10-01) <u>NOTE 1</u> : During this inspection, the CPCP basic task shall also be performed for this SSI. <u>NOTE 2</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	3825 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-823-A00	DET	Externally inspect the WING STUB components: • Lower skin spanwise splice at spar 2, access holes, stringers, integral milled panels & spanwise splice of integral panel (SSI 57-10-01) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	26610	6596 FC	155/156 157	EMB-145XR
57-10-00-220-824-A00	DET	Externally inspect the WING STUB components: • Lower skin ribs 1, 2 & 3 attachments and tire compartment wall attachments (SSI 57-10-02) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	4271 FC	155/156 157	EMB-145XR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-220-825-A00	DET	Internally inspect the WING STUB components: • Lower skin ribs 1, 2 & 3 attachments and tire compartment wall attachments (SSI 57-10-02) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	4271 FC	155/156 157	EMB-145XR
57-10-00-220-826-A00	DET	Externally inspect the WING STUB components: • Spar 1 lower skin attachments (SSI 57-10-03) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	4179 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-827-A00	DET	Externally inspect the WING STUB components: • Spar 1 Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	–	4179 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-828-A00	DET	Externally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	12053	7144 FC	155/156 157	EMB-145XR
57-10-00-220-829-A00	DET	Externally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	12053	7144 FC	155/156 157	EMB-145XR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-220-830-A00	DET	Internally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03)	12053	7144 FC	155/156 157	EMB-145XR
57-10-00-220-831-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05)	12053	7144 FC	155/156 157	EMB-145XR
57-10-00-220-832-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-08)	8276	5091 FC	155/156 157	EMB-145XR
57-10-00-220-833-A00	DET	Externally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06) <u>NOTE 1:</u> During this inspection, the CPCP basic task shall also be performed for this SSI. <u>NOTE 2:</u> Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	23000	5000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-833-A01	DET	Externally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06) <u>NOTE 1:</u> During this inspection, the CPCP basic task shall also be performed for this SSI. <u>NOTE 2:</u> Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	22000	5000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-834-A00	DET	Internally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	30000	5000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-10-00-220-835-A00	DET	Externally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156 157	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-10-00-220-836-A00	DET	Internally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5852 FC	155/156	EMB-135ER
57-10-00-220-837-A00	DET	Internally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	30000	5000 FC	155/156 157	EMB-145XR
57-10-00-250-801-A00	SDE	Externally inspect the WING STUB components using Eddy Current inspection method: • Rib 4 - lower flange and web (SSI 57-10-11) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-57-0047 Part II.	23600	9569 FC	155/156 157	ALL
57-10-00-250-801-A01	SDE	Externally inspect the WING STUB components using Eddy Current inspection method: • Rib 4 - lower flange and web (SSI 57-10-11). <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-57-0047 Part II.	–	24000 FC	155/156 157	ALL
57-11-00-220-805-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	26273	10000 FC	155/156 157	EMB-145XR
57-11-00-220-807-A00	DET	Internally inspect the WING STUB components: • Lower skin - rear fitting-to-skin attachments and spars 1 & 2 - stub-to-wing attachments (SSI 57-11-17)	30000	20000 FC	155/156 157	EMB-145XR EMB-135LR EMB-135KE EMB-135KL



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CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-808-A00	DET	Externally inspect the WING STUB components: • Spar 1 - lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5617 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU
57-11-00-220-809-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 50 and its attachments to frame 50 (SSI 57-11-25) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	20000 FC	155/156 157	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-810-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145XR
57-11-00-220-811-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments at frame 40, L - shape fuselage frame 40 attachments & fuselage stringers attachments (SSI 57-11-19) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156	EMB-135ER
57-11-00-220-812-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments at frame 40, L - shape fuselage frame 40 attachments & fuselage stringers attachments (SSI 57-11-19)	30000	10000 FC	155/156 157	EMB-145XR EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-813-A00	DET	Externally inspect the WING STUB components: • Spar 3 - Fuselage bulkhead attachments at frame 50, L - shape fuselage frame 50 attachments & fuselage stringers attachments (SSI 57-11-21) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156	EMB-135ER
57-11-00-220-814-A00	DET	Internally inspect the WING STUB components: • Spar 1 - lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18)	30000	10000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-815-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead at frame 50 and its attachments to frame 50 (SSI 57-11-25) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	20000 FC	155/156 157	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-816-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Titanium fitting attachments and fuselage bulkhead at frame 46 (SSI 57-11-20)	30000	5000 FC	155/156 157	EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-817-A00	DET	Externally inspect the WING STUB components: • Lower skin - rear fitting-to-skin attachments and spars 1 & 2 - stub-to-wing attachments (SSI 57-11-17) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-818-A00	DET	Externally inspect the WING STUB components: • Spar 3 and rib 4 rod-end link (SSI 57-11-22) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-819-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145XR
57-11-00-220-820-A00	DET	Externally inspect the WING STUB components: • Spar 2 -Titanium fitting attachments and fuselage bulkhead attachments at frame 46 (SSI 57-11-20) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156 157	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-821-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23)	26273	10000 FC	155/156 157	EMB-145XR
57-11-00-220-822-A00	DET	Internally inspect the WING STUB components: • Spar 3 - Fuselage bulkhead attachments at frame 50, L - shape fuselage frame 50 attachments & fuselage stringers attachments (SSI 57-11-21) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156	EMB-135ER
57-11-00-220-823-A00	DET	Internally inspect the WING STUB components: • Spar 3 - Fuselage bulkhead attachments at frame 50, L - shape fuselage frame 50 attachments & fuselage stringers attachments (SSI 57-11-21) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145XR EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-824-A00	DET	Externally inspect the WING STUB components: • Spar 3 - Fuselage bulkhead attachments at frame 50, L - shape fuselage frame 50 attachments & fuselage stringers attachments (SSI 57-11-21) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156 157	EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-825-A00	DET	Externally inspect the WING STUB components: • Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments at frame 40, L - shape fuselage frame 40 attachments & fuselage stringers attachments (SSI 57-11-19) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156 157	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-826-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5617 FC	155/156	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-827-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Titanium fitting attachments and fuselage bulkhead at frame 46 (SSI 57-11-20) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156	EMB-135ER
57-11-00-220-828-A00	DET	Internally inspect the WING STUB components: • Lower skin - rear fitting-to-skin attachments and spars 1 & 2 - stub-to-wing attachments (SSI 57-11-17) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	20000 FC	155/156	EMB-135ER

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-829-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9388 FC	155/156/ 157	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-830-A00	DET	Externally inspect the WING STUB components: • Lower skin rear fitting and integral rear fitting panel (SSI 57-11-15)	30000	5000 FC	155/156/ 157	EMB-145XR
57-11-00-220-831-A00	DET	Externally inspect the WING STUB components: • Spar 1 Lower front fitting attachments and spar 2 lower rear fitting attachments (SSI 57-11-18) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-832-A00	DET	Externally inspect the WING STUB components: • Spar 3 and rib 4 rod-end link (SSI 57-11-22) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9238 FC	155/156 157	EMB-145XR
57-11-00-220-833-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9388 FC	155/156 157	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-834-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9047 FC	155/156 157	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-835-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9047 FC	155/156 157	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-836-A00	DET	Externally inspect the WING STUB components: • Spar 1 - lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156/ 157	EMB-145XR
57-11-00-220-837-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156/ 157	EMB-145XR
57-11-00-220-838-A00	DET	Externally inspect the WING STUB components: • Spar 1 - lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5617 FC	155/156 157	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-11-00-220-839-A00	DET	Externally inspect the WING STUB components: • Lower skin - rear fitting-to-skin attachments and spars 1 & 2 - stub-to-wing attachments (SSI 57-11-17) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-840-A00	DET	Internally inspect the WING STUB components: • Lower skin - rear fitting-to-skin attachments and spars 1 & 2 - stub-to-wing attachments (SSI 57-11-17)	30000	20000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-841-A00	DET	Internally inspect the WING STUB components: • Lower skin - rear fitting-to-skin attachments and spars 1 & 2 - stub-to-wing attachments (SSI 57-11-17) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	20000 FC	155/156	EMB-145EP EMB-145ER EMB-145EU
57-11-00-220-842-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5617 FC	155/156	EMB-145EP EMB-145ER EMB-145EU
57-11-00-220-843-A00	DET	Externally inspect the WING STUB components: • Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments at frame 40, L - shape fuselage frame 40 attachments & fuselage stringers attachments (SSI 57-11-19) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-844-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments at frame 40, L - shape fuselage frame 40 attachments & fuselage stringers attachments (SSI 57-11-19) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156	EMB-145EP EMB-145ER EMB-145EU
57-11-00-220-845-A00	DET	Internally inspect the WING STUB components: • Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments at frame 40, L - shape fuselage frame 40 attachments & fuselage stringers attachments (SSI 57-11-19)	30000	10000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-846-A00	DET	Externally inspect the WING STUB components: • Spar 2 - Titanium fitting attachments and fuselage bulkhead attachments at frame 46 (SSI 57-11-20) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-847-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Titanium fitting attachments and fuselage bulkhead at frame 46 (SSI 57-11-20)	30000	5000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-848-A00	DET	Internally inspect the WING STUB components: • Spar 2 - Titanium fitting attachments and fuselage bulkhead at frame 46 (SSI 57-11-20) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156	EMB-145EP EMB-145ER EMB-145EU

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-849-A00	DET	Externally inspect the WING STUB components: • Spar 3 - Fuselage bulkhead attachments at frame 50, L - shape fuselage frame 50 attachments & fuselage stringers attachments (SSI 57-11-21) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156	EMB-145EP EMB-145ER EMB-145EU
57-11-00-220-850-A00	DET	Externally inspect the WING STUB components: • Spar 3 - Fuselage bulkhead attachments at frame 50, L - shape fuselage frame 50 attachments & fuselage stringers attachments (SSI 57-11-21) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-851-A00	DET	Internally inspect the WING STUB components: • Spar 3 - Fuselage bulkhead attachments at frame 50, L - shape fuselage frame 50 attachments & fuselage stringers attachments (SSI 57-11-21) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	155/156	EMB-145EP EMB-145ER EMB-145EU
57-11-00-220-852-A00	DET	Internally inspect the WING STUB components: • Spar 3 - Fuselage bulkhead attachments at frame 50, L - shape fuselage frame 50 attachments & fuselage stringers attachments (SSI 57-11-21) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-853-A00	DET	Externally inspect the WING STUB components: • Spar 3 and rib 4 rod-end link (SSI 57-11-22) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-854-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-855-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9388 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU
57-11-00-220-856-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23)	30000	10000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-857-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9388 FC	155/156/ 157	EMB-145EP EMB-145ER EMB-145EU



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CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-858-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-859-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9047 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU
57-11-00-220-860-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	155/156 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-220-861-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9047 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU
57-11-00-220-862-A00	DET	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 50 and its attachments to frame 50 (SSI 57-11-25) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	20000 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-11-00-220-863-A00	DET	Internally inspect the WING STUB components: • Fuselage bulkhead at frame 50 and its attachments to frame 50 (SSI 57-11-25) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	20000 FC	155/156 157	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-11-00-250-801-A00	SDE	Internally inspect the WING STUB components by using Eddy Current Inspection Method: • Lower skin - rear fitting-to-skin attachments and spars 1 & 2 - stub-to-wing attachments (SSI 57-11-17)	—	30000 FC	155/156 157	ALL
57-21-00-210-801-A00	GVI	Externally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	—	2500 FC	531/631 532/632 541/641	ALL
57-21-00-210-803-A00	GVI	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	30000	5000 FC	531/631 541/641	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-804-A00	GVI	Internally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	—	10000 FC	541/641	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-210-805-A00	GVI	Internally inspect the WING components: • Lower skin panel chordwise joint (SSI 57-21-29)	–	20000 FC	531/631	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-806-A00	GVI	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	–	5000 FC	532/632	ALL
57-21-00-210-807-A00	GVI	Externally inspect the WING components: • Actuator access holes (SSI 57-21-34)	–	10000 FC	551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-210-810-A00	GVI	Internally inspect the WING components: • Actuator access holes (SSI 57-21-34)	–	10000 FC	551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-811-A00	GVI	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	–	10000 FC	532/632	ALL
57-21-00-210-812-A00	GVI	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	20000	20000 FC	541/641	ALL
57-21-00-210-814-A00	GVI	Externally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	–	2500 FC	532/632	ALL
57-21-00-210-815-A00	GVI	Externally inspect the WING components: • Upper skin panel spanwise joint (SSI 57-21-31)	–	2500 FC	532/632	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-210-816-A00	GVI	Externally inspect the WING components: • Upper skin/spar attachments (SSI 57-21-37)	12000	2500 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-817-A00	GVI	Internally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	–	20000 FC	531/631	ALL
57-21-00-210-818-A00	GVI	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	20000	20000 FC	531/631	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR
57-21-00-210-819-A00	GVI	Internally inspect the WING components: • Skin panels (SSI 57-21-26)	–	5000 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-210-820-A00	GVI	Internally inspect the WING components: • Skin panels (SSI 57-21-26)	–	5000 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-21-00-210-821-A00	GVI	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	20000	20000 FC	531/631	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-822-A00	GVI	Externally inspect the WING components: • Upper skin/spar attachments (SSI 57-21-37)	21052	2500 FC	532/632	EMB-145XR
57-21-00-210-823-A00	GVI	Internally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	30000	6420 FC	532/632	EMB-145XR
57-21-00-210-825-A00	GVI	Internally inspect the WING components: • Skin panels (SSI 57-21-26)	–	5000 FC	532/632	EMB-145XR
57-21-00-210-826-A00	GVI	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	–	12888 FC	551/651	EMB-145EP EMB-145ER EMB-145EU
57-21-00-210-827-A00	GVI	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	–	18298 FC	551/651	EMB-135LR EMB-135KE EMB-135KL EMB-135ER
57-21-00-210-828-A00	GVI	Externally inspect the WING components: • Lower Skin access holes (SSI 57-21-32)	–	5000 FC	532/632	ALL
57-21-00-210-829-A00	GVI	Externally inspect the WING components: • Skin panels (SSI 57-21-26) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	18298 FC	551/651	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR



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CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-210-830-A00	GVI	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	30000	5000 FC	531/631 541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-21-00-210-831-A00	GVI	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	30000	20000 FC	551/651	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-832-A00	GVI	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	30000	20000 FC	551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-210-833-A00	GVI	Externally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	–	10000 FC	551/651	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-834-A00	GVI	Externally inspect the WING components: • Lower vent hole (SSI 57-21-33)	–	10000 FC	541/641	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-835-A00	GVI	Internally inspect the WING components: • Lower skin panel chordwise joint (SSI 57-21-29)	30000	20000 FC	531/631	EMB-145XR
57-21-00-210-836-A00	GVI	Internally inspect the WING components: • Actuator access holes (SSI 57-21-34)	30000	10000 FC	551/651	EMB-145XR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-210-837-A00	GVI	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	20888	5000 FC	531/631	EMB-145XR
57-21-00-210-838-A00	GVI	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	30000	5000 FC	541/641	EMB-145XR
57-21-00-220-803-A00	DET	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	–	2500 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-220-804-A00	DET	Internally inspect the WING components: • Upper skin/ spar attachment (SSI 57-21-37)	12000	5000 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-220-805-A00	DET	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	–	2500 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-220-807-A00	DET	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	30000	3335 FC	551/651	EMB-145XR
57-21-00-220-808-A00	DET	Externally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	–	3335 FC	551/651	EMB-145XR
57-21-00-220-809-A00	DET	Internally inspect the WING components: • Upper skin/spar attachments (SSI 57-21-37)	21052	5000 FC	532/632	EMB-145XR
57-21-00-220-810-A00	DET	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	30000	2500 FC	532/632	EMB-145XR
57-21-00-220-814-A00	DET	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	30000	8099 FC	551/651	EMB-145EP EMB-145ER EMB-145EU
57-21-00-220-815-A00	DET	Externally inspect the WING COMPONENTS: • Lower skin/spar attachments (SSI 57-21-36)	–	5000 FC	551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-220-816-A00	DET	Externally inspect the WING components: • Lower vent hole (SSI 57-21-33)	30000	3335 FC	541/641	EMB-145XR
57-21-00-220-817-A00	DET	Externally inspect the WING components: • Actuator access holes (SSI 57-21-34)	30000	3335 FC	551/651	EMB-145XR



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CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-220-818-A00	DET	Externally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	–	3335 FC	551/651	EMB-145XR
57-21-00-220-819-A00	DET	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	30000	8444 FC	551/651	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-21-00-220-820-A00	DET	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	30000	8160 FC	551/651	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-220-821-A00	DET	Externally inspect the WING components: • Skin panels (SSI 57-21-26) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	11560 FC	551/651	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-21-00-250-801-A00	SDE	Externally inspect the WING components by using Eddy Current method: • Lower skin panel chordwise joint (SSI 57-21-29)	–	30000 FC	531/631	EMB-145XR
57-21-00-250-802-A00	SDE	Externally inspect the WING components by using Eddy Current method: • Lower skin panel chordwise joint (SSI 57-21-29)	–	17395 FC	531/631	EMB-145EP EMB-145ER EMB-145EU EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-21-00-250-803-A00	SDE	Externally inspect the WING components by using Eddy Current method: • Lower skin panel chordwise joint (SSI 57-21-29) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	17395 FC	531/631	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-21-00-250-803-A01	SDE	Externally inspect the WING components by using Eddy Current method: • Lower skin panel chordwise joint (SSI 57-21-29) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	11192 FC	531/631	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-22-00-210-801-A00	GVI	Internally inspect the WING components: • Spar 1/wing stub attachments (SSI 57-22-44)	–	10000 FC	531/631	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-22-00-210-803-A00	GVI	Internally inspect the WING components: • Spar 1 cap (SSI 57-22-41)	30000	10000 FC	531/631 541/641 551/651	EMB-145XR
57-22-00-210-805-A00	GVI	Internally inspect the WING components: • Spar 1 cap (SSI 57-22-41)	30000	8736 FC	531/631 541/641 551/651	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-22-00-210-806-A00	GVI	Internally inspect the WING components: • Spar 1 cap (SSI 57-22-41)	30000	10000 FC	531/631 541/641 551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-22-00-210-807-A00	GVI	Internally inspect the WING components: • Spar 1/wing stub attachments (SSI 57-22-44)	30000	10000 FC	531/631	EMB-145XR
57-22-00-220-801-A00	DET	Externally inspect the WING components: • Spar 1/web and stiffeners (SSI 57-22-40)	30000	10000 FC	531/631 541/641 551/651	EMB-145XR
57-22-00-220-802-A00	DET	Externally inspect the WING components: • Spar 1, web cutouts (SSI 57-22-42)	—	10000 FC	551/651	ALL
57-22-00-220-804-A00	DET	Internally inspect the WING components: • Spar 1/leading edge attachments (SSI 57-22-43)	—	10000 FC	531/631 541/641 551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-22-00-220-806-A00	DET	Externally inspect the WING components: • Spar 1/web and stiffeners (SSI 57-22-40)	30000	10000 FC	531/631 541/641 551/651	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-22-00-220-807-A00	DET	Internally inspect the WING components: • Spar 1/leading edge attachments (SSI 57-22-43)	30000	10000 FC	531/631 541/641 551/651	EMB-145XR
57-22-00-220-808-A00	DET	Externally inspect the WING components: • Spar 1/ leading edge attachments (SSI 57-22-43)	–	5000 FC	531/631 541/641 551/651	ALL
57-22-00-220-809-A00	DET	Externally inspect the WING components: • Spar 1/web and stiffeners (SSI 57-22-40)	30000	10000 FC	531/631 541/641 551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-22-00-250-801-A00	SDE	Externally inspect the WING components by using Eddy Current Inspection Method: • Spar 1, web cutouts (SSI 57-22-42)	–	23895 FC	551/651	EMB-145EP EMB-145ER EMB-145EU
57-22-00-250-803-A00	SDE	Externally inspect the WING components by Using Eddy Current Inspection Method: • Spar 1, web cutouts (SSI 57-22-42)	–	16279 FC	551/651	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-22-00-250-805-A00	SDE	Externally inspect the WING components by Using Eddy Current Inspection Method: • Spar 1, web cutouts (SSI 57-22-42)	30000	16279 FC	551/651	EMB-145XR
57-23-00-210-801-A00	GVI	Externally inspect the WING components: • Spar 2/Wing Stub Attachments (SSI 57-23-48)	–	5000 FC	531/631	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-23-00-210-802-A00	GVI	Internally inspect the WING components: • Spar 2 cap (SSI 57-23-46)	30000	10000 FC	531/631 541/641 551/651	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-23-00-210-803-A00	GVI	Internally inspect the WING components: • Spar 2 cap (SSI 57-23-46)	20000	10000 FC	531/631 541/641	EMB-145XR
57-23-00-210-804-A00	GVI	Internally inspect the WING components: • Spar 2 cap (SSI 57-23-46)	20000	10000 FC	551/651	EMB-145XR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-23-00-210-805-A00	GVI	Internally inspect the WING components: • Spar 2 cap (SSI 57-23-46)	30000	10000 FC	531/631 541/641 551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-23-00-210-806-A00	GVI	Externally inspect the WING components: • Spar 2/Wing Stub Attachments (SSI 57-23-48)	30000	5000 FC	531/631	EMB-145XR
57-23-00-220-801-A00	DET	Internally inspect the WING components: • Spar 2/web and stiffeners (SSI 57-23-45)	20000	10000 FC	531/631 541/641	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-23-00-220-802-A00	DET	Externally inspect the WING components: • Spar 2/web cutouts (SSI 57-23-47)	–	10000 FC	531/631 541/641 551/651	ALL
57-23-00-220-804-A00	DET	Internally inspect the WING components: • Spar 2/web cutouts (SSI 57-23-47)	30000	10000 FC	531/631 541/641 551/651	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-23-00-220-805-A00	DET	Internally inspect the WING components: • Spar 2/web and stiffeners (SSI 57-23-45)	–	10000 FC	551/651	ALL



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CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-23-00-220-806-A00	DET	Internally inspect the WING components: • Spar 2/web and stiffeners (SSI 57-23-45)	30000	10000 FC	531/631 541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-23-00-220-807-A00	DET	Internally inspect the WING components: • Spar 2/web cutouts (SSI 57-23-47)	30000	10000 FC	531/631 541/641 551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-23-00-220-808-A00	DET	Internally inspect the WING components: • Spar 2/web and stiffeners (SSI 57-23-45)	20888	10000 FC	531/631 541/641	EMB-145XR
57-24-00-210-801-A00	GVI	Internally inspect the WING components: • Spar 3 cap (SSI 57-24-50)	30000	5000 FC	532/632	EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-24-00-210-802-A00	GVI	Externally inspect the WING components: • Spar 3/wing stub attachments (SSI 57-24-52)	–	5000 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-24-00-210-803-A00	GVI	Internally inspect the WING components: • Spar 3 cap (SSI 57-24-50)	30000	5000 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-24-00-210-804-A00	GVI	Externally inspect the WING components: • Spar 3/wing stub attachments (SSI 57-24-52)	30000	5000 FC	532/632	EMB-145XR
57-26-00-220-802-A00	DET	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-57-0009.	–	500 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-135ER



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CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-26-00-220-802-A01	DET	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-57-0018.	–	2500 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135LR EMB-135KE EMB-135KL
57-26-00-220-802-A03	DET	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-57-0009 and Pre-Mod. SB 145-57-0030.	–	2500 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-135ER
57-26-00-220-802-A04	DET	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-57-0018.	–	5000 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-26-00-220-802-A05	DET	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-57-0030.	–	5000 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-135ER
57-26-00-220-804-A00	DET	Externally inspect the WING components: • Lower Bearing Cap (SSI 57-26-94)	–	5000 FC	532/632	ALL
57-26-00-220-805-A00	DET	Externally inspect the WING components: • Aft upper Trunnion (SSI 57-26-95)	–	5000 FC	532/632	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-26-00-220-806-A00	DET	Externally inspect the WING components: • Fwd upper Trunnion (SSI 57-26-96)	–	5000 FC	532/632	ALL
57-26-00-250-802-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • FWD & AFT side brace fittings (SSI 57-26-56)	–	16399 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-26-00-250-803-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Lower Bearing Cap (SSI 57-26-94)	–	12751 FC	532/632	EMB-145EP EMB-145ER EMB-145EU
57-26-00-250-804-A00	SDE	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE:</u> Applicable only to trunnion P/N 145-67014-001/002/003/004/005/006/007/008.	17800	16459 FC	532/632	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-26-00-250-804-A01	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE:</u> Applicable only to trunnion P/N 145-67014-011/012.	11000	10413 FC	532/632	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-26-00-250-804-A02	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE:</u> Applicable only to trunnion P/N 145-67014-009/010/013/014.	22200	20000 FC	532/632	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-26-00-250-805-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Fwd upper Trunnion (SSI 57-26-96)	30000	20000 FC	532/632	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-26-00-250-806-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Lower Bearing Cap (SSI 57-26-94)	27646	22921 FC	532/632	EMB-145XR
57-26-00-250-807-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper trunnion (SSI 57-26-95)	–	30000 FC	532/632	EMB-145XR
57-26-00-250-809-A00	SDE	Externally inspect the WING components using Eddy Current inspection method: • FWD & AFT side brace fittings (SSI 57-26-56)	–	30000 FC	532/632	EMB-145EP EMB-145ER EMB-145EU
57-26-00-250-810-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Lower Bearing Cap (SSI 57-26-94)	–	30000 FC	532/632	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-26-00-250-811-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Fwd upper Trunnion (SSI 57-26-96)	–	22921 FC	532/632	EMB-145XR
57-26-00-250-812-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Lower Bearing Cap (SSI 57-26-94) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	–	12751 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-26-00-250-812-A01	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Lower Bearing Cap (SSI 57-26-94) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	–	21620 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-26-00-250-813-A00	SDE	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE 1</u> : Applicable only to trunnion P/N 145-67014-001/002/003/004/005/006/007/008. <u>NOTE 2</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	17800	16459 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-26-00-250-813-A01	SDE	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE 1</u> : Applicable only to trunnion P/N 145-67014-001/002/003/004/005/006/007/008. <u>NOTE 2</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	12985	11927 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-26-00-250-813-A02	SDE	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE 1</u> : Applicable only to trunnion P/N 145-67014-011/012. <u>NOTE 2</u> : Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	11000	10413 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR



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CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-26-00-250-813-A03	SDE	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE 1:</u> Applicable only to trunnion P/N 145-67014-011/012. <u>NOTE 2:</u> Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	6564	6179 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-26-00-250-813-A04	SDE	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE 1:</u> Applicable only to trunnion P/N 145-67014-009/010/013/014. <u>NOTE 2:</u> Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	22200	20000 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-26-00-250-813-A05	SDE	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE 1:</u> Applicable only to trunnion P/N 145-67014-009/010/013/014. <u>NOTE 2:</u> Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	16936	15409 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-26-00-250-814-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Fwd upper Trunnion (SSI 57-26-96) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-00-0032 or to aircraft not affected by SB 145-00-0032.	30000	20000 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-26-00-250-814-A01	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Fwd upper Trunnion (SSI 57-26-96) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	26000	21620 FC	532/632	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-26-00-250-815-A00	SDE	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE</u> : Applicable only to trunnion P/N 145-67014-001/002/003/004/005/006/007/008.	17800	16459 FC	532/632	EMB-145EP EMB-145ER EMB-145EU
57-26-00-250-815-A01	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE</u> : Applicable only to trunnion P/N 145-67014-011/012.	11000	10413 FC	532/632	EMB-145EP EMB-145ER EMB-145EU
57-26-00-250-815-A02	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE</u> : Applicable only to trunnion P/N 145-67014-009/010/013/014.	22200	20000 FC	532/632	EMB-145EP EMB-145ER EMB-145EU
57-26-00-250-816-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • Fwd upper Trunnion (SSI 57-26-96)	30000	20000 FC	532/632	EMB-145EP EMB-145ER EMB-145EU
57-26-00-250-817-A00	SDE	Externally inspect the WING components using Eddy Current Inspection Method: • FWD & AFT side brace fittings (SSI 57-26-56)	20064	16399 FC	532/632	EMB-145XR
57-28-00-210-802-A00	GVI	Internally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)	–	10000 FC	541/641	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-28-00-210-803-A00	GVI	Externally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	–	7229 FC	541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-210-804-A00	GVI	Externally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	–	5000 FC	541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-28-00-210-805-A00	GVI	Externally inspect the WING components: • Spar 3 Attachment, torque box (SSI 57-28-63)	–	10000 FC	541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-210-806-A00	GVI	Internally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	–	10000 FC	541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-210-807-A00	GVI	Internally inspect the WING components: • Spar 3 attachment, torque box 2 (SSI 57-28-63)	–	10000 FC	541/641	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-28-00-210-808-A00	GVI	Externally inspect the WING components: • Outboard flap center track attachment (SSI 57-28-68)	–	3912 FC	541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-210-810-A00	GVI	Internally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	25395	10000 FC	541/641	EMB-145XR
57-28-00-210-812-A00	GVI	Externally inspect the WING components: • Attachment lugs aileron (SSI 57-28-66)	–	10000 FC	551/651	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-210-813-A00	GVI	Internally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	–	10000 FC	541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-28-00-210-814-A00	GVI	Externally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	25395	7229 FC	541/641	EMB-145XR
57-28-00-210-815-A00	GVI	Externally inspect the WING components: • Upper skin, torque box (SSI 57-28-61)	–	5445 FC	532/632 541/641 551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-210-816-A00	GVI	Internally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	25395	10000 FC	541/641	EMB-145XR
57-28-00-210-817-A00	GVI	Externally inspect the WING components: • Spar 3 Attachment, torque box (SSI 57-28-63)	30000	10000 FC	541/641	EMB-145XR
57-28-00-220-801-A00	DET	Externally inspect the WING components: • Tracks/ribs attachment, torque box (SSI 57-28-62)	–	10000 FC	532/632 541/641	ALL
57-28-00-220-804-A00	DET	Internally inspect the WING components: • Spar attachment torque box (SSI 57-28-57)	20000	20000 FC	551/651	EMB-135ER EMB-135LR EMB-135KE EMB-135KL



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CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-28-00-220-805-A00	DET	Externally inspect the WING components: • Ribs, torque box 3 (SSI 57-28-64)	–	6306 FC	551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-220-806-A00	DET	Internally inspect the WING components: • Ribs, torque box 3 (SSI 57-28-64)	–	6306 FC	551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-28-00-220-807-A00	DET	Externally inspect the WING components: • Center track and rib15 trailing edge (SSI 57-28-69) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-57-0008.	–	2000 FC	541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-220-807-A01	DET	Externally inspect the WING components: • Center track and rib15 trailing edge (SSI 57-28-69) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-57-0008.	–	3275 FC	541/641	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-220-809-A00	DET	Externally inspect the WING components: • Center track and rib15 trailing edge (SSI 57-28-69)	23757	3275 FC	541/641	EMB-145XR
57-28-00-220-810-A00	DET	Externally inspect the WING components: • Upper skin, torque box (SSI 57-28-61)	30000	5445 FC	532/632 541/641 551/651	EMB-145XR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-28-00-220-811-A00	DET	Externally inspect the WING components: • Outboard flap center track attachment (SSI 57-28-68)	30000	3912 FC	541/641	EMB-145XR
57-28-00-220-812-A00	DET	Externally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	25395	5000 FC	541/641	EMB-145XR
57-28-00-220-813-A00	DET	Internally inspect the WING components: • Spar attachment torque box (SSI 57-28-57)	30000	20000 FC	551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-28-00-220-814-A00	DET	Internally inspect the WING components: • Spar attachment torque box (SSI 57-28-57)	30000	20000 FC	551/651	EMB-145XR
57-28-00-220-815-A00	DET	Externally inspect the WING components: • Ribs, torque box 3 (SSI 57-28-64)	30000	6306 FC	551/651	EMB-145XR
57-28-00-220-816-A00	DET	Internally inspect the WING components: • Ribs, torque box 3 (SSI 57-28-64)	30000	6306 FC	551/651	EMB-145XR
57-28-00-250-803-A00	SDE	Externally inspect the WING components by the Eddy Current Inspection Method: • Spar attachment, torque box (SSI 57-28-57)	–	30000 FC	532/632	ALL
57-28-00-250-804-A00	SDE	Internally inspect the WING components by the Eddy Current Inspection Method: • Spar attachment, torque box (SSI 57-28-57)	–	30000 FC	532/632	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-28-00-250-805-A00	SDE	Externally inspect the WING components by the Eddy Current Inspection Method: • Flap track, torque box (SSI 57-28-59)	–	22633 FC	532/632 541/641 551/651	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-250-806-A00	SDE	Externally inspect the WING components by the Eddy Current Inspection Method: • Ribs, torque box (SSI 57-28-60)	–	15824 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-28-00-250-807-A00	SDE	Internally inspect the WING components by the Eddy Current Inspection Method: • Ribs, torque box (SSI 57-28-60)	–	15824 FC	532/632	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-28-00-250-809-A00	SDE	Externally inspect the WING components by the Eddy Current Inspection Method: • Flap track, torque box (SSI 57-28-59)	30000	22633 FC	532/632 551/651	EMB-145XR
57-28-00-250-810-A00	SDE	Externally inspect the WING components by the Eddy Current Inspection Method: • Flap track, torque box (SSI 57-28-59)	23327	22633 FC	541/641	EMB-145XR
57-28-00-250-811-A00	SDE	Externally inspect the WING components by the Eddy Current Inspection Method: • Ribs, torque box (SSI 57-28-60)	30000	15824 FC	532/632	EMB-145XR
57-28-00-250-812-A00	SDE	Internally inspect the WING components by the Eddy Current Inspection Method: • Ribs, torque box (SSI 57-28-60)	30000	15824 FC	532/632	EMB-145XR
57-29-00-210-801-A00	GVI	Internally inspect the WING components: • Ribs, main landing gear bay (SSI 57-29-71)	–	5000 FC	532/632	ALL
57-29-00-210-802-A00	GVI	Externally inspect the WING components: • Skin/rib attachment, MLGB (SSI 57-29-72)	–	2500 FC	532/632	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-29-00-210-803-A00	GVI	Internally inspect the WING components: • Skin/rib attachment, MLGB (SSI 57-29-72)	–	5000 FC	532/632	ALL
57- 41-00-220-801-A00	DET	Internally inspect the WING LEADING EDGE components: • Machined rib flange (SSI 57-41-98)	–	10000 FC	511/611	ALL
57- 42-00-220-801-A00	DET	Internally inspect the WING LEADING EDGE components: • Machined rib flange (SSI 57-42-98)	–	10000 FC	512/612	ALL
57- 43-00-220-801-A00	DET	Internally inspect the WING LEADING EDGE components: • Machined rib flange (SSI 57-43-98)	–	10000 FC	513/613	ALL
57- 50-00-220-801-A00	DET	Externally inspect the FLAP components: • Fitting, root spar, flaps (SSI 57-50-74)	–	10000 FC	571/671 572/672	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-50-00-220-802-A00	DET	Internally inspect the FLAP components: • Fitting, root spar, flaps (SSI 57-50-74)	–	10000 FC	571/671 572/672	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-50-00-220-803-A00	DET	Externally inspect the FLAP components: • Roller attachment (SSI 57-50-76)	–	5000 FC	571/671 572/672	ALL
57-50-00-220-804-A00	DET	Externally inspect the FLAP components: • Flap rollers and torque boxes rollers (SSI 57-50-78)	–	10000 FC	571/671 572/672	ALL
57- 50-00-220-805-A00	DET	Externally inspect the FLAP components: • Fitting, root spar, flaps (SSI 57-50-74)	30000	10000 FC	571/671 572/672	EMB-145XR
57-50-00-220-806-A00	DET	Internally inspect the FLAP components: • Fitting, root spar, flaps (SSI 57-50-74)	30000	10000 FC	571/671 572/672	EMB-145XR
57-50-00-240-801-A00	SDE	Externally inspect the FLAP components by the Magnetic Particle Inspection Method: • Flap rollers and Torque boxes rollers (SSI 57-50-78)	–	30000 FC	571/671 572/672	ALL
57-50-00-250-801-A00	SDE	Externally inspect the FLAP components by the Eddy Current Inspection Method: • Roller attachment (SSI 57-50-76)	–	30000 FC	571/671 572/672	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-50-00-250-802-A00	SDE	Externally inspect the FLAP components by the Eddy Current Inspection Method: • Tracks, flaps (SSI 57-50-80)	–	22633 FC	571/671 572/672	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-50-00-250-803-A00	SDE	Externally inspect the FLAP components by the Eddy Current Inspection Method: • Tracks, flaps (SSI 57-50-80)	30000	22633 FC	571/671 572/672	EMB-145XR
57-52-00-210-802-A00	GVI	Internally inspect the FLAP components: • Ribs/skin attachment, inboard flap (SSI 57-52-79)	–	10000 FC	571/671	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-52-00-210-803-A00	GVI	Externally inspect the FLAP components: • Ribs/skin attachment, inboard flap (SSI 57-52-79)	–	2500 FC	571/671	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-52-00-210-804-A00	GVI	Externally inspect the FLAP components: • Vane inboard/outboard fittings, inboard flap (SSI 57-52-81)	–	2500 FC	571/671	ALL
57-52-00-210-805-A00	GVI	Internally inspect the FLAP components: • Ribs/skin attachment, inboard flap (SSI 57-52-79)	30000	10000 FC	571/671	EMB-145XR
57-52-00-220-802-A00	DET	Internally inspect the FLAP components: • Fitting tip, inboard flap (SSI 57-52-73)	–	16797 FC	571/671	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-52-00-220-803-A00	DET	Externally inspect the FLAP components: • Vane center fitting, inboard flap (SSI 57-52-78)	–	3447 FC	571/671	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-52-00-220-804-A00	DET	Internally inspect the FLAP components: • Fitting tip, inboard flap (SSI 57-52-73)	30000	16797 FC	571/671	EMB-145XR
57-52-00-220-805-A00	DET	Externally inspect the FLAP components: • Vane center fitting, inboard flap (SSI 57-52-78)	30000	3447 FC	571/671	EMB-145XR
57-53-00-210-802-A00	GVI	Internally inspect the FLAP components: • Ribs/skin attachment, outboard flap (SSI 57-53-86)	–	10000 FC	572/672	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-53-00-210-803-A00	GVI	Externally inspect the FLAP components: • Ribs/skin attachment, outboard flap (SSI 57-53-86)	–	2500 FC	572/672	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-53-00-210-804-A00	GVI	Externally inspect the FLAP components: • Vane inboard/outboard fittings, outboard flap (SSI 57-53-88)	–	2500 FC	572/672	ALL
57-53-00-210-805-A00	GVI	Internally inspect the FLAP components: • Center ribs attachment, outboard flap (SSI 57-53-87)	–	20000 FC	572/672	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-53-00-210-806-A00	GVI	Externally inspect the FLAP components: • Ribs/skin attachment, outboard flap (SSI 57-53-86)	30000	2500 FC	572/672	EMB-145XR
57-53-00-210-807-A00	GVI	Internally inspect the FLAP components: • Ribs/skin attachment, outboard flap (SSI 57-53-86)	30000	10000 FC	572/672	EMB-145XR
57-53-00-210-808-A00	GVI	Internally inspect the FLAP components: • Center ribs attachment, outboard flap (SSI 57-53-87)	30000	20000 FC	572/672	EMB-145XR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-53-00-220-801-A00	DET	Externally inspect the FLAP components: • Fitting, tip spar, outboard flap (SSI 57-53-83)	–	10000 FC	572/672	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-53-00-220-802-A00	DET	Internally inspect the FLAP components: • Fitting, tip spar, outboard flap (SSI 57-53-83)	–	16797 FC	572/672	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-53-00-220-805-A00	DET	Externally inspect the FLAP components: • Vane center fitting, outboard flap (SSI 57-53-85)	—	3447 FC	572/672	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-53-00-220-806-A00	DET	Externally inspect the FLAP components: • Fitting, tip spar, outboard flap (SSI 57-53-83)	30000	10000 FC	572/672	EMB-145XR
57-53-00-220-807-A00	DET	Internally inspect the FLAP components: • Fitting, tip spar, outboard flap (SSI 57-53-83)	30000	16797 FC	572/672	EMB-145XR
57-53-00-220-808-A00	DET	Externally inspect the FLAP components: • Vane center fitting, outboard flap (SSI 57-53-85)	30000	3447 FC	572/672	EMB-145XR
57-61-00-210-801-A00	GVI	Externally inspect the AILERON components: • Hinge attachment, aileron (SSI 57-61-89)	—	10000 FC	573/673	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD (Flight Cycles)	INT	ZONE	EFFECTIVITY
57-61-00-220-801-A00	DET	Externally inspect the AILERON components: • Actuator attachment, aileron (SSI 57-61-90)	–	5000 FC	573/673	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-61-00-220-802-A00	DET	Internally inspect the AILERON components: • Actuator attachment, aileron (SSI 57-61-90)	–	10000 FC	573/673	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR
57-61-00-220-806-A00	DET	Internally inspect the AILERON components: • Actuator attachment, aileron (SSI 57-61-90)	–	5738 FC	573/673	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-61-00-220-807-A00	DET	Externally inspect the AILERON components: • Actuator attachment, aileron (SSI 57-61-90)	30000	5000 FC	573/673	EMB-145XR
57-61-00-220-808-A00	DET	Internally inspect the AILERON components: • Actuator attachment, aileron (SSI 57-61-90)	30000	10000 FC	573/673	EMB-145XR

SECTION 5

CORROSION PREVENTION & CONTROL PROGRAM (CPCP)

5.1 GENERAL

This section contains the Corrosion Prevention Inspection Requirements resulting from MSG-3 analysis. These requirements consist of maintenance tasks and associated intervals developed to prevent structural degradation caused by environmental deterioration during the aircraft operational life.

The Corrosion Prevention Inspection Requirements are based on an assessment of structural design information and service experience with similar structure and related results. The requirements also take in account that each individual operator is aware and has adequately trained personnel in corrosion identification and detection techniques, and in cleaning and preservation of aircraft structure and components.

Upon the performance of the inspection, each individual operator must take into account any type of damage occurrence, such as fatigue, environmental and accidental damage.

Some SSIs having FD assessed as a critical source of damage according to the MSG-3 analysis have been selected to undergo the CPCP basic task herein described in item 5.8. The main purpose of the combination of inspections is to allow a better corrosion control by performing the CPCP basic task at the same time as the fatigue inspections.

5.2 REPORTING OF INSPECTION RESULTS

The Operator's Control Program should keep accurate records of all corrosion treatment after detection. Reports of Corrosion findings should be sent to maintenance.support@embraer.com.br.

Based on these reports, Embraer will evaluate the results of the Corrosion Prevention and Control Program of the fleet, and propose adjustments, when necessary.

It is not mandatory to report corrosion level 1. For corrosion levels 2 and 3 definition and reporting, refer to Corrosion Prevention Manual (CPM) chapter 51-11-01.

5.3 DEFINITION OF CORROSION LEVEL

Corrosion level is a means of determining the effectiveness of a CPCP relative to a given corrosion finding in terms of the severity of corrosion and the potential consequences to the continued airworthiness of the owner's/operator's fleet. The corrosion level 1 definition is given as follows:

CORROSION LEVEL 1

Damage occurring between successive inspections that is within allowable damage limits;

or,

Damage occurring between successive inspections that does not require structural reinforcement, replacement or new damage tolerance based inspections;

or,

Corrosion occurring between successive inspections that exceeds allowable limits but can be attributed to an event not typical of operator usage of other aircraft in the same fleet;

or,

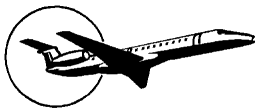
Light corrosion occurring repeatedly between inspections that eventually requires structural reinforcement, replacement or new damage tolerance based inspections.

5.4 LOCAL, WIDESPREAD, LIGHT CORROSIONS, APPROACHING ALLOWABLE LIMITS, ALLOWABLE LIMITS DEFINITION AND URGENT AIRWORTHINESS CONCERN

LOCAL CORROSION

Local corrosion is corrosion that does not exceed one frame, stringer, or stiffener bay.

Local corrosion is typically limited to a single frame, chord, stringer or stiffener, or corrosion of more than one frame, chord, stringer or stiffener where no corrosion exists on two adjacent members on each side of the corroded structure.



Local Corrosion examples:

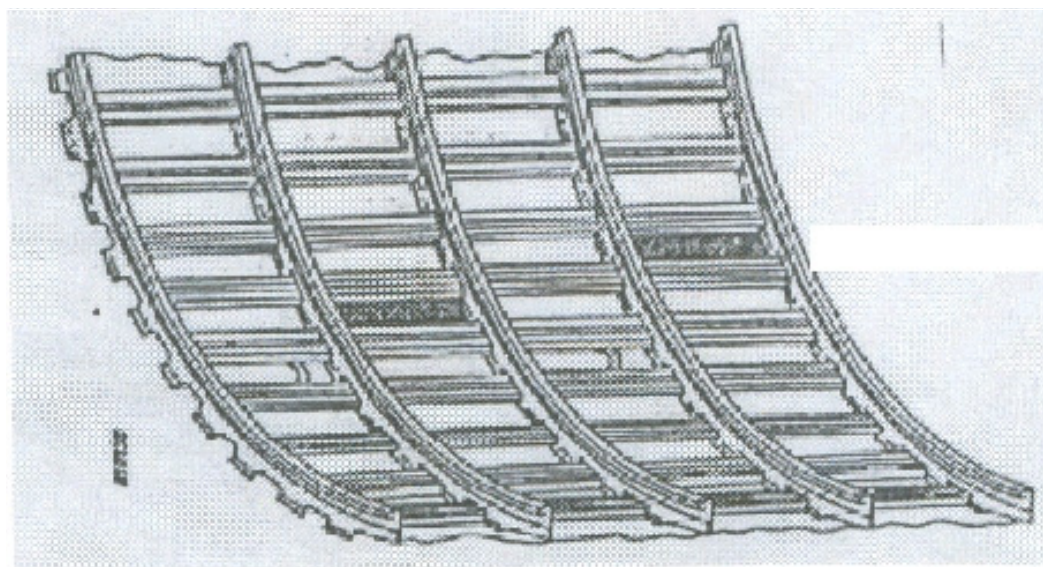


Figure 1. Local Corrosion (Corrosion occurring in non- adjacent skin panel bays)

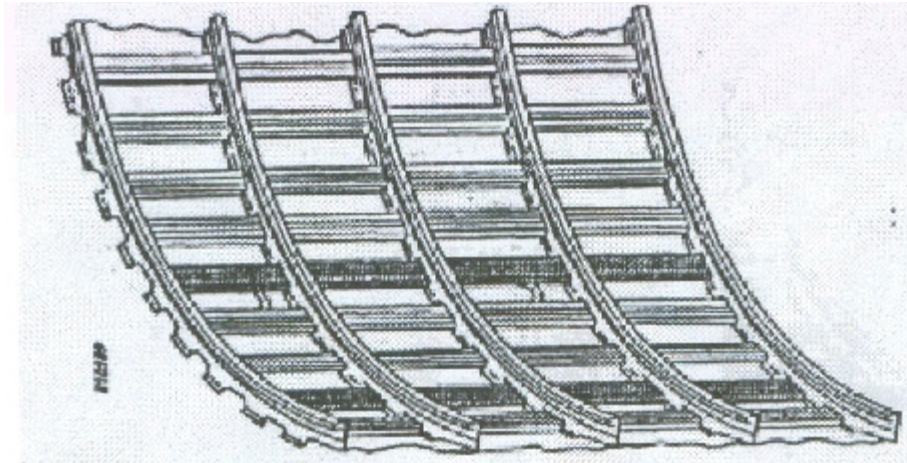


Figure 2. Local Corrosion (Corrosion occurring in non- adjacent stringers)

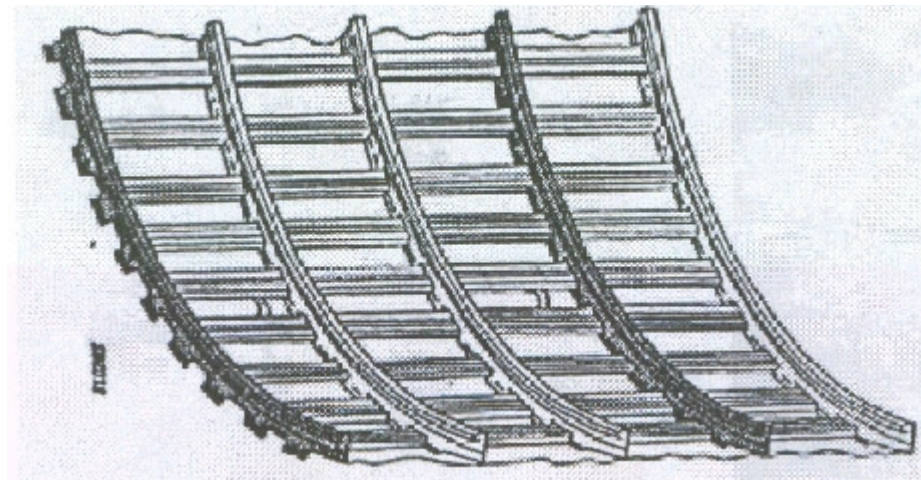


Figure 3. Local Corrosion (Corrosion occurring on non- adjacent frames)

WIDESPREAD CORROSION

Widespread corrosion is corrosion of two or more adjacent skin or web bays (a web bay is defined by frame, stringer or stiffener spacing),
or,

Widespread corrosion is corrosion of two or more adjacent frames, chords, stringers, or stiffeners, or, Widespread corrosion is corrosion of a frame, chord, stringer, or stiffener and an adjacent skin or web bay.

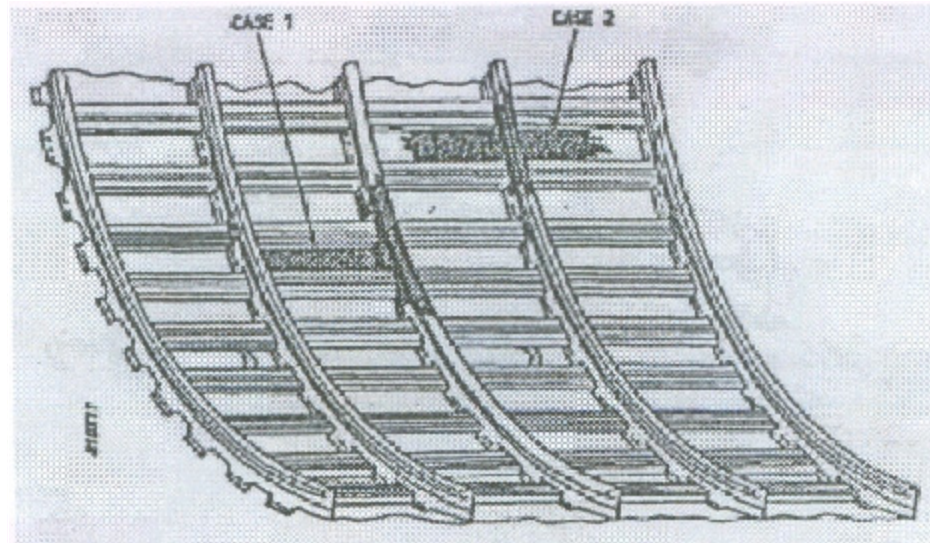


Figure 4: Widespread Corrosion (Corrosion occurring in adjacent frames and skin panels)

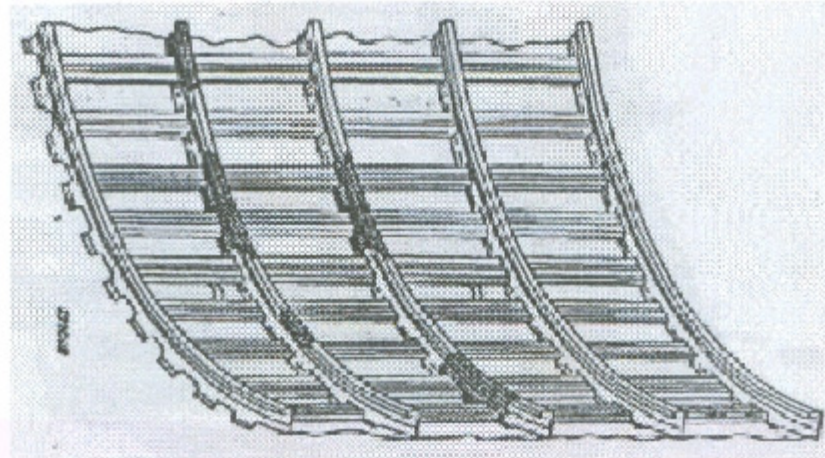


Figure 5: Widespread Corrosion (Corrosion occurring in adjacent frames)

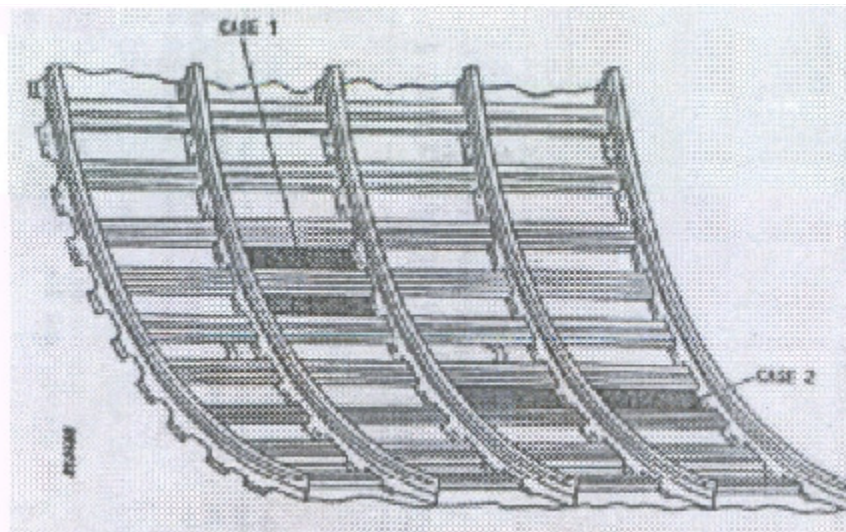


Figure 6: Widespread Corrosion (Corrosion occurring in adjacent skin panels bays)

LIGHT CORROSION

Light corrosion is corrosion damage so slight that removal and blend-out over multiple repeat interval may be accomplished before material loss exceeds the allowable limits.

APPROACHING ALLOWABLE LIMITS

Approaching allowable limit classification can be used for corrosion very close to allowable limit.

ALLOWABLE LIMIT

The allowable limit is the maximum amount of material (usually expressed in material thickness) that may be removed or blended out without affecting the ultimate design strength capability of the structural member. Allowable limits may be established by the Aircraft Certification Office.

The FAA may also establish allowable limits. The Aircraft Certification normally publishes allowable limits in the Structural Repair Manual or in Service Bulletins.

URGENT AIRWORTHINESS CONCERN

An urgent airworthiness concern is damage that could jeopardize continued safe operation of any airplane. An urgent airworthiness concern typically requires correction before the next flight and expeditious action to inspect the other airplanes in the operator's fleet.

5.5 MAINTENANCE TASK INTERVALS

The same task types and criteria for applicability and effectiveness of structural tasks are used for the Corrosion Prevention and Control Program with intervals given in calendar time.

5.6 LIST OF SCHEDULED MAINTENANCE REQUIREMENTS PRESENTATION

The maintenance requirements are presented per chapter as below:

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
52-10-00-220-C06-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Structure (SSI 52-10-01)	60 MO	30 MO	811	ALL
a	b	c	d	e	f	g

- a – REFERENCE NUMBER - Numbering as defined in 1.8.
- b – TYPE - Task type as defined in 4.2.
- c – DESCRIPTION - Description of the task to be performed.
- d – THRESHOLD – Corrosion threshold as defined in 5.9.
- e – INTERVAL - Task interval as defined in 5.5.
- f – ZONE - Aircraft zone where the task is performed.
- g – EFFECTIVITY - Task effectivity as defined in 1.9.

5.7 BASELINE PROGRAM IMPLEMENTATION REQUIREMENTS

The Baseline Program is subdivided into specific airplane task areas and locations, each having a Repeat Interval for application of the basic task.

The CPCP implementation is the starting point for corrosion control (time counted since the delivery of the aircraft) and implies that the Corrosion Inhibiting Compound (CIC) is already applied, and the control for subsequent applications must be evaluated during the accomplishment of CPCP task inspection.

The basic requirements for implementing the CPCP tasks listed in the Baseline Program are as follows:

- (a) Regardless of when an operator's CPCP is approved, the implementation requirements are measured from MRB revision 5.
- (b) The implementation age of the CPCP tasks must follow the logic diagram as stated in the item 5.7 (h).
- (c) The regions defined by the Structures Working Group for CIC reapplications (if required after each inspection) are described in the Corrosion Prevention Manual.
- (d) CIC Reapplication: The application of corrosion inhibiting compound (CIC) is an additional protection used to minimize the corrosion attack to the aircraft structure and maintain the corrosion level under control.

The CIC layer must be verified at each CPCP inspection, and reapplied if the coating is missing or shows signs of deterioration. The reapplication must be in accordance with the Corrosion Prevention Manual (CPM) chapter 51-11-01.

The following criteria should be taken into account for the CIC reapplication:

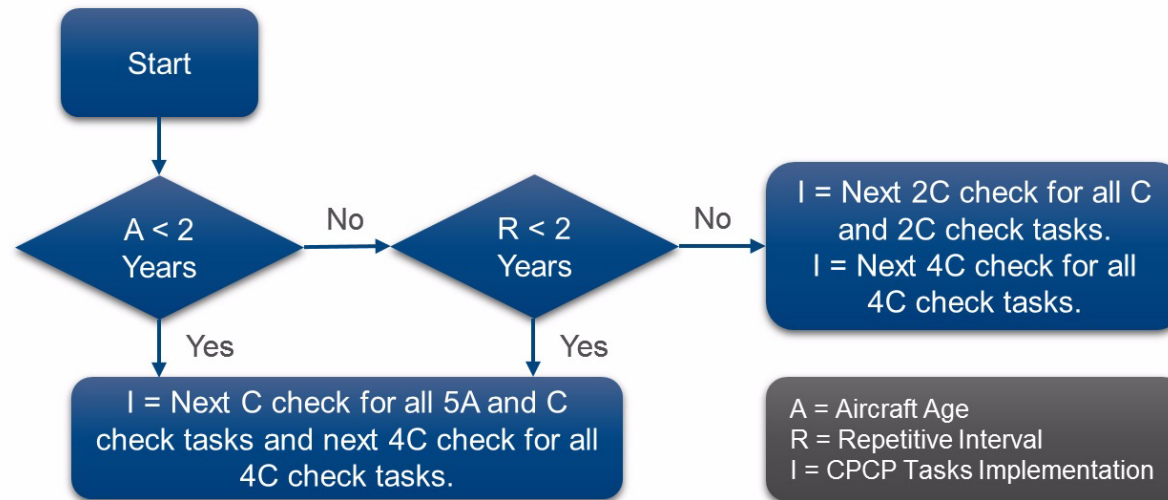
- CIC layer should be removed and reapplied in the following cases:
 - The layer is affected by contamination, physical damage, deteriorated or it is missing;
 - Necessity of structural repair in the SSI region;
 - Presence of multiple layers and/or dirt that can make it difficult to inspect the structural component.
 - In case CIC is removed for the inspection, the compound must be applied adequately, following the instructions in the Corrosion Prevention Manual (CPM).

- (e) Embraer suggests that the maximum number of CIC layers to be applied to the aircraft structure is two. After this limit, it is recommended to remove the old layers before the application of a new one.

Aircraft areas where there is less probability of corrosion development, or those where a product is necessary to penetrate in small cavities and crevices to displace water, have to receive a water displacing-type CIC (Type I).

Regions where there is more probability of corrosion development, such as galley, toilet, underfloor area, and landing gear bay, have to be protected with a heavier CIC (Type II). These products do not penetrate into nor drive water out of fine crevices.

- (f) To maintain the aircraft structure components controlled at corrosion level 1 or better, the Baseline Program can be adjusted as a result of the operator's findings and agreement of the Local Regulatory Authorities in conjunction with the Manufacturer. The intervals may be increased, depending on the finding of each operator (if consistently no greater than level 1 corrosion is found) or reduced (if consistently level 2 or 3 corrosion is found in repeated times).
- (g) New tasks may be developed for regions not covered by the CPCP if corrosion levels 2 and 3 are found in repeated times.
- (h) Implementation of Age Decision Logic Diagram.



5.8 BASIC TASK

The basic task comprises several steps that are necessary to be followed during the accomplishment of each task listed in this section. Item 5.8 (g), which is related to the CIC application, will be performed when indicated in the Baseline Program task description.

The following describes the basic task:

- Gain access to the area to be inspected. Remove the necessary equipment, access panels, and interior furnishing (E.g. galleys, wardrobes, lining, insulation) to comply with step 5.8 (c).
- Prior to the inspection, clean the area as required to accomplish step 5.8 (c). It is not necessary to remove Corrosion Inhibiting Compound (CIC) and/or sealant unless it is deteriorated or missing. A light uniform film of CIC that has not accumulated dirt or debris will normally allow adequate inspection of the structure without the need for its removal. CIC may require removal if there are multiple layers and/or accumulation of dirt or debris. It is recommended that CIC be removed before the application of the 3rd layer.
- Visually inspect all Structural Significant Items (SSI) from a distance considered necessary to detect early signs of corrosion or other types of damage. Pay particular attention in areas where the experience has shown that corrosion may occur. Non-destructive inspections or visual inspections following partial disassembly are required if there are indications of hidden corrosion, such as bulging skins or corrosion running into splices, under fittings, etc. In the task area, check the CIC layer and sealant condition to determine if their removal and reapplication is required.

- (d) If corrosion is found remove it, evaluate damage and repair or replace all discrepant structure as required, including application of protective finishes, according to Corrosion Prevention Manual.
- (e) Report findings with their respective corrosion level determination should be reported in accordance with item 5.2.
- (f) Clear any blocked holes or gaps that may hinder drainage.
- (g) If necessary, reapply suitable CIC layer according to 5.7 (c), and following the procedures contained in the Corrosion Prevention Manual.
- (h) Close/reinstall the equipment opened/removed.

5.9 CORROSION THRESHOLD

The first inspection (threshold) for the environmental deterioration corresponds to a period from the manufacturing date to the timely detection of such deterioration. These values are applicable only to Structural Significant Items (SSI) previously analyzed by Embraer and covered by CPCP Section, where the inspection is controlled in calendar time (years). After a threshold proposed by the manufacturer and approved by the regulatory authorities, the repetitive inspection directly related to the environmental deterioration will occur based on the MSG3 analysis, manufacturer and operator's experience.

Such thresholds have been established on the basis of the field data analysis taking into account the design characteristics such as the level of protection, material and the exposure to adverse environment.

These are subject to further change due to the improvement of each SSI design and the continuing field data collection and analysis.

CHAPTER 32 - LANDING GEAR

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
32-10-00-210-C01-A00	GVI	Externally inspect the MAIN LANDING GEAR components: • Leg structure, equipped (left) - MLG (SSI 32-10-01)	–	60 MO	731	ALL
32-10-00-210-C02-A00	GVI	Externally inspect the MAIN LANDING GEAR components: • Shock absorber piston tube assy - MLG (SSI 32-10-05)	–	30 MO	721/731	
32-10-00-210-C03-A00	GVI	Externally inspect the MAIN LANDING GEAR components: • Leg structure, equipped (right) - MLG (SSI 32-10-02)	–	60 MO	721	ALL
32-10-00-210-C04-A00	GVI	Externally inspect the MAIN LANDING GEAR components: • Upper secondary side strut assy - MLG (SSI 32-10-09)	–	60 MO	721/731	ALL
32-10-00-210-C05-A00	GVI	Externally inspect the MAIN LANDING GEAR components: • Lower secondary side strut assy - MLG (SSI 32-10-10)	–	60 MO	721/731	ALL
32-10-00-210-C06-A00	GVI	Externally inspect the MAIN LANDING GEAR components: • Shock absorber cylinder assy - MLG (SSI 32-10-06)	–	30 MO	721/731	ALL
32-20-00-210-C01-A00	GVI	Externally inspect the NOSE LANDING GEAR components: • Main drag strut bottom stay - NLG (SSI 32-20-14)	–	30 MO	711	ALL

CHAPTER 52 - DOORS (STANDARD MODEL)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
52-10-00-220-C02-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	–	30 MO	811	ALL
52-10-00-220-C06-A00	DET	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Structure (SSI 52-10-01)	48 MO	30 MO	811	ALL

CHAPTER 52 - DOORS (SIDE-HINGED MODEL)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
52-10-00-220-C01-A01	DET	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	–	120 MO	811	ALL
52-10-00-220-C02-A01	DET	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	–	60 MO	811	ALL
52-10-00-220-C04-A01	DET	Internally inspect the MAIN DOOR components: • Window frame (SSI 52-10-06) <u>NOTE</u> : Applicable to side-hinged door, only.	–	120 MO	811	ALL
52-10-00-220-C05-A01	DET	Externally inspect the MAIN DOOR components: • Window frame (SSI 52-10-06) <u>NOTE</u> : Applicable to side-hinged door, only.	96 MO	60 MO	811	ALL
52-10-00-220-C06-A01	DET	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Structure (SSI 52-10-01)	48 MO	30 MO	811	ALL

CHAPTER 52 - DOORS

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
52-30-00-210-C01-A00	GVI	Externally inspect the BAGGAGE DOOR components: • Baggage door structure (SSI 52-30-08)	48 MO	30 MO	813	ALL
52-30-00-210-C02-A00	GVI	Internally inspect the BAGGAGE DOOR components: • Baggage door structure (SSI 52-30-08)	–	120 MO	813	ALL
52-43-00-210-C01-A00	GVI	Externally inspect the SERVICE DOOR components: • Service door structure (SSI 52-43-10)	72 MO	30 MO	821	ALL

CHAPTER 52 - DOORS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
52-43-00-210-C02-A00	GVI	Internally inspect the SERVICE DOOR components: • Service door structure (SSI 52-43-10)	96 MO	60 MO	821	ALL
52-43-00-220-C01-A00	DET	Externally inspect the SERVICE DOOR components: • Service door-to-fuselage attachment fittings & interface parts (SSI 52-43-15)	96 MO	60 MO	821	ALL
52-43-00-220-C02-A00	DET	Internally inspect the SERVICE DOOR components: • Service door-to-fuselage attachment fittings & interface parts (SSI 52-43-15)	–	120 MO	821	ALL

CHAPTER 53 - FUSELAGE

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-11-00-210-C01-A00	GVI	Internally inspect the FUSELAGE components: • Bulkhead 1 structure (SSI 53-10-23)	–	120 MO	113/114	ALL
53-11-00-210-C02-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)	96 MO	60 MO	113/114 213/214	ALL
53-11-00-210-C03-A00	GVI	Externally inspect the FUSELAGE components: • Nose landing gear bay structure (SSI 53-10-24)	96 MO	60 MO	113/114	ALL
53-11-00-210-C05-A00	GVI	Internally inspect the FUSELAGE components: • Nose landing gear bay structure (SSI 53-10-24)	96 MO	60 MO	113/114	ALL
53-11-00-210-C06-A00	GVI	Internally inspect the FUSELAGE components: • Battery compartment cutout structure (SSI 53-10-44)	–	120 MO	113/114	ALL
53-11-00-210-C07-A00	GVI	Internally inspect the FUSELAGE components: • Hydraulic compartment cutout structure (SSI 53-10-45)	–	120 MO	113/114	ALL
53-11-00-210-C08-A00	GVI	Internally inspect the FUSELAGE components: • Longerons (SSI 53-10-46)	–	120 MO	113/114	ALL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-11-00-220-C01-A00	DET	Internally inspect the FUSELAGE components: • Nose landing gear fitting, including bearing cap and trunnion fitting (SSI 53-10-25) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-32-0063.	–	15 MO	113/114	ALL
53-11-00-220-C01-A01	DET	Internally inspect the FUSELAGE components: • Nose landing gear fitting, including bearing cap and trunnion fitting (SSI 53-10-25) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-32-0063.	–	30 MO	113/114	ALL
53-11-00-220-C02-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)	–	120 MO	113/114	ALL
53-11-00-220-C03-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin Circumferential splice (SSI 53-10-14)	–	120 MO	113/114 213/214	ALL
53-11-00-220-C04-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-10-15)	–	120 MO	113/114 213/214	ALL
53-11-00-220-C05-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-10-43)	–	120 MO	113/114 213/214	ALL
53-11-00-220-C07-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-10-15)	96 MO	60 MO	113/114 213/214	ALL
53-12-00-210-C01-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)	96 MO	60 MO	225/226	ALL
53-12-00-210-C03-A00	GVI	Externally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)	96 MO	60 MO	223/224 225/226	ALL
53-12-00-210-C04-A00	GVI	Externally inspect the FUSELAGE components: • Windshield center post, including its attachments and lower fitting (SSI 53-10-19)	96 MO	60 MO	223/224	ALL
53-12-00-210-C05-A00	GVI	Externally inspect the FUSELAGE components: • Maintenance door cutout structure (SSI 53-10-49)	96 MO	60 MO	123/124	ALL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-12-00-210-C07-A00	GVI	Internally inspect the FUSELAGE components: • Windshield panel (SSI 53-10-21)	–	120 MO	223/224	ALL
53-12-00-210-C10-A00	GVI	Externally inspect the FUSELAGE components: • Cockpit window cutout structure (SSI 53-10-18)	96 MO	60 MO	223/224 225/226	ALL
53-12-00-210-C11-A00	GVI	Externally inspect the FUSELAGE components: • Windshield panel (SSI 53-10-21)	96 MO	60 MO	223/224	ALL
53-12-00-210-C12-A00	GVI	Externally inspect the FUSELAGE components: • Cockpit window rear post and its attachment (SSI 53-10-22)	96 MO	60 MO	223/224	ALL
53-12-00-220-C01-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)	–	120 MO	123/124 223/224 225/226	ALL
53-12-00-220-C02-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-10-08)	–	120 MO	123/124 213/214 223/224	ALL
53-12-00-220-C03-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-10-14)	–	120 MO	123/124 223/224 225/226	ALL
53-12-00-220-C04-A00	DET	Internally inspect the FUSELAGE components: • Cockpit floor beams and columns (SSI 53-10-27)	–	120 MO	123/124	ALL
53-12-00-220-C06-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-10-15)	–	120 MO	123/124 223/224	ALL
53-12-00-220-C07-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-10-43)	–	120 MO	123/124 223/224 225/226	ALL
53-12-00-220-C08-A00	DET	Internally inspect the FUSELAGE components: • Maintenance door cutout structure (SSI 53-10-49)	–	120 MO	123/124	ALL
53-12-00-220-C09-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-10-15)	96 MO	60 MO	123/124 223/224	ALL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-21-00-210-C02-A00	GVI	Externally inspect the FUSELAGE components: • Main door attachments fittings and interface parts (SSI 53-20-04)	72 MO	30 MO	231	ALL
53-21-00-210-C03-A00	GVI	Externally inspect the FUSELAGE components: • Service door attachment fittings and interface parts (SSI 53-20-05)	72 MO	30 MO	232	ALL
53-21-00-220-C03-A00	DET	Internally inspect the FUSELAGE components: • Stops and backup structures for service door (SSI 53-20-02)	–	30 MO	232	ALL
53-21-00-220-C05-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	30 MO	131/132	ALL
53-21-00-220-C06-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	–	60 MO	231/232 131/132	ALL
53-21-00-220-C07-A00	DET	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns, including upper seat track supports (SSI 53-20-11) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-53-0026 or SB 145-53-0039 or SB 145-53-0041.	–	24 MO	131/132/ 231/232	ALL
53-21-00-220-C07-A01	DET	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns, including upper seat track supports (SSI 53-20-11) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB 145-53-0026, SB 145-53-0039 and SB 145-53-0041.	–	30 MO	131/132/ 231/232	ALL
53-22-00-210-C03-A00	GVI	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	–	60 MO	241/242	ALL
53-22-00-220-C01-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	60 MO	141/142 241/242	ALL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-22-00-220-C02-A00	DET	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns, including upper seat track supports (SSI 53-20-11) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-53-0041.	–	48 MO	141/142/ 241/242	ALL
53-22-00-220-C02-A01	DET	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns, including upper seat track supports (SSI 53-20-11) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-53-0041.	–	60 MO	141/142/ 241/242	ALL
53-22-00-220-C03-A00	DET	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	–	60 MO	241/242	ALL
53-22-00-220-C04-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	–	60 MO	141/142 241/242 243/244	ALL
53-22-00-220-C05-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	–	60 MO	141/142 241/242	ALL
53-22-00-220-C06-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	–	60 MO	141/142 241/242	ALL
53-23-00-210-C02-A00	GVI	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	–	60 MO	251/252	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-23-00-210-C04-A00	GVI	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	–	60 MO	251/252	ALL
53-23-00-220-C01-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	60 MO	151/152 153/154	ALL
53-23-00-220-C02-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	–	60 MO	151/152 153/154 251/252	ALL
53-23-00-220-C03-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	–	60 MO	251/252	ALL
53-23-00-220-C04-A00	DET	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns, including upper seat track supports (SSI 53-20-11) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-53-0041.	–	48MO	151/152/ 153/154/ 251/252	ALL
53-23-00-220-C04-A01	DET	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns, including upper seat track supports (SSI 53-20-11) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB 145-53-0041.	–	60MO	151/152/ 153/154/ 251/252	ALL
53-23-00-220-C05-A00	DET	Internally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51)	96 MO	60 MO	251/252	ALL
53-23-00-220-C06-A00	DET	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	60 MO	151/152 153/154	ALL
53-24-00-210-C01-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	30 MO	261/262	ALL
53-24-00-210-C02-A00	GVI	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	–	60 MO	261/262	ALL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-24-00-210-C03-A00	GVI	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	–	60 MO	261/262	ALL
53-24-00-210-C04-A00	GVI	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	–	60 MO	161/162 261/262	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-24-00-210-C07-A00	GVI	Externally inspect the VENTRAL FUEL TANK components: • Ventral fuel tank structure (SSI 53-20-85)	–	60 MO	196	EMB-145XR
53-24-00-210-C08-A00	GVI	Externally inspect the FUSELAGE components: • Toilet waste valve support (SSI 53-20-29)	–	30 MO	161/162	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-135KE EMB-135KL
53-24-00-210-C09-A00	GVI	Externally inspect the VENTRAL FUEL TANK component: • Frontal Side of Ventral Fuel tank structure (SSI 53-20-87) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-53-0074.	–	30 MO	196	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-24-00-210-C09-A01	GVI	Externally inspect the VENTRAL FUEL TANK component: • Frontal Side of Ventral Fuel tank structure (SSI 53-20-87) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-53-0074.	–	60 MO	196	EMB-145XR
53-24-00-220-C01-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	–	60 MO	161/162 261/262	ALL
53-24-00-220-C02-A00	DET	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and Columns, including upper seat track supports (SSI 53-20-11) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-53-0026 or SB 145-53-0041.	–	48 MO	161/162 261/262	ALL
53-24-00-220-C02-A01	DET	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns, including upper seat track supports (SSI 53-20-11) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-53-0026 and SB 145-53-0041.	–	60 MO	161/162 261/262	ALL
53-24-00-220-C03-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	–	60 MO	161/162 261/262	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-24-00-220-C04-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	–	60 MO	161/162 261/262	ALL
53-24-00-220-C05-A00	DET	Internally inspect the VENTRAL FUEL TANK components: • Ventral fuel tank structure (SSI 53-20-85)	–	60 MO	196	EMB-145XR

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-24-00-220-C06-A00	DET	Internally inspect the FUSELAGE components: • Toilet waste valve support (SSI 53-20-29)	–	30 MO	161/162	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-135KE EMB-135KL
53-24-00-220-C07-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	–	60 MO	161/162	EMB-145EP EMB-145ER EMB-145EU
53-24-00-220-C08-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	–	60 MO	161/162 261/262	EMB-145XR
53-24-00-220-C09-A00	DET	Internally inspect the VENTRAL FUEL TANK components: • Frontal Side of Ventral Fuel tank structure (SSI 53-20-87)	–	60 MO	196	EMB-145XR
53-31-00-210-C02-A00	GVI	Externally inspect the FUSELAGE components: • Toilet waste drain valve support (SSI 53-30-29)	–	30 MO	171/172	EMB-135ER EMB-135LR
53-31-00-220-C01-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	–	30 MO	171/172	ALL
53-31-00-220-C02-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	96 MO	60 MO	271/272	ALL
53-31-00-220-C03-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	96 MO	60 MO	273/274	ALL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-31-00-220-C04-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-30-14)	–	30 MO	171/172 271/272 273/274	ALL
53-31-00-220-C05-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	–	30 MO	171/172	ALL
53-31-00-220-C06-A00	DET	Internally inspect the FUSELAGE components: • Toilet waste drain valve support (SSI 53-30-29)	–	30 MO	171/172	EMB-135ER EMB-135LR
53-31-00-220-C07-A00	DET	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36)	–	30 MO	275/276	ALL
53-31-00-220-C08-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	–	30 MO	171/172	ALL
53-31-00-220-C09-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-30-08)	96 MO	60 MO	271/272 273/274	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-31-00-220-C10-A00	DET	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36)	–	60 MO	271/272	ALL
53-31-00-220-C11-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-30-08)	96 MO	60 MO	273/274	EMB-145EP EMB-145ER EMB-145EU
53-32-00-210-C01-A00	GVI	Externally inspect the FUSELAGE component: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	96 MO	60 MO	311/312	ALL

CHAPTER 53 - FUSELAGE (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
53-32-00-210-C02-A00	GVI	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	96 MO	60 MO	311/312	ALL
53-32-00-210-C05-A00	GVI	Internally inspect the FUSELAGE components: • Tail cone frame at APU mounting attachment (SSI 53-30-39)	96 MO	60 MO	311/312	ALL
53-32-00-220-C01-A00	DET	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36)	48 MO	30 MO	311/312	ALL
53-32-00-220-C02-A00	DET	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	96 MO	60 MO	311/312	ALL
53-32-00-220-C03-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-30-08)	96 MO	60 MO	311/312	ALL
53-32-00-220-C04-A00	DET	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-30-14)	96 MO	60 MO	311/312	ALL

CHAPTER 54 - NACELLE/PYLONS

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
54-50-00-220-C01-A00	DET	Internally inspect the PYLON components: • Pylon yokes III and IV (SSI 54-50-02)	–	60 MO	414/424	ALL
54-50-00-220-C02-A00	DET	Internally inspect the PYLON components: • Pylon yokes I and II (SSI 54-50-05)	–	60 MO	414/424	ALL
54-50-00-220-C03-A00	DET	Internally inspect the PYLON components: • Pylon yokes I and II upper flange (SSI 54-50-06)	–	60 MO	414/424	ALL

CHAPTER 55 - STABILIZERS

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
55-10-00-210-C02-A00	GVI	Externally inspect the HORIZONTAL STABILIZER components: • U shape, L shape and box structure - elevator command (SSI 55-10-22)	–	60 MO	337	ALL
55-10-00-210-C03-A00	GVI	Externally inspect the HORIZONTAL STABILIZER components: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	–	30 MO	337	ALL
55-10-00-210-C05-A00	GVI	Externally inspect the HORIZONTAL STABILIZER components: • Support quadrant assy, stabilizer (SSI 55-10-23)	96 MO	60 MO	337	ALL
55-10-00-210-C06-A00	GVI	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from rib sta. YH=990 to rib sta. YH=2965-lower surface (SSI 55-10-08)	–	60 MO	333/334	ALL
55-10-00-220-C01-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Ribs, from rib sta. YH=990 to rib sta. YH=2965 (SSI 55-10-05)	–	60 MO	333/334	ALL
55-10-00-220-C02-A00	DET	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from rib sta. YH=990 to rib sta. YH=2965-upper surface (SSI 55-10-03)	–	60 MO	333/334	ALL
55-10-00-220-C03-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front spar web and cap, from rib sta. YH=350 to rib sta. YH=2965 (SSI 55-10-10)	–	60 MO	333/334	ALL
55-10-00-220-C04-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Front spar web and cap, from fin to rib sta. YH=350, including center fitting/spar attachment (SSI 55-10-09)	–	60 MO	333/334	ALL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
55-10-00-220-C05-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar web & cap, from rib sta. YH=350 to rib sta. YH=2965, including fitting hinge stabilizer attach to elevator (SSI 55-10-13)	–	60 MO	333/334	ALL
55-10-00-220-C06-A00	DET	Internally inspect the HORIZONTAL STABILIZER components: • Ribs, from rib sta. YH=30 to rib sta. YH=990 (SSI 55-10-04)	–	60 MO	333/334	ALL
55-20-00-210-C01-A00	GVI	Externally inspect the ELEVATOR components: • Skin, between root and sta. YH=160 (SSI 55-20-26)	96 MO	60 MO	335/336	ALL
55-20-00-210-C02-A00	GVI	Internally inspect the ELEVATOR components: • Spars between root and sta. YH=160 (SSI 55-20-25)	96 MO	60 MO	335/336	ALL
55-20-00-210-C03-A00	GVI	Externally inspect the ELEVATOR components: • Skin, between sta. YH=160 and sta. YH= 3320 (SSI 55-20-28)	96 MO	60 MO	335/336	ALL
55-20-00-210-C04-A00	GVI	Externally inspect the ELEVATOR components: • Tab (SSI 55-20-37)	–	60 MO	335/336	ALL
55-20-00-210-C05-A00	GVI	Internally inspect the ELEVATOR components: • Spars, between sta. YH=160 and sta. YH=3320 (SSI 55-20-27)	96 MO	60 MO	335/336	ALL
55-20-00-220-C02-A00	DET	Internally inspect the ELEVATOR components: • Ribs, between root and sta. YH=160 (SSI 55-20-29)	96 MO	60 MO	335/336	ALL
55-20-00-220-C03-A00	DET	Externally inspect the ELEVATOR components: • Tab Hinge Fittings (SSI 55-20-36)	72 MO	30 MO	335/336	ALL
55-20-00-220-C05-A00	DET	Internally inspect the ELEVATOR components: • Ribs, between sta. YH=160 and sta. YH=983.4 (SSI 55-20-30)	96 MO	60 MO	335/336	ALL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
55-20-00-220-C06-A00	DET	Internally inspect the ELEVATOR components: • Ribs, between sta. YH=3001 and sta. YH=3320 (SSI 55-20-33)	96 MO	60 MO	335/336	ALL
55-20-00-220-C07-A00	DET	Internally inspect the ELEVATOR components: • Elevator horn mass balance weights, tubes, and attachments (SSI 55-20-90) NOTE: Applicable to aircraft Pre-Mod. SB 145-55-0040.	-	30 MO	335/336	ALL
55-20-00-220-C07-A01	DET	Internally inspect the ELEVATOR components: • Elevator horn mass balance weights, tubes, and attachments (SSI 55-20-90) NOTE: Applicable to aircraft Post-Mod. SB 145-55-0040.	-	60 MO	335/336	ALL
55-20-00-290-C01-A00	SDE	Internally inspect the ELEVATOR components using a boroscope: • Ribs, between sta. YH=983,4 and sta. YH=1898 (SSI 55-20-31)	—	60 MO	335/336	ALL
55-20-00-290-C02-A00	SDE	Internally inspect the ELEVATOR components using a boroscope: • Ribs, between sta. YH=1898 and sta. YH=3001 (SSI 55-20-32)	—	60 MO	335/336	ALL
55-30-00-210-C01-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at spars 1, 2, auxiliary spar 41% and stringers 20% & 35.5% between fuselage & rib sta. ZV=1169 (SSI 55-30-38)	96 MO	60 MO	324	ALL
55-30-00-210-C02-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at spar 3, auxiliary spar 52% and stringers 46.5% & 57.65%, between fuselage & rib sta. ZV=1169 (SSI 55-30-39)	72 MO	30 MO	325	ALL
55-30-00-210-C03-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at ribs from fuselage to sta. ZV=1169 (SSI 55-30-47)	96 MO	60 MO	325	ALL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
55-30-00-210-C04-A00	GVI	Internally inspect the VERTICAL STABILIZER components: • Ribs (sta. ZV=3461, ZV=2538, ZV=1677, ZV=1550.5, ZV=1430.5, ZV=1423, ZV=1302, ZV=1169 and ZV=915) (SSI 55-30-73)	96 MO	60 MO	325	ALL
55-30-00-210-C05-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at spars 1, 2, auxiliary spar 41% and stringers 20% & 35.5% between ribs sta. ZV=1169 & sta. ZV=2799 (SSI 55-30-40)	96 MO	60 MO	324	ALL
55-30-00-210-C06-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at spars 1, 2, auxiliary spar 41% and stringers 20% & 35.5% between rib sta. ZV=2799 & horizontal stabilizer (SSI 55-30-42)	96 MO	60 MO	324	ALL
55-30-00-210-C07-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at windows from fuselage to sta. ZV=1169 (SSI 55-30-44)	96 MO	60 MO	324	ALL
55-30-00-210-C08-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at windows between sta. ZV=2799 and horizontal stabilizer (SSI 55-30-46)	96 MO	60 MO	324	ALL
55-30-00-210-C09-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at spar 3, auxiliary spar 52% and stringers 46.5% & 57.65%, between ribs sta. ZV=1169 & sta. ZV=2799 (SSI 55-30-41)	72 MO	30 MO	325	ALL
55-30-00-210-C10-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at spar 3, auxiliary spar 52%, and stringers 46.5% & 57.65%, between rib sta. ZV=2799 & horizontal stabilizer (SSI 55-30-43)	72 MO	30 MO	325	ALL
55-30-00-210-C11-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at windows between sta. ZV=1169 & sta. ZV=2799 (SSI 55-30-45)	72 MO	30 MO	325	ALL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
55-30-00-210-C12-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at ribs, between sta. ZV=1169 and sta. ZV=2799 (SSI 55-30-48)	72 MO	30 MO	325	ALL
55-30-00-210-C13-A00	GVI	Externally inspect the VERTICAL STABILIZER components: • Skin at ribs, between sta. ZV=2799 and horizontal stabilizer (SSI 55-30-49)	72 MO	30 MO	325	ALL
55-30-00-220-C01-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Root rib, including bolts (SSI 55-30-70)	96 MO	60 MO	325	ALL
55-30-00-220-C02-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Ribs of horizontal stabilizer actuators (sta. ZV=3145, ZV=3015 and ZV=2799) (SSI 55-30-71)	96 MO	60 MO	325	ALL
55-30-00-220-C03-A00	DET	Internally inspect the VERTICAL STABILIZER components: • Ribs of actuator area (sta. ZV=1932 and ZV=2277) (SSI 55-30-72)	96 MO	60 MO	325	ALL
55-40-00-210-C01-A00	GVI	Externally inspect the RUDDER components: • Front spar - skin attachment (rudder I) (SSI 55-40-81)	96 MO	60 MO	326	ALL
55-40-00-210-C02-A00	GVI	Externally inspect the RUDDER components: • Spar - skin attachment (rudder II) (SSI 55-40-86)	96 MO	60 MO	327	ALL
55-40-00-210-C03-A00	GVI	Externally inspect the RUDDER components: • Rear spar - skin attachment (rudder I) (SSI 55-40-82)	96 MO	60 MO	326	ALL
55-40-00-210-C04-A00	GVI	Externally inspect the RUDDER components: • LT & RT skin - spar cap attachment (rudder I) (SSI 55-40-83)	96 MO	60 MO	326	ALL
55-40-00-210-C05-A00	GVI	Externally inspect the RUDDER components: • Ribs - skin attachment (rudder I) (SSI 55-40-84)	96 MO	60 MO	326	ALL
55-40-00-210-C06-A00	GVI	Externally inspect the RUDDER components: • Hinges - rudder I (SSI 55-40-85)	96 MO	60 MO	326	ALL

CHAPTER 55 - STABILIZERS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
55-40-00-210-C07-A00	GVI	Externally inspect the RUDDER components: • LT & RT skin - spar cap attachment (rudder II) (SSI 55-40-87)	96 MO	60 MO	327	ALL
55-40-00-210-C08-A00	GVI	Externally inspect the RUDDER components: • Ribs - skin attachment (rudder II) (SSI 55-40-88)	96 MO	60 MO	327	ALL
55-40-00-210-C09-A00	GVI	Externally inspect the RUDDER components: • Hinges - rudder II (SSI 55-40-89)	96 MO	60 MO	327	ALL
55-40-00-220-C03-A00	DET	Internally inspect the RUDDER components: • Front spar - skin attachment (rudder I) (SSI 55-40-81)	96 MO	60 MO	326	ALL
55-40-00-220-C04-A00	DET	Internally inspect the RUDDER components: • Spar - skin attachment (rudder II) (SSI 55-40-86)	96 MO	60 MO	327	ALL
55-40-00-220-C05-A00	DET	Internally inspect the RUDDER components: • Rear spar - skin attachment (rudder I) (SSI 55-40-82)	96 MO	60 MO	326	ALL
55-40-00-220-C06-A00	DET	Internally inspect the RUDDER components: • LT & RT skin - spar cap attachment (rudder I) (SSI 55-40-83)	96 MO	60 MO	326	ALL
55-40-00-220-C07-A00	DET	Internally inspect the RUDDER components: • Ribs - skin attachment (rudder I) (SSI 55-40-84)	96 MO	60 MO	326	ALL
55-40-00-220-C08-A00	DET	Internally inspect the RUDDER components: • Hinges - rudder I (SSI 55-40-85)	96 MO	60 MO	326	ALL
55-40-00-220-C09-A00	DET	Internally inspect the RUDDER components: • LT & RT skin - spar cap attachment (rudder II) (SSI 55-40-87)	96 MO	60 MO	327	ALL
55-40-00-220-C10-A00	DET	Internally inspect the RUDDER components: • Ribs - skin attachment (rudder II) (SSI 55-40-88)	96 MO	60 MO	327	ALL
55-40-00-220-C11-A00	DET	Internally inspect the RUDDER components: • Hinges - rudder II (SSI 55-40-89)	96 MO	60 MO	327	ALL

CHAPTER 57 - WINGS

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-01-00-220-C01-A00	DET	Internally inspect the WING STUB components: • Wing stub - lower skin - rib 2A attachment (SSI 57-01-15)	–	120 MO	155/156/ 157	ALL
57-01-00-220-C02-A00	DET	Internally inspect the WING STUB components: • Wing stub - rib 2A skin supports and their attachments to web, lower flange, and FWD & AFT web supports (SSI 57-01-18)	–	60 MO	155/156/ 157	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-01-00-220-C03-A00	DET	Externally inspect the WING STUB components: • Wing stub - lower skin - rib 2A attachment (SSI 57-01-15)	–	120 MO	155/156/ 157	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-01-00-220-C04-A00	DET	Externally inspect the WING STUB components: • Wing stub - upper skin - rib 2A attachment (SSI 57-01-19)	–	60 MO	155/156/ 157	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-01-00-220-C05-A00	DET	Internally inspect the WING STUB components: • Wing stub - Spar 2 - brackets ribs 2A attachments (SSI 57-01-17)	–	120 MO	155/156/ 157	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-01-00-220-C06-A00	DET	Internally inspect the WING STUB components: • Wing stub - spar 1 - brackets ribs 2A attachments (SSI 57-01-16)	–	120 MO	155/156/ 157	ALL
57-01-00-220-C07-A00	DET	Internally inspect the WING STUB components: • Wing stub - upper skin - rib 2A attachments (SSI 57-01-19)	–	60 MO	155/156/ 157	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145XR EMB-145MK EMB-135LR EMB-135KE EMB-135KL
57-10-00-210-C01-A00	GVI	Externally inspect the WING STUB components: • Upper skin - tire compartment composite panel (SSI 57-10-14)	–	120 MO	155/156/ 157	ALL
57-10-00-220-C01-A00	DET	Externally inspect the WING STUB components: • Spar 3 - lower skin attachments (SSI 57-10-09)	–	60 MO	155/156	EMB-145EU EMB-145EP EMB-145ER EMB-135ER

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-10-00-220-C02-A00	DET	Internally inspect the WING STUB components: • Spar 3 - lower skin attachments (SSI 57-10-09)	–	30 MO	155/156/ 157	ALL
57-10-00-220-C03-A00	DET	Internally inspect the WING STUB components: • Spar 1 - brackets, ribs 1 and 3 attachments (SSI 57-10-04)	–	60 MO	155/156/ 157	ALL
57-10-00-220-C04-A00	DET	Internally inspect the WING STUB components: • Upper skin - rib 1 attachments and spanwise splice of integral panel (SSI 57-10-13)	–	120 MO	155/156/ 157	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-C05-A00	DET	Externally inspect the WING STUB components: • Upper skin - rib 1 attachments and spanwise splice of integral panel (SSI 57-10-13)	–	30 MO	155/156/ 157	ALL
57-10-00-220-C06-A00	DET	Internally inspect the WING STUB components: • Spar 3 - lower skin attachments (SSI 57-10-09)	–	15 MO	155/156	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
57-10-00-220-C07-A00	DET	Internally inspect the WING STUB components: • Spar 3 - center bracket and rib 2 attachments (SSI 57-10-10)	–	60 MO	155/156	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
57-10-00-220-C08-A00	DET	Internally inspect the WING STUB components: • Upper skin - rib 1 attachments and spanwise splice of integral panel (SSI 57-10-13)	–	30 MO	155/156	EMB-145EU EMB-145EP EMB-145ER EMB-135ER

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-10-00-220-C09-A00	DET	Externally inspect the WING STUB components: • Rib 4 - lower flange and web (SSI 57-10-11)	–	60 MO	155/156/ 157	ALL
57-10-00-220-C10-A00	DET	Internally inspect the WING STUB components: • Spar 3 - center bracket and rib 2 attachments (SSI 57-10-10)	–	60 MO	155/156/ 157	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-C11-A00	DET	Internally inspect the WING STUB components: • Rib 4 - lower flange and web (SSI 57-10-11)	–	30 MO	155/156/ 157	ALL
57-10-00-220-C12-A00	DET	Internally inspect the WING STUB components: • Rib 2 - Longitudinal stringer-to-web attachments (SSI 57-10-12)	–	30 MO	155/156/ 157	ALL
57-10-00-220-C13-A00	DET	Internally inspect the WING STUB components: • Upper skin - tire compartment composite panel (SSI 57-10-14)	–	30 MO	155/156/ 157	ALL
57-10-00-220-C14-A00	DET	Internally inspect the WING STUB components: • Spar 2 - center brackets & rib 2 attachments and ribs 1 & 3 web attachments (SSI 57-10-07)	–	60 MO	155/156/ 157	ALL
57-10-00-220-C15-A00	DET	Externally inspect the WING STUB components: • Spar 3 - lower skin attachments (SSI 57-10-09)	–	30 MO	155/156/ 157	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-21-00-210-C01-A00	GVI	Externally inspect the WING components: • Upper skin/spar attachment (SSI 57-21-37)	72 MO	30 MO	531/631	ALL
57-21-00-210-C02-A00	GVI	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	96 MO	60 MO	531/631 541/641 551/651	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-C05-A00	GVI	Externally inspect the WING components: • Upper skin/spar attachment (SSI 57-21-37)	96 MO	60 MO	541/641 551/651	ALL
57-21-00-210-C06-A00	GVI	Externally inspect the WING components: • Lower skin panel chordwise joint (SSI 57-21-29)	–	60 MO	531/631	ALL
57-21-00-210-C07-A00	GVI	Internally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	–	60 MO	532/632	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-21-00-210-C08-A00	GVI	Internally inspect the WING components: • Upper skin panel spanwise joint (SSI 57-21-31)	–	60 MO	532/632 541/641	ALL
57-21-00-210-C09-A00	GVI	Internally inspect the WING components: • Skin panels (SSI 57-21-26)	96 MO	60 MO	551/651	ALL
57-21-00-210-C10-A00	GVI	Internally inspect the WING components: • Upper skin/spar stub attachment (SSI 57-21-39)	–	60 MO	531/631	ALL
57-21-00-210-C11-A00	GVI	Internally inspect the WING components: • Skin panels (SSI 57-21-26)	–	120 MO	531/631 541/641	ALL
57-21-00-210-C12-A00	GVI	Internally inspect the WING components: • Upper skin panel spanwise joint (SSI 57-21-31)	–	120 MO	531/631 551/651	ALL
57-21-00-210-C14-A00	GVI	Internally inspect the WING components: • Lower vent hole (SSI 57-21-33)	–	120 MO	541/641	ALL
57-21-00-210-C15-A00	GVI	Internally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	–	120 MO	551/651	ALL
57-21-00-210-C16-A00	GVI	Internally inspect the WING components: • Upper skin/spar attachment (SSI 57-21-37)	–	120 MO	541/641 551/651	ALL
57-21-00-210-C17-A00	GVI	Internally inspect the WING components: • Lower skin/wing stub attachment (SSI 57-21-38)	–	120 MO	531/631	ALL
57-21-00-210-C18-A00	GVI	Externally inspect the WING components: • Upper skin/wing stub attachment (SSI 57-21-39)	–	30 MO	531/631	ALL
57-21-00-210-C19-A00	GVI	Externally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	–	60 MO	531/631 541/641 551/651	ALL
57-21-00-210-C20-A00	GVI	Externally inspect the WING components: • Upper skin panel spanwise joint (SSI 57-21-31)	–	60 MO	531/631 541/641 551/651	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-21-00-210-C21-A00	GVI	Externally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	96 MO	60 MO	531/631 541/641	ALL
57-21-00-210-C22-A00	GVI	Externally inspect the WING components: • Gravity fuel hole (SSI 57-21-35)	96 MO	60 MO	541/641	ALL
57-21-00-210-C23-A00	GVI	Externally inspect the WING components: • Lower skin/wing stub attachment (SSI 57-21-38)	–	60 MO	531/631	ALL
57-21-00-210-C24-A00	GVI	Internally inspect the WING components: • Gravity fuel hole (SSI 57-21-35)	–	120 MO	541/641	ALL
57-21-00-210-C25-A00	GVI	Internally inspect the WING components: • Upper skin/spar attachment (SSI 57-21-37)	–	120 MO	531/631	ALL
57-21-00-220-C02-A00	DET	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	96 MO	60 MO	531/631 541/641 551/651	EMB-145XR
57-22-00-220-C01-A00	DET	Internally inspect the WING components: • Spar 1, web and stiffeners (SSI 57-22-40)	–	120 MO	531/631 541/641 551/651	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR
57-22-00-220-C02-A00	DET	Internally inspect the WINGLET components: • Front spar attachment points (SSI 57-22-46)	–	60 MO	561/661	EMB-145XR
57-22-00-220-C03-A00	DET	Internally inspect the WING components: • Spar 1, web and stiffeners (SSI 57-22-40)	–	30 MO	531/631 541/641 551/651	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-23-00-210-C01-A00	GVI	Internally inspect the WING components: • Spar 2/wing stub attachments (SSI 57-23-48)	–	60 MO	531/631	ALL
57-23-00-220-C01-A00	DET	Externally inspect the WING components: • Spar 2, web and stiffeners (SSI 57-23-45)	–	60 MO	531/631 541/641 551/651	ALL
57-23-00-220-C02-A00	DET	Internally inspect the WINGLET components: • Rear spar attachment points (SSI 57-23-50)	–	60 MO	561/661	EMB-145XR
57-24-00-210-C02-A00	GVI	Externally inspect the WING components: • Spar 3, web and stiffeners (SSI 57-24-49)	–	60 MO	532/632	ALL
57-24-00-210-C03-A00	GVI	Internally inspect the WING components: • Spar 3, web and stiffeners (SSI 57-24-49)	–	60 MO	532/632	ALL
57-24-00-210-C04-A00	GVI	Externally inspect the WING components: • Spar 3, web cutouts (SSI 57-24-51)	–	60 MO	532/632	ALL
57-24-00-210-C05-A00	GVI	Internally inspect the WING components: • Spar 3, web cutouts (SSI 57-24-51)	–	60 MO	532/632	ALL
57-25-00-210-C01-A00	GVI	Externally inspect the WING components: • Lower skin/rib attachment (SSI 57-25-54)	96 MO	60 MO	531/631 541/641 551/651	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-25-00-210-C02-A00	GVI	Externally inspect the WING components: • Upper skin/rib attachment (SSI 57-25-55)	96 MO	60 MO	531/631 541/641 551/651	ALL
57-25-00-210-C03-A00	GVI	Internally inspect the WING components: • Ribs, main box (SSI 57-25-53)	–	120 MO	531/631 541/641 551/651	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-25-00-210-C04-A00	GVI	Internally inspect the WING components: • Lower skin/rib attachment (SSI 57-25-54)	–	120 MO	531/631 541/641 551/651	ALL
57-25-00-210-C05-A00	GVI	Internally inspect the WING components: • Upper skin/rib attachment (SSI 57-25-55)	–	120 MO	531/631 541/641 551/651	ALL
57-25-00-220-C01-A00	DET	Internally inspect the WINGLET components: • Rib 25 (SSI 57-25-57)	–	60 MO	561/661	EMB-145XR
57-25-00-220-C02-A00	DET	Internally inspect the WING components: • Ribs, main box (SSI 57-25-53)	–	120 MO	531/631 541/641 551/651	EMB-145XR
57-25-00-220-C03-A00	DET	Externally inspect the WING components: • Lower skin/rib attachment (SSI 57-25-54)	96 MO	60 MO	531/631 541/641 551/651	EMB-145XR

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-26-00-220-C01-A00	DET	Internally inspect the WING components: • FWD & aft side brace fittings – MLG (SSI 57-26-56) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-32-0063.	–	15 MO	532/632	ALL
57-26-00-220-C01-A01	DET	Internally inspect the WING components: • FWD & aft side brace fittings – MLG (SSI 57-26-56) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-32-0063.	–	30 MO	532/632	ALL
57-26-00-220-C02-A00	DET	Internally inspect the WING components: • Lower Bearing Cap (SSI 57-26-94) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-32-0063.	–	15 MO	532/632	ALL
57-26-00-220-C02-A01	DET	Internally inspect the WING components: • Lower Bearing Cap (SSI 57-26-94) <u>NOTE 1</u> : Applicable to aircraft Post-Mod. SB 145-32-0063. <u>NOTE 2</u> : If corrosion is detected on the lower bearing cap internal surface, perform internal inspection on the corresponding upper trunnion bearing surface.	–	30 MO	532/632	ALL
57-26-00-220-C03-A00	DET	Internally inspect the WING components: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-32-0063.	–	15 MO	532/632	ALL
57-26-00-220-C03-A01	DET	Internally inspect the WING components: • Aft upper Trunnion (SSI 57-26-95) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-32-0063.	–	60 MO	532/632	ALL
57-26-00-220-C04-A00	DET	Internally inspect the WING components: • Fwd upper Trunnion (SSI 57-26-96) <u>NOTE</u> : Applicable to aircraft Pre-Mod. SB 145-32-0063.	–	15 MO	532/632	ALL
57-26-00-220-C04-A01	DET	Internally inspect the WING components: • Fwd upper Trunnion (SSI 57-26-96) <u>NOTE</u> : Applicable to aircraft Post-Mod. SB 145-32-0063.	–	60 MO	532/632	ALL
57-28-00-210-C01-A00	GVI	Externally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	–	30 MO	551/651	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-28-00-210-C02-A00	GVI	Externally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)	48 MO	30 MO	541/641	ALL
57-28-00-210-C03-A00	GVI	Externally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)	96 MO	60 MO	532/632	ALL
57-28-00-210-C06-A00	GVI	Externally inspect the WING components: • Attachment lugs aileron (SSI 57-28-66)	–	60 MO	551/651	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR
57-28-00-210-C07-A00	GVI	Externally inspect the WING components: • Flap actuator attachment fittings (SSI 57-28-67)	96 MO	60 MO	532/632 541/641	ALL
57-28-00-210-C08-A00	GVI	Internally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	–	60 MO	551/651	ALL
57-28-00-210-C09-A00	GVI	Internally inspect the WING components: • Upper skin, torque box (SSI 57-28-61)	96 MO	60 MO	532/632	ALL
57-28-00-210-C10-A00	GVI	Internally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)	–	120 MO	532/632	ALL
57-28-00-210-C11-A00	GVI	Internally inspect the WING components: • Upper skin, torque box (SSI 57-28-61)	–	120 MO	541/641 551/651	ALL
57-28-00-210-C13-A00	GVI	Internally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	–	60 MO	532/632	ALL
57-28-00-210-C14-A00	GVI	Internally inspect the WING components: • Tracks/ribs attachment, torque box (SSI 57-28-62)	–	120 MO	532/632 541/641	ALL
57-28-00-210-C15-A00	GVI	Externally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	–	30 MO	532/632	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-28-00-220-C01-A00	DET	Externally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)	72 MO	30 MO	551/651	ALL
57-28-00-220-C03-A00	DET	Externally inspect the WING components: • Flap track, torque box (SSI 57-28-59)	96 MO	60 MO	532/632 541/641 551/651	ALL
57-28-00-220-C05-A00	DET	Externally inspect the WING components: • Tracks/rib attachment, torque box 3 (SSI 57-28-65)	–	60 MO	551/651	ALL
57-28-00-220-C07-A00	DET	Externally inspect the WING components: • Attachment actuator lugs, inboard/outboard spoilers (SSI 57-28-70)	–	60 MO	532/632	ALL
57-28-00-220-C09-A00	DET	Internally inspect the WING components: • Tracks/rib attachment, torque box 3 (SSI 57-28-65)	–	120 MO	551/651	ALL
57-28-00-220-C11-A00	DET	Internally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	96 MO	60 MO	532/632	ALL
57-28-00-220-C12-A00	DET	Externally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	96 MO	60 MO	532/632	ALL
57-41-00-210-C01-A00	GVI	Externally inspect the WING LEADING EDGE components: • Wing leading edge 1 skin (SSI 57-41-94)	48 MO	30 MO	511/611	ALL
57-42-00-210-C01-A00	GVI	Externally inspect the WING LEADING EDGE components: • Wing leading edge 2 skin (SSI 57-42-95)	48 MO	30 MO	512/612	ALL
57-42-00-220-C01-A00	DET	Externally inspect the WING LEADING EDGE components: • Wing leading edge 2 bottom skin at connections to lower rear girder & wing lower spar cap (SSI 57-42-97)	–	30 MO	512/612	ALL
57-43-00-210-C01-A00	GVI	Externally inspect the LEADING EDGE components: • Wing leading edge 3 skin (SSI 57-43-96)	48 MO	30 MO	513/613	ALL

CHAPTER 57 - WINGS (CONTINUED)

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INT	ZONE	EFFECTIVITY
57-50-00-220-C01-A00	DET	Externally inspect the FLAP components: • Tracks/rib attachment, flaps (SSI 57-50-77)	96 MO	60 MO	571/671 572/672	ALL
57-50-00-220-C02-A00	DET	Externally inspect the FLAP components: • Tracks, flaps (SSI 57-50-80)	96 MO	60 MO	571/671 572/672	ALL
57-52-00-210-C01-A00	GVI	Externally inspect the FLAP components: • Pin and actuator lugs, inboard flap (SSI 57-52-75)	96 MO	60 MO	571/671	ALL
57-52-00-220-C01-A00	DET	Externally inspect the FLAP components: • Fitting tip spar, inboard flap (SSI 57-52-73)	96 MO	60 MO	571/671	ALL
57-53-00-210-C01-A00	GVI	Externally inspect the FLAP components: • Pin and actuator lugs, outboard flap (SSI 57-53-84)	96 MO	60 MO	572/672	ALL
57-53-00-210-C02-A00	GVI	Externally inspect the FLAP components: • Center ribs attachment, outboard flap (SSI 57-53-87)	96 MO	60 MO	572/672	ALL
57-61-00-210-C01-A00	GVI	Externally inspect the AILERON components: • Hinges attachment, aileron (SSI 57-61-89)	96 MO	60 MO	573/673	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR
57-61-00-210-C02-A00	GVI	Externally inspect the AILERON components: • Spar cap, aileron (SSI 57-61-91)	96 MO	60 MO	573/673	ALL
57-70-00-210-C01-A00	GVI	Externally inspect the SPOILER components: • Hinges attachment, spoilers (SSI 57-70-92)	–	60 MO	5712/6712 5713/6713	ALL
57-70-00-210-C02-A00	GVI	Externally inspect the SPOILER components: • Actuator attachment, spoilers (SSI 57-70-93)	–	60 MO	5712/6712 5713/6713	ALL

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SECTION 6

ZONAL INSPECTION REQUIREMENTS

6.1 GENERAL

This section contains the Zonal Inspection Requirements resulting from the MSG-3 analysis. These requirements consist of a series of General Visual Inspections developed for each individual zone of the aircraft. These inspections are intended to check the aircraft system and powerplant installations as well as the aircraft structure for security and general condition. Specific Visual (Failure Finding Tasks), Detailed, or Special Detailed Inspections are restricted to the Systems & Powerplant and Structural Inspection Requirements (Sections 3, 4, and 5).

When necessary, seats, carpets, headliner and sidewall trim panels, including insulation, may be removed to permit access and complete a Zonal Inspection. Clean-up procedures should be used prior to performing zonal inspections.

6.2 ZONAL TASK INTERVALS

Task intervals are given in Flight Hours (FH) based on a letter check arrangement as follow:

- C: 5000 FH
- 2C: 10000 FH
- 3C: 15000 FH
- 4C: 20000 FH

6.3 ZONAL INSPECTION CRITERIA

A General Visual Inspection (GVI) is a visual examination of an interior or exterior area, installation or assembly to detect obvious damage, failure or irregularity. This level of inspection is conducted under normally available lighting conditions such as daylight, hangar lighting, flashlight or drop-light and may require removal or opening of access panels or doors. Stands, ladders or platforms may be required to gain proximity to the area being checked. Unless otherwise stated, the GVIs should be conducted within touching distance.

A GVI encompasses the following:

- Examination of components for proper mounting or attachment to the related support or adjacent equipment, comprising: safetying, clamp looseness, excessive play, misalignment, loose tubing and hoses or electrical connections, missing rivets, bolts or screws, and loose connections or hinges.

- Inspection of structural parts, such as frames/bulkheads, fittings, longerons, stringers, and supports, for loose rivets, nicks, dents, cracks, separation of bonding, corrosion, jamming, cleaning, erosion, deformation, warp, deteriorated protective treatment, and overheating.
- Inspection of ducts, hoses, and piping system components (such as hydraulic, fuel, air conditioning, pitot-static, oxygen, etc.) for nicks, dents, cleaning, cracks, chafing, leakage, distortion, wear, corrosion, clogging, cuts, and overheating.
- Inspection of electrical and electronic system cabling for erosion, poor insulation, cuts, deformation, poor cleaning, chafing, overheating, defective soldering, including such items as loose wires, connectors backshell looseness, and shields termination at tag-rings and strain reliefs associated with HIRF protection.
- Inspection of parts or areas made out of composite, plastic, fabric, etc. for delamination, scratches, uncleanliness, cracks, chafing, crazing, deterioration, erosion, wear, distortion, defective protection, flaking, bruise, loss of flexibility, overheating, and contamination.
- Inspection of parts of flight control mechanisms for alignment, distortion, buckling, cleaning, cuts, tears, chafing, fraying and wear of cables, cracks, separation of bonding, jamming, and corrosion.

6.4 EWIS TASKS

Tasks with the note "EWIS" (Electrical Wiring Interconnection System) are the scheduled maintenance requirements defined following the Instructions for Continuous Airworthiness using an Enhanced Zonal Analysis Procedure (EZAP). Those requirements are included in Section 3 - System & Powerplant Inspection Requirements (ATA chapter 20) and Section 6 - Zonal Inspection Requirements. For EWIS definition refer to APPENDIX 5 - GLOSSARY, ABBREVIATIONS AND ACRONYMS.

6.5 LIST OF SCHEDULED MAINTENANCE REQUIREMENTS PRESENTATION

The maintenance requirements are presented per zone as below:

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z111-213-001-A00	External General Visual Inspection	2C		ALL
53-Z111-214-001-A00	Internal General Visual Inspection	2C	111	ALL
a	b	c	d	e

a – REFERENCE NUMBER - numbering composed of five elements:

- 1. ATA Reference for Aircraft Structure

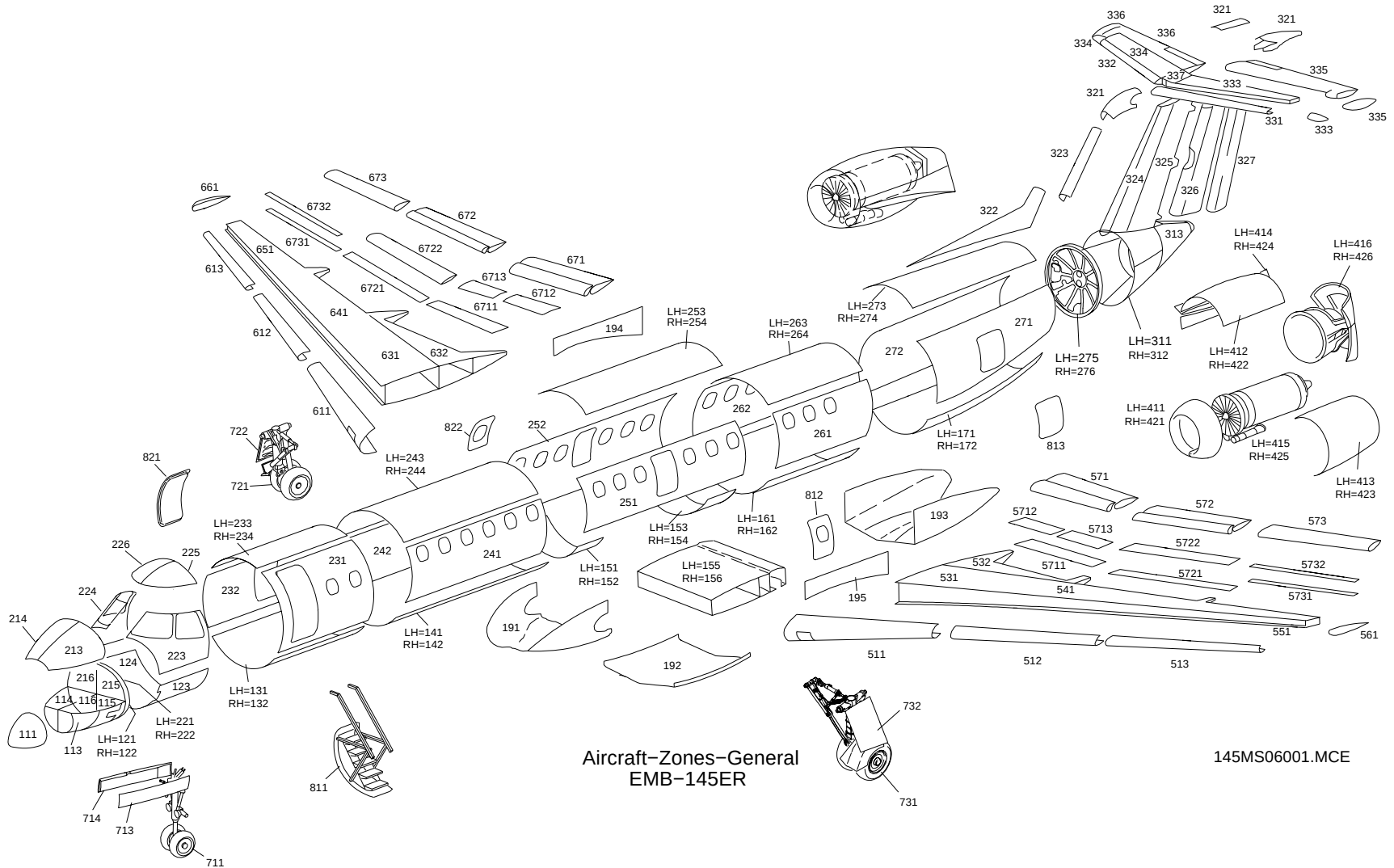
- 2. Zone identification
 - 3. Function Code as defined in 1.8.1, 213 being an External GVI and 214 an Internal GVI.
 - 4. Sequence Number.
 - 5. Effectivity Identifier
- b – DESCRIPTION - Description of the task to be performed.
- c – INT - Task interval as defined in 6.2.
- d – ACCESS (as applicable) - Access doors and panels necessary to perform the task .
- e – EFFECTIVITY - Task Effectivity as defined in 1.9.

6.6 ZONES COVERED BY TASKS OF OTHER ZONES

The zones listed below have no tasks associated for the side mentioned. These areas are covered by tasks of other zones.

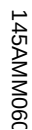
<i>SIDE</i>	<i>ZONES</i>	<i>COVERED BY TASKS (*)</i>
External	151 / 152 / 153 / 154 / 155 / 156	53-Z191-214-002-A00
External	151 / 152 / 153 / 154 / 155 / 156 / 157	53-Z191-214-001-A00 53-Z191-214-003-A00
External	161 / 162	53-Z191-214-001-A00 53-Z191-214-002-A00 53-Z191-214-003-A00
External	337	55-Z321-214-001-A00
External	415/425	71-Z411-214-001-A00

(*) according to the aircraft model.



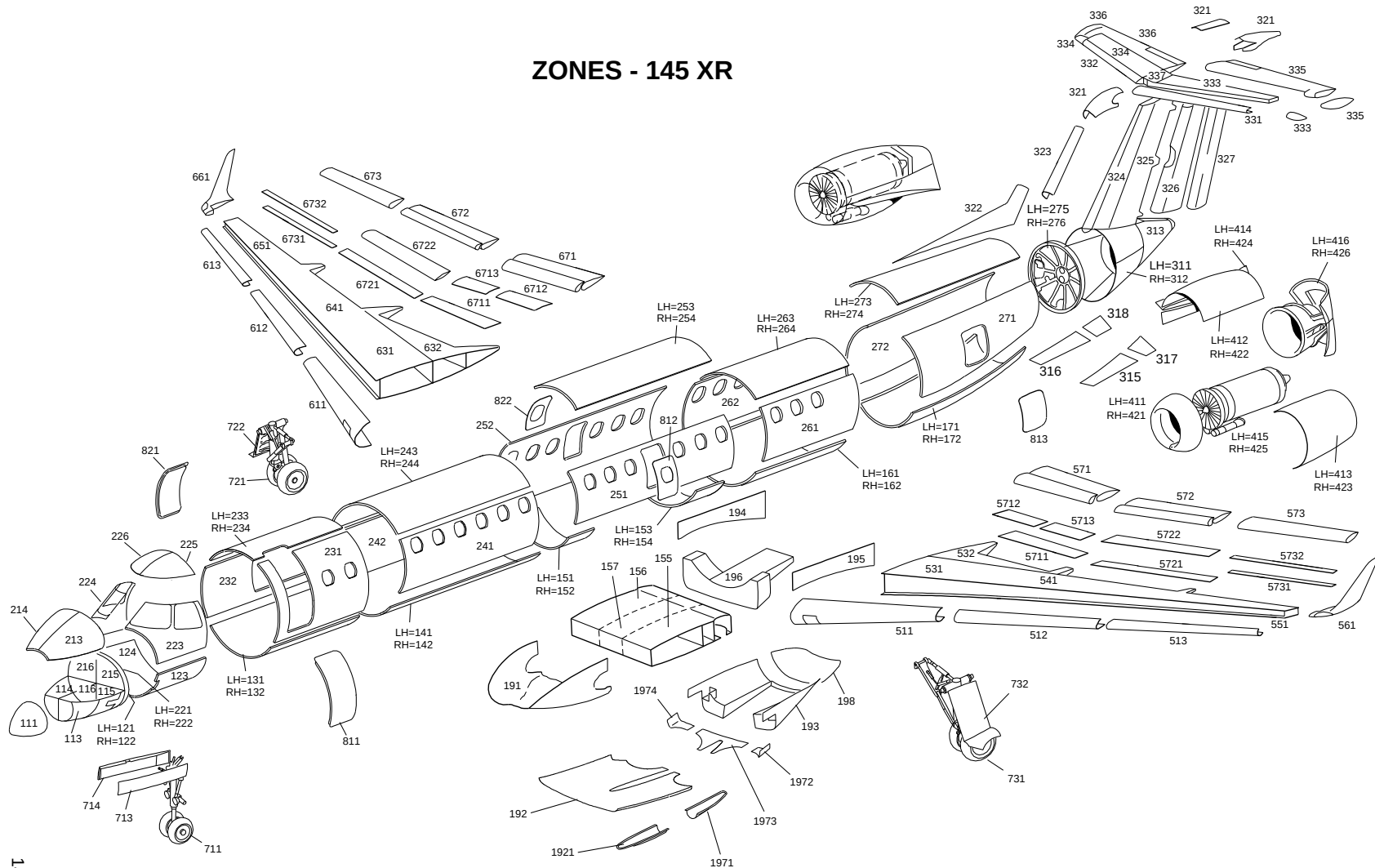
Aircraft-Zones-General
EMB-145ER

145MS06001.MCE

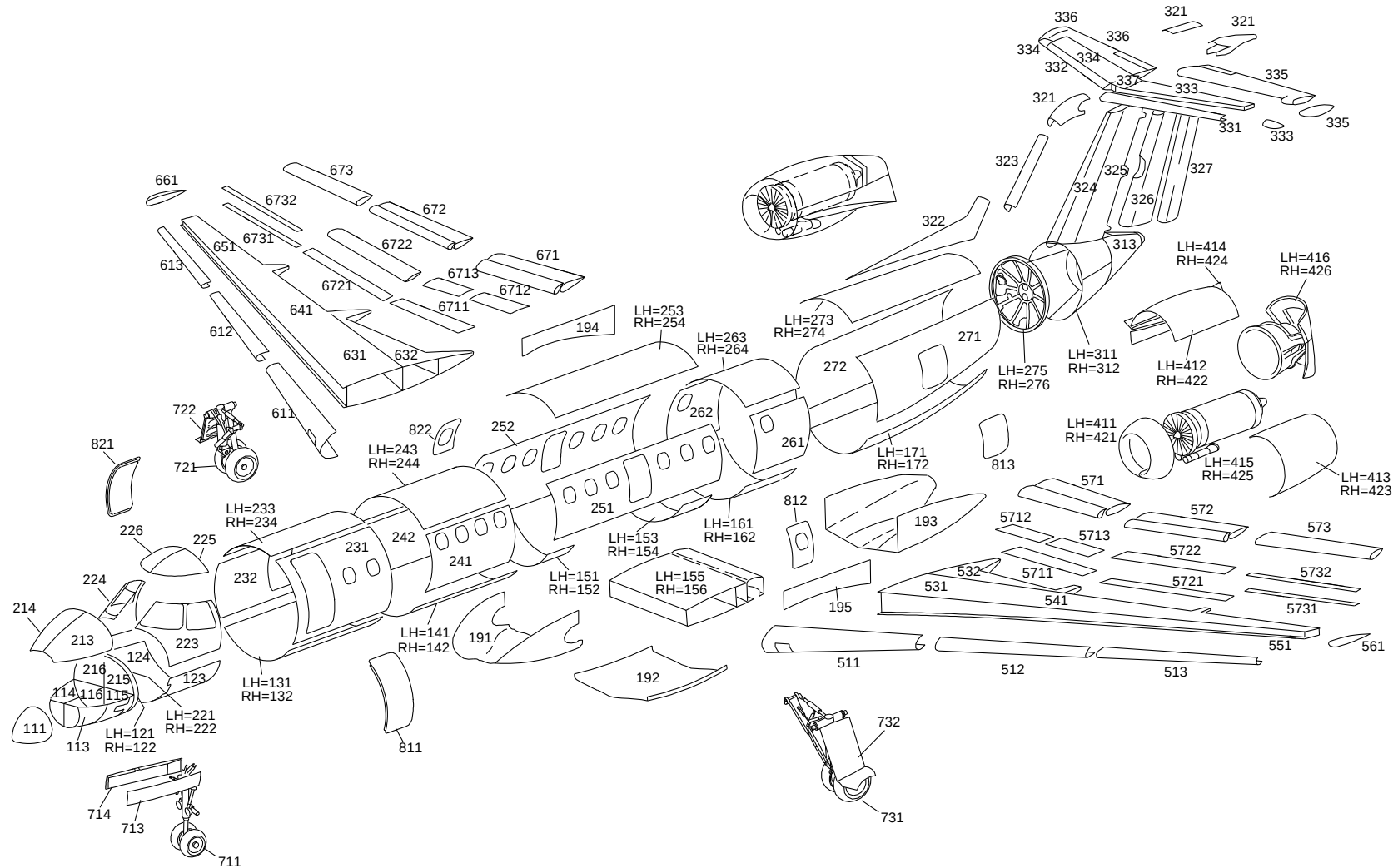


ZONES - 145 XR

ZONES - 145 XR

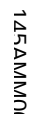


145AMMC



Aircraft-Zones-General
EMB-135ER

135MM06093.MCE A



145AMM060094.MCE B

[illegible]

145AMM060146.MCE A



MAINTENANCE REVIEW BOARD REPORT

RADOME

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONE 111			
53-Z111-213-001-A00	External General Visual Inspection	2C		ALL
53-Z111-214-001-A00	Internal General Visual Inspection	2C	111	ALL

FORWARD FUSELAGE I

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONES 113/114			
53-Z113-213-001-A00	External General Visual Inspection	2C		ALL
	ZONE 113			
53-Z113-214-001-A00	Internal General Visual Inspection	2C	113DL 113EL	ALL
	ZONE 114			
53-Z114-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	114CR	ALL
	ZONES 213/214			
53-Z213-213-001-A00	External General Visual Inspection	2C		ALL
	ZONES 113/114/213/214/215/216			
53-Z213-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	113AZ 113BZ 113CZ 114AZ 114BZ	ALL

FORWARD FUSELAGE II

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z123-213-001-A00	<i>ZONES 123/124</i> External General Visual Inspection	2C		ALL
53-Z123-214-001-A00	<i>ZONES 121/122/123/124</i> Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	123BL 221AF/BF/ CF/DF/EF/ FF/GF 222AF/BF/ CF/DF/EF/FF/ GF	ALL
53-Z223-213-001-A00	<i>ZONES 223/224</i> External General Visual Inspection	2C		ALL
53-Z223-214-001-A00	<i>ZONES 221/222/223/224</i> Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	223AZ/BZ/ CLW/DLW/ ELW/FLW/GZ/ HZ/IZ/ JLW/KLW/ LZ/MZ/NZ/OZ/ PZ/QZ/RZ/SZ/ TZ/UZ 224CRW/ DRW/ERW/ FRW/GZ/ HZ/JRW/ KRW/ 224MZ/NZ	ALL



MAINTENANCE REVIEW BOARD REPORT

FORWARD FUSELAGE II (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONES 225/226			
53-Z225-213-001-A00	External General Visual Inspection	4C		ALL
53-Z225-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : Perform at the opportunity of CPCP task 53-12-00-220-C01-A00 accomplishment.	4C	225ALC/ BLC/CTC/ DTC/ETC 226ARC/ 226BRC	ALL

CENTER FUSELAGE I

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONES 131/132			
53-Z131-213-001-A00	External General Visual Inspection	2C		ALL
53-Z131-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	C	231AF 231BF 231CF 231DF 231EF 231FF 231GF 231HF 231JF 232AF 232BF 232CF 232DF	ALL
	ZONES 231/232			
53-Z231-213-001-A00	External General Visual Inspection	2C		ALL

CENTER FUSELAGE I (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
ZONES 231/232 (Continued)				
53-Z231-214-001-A00	Internal General Visual Inspection	2C	231ALW 231BLW 231CLW 241ALW 241DLW 242ARW 242BRW 242DRW	ALL
ZONES 233/234				
53-Z233-213-001-A00	External General Visual Inspection	2C		ALL
53-Z233-214-001-A00	Internal General Visual Inspection	4C	233ALC 233BLC 233CLC 234ARC 243ALC	ALL

CENTER FUSELAGE II

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
ZONES 141/142				
53-Z141-213-001-A00	External General Visual Inspection	2C		ALL



MAINTENANCE REVIEW BOARD REPORT

CENTER FUSELAGE II (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z141-214-001-A00	<i>ZONES 141/142 (Continued)</i> Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	231GF 231HF 241AF 241BF 241CF 241DF 241EF 242AF 242BF 242CF 242DF 251BF	ALL
53-Z241-213-001-A00	<i>ZONES 241/242</i> External General Visual Inspection	4C		ALL
53-Z241-214-001-A00	Internal General Visual Inspection	3C	231BLW 231CLW 241ALW/ BLW/CLW/ DLW/ELW 242ARW/ BRW/CRW/ DRW/ERW 251ALW 251ELW 252ARW 252ERW	ALL
53-Z243-213-003-A00	<i>ZONES 243/244</i> External General Visual Inspection	4C		ALL

CENTER FUSELAGE II (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z243-214-001-A00	<i>ZONES 243/244 (Continued)</i> Internal General Visual Inspection	4C	243ALC/ BLC/CLC/ DLC 253ALC	ALL

CENTER FUSELAGE III

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z151-214-001-A00	<i>ZONES 151/152/153/154/155/156</i> Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	241DF 251AF/BF/CF/ DF/EF/FF/GF/ HF/JF 252AF/BF/CF/ DF	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
53-Z155-214-002-A00	<i>ZONES 155/156</i> Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	155BZ/CZ/DZ/ EZ/FZ/ GZ/KZ/LZ/ MZ/QZ 156BZ/CZ/DZ/ EZ/FZ/GZ/KZ/ LZ/MZ/QZ 192AL 192BR	EMB-145EU EMB-145EP EMB-145ER EMB-135ER



MAINTENANCE REVIEW BOARD REPORT

CENTER FUSELAGE III (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z151-214-002-A00	<i>ZONES 151/152/153/154/155/156/157</i> Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	241DF 251AF 251BF 251CF 251DF 251EF 251FF 251GF 251HF 251JF 252AF 252BF 252CF 252DF	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
53-Z155-214-001-A00	<i>ZONES 155/156/157</i> Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	155BZ/CZ/DZ/ EZ/FZ/ GZ/KZ/LZ/ MZ/NZ/QZ 156BZ/CZ/DZ/ EZ/FZ/GZ/KZ/ LZ/MZ/NZ/QZ 192AL 192BR	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
53-Z251-213-001-A00	<i>ZONES 251/252</i> External General Visual Inspection	4C		ALL

CENTER FUSELAGE III (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z251-214-001-A00	<i>ZONES 251/252</i> Internal General Visual Inspection	3C	241CLW 251ALW BLW/CLW/ DLW/ELW/ FLW/GLW 252ARW/ BRW/CRW/ DRW/ERW/ FRW/GRW 261ALW/ CLW 262ARW/ CRW	ALL
53-Z253-213-001-A00	<i>ZONES 253/254</i> External General Visual Inspection	4C		ALL
53-Z253-214-001-A00	Internal General Visual Inspection	4C	253ALC/ BLC/CLC/ DLC/ELC 263ALC	ALL

CENTER FUSELAGE IV

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z161-214-001-A00	<i>ZONES 161/162</i> Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	251JF/HF 252DF 261AF/BF/ CF/DF 262AF/BF/ CF	ALL
53-Z261-213-001-A00	<i>ZONES 261/262</i> External General Visual Inspection	4C		ALL
53-Z261-214-001-A00	Internal General Visual Inspection	2C	261ALW/ BLW/CLW/ DLW 262ARW/ BRW/CRW/ DRW	ALL
53-Z263-213-002-A00	<i>ZONES 263/264</i> External General Visual Inspection	4C		ALL
53-Z263-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	4C	263ALC/ BLC	ALL

REAR FUSELAGE I

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z171-213-001-A00	<i>ZONES 171/172</i> External General Visual Inspection	C		ALL

REAR FUSELAGE I (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
<i>ZONES 171/172 (Continued)</i>				
53-Z171-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	C	271AF 271BF 271CF 271DF 271EF 271FF 272AF 272BF 272CF 272DR	ALL
<i>ZONES 271/272</i>				
53-Z271-213-001-A00	External General Visual Inspection	C		ALL
53-Z271-214-002-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	271ALW/ BLW 272ARW/ BRW/CRW/ DR	ALL
<i>ZONES 273/274</i>				
53-Z273-213-002-A00	External General Visual Inspection	4C		ALL
53-Z273-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	272DR 273ATC 273BTC 273CTC	ALL
<i>ZONES 275/276</i>				
53-Z275-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	272DR	ALL



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WING-TO-FUSELAGE ATTACHMENT FAIRING

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z191-213-001-A00	<i>ZONES 191/192/193/194/195</i> External General Visual Inspection	2C		EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145EU EMB-145EP EMB-145ER EMB-135LR EMB-135KE EMB-135KL EMB-135ER
53-Z191-214-001-A00	Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	191ZB 192LB 193ABB 194ER 195EL	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135LR EMB-135KE EMB-135KL
53-Z191-214-002-A00	Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	191ZB 192LB 193ABB 194ER 195EL	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
53-Z191-213-002-A00	<i>ZONES 191/192/193/194/195/196/197/198</i> External General Visual Inspection	2C		EMB-145XR

WING-TO-FUSELAGE ATTACHMENT FAIRING (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z191-214-003-A00	ZONES 191/192/193/194/195/197/198 Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	191ZB 192LB 193QL 193RR 193AAB 194ER 195EL 197AB 197CL 197DR 198CB	EMB-145XR

VENTRAL FUEL TANK

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
53-Z196-214-001-A00	ZONE 196 Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	196AL 196EL 196BR 196FR 196CZ 196DB 196GB	EMB-145XR



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REAR FUSELAGE II

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	<i>ZONES 311/312</i>			
53-Z311-213-001-A00	External General Visual Inspection	2C		ALL
53-Z311-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	312AR	ALL

TAIL CONE FAIRING

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	<i>ZONE 313</i>			
53-Z313-213-001-A00	External General Visual Inspection	C		ALL
53-Z313-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	C	313 313AL 313BL 313CL 313DR 313GR 312AR	ALL

VERTICAL STABILIZER AND RUDDERS

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	<i>ZONES 321/322/323</i>			
55-Z321-213-001-A00	External General Visual Inspection	2C		ALL

VERTICAL STABILIZER AND RUDDERS (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
55-Z321-214-001-A00	<i>ZONES 321/322/323/337</i> Internal General Visual Inspection	2C	321 322 323 337AZ 337BZ 337CZ	ALL
55-Z324-213-001-A00	<i>ZONES 324/325</i> External General Visual Inspection	2C		ALL
55-Z324-214-001-A00	Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	324AL 324BL 324CL 324DL 324EL 324FR 325AL 325BL 325CL 325DL 325EL 325FL 325FR 325GR 325HR 325JR 325KR 325LR	ALL
55-Z326-213-001-A00	<i>ZONES 326/327</i> External General Visual Inspection	2C		ALL

VERTICAL STABILIZER AND RUDDERS (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
55-Z326-214-001-A00	<i>ZONES 326/327 (Continued)</i> Internal General Visual Inspection	2C	326AL 326BL 326CL 326DL 326EL 326FL 326GL 326HL 327AL 327BL 327CL 327DL 327ER 327FR 327GR 327HR	ALL

HORIZONTAL STABILIZER AND ELEVATOR

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
55-Z333-213-001-A00	<i>ZONES 333/334/331/332</i> External General Visual Inspection	2C		ALL

HORIZONTAL STABILIZER AND ELEVATOR (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
55-Z333-214-001-A00	<i>ZONES 333/334/331/332 (Continued)</i> Internal General Visual Inspection	2C	333AB 333BB 333CB 333DL 334AB 334BB 334CB 334DR	ALL
55-Z335-213-001-A00	<i>ZONES 335/336</i> External General Visual Inspection	2C		ALL
55-Z335-214-001-A00	Internal General Visual Inspection	2C	335AB 335BB 335CB 335DB 335EB 335FB 335GB 335HB 336AB 336BB 336CB 336DB 336EB 336FB 336GB 336HB	ALL



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POWERPLANT

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
71-Z411-213-001-A00	<i>ZONES 411/412/413 AND 421/422/423</i> External General Visual Inspection	C		ALL
71-Z411-214-001-A00	<i>ZONES 411/412/413/415 AND 421/422/423/425</i> Internal General Visual Inspection <u>NOTE</u> : EWIS	C	411 412 413 421 422 423	ALL

ENGINE PYLONS

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
54-Z414-213-001-A00	<i>ZONES 414/424</i> External General Visual Inspection	C		ALL
54-Z414-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	C	414AB/BB/ CB/DB/EB/ FT/GT 424AB 424BB 424CB 424DB 424EB 424FT 424GT	ALL

THRUST REVERSER MODULE

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONES 416/426			
78-Z416-213-001-A00	External General Visual Inspection	C		ALL
78-Z416-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	C	416AB/BB/ CB/DB/ EB/FB/ GB/HT/IZ/JT/ KT/LT/ MT/NT/ PR/QL/ RR/SL/ TR/UL/VZ/XZ/ WZ/YZ/ZZ 426AB/BB/ CB/DB/ EB/FB/ GB/HT/JT/KT/ LT/MT/ NT/PR/IZ/QL/ RR/ SL/TR/UL/ VZ/XZ/WZ/YZ/ ZZ	ALL



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PLAIN EXHAUST NOZZLE

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONES 416/426			
78-Z416-213-001-A01	External General Visual Inspection <u>NOTE</u> : For aircraft without Thrust Reversers only	2C		ALL
78-Z416-214-001-A01	Internal General Visual Inspection <u>NOTE</u> : For aircraft without Thrust Reversers only	2C	416 426	ALL

WING LEADING EDGE

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONES 511/611/512/612/513/613			
57-Z511-213-001-A00	External General Visual Inspection	C		ALL
57-Z511-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	511 512 513 611 612 613 561 661 191EL 191FR	ALL

WING

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONES 531/631			
57-Z531-213-001-A00	External General Visual Inspection	2C		ALL

WING (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
<i>ZONES 531/631 (Continued)</i>				
57-Z531-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	531AB 531BB 531CB 531DB 631AB 631BB 631CB 631DB	ALL
<i>ZONES 532/632</i>				
57-Z532-213-001-A00	External General Visual Inspection	2C		ALL
57-Z532-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	532AB 532BB 632AB 632BB	ALL
<i>ZONES 541/641</i>				
57-Z541-213-001-A00	External General Visual Inspection	2C		ALL
57-Z541-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	541AB/BB/ CB/DB/ EB/FT/ 541GB 641AB/BB/ CB/DB/ EB/FT/ 641GB	ALL



MAINTENANCE REVIEW BOARD REPORT

WING (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
57-Z551-213-001-A00	ZONES 551/651/561/661 External General Visual Inspection	2C		EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145EU EMB-145EP EMB-145ER EMB-135LR EMB-135KE EMB-135KL EMB-135ER
57-Z551-214-001-A00	Internal General Visual Inspection <u>NOTE</u>: EWIS	2C	551AB 551BB/ 551CB 551DB/ 551EB 551FT/ 651AB 651BB/ 651CB 651DB 651EB 651FT 561 661	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145EU EMB-145EP EMB-145ER EMB-135LR EMB-135KE EMB-135KL EMB-135ER

WING / WINGLET

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONES 551/651/561/661			
57-Z551-213-002-A00	External General Visual Inspection	2C		EMB-145XR
57-Z551-214-002-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	551AB 551BB 551CB 551DB 551EB 551FT 551GB 651AB 651BB 651CB 651DB 651EB 651FT 651GB 561AL 561BB 561CL 551DL 661AR 661BB 661CR 651DR	EMB-145XR



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WING TRAILING EDGE

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	<i>ZONES 571/671/5711/6711/5712/6712/5713/6713</i>			
57-Z571-213-001-A00	External General Visual Inspection	2C		ALL
57-Z571-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	5711 6711 5712 5713 6712 6713 571AB/BB 671AB/BB	ALL
	<i>ZONES 572/672/5721/6721/5722/6722</i>			
57-Z572-213-001-A00	External General Visual Inspection	2C		ALL
57-Z572-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	5721 5722 6721 6722 572AB/BB 672AB/BB	ALL
	<i>ZONES 573/673/5731/6731/5732/6732</i>			
57-Z573-213-001-A00	External General Visual Inspection	2C		ALL
57-Z573-214-001-A00	Internal General Visual Inspection <u>NOTE</u> : EWIS	2C	5731 5732 6731 6732 573AT 673AT	ALL

NOSE LANDING GEAR AND DOORS / FORWARD FUSELAGE I (NLG BAY AREA)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
32-Z711-213-001-A00	ZONES 711/713/714/113/114/115/116 External General Visual Inspection <u>NOTE</u>: EWIS	C		ALL

MAIN LANDING GEAR AND DOORS / WING (MLG BAY AREA)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
32-Z721-213-001-A00	ZONES 721/731/722/732/532/632 External General Visual Inspection <u>NOTE</u>: EWIS	C		ALL

MAIN DOOR

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
52-Z811-213-001-A00	ZONE 811 External General Visual Inspection	2C		ALL
52-Z811-214-001-A00	Internal General Visual Inspection (APPLICABLE FOR STANDARD MODEL MAIN DOOR ONLY)	C	811AW/ BW/CW/ DW/EW/ FW/GW/ HW/JW/ KW/LW/ MW/NW/ PW/QW/ RW/SW/ TW/UW/ VW	ALL



MAINTENANCE REVIEW BOARD REPORT

MAIN DOOR (Continued)

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
52-Z811-214-002-A00	ZONE 811 Internal General Visual Inspection (APPLICABLE FOR SIDE HINGED MAIN DOOR ONLY)	C	811AAW/ABW/ ACW/ ADW/ AEW/XW/ YW/ZW	ALL

ESCAPE HATCH

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
52-Z812-213-001-A00	ZONES 812/822 External General Visual Inspection	4C		ALL
52-Z812-214-001-A00	Internal General Visual Inspection	4C	812AW 822AW	ALL

BAGAGGE DOOR

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
52-Z813-213-001-A00	ZONE 813 External General Visual Inspection	2C		ALL
52-Z813-214-001-A00	Internal General Visual Inspection	C	813AW	ALL

SERVICE DOOR

REFERENCE NUMBER	DESCRIPTION	INT	ACCESS (as applicable)	EFFECTIVITY
	ZONE 821			
52-Z821-213-001-A00	External General Visual Inspection	2C		ALL
52-Z821-214-001-A00	Internal General Visual Inspection	C	821AW/ BW/CW	ALL

SECTION 7 NATIONAL REQUIREMENTS

7.1 GENERAL

A. Special Rules Pertaining to United States of America FAA Certification

These following tasks are specific for FAA Inspection Requirements.

REFERENCE NUMBER	TYPE	DESCRIPTION	INT	EFFECTIVITY
34-52-00-720-001-A00	FNC	Functionally Check Transponder System <u>NOTE</u> : Applicable to aircraft under FAA Certification.	24 MO	ALL
a	b	c	d	e

- a - REFERENCE NUMBER - Numbering as defined in 1.8.
- b - TYPE - Task type as defined in 3.2.
- c - DESCRIPTION - Description of the task to be performed.
- d - INTERVAL - Task interval.
- e - EFFECTIVITY - Task effectivity as defined in 1.9

B. Special Rules Pertaining to EASA Certification

- The individual check intervals listed in this Report may be escalated following the completion of the required series or sequence of checks and the satisfactory review of check results and approval by the responsible NAA, or in accordance with the operator's NAA approved reliability programme.
- Individual task intervals may be escalated based on satisfactory substantiation by the operator, and review and approval by his responsible NAA, or in accordance with the operator's NAA-approved reliability programme.
- (If there is a sampling programme for the engines, and/or other aircraft components, the following rule applies:) The (insert the name(s) of the unit) sampling programme identified in this Report specifies the number of (insert the name(s) of the unit) to be sampled and the respective inspection thresholds. The MRB Report is the controlling document for this programme. Service Bulletins may be referenced by number in this Report for clarifying the procedural aspects of this programme, however, they shall not be used for escalation purposes.

- Task interval parameters expressed in the MRB Report may be converted to an individual operator's desired units, provided this conversion does not result in the operator exceeding the initial requirements of the MRB Report.
- The use of Non-Destructive Inspection (NDI) methods, such as "X-ray", "ultrasonic", "eddy current", "radio isotope", etc, which are approved by the TC Holder, can provide an alternative to the methods prescribed in this Report. The operator should notify their responsible NAA of the use of an acceptable alternate method.
- Within this Report the terms "check" and "inspection" are not intended to imply a level of skill required to accomplish a task.
- Life-limited parts must be retired in accordance with the limits established in the engine and aircraft Type Certificate Data Sheets or the Airworthiness Limitations Section of the engine or aircraft manufacturer's instructions for Continued Airworthiness.
- After the accumulation of industry service experience, the ISC or MRB Chairpersons may request changes to the requirements of this MRB Report.

B.1 List of Scheduled EASA System Maintenance Requirements Presentation

These following tasks are specific for EASA Inspection Requirements.

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
27-21-00-710-001-A00	OPC	7	Operationally Check Rudder Movable Primary Stop Mechanism	C	ALL
27-22-00-720-002-A00	FNC	9	Functionally Check Rudder Hydraulic Damping (*) <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
27-23-00-710-002-A00	OPC	9	Operationally Check Alerting Light of the Rudder Movable Primary Stop	5A	ALL
33-12-00-710-002-A00	OPC	9	Operationally Check Pushbutton Lighting	1000 FH	ALL
76-11-04-720-001-A00	FNC	9	Functionally Check Friction lock Assembly for Pre-Load Value	5A	ALL
a	b	c	d	e	f

- a - REFERENCE NUMBER - Numbering as defined in 1.8.
- b - TYPE - Task type as defined in 3.2.
- c - CATEGORY - Task category as defined in 3.1.
- d - DESCRIPTION - Description of the task to be performed.
- e - INTERVAL - Task interval.
- f - EFFECTIVITY - Task effectivity as defined in 1.9.

B.2 List of Scheduled EASA Structural Maintenance Requirements Presentation.

These following tasks are specific for EASA Inspection Requirements.

CHAPTER 57 - WINGS (Continued)

REFERENCE NUMBER	TYPE	DESCRIPTION	INT	ZONE	EFFECTIVITY
57-61-00-220-805-A00	DET	Internally inspect the AILERON components: • Aileron Actuator fittings (SSI 57-61-12)	5000 FC	573/673	ALL
a	b	c	d	e	f

a - REFERENCE NUMBER - Numbering as defined in 1.8.

b - YPE - Task type as defined in 4.2.

c - DESCRIPTION - Description of the task to be performed.

d - INTERVAL - Task interval.

e - ZONE - Aircraft zone where the task is performed.

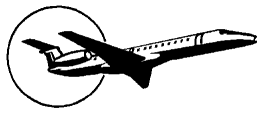
f - EFFECTIVITY - Task effectivity as defined in 1.9.

C. Special Rules Pertaining to CAAC Certification

C.1 List of Scheduled CAAC System Maintenance Requirements Presentation.

These following tasks are specific for CAAC Inspection Requirements.

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
25-63-00-710-001-A00	OPC	8	Operationally Check Portable Emergency Locator Transmitter System (if installed) <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	12 MO	ALL
25-63-02-960-001-A00	DIS	8	Discard Portable ELT Battery ELTA P/N 05N62123 <u>NOTE:</u> Portable ELT Battery change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements.	60 MO	ALL
a	b	c	d	e	f



-
- a - REFERENCE NUMBER - Numbering as defined in 1.8.
 - b - TYPE - Task type as defined in 3.2.
 - c - CATEGORY - Task category as defined in 3.1.
 - d - DESCRIPTION - Description of the task to be performed.
 - e - INTERVAL - Task interval.
 - f - EFFECTIVITY - Task effectivity as defined in 1.9.

APPENDIX 1

CERTIFICATION MAINTENANCE REQUIREMENTS

A1.1 GENERAL

This appendix contains the Certification Maintenance Requirements (CMR's) resulting from the procedures of AC 25-19 and established by the Certification Maintenance Coordination Committee (CMCC). These CMR's are inspections established through the safety analysis process developed in accordance with RBHA/FAR/JAR 25.1309, aimed at detecting safety significant latent failures which would, in combination with one or other more specific failures or events, result in a hazardous failure condition.

The CMR's are referenced in the Type Certificate Data Sheet and all CMR's candidates are listed in Certification Report 145-MS-015 and 135-MS-015 including certain flightcrew checks that cannot be deleted from the AFM, unless an equivalent task is established for maintenance personnel.

The CMR's and related intervals listed herein are mandatory and cannot be changed, escalated, or deleted without the concurrence of manufacturer and approval of the Regulatory Authority. Any post-certification changes to CMR's should be reviewed by the CMCC and must be approved by the Regulatory Authority that approved the type design.

CMR Categorization: the CMR can be categorized as One Star or Two Star:

- a. One Star CMR (*) - The task and intervals specified are mandatory and cannot be changed, escalated, or deleted without the concurrence of the Regulatory Authority.
- b. Two Star CMR (**) - Task intervals may be adjusted in accordance with an operator's approved escalation practices or an approved reliability program, but the task may not be changed or deleted without prior Regulatory Authority approval.

The Certification Maintenance Requirements (CMR's) are a result of the Engineering Certification analysis and have been approved by Certification Engineering.

A1.2 LIST OF CMR'S APPLICABLE TO AIRCRAFT UNDER ANAC/FAA CERTIFICATIONS

CHAPTER 27 - FLIGHT CONTROLS

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
27-12-00-720-003-A00	FNC	(*)	Functionally Check External Leakage of Aileron Hydraulic Actuator Pre-Mod SB 145-27-0063	1500 FH	EMB-135 (ALL)
27-12-00-720-003-A01	FNC	(*)	Functionally Check External Leakage of Aileron Hydraulic Actuator Post-Mod SB 145-27-0063	2500 FH	EMB-135 (ALL)
27-12-01-212-002-A00	GVI	(*)	Inspect (Visually Inspect) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition Pre-Mod SB 145-27-0063	500 FH	EMB-135 (ALL)
27-12-01-212-002-A01	GVI	(*)	Inspect (Visually Inspect) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition Post-Mod SB 145-27-0063	1000 FH	EMB-135 (ALL)
27-12-01-720-001-A00	FNC	(*)	Functionally Check Aileron Actuator Damping Components and Monitoring Devices Post-Mod SB 145-27-0062 and Pre-Mod SB 145-27-0063	500 FH	EMB-135 (ALL)
27-12-01-720-001-A01	FNC	(*)	Functionally Check Aileron Actuator Damping Components and Monitoring Devices Post-Mod SB 145-27-0062 and Post-Mod SB 145-27-0063	2500 FH	EMB-135 (ALL)
27-12-03-212-001-A00	VCK	(*)	Inspect (Visual Inspection) Aileron Damper Rod Ends/Fitting Lugs for Integrity and General Condition Post-Mod. SB 145-27-0063	1000 FH	EMB-135 (ALL)
27-12-03-720-001-A00	FNC	(*)	Functionally Check Aileron Damper Damping Force Post-Mod SB 145-27-0063	2500 FH	EMB-135 (ALL)
27-12-03-720-002-A00	FNC	(*)	Functionally Check External Leakage of Aileron Damper Post-Mod SB 145-27-0063	2500 FH	EMB-135 (ALL)
27-25-00-710-001-A00	OPC	(*)	Operationally Check Rudder Pedals Auto Shutoff and Rudder Manual Shutoff Functions	2500 FH	ALL
27-31-05-220-001-A00	DVI	(*)	Inspect (Detailed Inspection) Servo Tab Failsafe Actuation Link	5000 FH	ALL
27-62-00-720-001-A00	FNC	(*)	Functionally Check G. Spoiler/Speed Brake Valves, Control Circuit and Associated Messages	10000 FH	ALL



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CHAPTER 30 - ICE AND RAIN PROTECTION

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
30-11-00-720-001-A00	FNC	(*)	Functionally Check Pressure Sensors of the Wing Thermal Anti-Icing System (Bench Test)	5000 FH	ALL
30-12-00-720-001-A00	FNC	(*)	Functionally Check Pressure Sensors of the Horizontal Stabilizer Thermal Anti-Icing System (Bench Test)	5000 FH	ALL
30-21-00-720-001-A00	FNC	(*)	Functionally Check Pressure Sensors of the Engine Thermal Anti-Icing System (Bench Test)	5000 FH	ALL

CHAPTER 32 - LANDING GEAR

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
32-63-00-710-001-A00	OPC	(*)	Operationally Check Air/Ground System	500 FH	ALL

CHAPTER 78 - EXHAUST

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
78-33-00-710-001-A00	OPC	(*)	Operationally Check Air/Ground Input Signal to Thrust Reverser System	1000 FH	ALL
78-33-00-710-002-A00	OPC	(*)	Operationally Check Wheel Speed Input Signal to Thrust Reverser System	1000 FH	ALL
78-33-01-710-001-A00	OPC	(*)	Operationally Check Isolation Control Unit	1000 FH	ALL
78-34-00-710-001-A00	OPC	(*)	Operationally Check Thrust Reverser Indicating System	10000 FH	ALL

A1.3 LIST OF CMR'S APPLICABLE TO AIRCRAFT UNDER EASA CERTIFICATION

CHAPTER 27 - FLIGHT CONTROLS

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
27-12-00-720-003-A02	FNC	(*)	Functionally Check External Leakage of Aileron Hydraulic Actuator	1000 FH	EMB-135 (ALL)
27-12-01-212-002-A02	GVI	(*)	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition	1000 FH	EMB-135 (ALL)
27-12-01-720-001-A02	FNC	(*)	Functionally Check Aileron Actuator Damping Components and Monitoring Devices Post-Mod SB 145-27-0062	1000 FH	EMB-135 (ALL)
27-12-01-720-002-A00	FNC	(*)	Functionally Check Aileron Actuator Force Fight Post-Mod SB 145-27-0062	1000 FH	EMB-135 (ALL)
27-25-00-710-001-A00	OPC	(*)	Operationally Check Rudder Pedals Auto Shutoff and Rudder Manual Shutoff Functions	2500 FH	ALL
27-31-05-220-001-A00	DVI	(*)	Inspect (Detailed Inspection) Servo Tab Failsafe Actuation Link	5000 FH	ALL
27-62-00-720-001-A00	FNC	(*)	Functionally Check G. Spoiler/Speed Brake Valves, Control Circuit and Associated Messages	10000 FH	ALL

CHAPTER 30 - ICE AND RAIN PROTECTION

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
30-11-00-720-001-A00	FNC	(*)	Functionally Check Pressure Sensors of the Wing Thermal Anti-Icing System (Bench Test)	5000 FH	ALL
30-12-00-720-001-A00	FNC	(*)	Functionally Check Pressure Sensors of the Horizontal Stabilizer Thermal Anti-Icing System (Bench Test)	5000 FH	ALL
30-21-00-720-001-A00	FNC	(*)	Functionally Check Pressure Sensors of the Engine Thermal Anti-Icing System (Bench Test)	5000 FH	ALL



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CHAPTER 32 - LANDING GEAR

<i>REFERENCE NUMBER</i>	<i>TYPE</i>	<i>CAT</i>	<i>DESCRIPTION</i>	<i>INT</i>	<i>EFFECTIVITY</i>
32-63-00-710-001-A00	OPC	(*)	Operationally Check Air/Ground System	500 FH	ALL

CHAPTER 78 - EXHAUST

<i>REFERENCE NUMBER</i>	<i>TYPE</i>	<i>CAT</i>	<i>DESCRIPTION</i>	<i>INT</i>	<i>EFFECTIVITY</i>
78-33-00-710-001-A00	OPC	(*)	Operationally Check Air/Ground Input Signal to Thrust Reverser System	1000 FH	ALL
78-33-00-710-002-A00	OPC	(*)	Operationally Check Wheel Speed Input Signal to Thrust Reverser System	1000 FH	ALL
78-33-01-710-001-A00	OPC	(*)	Operationally Check Isolation Control Unit	1000 FH	ALL
78-34-00-710-001-A00	OPC	(*)	Operationally Check Thrust Reverser Indicating System	10000 FH	ALL

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APPENDIX 2

AIRWORTHINESS LIMITATION REQUIREMENTS

A2.1 GENERAL

These Airworthiness Limitations are mandatory actions derived from the certification activities, namely, the Damage Tolerance Analysis and the Fatigue Tests.

This appendix presents the maintenance actions established in order to fully comply with the requirements of RBHA/FAR/JAR 25.571 and, therefore, are required to be accomplished in strict compliance with the life limits, maximum intervals limits, inspection methods and SSI location established herein.

The Airworthiness Limitations may only be revised with the approval of the regulatory authorities.

The Airworthiness Limitations are a result of the Engineering Certification analysis and have been approved by Certification Engineering.

A2.2 LIFE LIMITED COMPONENTS

These Airworthiness Limitations are mandatory actions derived from certification Fatigue Tests.

The Airworthiness Limitations for all model Rolls-Royce AE3007A engines are listed in Chapter 5 of Rolls-Royce Maintenance Manual (CSP 34022).

CHAPTER 27 - FLIGHT CONTROLS

<i>DESCRIPTION</i>	<i>PART NUMBER</i>	<i>SUPPLIER</i>	<i>LIFE LIMIT (*)</i>	<i>EFFECTIVITY (**)</i>
Flap Drive Motor Unit	363250-1003 (*)	Bertea Control	1500FH	EMB-145 (ALL)

(*) **NOTE:** This life limit is applicable “only” for the motors with serial numbers 00101, 00102, 00103, 00104, 00105, 00106, 00107, 00108, 00109, 00110.

CHAPTER 32 - LANDING GEAR

DESCRIPTION	NOTE	PART NUMBER	LIFE LIMITS (FC)						
			EMB-145				EMB-135		
			EU/EP/ER	MK/MP/MR	LR/LU	XR	ER/LR	KE/KL	
MLG LEG STRUT ELEB									
Leg Strut left (LH)	N/P	2309-1302-501	—	—	—	60000 (**)	—	—	—
		2309-2006-001	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2006-501	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2006-503	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2006-505	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2006-601	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2015-001	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2015-601	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3006-501	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3006-503	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3006-505	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3006-507	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3006-601	—	—	60000 (**)	—	—	60000 (**)	—
		2309-4006-501	—	—	—	60000 (**)	—	—	—
		2309-4006-503	—	—	—	60000 (**)	—	—	—

DESCRIPTION	NOTE	PART NUMBER	LIFE LIMITS (FC)						
			EMB-145				EMB-135		
			EU/EP/ER	MK/MP/MR	LR/LU	XR	ER/LR	KE/KL	
Leg Strut right (RH)	N/P	2309-1302-502	—	—	—	60000 (**)	—	—	—
		2309-2006-002	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2006-502	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2006-504	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2006-506	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2006-602	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2015-002	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2015-602	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3006-502	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3006-504	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3006-506	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3006-508	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3006-602	—	—	60000 (**)	—	—	60000 (**)	—
		2309-4006-502	—	—	—	60000 (**)	—	—	—
		2309-4006-504	—	—	—	60000 (**)	—	—	—
Trunnion axle	P	2309-2025-001	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3025-001	—	—	60000 (**)	60000 (**)	—	60000 (**)	—
Shock absorber attachment axle	P	2309-2029-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
	P	2309-1329-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—

DESCRIPTION	NOTE	PART NUMBER	LIFE LIMITS (FC)						
			EMB-145				EMB-135		
			EU/EP/ER	MK/MP/MR	LR/LU	XR	ER/LR	KE/KL	
Main side strut attachment axle (Pivot Pin)	P	2309-2032-001	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2032-003	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2032-005	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3032-001	—	—	60000 (**)	60000 (**)	—	60000 (**)	—
		2309-3032-003	—	—	60000 (**)	60000 (**)	—	60000 (**)	—
		2309-3032-005	—	—	60000 (**)	60000 (**)	—	60000 (**)	—
Trailing arm axle (left)	P	2309-2055-001	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2055-003	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3055-001	—	—	60000 (**)	60000 (**)	—	60000 (**)	—
Trailing arm axle (right)	P	2309-2055-002	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2055-004	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3055-002	—	—	60000 (**)	60000 (**)	—	60000 (**)	—
Trailing arm	N/P	2309-2009-001	40000 (**)	40000 (**)	—	—	40000 (**)	40000 (**)	—
		2309-2009-003	40000 (**)	40000 (**)	—	—	40000 (**)	40000 (**)	—
		2309-2009-503	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2009-505	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2009-507	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2009-601	40000 (**)	40000 (**)	—	—	40000 (**)	40000 (**)	—
		2309-2009-603	40000 (**)	40000 (**)	—	—	40000 (**)	40000 (**)	—
		2309-2009-605	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2009-607	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2009-609	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—



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DESCRIPTION	NOTE	PART NUMBER	LIFE LIMITS (FC)						
			EMB-145				EMB-135		
			EU/EP/ER	MK/MP/MR	LR/LU	XR	ER/LR	KE/KL	
Trailing arm (Continued)	N/P	2309-2009-611	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2009-613	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2009-615	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2009-617	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2038-001	40000 (**)	40000 (**)	40000 (**)	—	40000 (**)	40000 (**)	—
		2309-2038-003	40000 (**)	40000 (**)	40000 (**)	—	40000 (**)	40000 (**)	—
		2309-2038-005	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2038-007	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2038-601	40000 (**)	40000 (**)	—	—	40000 (**)	40000 (**)	—
		2309-2038-603	40000 (**)	40000 (**)	—	—	40000 (**)	40000 (**)	—
		2309-2038-605	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2038-607	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2038-609	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2038-611	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-2038-613	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3009-501	—	—	40000 (**)	—	—	40000 (**)	—
		2309-3009-503	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3009-505	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3009-507	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3009-601	—	—	40000 (**)	—	—	40000 (**)	—
		2309-3009-603	—	—	60000 (**)	—	—	60000 (**)	—
		2309-3009-605	—	—	60000 (**)	—	—	60000 (**)	—

DESCRIPTION	NOTE	PART NUMBER	LIFE LIMITS (FC)						
			EMB-145				EMB-135		
			EU/EP/ER	MK/MP/MR	LR/LU	XR	ER/LR	KE/KL	
Trailing arm (Continued)	N/P	2309-4009-501	—	—	—	20000 (**)	—	—	—
		2309-4009-503	—	—	—	60000 (**)	—	—	—
		2309-4009-505	—	—	—	60000 (**)	—	—	—
		2309-4009-601	—	—	—	60000 (**)	—	—	—
		2309-4009-603	—	—	—	20000 (**)	—	—	—
Wheel Axle	P	2309-2040-001	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3040-001	—	—	60000 (**)	60000 (**)	—	60000 (**)	—
Pivot	P	2309-2050-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		2309-2050-003	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		2309-2050-601	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Cardan Joint	N/P	2309-2048-001	15760(**)	15760(**)	15760(**)	15760(**)	15760(**)	15760(**)	—
		2309-2048-003	35365(**)	35365(**)	35365(**)	35365(**)	35365(**)	35365(**)	—
		2309-2048-005	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
MLG SHOCK ABSORBER ELEB									
Piston tube	N/P	2309-2058-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Cylinder	N/P	2309-2056-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		2309-2056-003	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		2309-2056-005	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Bearing cap	P	2309-2066-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		2309-2082-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—



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DESCRIPTION	NOTE	PART NUMBER	LIFE LIMITS (FC)						
			EMB-145				EMB-135		
			EU/EP/ER	MK/MP/MR	LR/LU	XR	ER/LR	KE/KL	
MLG SECONDARY SIDE STRUT ELEB									
Upper secondary side strut	–	2309-2609-001	60000 (**)	60000 (**)	60000 (**)	–	60000 (**)	60000 (**)	–
	N/P	2309-2611-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
		2309-2611-003	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
Lower secondary side strut	–	2309-2603-001	60000 (**)	60000 (**)	60000 (**)	–	60000 (**)	60000 (**)	–
	N/P	2309-2624-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
Cardan	N/P	2309-2618-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
Shaft	P	2309-2621-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
Bolt	P	2309-2626-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
Pivot pin	P	2309-2613-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
Spring	P	2309-2651-001	20000 (**)	20000 (**)	20000 (**)	20000 (**)	20000 (**)	20000 (**)	–
		2309-2651-003	20000 (**)	20000 (**)	20000 (**)	20000 (**)	20000 (**)	20000 (**)	–
		2309-2651-005	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
MLG MAIN SIDE STRUT ELEB									
Upper main side strut	–	2309-2503-001	60000 (**)	60000 (**)	60000 (**)	–	60000 (**)	60000 (**)	–
		2309-2504-001	60000 (**)	60000 (**)	60000 (**)	–	60000 (**)	60000 (**)	–
	N/P	2309-2524-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
Lower main side strut	–	2309-2511-001	60000 (**)	60000 (**)	60000 (**)	–	60000 (**)	60000 (**)	–
	N/P	2309-2532-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
		2309-2532-003	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–
		2309-2532-005	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	–

DESCRIPTION	NOTE	PART NUMBER	LIFE LIMITS (FC)						
			EMB-145				EMB-135		
			EU/EP/ER	MK/MP/MR	LR/LU	XR	ER/LR	KE/KL	
Shaft	P	2309-2515-001	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3515-001	—	—	60000 (**)	60000 (**)	—	60000 (**)	—
Pivot pin	P	2309-2516-001	60000 (**)	60000 (**)	—	—	60000 (**)	60000 (**)	—
		2309-3516-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)
NLG LEG STRUT Liebherr									
Sliding Tube	N/P	1170-1401	60000 (**)	60000 (**)	60000 (**)	—	60000 (**)	60000 (**)	—
	P	2233-0201	—	—	—	60000 (**)	—	—	—
Wheel axle	P	1170-1402	60000 (**)	60000 (**)	60000 (**)	—	60000 (**)	60000 (**)	—
		1170-1403	60000 (**)	60000 (**)	60000 (**)	—	60000 (**)	60000 (**)	—
		1170-1431	60000 (**)	60000 (**)	60000 (**)	—	60000 (**)	60000 (**)	—
		1170-1432	60000 (**)	60000 (**)	60000 (**)	—	60000 (**)	60000 (**)	—
		1170-1433	60000 (**)	60000 (**)	60000 (**)	—	60000 (**)	60000 (**)	—
		1170-1434	60000 (**)	60000 (**)	60000 (**)	—	60000 (**)	60000 (**)	—
		2233-0202	—	—	—	60000 (**)	—	—	—
		2233-0230	—	—	—	60000 (**)	—	—	—
		2233-0231	—	—	—	60000 (**)	—	—	—
Steering Cuff	N/P	1170A2300-01	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		1170A2500-01	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		1170A3200-01	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Torque Link	N/P	1170-0301	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Torque Link pin	P	1170-0001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—

DESCRIPTION	NOTE	PART NUMBER	LIFE LIMITS (FC)						
			EMB-145				EMB-135		
			EU/EP/ER	MK/MP/MR	LR/LU	XR	ER/LR	KE/KL	
Torque Link central bolt	P	1170-0002	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Main fitting	N/P	1170-1301	20000 (**)	20000 (**)	20000 (**)	—	20000 (**)	20000 (**)	—
		1170-1302	60000 (**)	60000 (**)	60000 (**)	—	60000 (**)	60000 (**)	
		1170-1303	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		1170-1304	60000 (**)	60000 (**)	60000 (**)	—	60000 (**)	60000 (**)	—
		1170-1305	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		2233-0101	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
		2233-0103	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Main drag strut attachment pin	P	1170-0070	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Pintle pin	P	1170-0032	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
NLG MAIN DRAG STRUT Liebherr									
Main drag strut top stay	N/P	1172-0501	6000 (**)	6000 (**)	6000 (**)	—	6000 (**)	6000 (**)	—
		1172-0601	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Main drag strut bottom stay	N/P	1172-0201	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Pintle pin	N/P	1172-0007	6000 (**)	6000 (**)	6000 (**)	—	6000 (**)	6000 (**)	—
	P	1172-0037	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Hinge point bolt	P	1172-0001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
NLG AUXILIARY DRAG STRUT Liebherr									
Upper aux. Drag strut	N/P	1173-0201	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Lower aux. Drag strut	N/P	1173-0101	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Hinge point bolt	P	1173-0001	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—

DESCRIPTION	NOTE	PART NUMBER	LIFE LIMITS (FC)						
			EMB-145				EMB-135		
			EU/EP/ER	MK/MP/MR	LR/LU	XR	ER/LR	KE/KL	
NLG AUXILIARY DRAG STRUT Liebherr (Continued)									
Cardan joint	P	KSL113608V	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
	P	2000A0830K01	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	60000 (**)	—
Downlock Spring	—	1173A0300-01	20000 (**)	20000 (**)	20000 (**)	—	20000 (**)	20000 (**)	—
	N/P	1173A0600-01	30901(**)	30901(**)	30901(**)	—	30901(**)	30901(**)	—
	P	1173A0700-01	60000(**)	60000(**)	60000(**)	60000(**)	60000(**)	60000(**)	—
Auxiliary Drag Strut Assy	N/P	(***)	6000 (***)	6000 (***)	6000 (***)	6000 (***)	6000 (***)	6000 (***)	—

NOTE: The column “NOTE” indicates if the P/N is Procurable (P) or Non-procurable (N/P);

NOTE: (*) The definitive life limits will be based on fatigue tests being concluded. The current status of these fatigue tests assure a minimum of the above flight cycles of safe operation.

NOTE: (**) Permanent life limit.

NOTE: (***) The life limit is applicable "only" for Part Numbers 1173B0000-02, Auxiliary Drag Strut Assy, which are engraved with serial numbers SP010-96, SP011-96, SP012-96 and SP013-96.



MAINTENANCE REVIEW BOARD REPORT

CHAPTER 35 - OXYGEN

<i>DESCRIPTION</i>	<i>PART NUMBER</i>	<i>SUPPLIER</i>	<i>LIFE LIMIT</i>	<i>EFFECTIVITY</i>
Oxygen Cylinder	176700-50	B/E AEROSPACE	180 MO	ALL

CHAPTER 36 - PNEUMATIC

<i>DESCRIPTION</i>	<i>PART NUMBER</i>	<i>SUPPLIER</i>	<i>LIFE LIMIT</i>	<i>EFFECTIVITY</i>
Low Pressure Bleed-Air Check Valve	816603-1	Hamilton	1600 FH	ALL
	816603-2	Standard	1600 FH	ALL

CHAPTER 49 - APU

<i>DESCRIPTION</i>	<i>PART NUMBER</i>	<i>SUPPLIER</i>	<i>LIFE LIMIT</i>	<i>EFFECTIVITY</i>
Non-Silenced APU C-14 (APS 500R) Exhaust Duct	145-63730-401	Embraer	2500 FH	ALL
	145-63730-601		2500 FH	ALL

CHAPTER 72 - ENGINE

The Airworthiness Limitations for all model Rolls-Royce AE3007A engines are listed in Chapter 5 of Rolls-Royce Maintenance Manual (CSP 34022).

CHAPTER 78 - THRUST REVERSER

<i>DESCRIPTION</i>	<i>PART NUMBER</i>	<i>SUPPLIER</i>	<i>LIFE LIMIT(*)</i>	<i>EFFECTIVITY</i>
Primary Door Lock Actuator	TY2038-01A	LUCAS	60,250 TRC	ALL
Primary Door Lock Actuator	TY2038-02A	LUCAS	60,250 TRC	ALL
Pivot Door Actuator	TY2039-03A	LUCAS	1,800 TRC	ALL

CHAPTER 78 - THRUST REVERSER (CONTINUED)

DESCRIPTION	PART NUMBER	SUPPLIER	LIFE LIMIT(*)	EFFECTIVITY
Pivot Door Actuator	TY2039-03B	LUCAS	1,800 TRC	ALL
Pivot Door Actuator	TY2039-03C	LUCAS	1,800 TRC	ALL
Pivot Door Actuator	TY2039-05B	LUCAS	15,000 TRC	ALL
Pivot Door Actuator	TY2039-05B-629	LUCAS	15,000 TRC	ALL
Pivot Door Actuator	TY2039-05B-629-7	LUCAS	60,250 TRC	ALL
Pivot Door Actuator	TY2039-05B-7	LUCAS	60,250 TRC	ALL
Pivot Door Actuator	TY2039-10A	LUCAS	15000 TRC	ALL
Pivot Door Actuator	TY2039-11A	LUCAS	60,250 TRC	ALL
Pivot Door Actuator	TY2039-14A	LUCAS	60,250 TRC	ALL
Directional Control Unit	TY2040-01A	LUCAS	60,250TRC	ALL
Lock Sequencer	TY2047-02A	LUCAS	60,250 TRC	ALL
Lock Sequencer	TY2047-03A	LUCAS	60,250 TRC	ALL
Lock Sequencer	TY2047-03B	LUCAS	60,250 TRC	ALL
Tertiary Lock	TY2037-02A	LUCAS	1,500 TRC	ALL
Tertiary Lock	TY2138-01A	LUCAS	13,100 TRC	ALL
Tertiary Lock	TY2138-01B	LUCAS	13,100 TRC	ALL
Tertiary Lock	TY2560-01A	LUCAS	61,500 TRC	ALL
Isolation Control Unit	TY2041-03A	LUCAS	60,250 TRC	ALL
Isolation Control Unit	TY2041-02B	LUCAS	1,932 TRC	ALL
Isolation Control Unit	TY2041-02A	LUCAS	1,932 TRC	ALL
Isolation Control Unit	TY2041-01A	LUCAS	1,932 TRC	ALL

*** NOTE:** Every time the Thrust Reverser is operated must be considered one Thrust Reverser Cycle (TRC), either in Normal operation or Power Back operation in the authorized aircraft.

A2.3 STRUCTURAL MAXIMUM INSPECTION INTERVAL LIMITS

A2.3.1 FATIGUE THRESHOLD LIMIT

The Fatigue Threshold Limits have been established in the basis of the Full Scale Fatigue Test results factored by an appropriate scatter factor approved by the Regulatory Authorities and establish the initial inspection, in flight cycles, for those SSI's where inspection is governed by fatigue concerns.

The thresholds are subject to further change as additional fatigue testing results are obtained.

A2.3.2 IMPLEMENTATION OF REVISED AIRWORTHINESS LIMITATIONS

Following Regulatory Authority approval of a new or revised Damage Tolerance Analysis and/or Fatigue Test Result report, the following criteria will be used to implement a change when an Airworthiness Limitation:

- Is added;
- Has its interval changed;
- Has its zone changed;
- Has its type of inspection changed;

Reduced Interval Airworthiness Limitation (No Threshold or Exceeded Threshold) For an ALI with a reduced interval, the new interval shall be effective following the completion of the next inspection at the former interval.

New Airworthiness Limitation (No Threshold or Exceeded Threshold) For a new ALI, the first inspection shall be performed at the next C check, and the following inspections at the actual interval.

New Airworthiness Limitation (Threshold Not Exceeded) For a new ALI, the interval of inspections shall be effective starting at the established threshold.

A2.3.2.1 AIRCRAFT POST-MOD. S.B. 145-00-0032 – GENERAL – Modifications to Aircraft to Meet Increased MTOW and MZFW Requirements

In order to allow an operation with an increased Maximum Takeoff Weight (MTOW) the Service Bulletins 145-00-0032 – General – Modifications to Aircraft to Meet Increased MTOW and MZFW Requirements, was issued to address the necessary modifications on EMB-145LR.

Based on these modifications, the Damage Tolerance Analysis was reassessed and some Fatigue Threshold Limits and Inspection Interval Limits were reduced.

Due to these new Fatigue Threshold Limits and Inspection Interval Limits for aircraft Post-Mod. S.B. related above, the following implementation plan must be used to bridge these new intervals into operators' maintenance plan.

A2.3.2.1.1 FATIGUE THRESHOLD REDUCED

– SSI 53-20-07 – Fuselage skin panel at stringers, frames/bulkheads, and splices – Zones 253/254:

- MRBR Task Number: 53-23-00-220-818-A00.

<i>Flight Cycles Accumulated (FC_{acc})⁽¹⁾</i>	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>3rd Inspection</i>	<i>Next Inspections</i>
Until 10000 FC	BRIDGING NOT REQUIRED			
10,001 FC to 19,800 FC	20,000 FC ⁽³⁾	21,361 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
19,801 FC to 20,000 FC	Next 200 FC	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

(1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.

(2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.

(3) Flight cycles accumulated since new:

– SSI 57-26-95 – Aft Upper Trunnion – Zones 532/632:

- MRBR Task Number: 57-26-00-250-813-A01;
- P/N: 145-67014-001/ 002/ 003/ 004/ 005/ 006/ 007/ 008.

<i>Flight Cycles Accumulated (FC_{acc})⁽¹⁾</i>	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>3rd Inspection</i>	<i>Next Inspections</i>
Until 5000 FC	BRIDGING NOT REQUIRED			
5,001 FC to 12985 FC	15,393 FC ⁽³⁾	24,912 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
12,986 FC to 17,302 FC	17,802 FC ⁽³⁾	24,912 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
17,303 FC to 20,000 FC	Next 500 FC	24,912 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

(1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.

(2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.

(3) Flight cycles accumulated since new.

- MRBR Task Number: 57-26-00-250-813-A03;
- P/N: 145-67014-011/ 012.

Flight Cycles Accumulated (FC_{acc})⁽¹⁾	1st Inspection	2nd Inspection	3rd Inspection	Next Inspections
Until 3,000 FC	BRIDGING NOT REQUIRED			
3,001 FC to 6,564 FC	8,825 FC ⁽³⁾	12,743 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
6,565 FC to 10,886 FC	11,086 FC ⁽³⁾	15,000 FC ⁽³⁾	18,922 FC ⁽³⁾	Repeat Interval ⁽²⁾
10,887 FC to 20,000 FC	Next 200 FC	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.
- (3) Flight cycles accumulated since new.
- MRBR Task Number: 57-26-00-250-813-A05;
 - P/N 145-67014-009/ 010/ 013/ 014

Flight Cycles Accumulated (FC_{acc})⁽¹⁾	1st Inspection	2nd Inspection	3rd Inspection	Next Inspections
Until 8,000 FC	BRIDGING NOT REQUIRED			
8,001 FC to 16936 FC	18,468 FC ⁽³⁾	32,345 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
16,937 FC to 19,500 FC	20,000 FC ⁽³⁾	32,345 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
19,501 FC to 20,000 FC	Next 500 FC	32,345 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.
- (3) Flight cycles accumulated since new.

A2.3.2.1.2 INSPECTION INTERVAL LIMITS REDUCED

- SSI 53-20-51 – Skin and reinforcement around escape hatch cut out – Zones 251/252:
 - MRBR Task Number: 53-23-00-220-819-A01.

<i>Flight Cycles Accumulated (FC_{acc})⁽¹⁾</i>	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>3rd Inspection</i>	<i>Next Inspections</i>
Until 1,835 FC	BRIDGING NOT REQUIRED			
1,836 FC to 3670 FC	4,197 FC ⁽³⁾	7,340 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
3,671 FC to 4725 FC	4725 FC ^{(3) (4)}	7,340 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
4,726 FC to 7,340 FC	7,340 FC ^{(3) (4)}	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
7,341 FC to 9450 FC	9450 FC ^{(3) (4)}	11,010 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
9,451 FC to 11,010 FC	11,010 FC ^{(3) (4)}	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
11,011 FC to 14,175 FC	14,175 FC ^{(3) (4)}	16,515 FC ⁽³⁾	18,350 FC ⁽³⁾	Repeat Interval ⁽²⁾
14,176 FC to 16,515 FC	16,515 FC ^{(3) (4)}	18,350 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
16,516 FC to 18,350 FC	18,350 FC ^{(3) (4)}	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
18,351 FC to 18,900 FC	18,900 FC ^{(3) (4)}	22,020 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
18,901 FC to 22,020 FC	22,020 FC ^{(3) (4)}	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.
- (3) Flight cycles accumulated since new.
- (4) Or, if $(1^{\text{st}} \text{ Inspection} - \text{FC}_{\text{acc}}) < 200 \text{ FC}$, so the 1^{st} Inspection is $(\text{FC}_{\text{acc}} + 200 \text{ FC})$.
- SSI 55-10-21 – Fitting hinge support stabilizer – Zone 337:
 - MRBR Task Number: 55-10-00-250-803-A01

<i>Flight Cycles Accumulated (FC_{acc})⁽¹⁾</i>	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>3rd Inspection</i>	<i>Next Inspections</i>
Until 9,905 FC	BRIDGING NOT REQUIRED			
9,906 FC to 24,705 FC	25000 FC ⁽³⁾	39,622 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.

- (3) Flight cycles accumulated since new.
- (4) Or, if $(1^{\text{st}} \text{ Inspection} - FC_{\text{acc}}) < 500 \text{ FC}$, so the 1^{st} Inspection is $(FC_{\text{acc}} + 500 \text{ FC})$.
- SSI 55-10-24 – Pin internal and external hinge stabilizer – Zone 337:
 - MRBR Task Number: 55-10-00-240-802-A01

<i>Flight Cycles Accumulated (FC_{acc})</i> ⁽¹⁾	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>3rd Inspection</i>	<i>Next Inspections</i>
Until 5,861 FC	BRIDGING NOT REQUIRED			
5,862 FC to 11,723 FC	14,660 FC ⁽³⁾	23,446 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
11,724 FC to 17,598 FC	17,598 FC ⁽³⁾ (4)	23,446 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
17,599 FC to 23,446 FC	23,446 FC ⁽³⁾ (4)	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.
- (3) Flight cycles accumulated since new.
- (4) Or, if $(1^{\text{st}} \text{ Inspection} - FC_{\text{acc}}) < 500 \text{ FC}$, so the 1^{st} Inspection is $(FC_{\text{acc}} + 500 \text{ FC})$.
- SSI 55-30-76 – Fitting hinge support – Zone 337:
 - MRBR Task Number: 55-30-00-250-802-A01

<i>Flight Cycles Accumulated (FC_{acc})</i> ⁽¹⁾	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>3rd Inspection</i>	<i>Next Inspections</i>
Until 9,905 FC	BRIDGING NOT REQUIRED			
9,906 FC to 24,705 FC	24,705 FC ⁽³⁾ (4)	39,622 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.
- (3) Flight cycles accumulated since new.
- (4) Or, if $(1^{\text{st}} \text{ Inspection} - FC_{\text{acc}}) < 500 \text{ FC}$, so the 1^{st} Inspection is $(FC_{\text{acc}} + 500 \text{ FC})$.
- SSI 57-10-01 – Lower skin – spanwise splice at spar 2, access holes, stringers, integral milled panels & spanwise splice of integral panel – Zone 155/156/157:

- MRBR Task Number: 57-10-00-220-822-A01

Flight Cycles Accumulated (FC_{acc})⁽¹⁾	1st Inspection	2nd Inspection	3rd Inspection	Next Inspections
Until 1,912 FC	BRIDGING NOT REQUIRED			
1,913 FC to 3,825 FC	4,121 FC ⁽³⁾	7,650 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
3,826 FC to 4,417 FC	4,417 FC ⁽³⁾ (4)	7,650 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
4,418 FC to 7,650 FC	7,650 FC ⁽³⁾ (4)	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
7,651 FC to 8,834 FC	8,834 FC ⁽³⁾ (4)	11,475 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
8,835 FC to 11,475 FC	11,475 FC ⁽³⁾ (4)	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
11,476 FC to 13,251 FC	13,251 FC ⁽³⁾ (4)	15,300 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
13,252 FC to 15,300 FC	15,300 FC ⁽³⁾ (4)	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
15,301 FC to 17,668 FC	17,668 FC ⁽³⁾ (4)	19,125 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
17,669 FC to 19,125 FC	19,125 FC ⁽³⁾ (4)	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
19,126 FC to 22,085 FC	22,085 FC ⁽³⁾ (4)	22,950 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.
- (3) Flight cycles accumulated since new.
- (4) Or, if $(1^{st} \text{ Inspection} - FC_{acc}) < 200 \text{ FC}$, so the 1st Inspection is $(FC_{acc} + 200 \text{ FC})$.
- SSI 57-10-03 – Spar 1 - lower skin attachments – Zone 155/156/157:
 - MRBR Task Number: 57-10-00-220-807-A01 & 57-10-00-220-809-A01.
 - SSI 57-10-05 – Spar 1 - auxiliary cap attachments & auxiliary cap splice at wing attachments – Zone 155/156/157:
 - MRBR Task Number: 57-10-00-220-803-A01 & 57-10-00-220-810-A01

<i>Flight Cycles Accumulated (FC_{acc})⁽¹⁾</i>	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>3rd Inspection</i>	<i>Next Inspections</i>
Until 2,524 FC	BRIDGING NOT REQUIRED			
2,525 FC to 5049 FC	5,374 FC ⁽³⁾	10,098 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
5,050 FC to 5700 FC	5700 FC ^{(3) (4)}	10,098 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
5,701 FC to 10,098 FC	10,098 FC ^{(3) (4)}	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
10,099 FC to 11,400 FC	11,400 FC ^{(3) (4)}	15,147 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
11,401 FC to 15,147 FC	15,147 FC ^{(3) (4)}	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
15,148 FC to 17,100 FC	17,100 FC ^{(3) (4)}	20,196 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
17,101 FC to 20,196 FC	20,196 FC ^{(3) (4)}	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

(1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.

(2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.

(3) Flight cycles accumulated since new.

(4) Or, if $(1^{\text{st}} \text{ Inspection} - \text{FC}_{\text{acc}}) < 200 \text{ FC}$, so the 1^{st} Inspection is $(\text{FC}_{\text{acc}} + 200 \text{ FC})$.

- SSI 57-10-08 – Spar 2 - auxiliary cap attachments and auxiliary cap splice at wing attachments – Zone 155/156/157:
 - MRBR Task Number: 57-10-00-220-814-A01

<i>Flight Cycles Accumulated (FC_{acc})⁽¹⁾</i>	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>3rd Inspection</i>	<i>Next Inspections</i>
Until 4,379 FC	BRIDGING NOT REQUIRED			
4,380 FC to 8759 FC	9,171 FC ⁽³⁾	17,518 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
8,760 FC to 9583 FC	9583 FC ^{(3) (4)}	17,518 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
9,584 FC to 17,518 FC	17,518 FC ^{(3) (4)}	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
17,519 FC to 19,166 FC	19,166 FC ^{(3) (4)}	26,277 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
19167 FC to 26,277 FC	26,277 FC ^{(3) (4)}	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.
- (3) Flight cycles accumulated since new.
- (4) Or, if $(1^{\text{st}} \text{ Inspection} - FC_{\text{acc}}) < 200 \text{ FC}$, so the 1^{st} Inspection is $(FC_{\text{acc}} + 200 \text{ FC})$.
 - SSI 57-21-26 – Spar 2 - auxiliary cap attachments and auxiliary cap splice at wing attachments – Zone 551/651:
 - MRBR Task Number: 57-21-00-220-821-A00

Flight Cycles Accumulated (FC_{acc}) ⁽¹⁾	1st Inspection	2nd Inspection	3rd Inspection	Next Inspections
Until 5,780 FC	BRIDGING NOT REQUIRED			
5,781 FC to 11560 FC	15000 FC ⁽³⁾	23,120 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
11,561 FC to 18298 FC	18298 FC ⁽³⁾ (4)	23,120 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
18,299 FC to 23,120 FC	23,120 FC ⁽³⁾ (4)	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.
- (3) Flight cycles accumulated since new.
- (4) Or, if $(1^{\text{st}} \text{ Inspection} - FC_{\text{acc}}) < 500 \text{ FC}$, so the 1^{st} Inspection is $(FC_{\text{acc}} + 500 \text{ FC})$.
 - SSI 57-21-29 – Lower skin panel chordwise joint – Zone 531/631:
 - MRBR Task Number: 57-21-00-250-803-A01

Flight Cycles Accumulated (FC_{acc}) ⁽¹⁾	1st Inspection	2nd Inspection	3rd Inspection	Next Inspections
Until 5,596 FC	BRIDGING NOT REQUIRED			
5,597 FC to 11192 FC	14,293 FC ⁽³⁾	22,384 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
11,193 FC to 17395 FC	17395 FC ⁽³⁾ (4)	22,384 FC ⁽³⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾
17,396 FC to 22,384 FC	22,384 FC ⁽³⁾ (4)	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾	Repeat Interval ⁽²⁾

- (1) Flight cycles accumulated at the moment when the S.B. 145-00-0032 has been embodied.

- (2) According to interval quoted in MRBR145 / 1150 – Appendix 2, A.2.3.3 – INSPECTION INTERVAL LIMIT.
- (3) Flight cycles accumulated since new.
- (4) Or, if $(1^{\text{st}} \text{ Inspection} - FC_{\text{acc}}) < 500 \text{ FC}$, so the 1^{st} Inspection is $(FC_{\text{acc}} + 500 \text{ FC})$.

A2.3.2.2 AIRCRAFT PRE-MOD SB 145-53-0058 – FUSELAGE – Replacement of Cockpit Windshield Center Post Lower Eyelet Fitting.

The instructions herein mentioned, must be used for all operators to bridge a new Airworthiness Limitation Requirement addressed by task 53-12-00-250-801-A00, applicable to SSI 53-10-19 – Windshield center post, including its attachments and lower fitting, into their Maintenance Plan approved by Local Regulatory Authorities.

This task has a 20000 FC Fatigue Threshold and only aircraft that has accumulated Flight Cycles following the criteria below qualifies to use the provision herein.

CONDITION	1st INSPECTION	2nd INSPECTION	NEXT INSPECTIONS
For aircraft, Pre-mod SB 145-53-0058, accumulated between 18000 FC and 20000 FC or with Fatigue Threshold exceed perform task 53-12-00-250-801-A00.	21,336 FC ⁽¹⁾	22672 FC ⁽¹⁾	Repeat Interval ⁽²⁾

- (1) Flight Cycles Accumulated since new.
- (2) According to interval quoted in MRBR-145/1150 – Appendix 2, A2.3.3 – INSPECTION INTERVAL LIMIT

A2.3.2.3 EMB-145 – FATIGUE THRESHOLD LIMITS UPDATE

Due to the Damage Tolerance Analysis reassessment some Fatigue Threshold Limits were reduced. So, in order to allow the aircraft operation with this reduction the following implementation plan should be used to bridge these new intervals into operator's maintenance plan.

The instructions herein mentioned, should be used for all operators to bridge a new Airworthiness Limitation Requirement addressed to SSI 57-26-95 (P/Ns 145-67014-001/002/003/004/005/006/007/008 and P/Ns 145-67014-011/012), located in zones 532/632, into their Maintenance Plan approved by Local Regulatory Authorities.

A2.3.2.3.1 FATIGUE THRESHOLD REDUCED

- SSI 57-26-95 (P/Ns 145-67014-001/002/003/004/005/006/007/008) – Zones 532/632
 - MRBR Task Number: 57-26-00-250-804-A00
 - MRBR Task Number: 57-26-00-250-813-A00

- MRBR Task Number: 57-26-00-250-815-A00

<i>Flight Cycles Accumulated (FC_{acc})⁽¹⁾</i>	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>Next Inspections</i>
Up to 20000 FC	20000 FC	34,261 FC	Repeat Interval
20,001 FC to 33,761 FC	Accomplished (2)	34,261 FC	Repeat Interval

- (1) Flight cycles accumulated since new.
- (2) Already accomplished as per previous Threshold.
 - SSI 57-26-95 (P/Ns 145-67014-011/012) – Zones 532/632
 - MRBR Task Number: 57-26-00-250-804-A01
 - MRBR Task Number: 57-26-00-250-813-A02
 - MRBR Task Number: 57-26-00-250-815-A01

<i>Flight Cycles Accumulated (FC_{acc})⁽¹⁾</i>	<i>1st Inspection</i>	<i>2nd Inspection</i>	<i>3rd Inspection</i>	<i>Next Inspections</i>
Up to 14,500 FC	15000 FC	21,499 FC	Repeat Interval	Repeat Interval
14,501 FC to 20000 FC	Next 500 FC	25000 FC	31,912 FC	Repeat Interval
20,001 FC to 23,471 FC	Accomplished (2)	23,471 FC	31,912 FC	Repeat Interval

- (1) Flight cycles accumulated since new.
- (2) Already accomplished as per previous Threshold.

A2.3.3 INSPECTION INTERVAL LIMIT

The inspection interval limits are considered airworthiness limitations and were defined per Damage Tolerance Analysis and establish the maximum escalation limits due to fatigue considerations, allowed for the inspection intervals presented in the baseline program.

The MRB Report Sections 4 and 5 outlines the initial minimum scheduled maintenance requirements for the aircraft structure, including all the SSI's. This baseline program was developed in accordance with the guidelines of MSG-3, Rev. 02, and provides accidental, environmental and fatigue damage detection opportunity for the entire airframe and, therefore, these maintenance actions are to be used as the current interval limits.

The additional information presented herein is to be considered in conjunction with the baseline program, in order to determine the ultimate inspection interval limits necessary to guarantee an adequate fatigue damage detection. Therefore, any escalation to the baseline program can be done according to the rules from section 1.5, but without exceeding the limits defined herein.

SSI No.	ZONE	TYPE/SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
52-10-01 a Side Hinged Model Door b	811 c	DET/ INT d	52-10-00-220-805-A01 e	T: – g I: 4447 h	T: – I: 4447	T: – I: 4447	T: – I: 4447	T: – I: 4447	T: – I: 4447

Legend:

- a – SSI No.** – SSI numbering as defined in 4.6 – List of Structural Significant items (SSIs);
- b – SSI No.** – Additional space for information regarding the SSI's configuration. It is represented by the use of the configuration control number A00, A01, A02;
- c – ZONE** – Aircraft zone where the SSI is located;
- d – TYPE/SIDE** – Inspection method defined by the Damage Tolerance Analysis. The inspection interval is based on the inspection method analysis and definition; the side where the limitation obtained by crack propagation analysis (Damage Tolerance Analysis);
- e – TASKS** – Requirement covering each SSI stated in this Appendix. They are found in Section 4 (Structural), Section 5 (CPCP) and Section 6 (Zonal);
- f – EFFECTIVITY** – Corresponds to the aircraft version covered by MRB-145/1150. The values related to fatigue threshold and inspection interval are defined for each aircraft model. The symbol "–" indicates that such fatigue limitations are not applicable for the specific version;
- g – T: (FATIGUE THRESHOLD LIMIT)** – As defined in A2.3.1. established in Flight Cycles ();
- h – I: (INSPECTION INTERVAL LIMIT)** – As defined in A2.3.2. established in Flight Cycles ().

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
52-10-01 Standard Model Door	811	DET EXT	52-10-00-220-C06-A00	T: – I: 14340	T: – I: 14340	T: – I: 14340	T: – I: 14340	T: – I: 14340	T: – I: 14340
52-10-01 Standard Model Door	811	DET INT	52-10-00-220-807-A00	T: – I: 14340	T: – I: 14340	T: – I: 14340	T: – I: 14340	T: – I: 14340	T: – I: 14340
52-10-01 Side Hinged Model Door	811	DET EXT	52-10-00-220-806-A01	T: – I: 4447	T: – I: 4447	T: – I: 4447	T: – I: 4447	T: – I: 4447	T: – I: 4447
52-10-01 Side Hinged Model Door	811	DET INT	52-10-00-220-805-A01	T: – I: 4447	T: – I: 4447	T: – I: 4447	T: – I: 4447	T: – I: 4447	T: – I: 4447
52-10-03 Standard Model Door	811	DET EXT	52-10-00-220-804-A00	–	–	T: 20000 I: 2502	–	–	–
52-10-03 Standard Model Door	811	DET EXT	52-10-00-220-809-A00	T: 30000 I: 2502	T: 30000 I: 2502	–	–	–	–
52-10-03 Standard Model Door	811	DET EXT	52-10-00-220-815-A00	–	–	–	T: 30000 I: 2502	T: 30000 I: 2502	T: 30000 I: 2502
52-10-03 Standard Model Door	811	DET INT	52-10-00-220-805-A00	–	–	T: 20000 I: 14340	–	–	–
52-10-03 Standard Model Door	811	DET INT	52-10-00-220-810-A00	T: 30000 I: 14340	T: 30000 I: 14340	–	–	–	–
52-10-03 Standard Model Door	811	DET INT	52-10-00-220-816-A00	–	–	–	T: 30000 I: 14340	T: 30000 I: 14340	T: 30000 I: 14340
52-10-03 Side Hinged Model Door	811	DET EXT	52-10-00-220-803-A01	–	–	T: 20000 I: 2502	–	–	–
52-10-03 Side Hinged Model Door	811	DET EXT	52-10-00-220-808-A01	T: 30000 I: 2502	T: 30000 I: 2502	–	–	–	–
52-10-03 Side Hinged Model Door	811	DET EXT	52-10-00-220-810-A01	–	–	–	T: 30000 I: 2502	T: 30000 I: 2502	T: 30000 I: 2502



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
52-10-03 Side Hinged Model Door	811	DET INT	52-10-00-220-804-A01	–	–	T: 20000 I: 4447	–	–	–
52-10-03 Side Hinged Model Door	811	DET INT	52-10-00-220-809-A01	T: 30000 I: 4447	T: 30000 I: 4447	–	–	–	–
52-10-03 Side Hinged Model Door	811	DET INT	52-10-00-220-811-A01	–	–	–	T: 30000 I: 4447	T: 30000 I: 4447	T: 30000 I: 4447
52-21-06	812/822	DET INT	52-21-00-220-802-A00	–	–	T: 19000 I: 5060	–	–	–
52-21-06	812/822	DET INT	52-21-00-220-805-A00	T: 30000 I: 5060	T: 30000 I: 5060	–	–	–	–
52-21-06	812/822	DET INT	52-21-00-220-808-A00	–	–	–	T: 30000 I: 5060	T: 30000 I: 5060	T: 30000 I: 5060
52-21-07	812/822	DET INT	52-21-00-220-803-A00	–	–	T: 20000 I: 6060	–	–	–
52-21-07	812/822	DET INT	52-21-00-220-806-A00	T: 30000 I: 6060	T: 30000 I: 6060	–	–	–	–
52-21-07	812/822	DET INT	52-21-00-220-809-A00	–	–	–	T: 30000 I: 6060	T: 30000 I: 6060	T: 30000 I: 6060
52-30-08	813	GVI EXT	52-30-00-210-C01-A00	T: – I: 8026	T: – I: 8026	T: – I: 8026	T: – I: 8026	T: – I: 8026	T: – I: 8026
52-30-09	813	DET INT	52-30-00-220-801-A00	–	–	T: 20000 I: 4318	–	–	–
52-30-09	813	DET INT	52-30-00-220-802-A00	T: 30000 I: 4318	T: 30000 I: 4318	–	–	–	–
52-30-09	813	DET INT	52-30-00-220-803-A00	–	–	–	T: 30000 I: 4318	T: 30000 I: 4318	T: 30000 I: 4318

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
52-43-10	821	GVI EXT	52-43-00-210-C01-A00	T: – I: 27,700	T: – I: 27,700	T: – I: 27,700	T: – I: 27,700	T: – I: 27,700	T: – I: 27,700
52-43-11	821	GVI EXT	52-43-00-210-802-A00	T: – I: 27,700	T: – I: 27,700	T: – I: 27,700	T: – I: 27,700	T: – I: 27,700	T: – I: 27,700
52-43-12	821	DET EXT	52-43-00-220-801-A00	T: – I: 6,130	T: – I: 6,130	T: – I: 6,130	T: – I: 6,130	T: – I: 6,130	T: – I: 6,130
52-43-13	821	DET EXT	52-43-00-220-804-A00	–	–	T: 20000 I: 2,465	–	–	–
52-43-13	821	DET EXT	52-43-00-220-807-A00	T: 22000 I: 2,465	T: 22000 I: 2,465	–	–	–	–
52-43-13	821	DET EXT	52-43-00-220-811-A00	–	–	–	T: 22,250 I: 2,465	T: 22,250 I: 2,465	T: 22,250 I: 2,465
52-43-13	821	DET INT	52-43-00-220-805-A00	–	–	T: 20000 I: 4,640	–	–	–
52-43-13	821	DET INT	52-43-00-220-808-A00	T: 22000 I: 4,640	T: 22000 I: 4,640	–	–	–	–
52-43-13	821	DET INT	52-43-00-220-812-A00	–	–	–	T: 22,250 I: 4,640	T: 22,250 I: 4,640	T: 22,250 I: 4,640
52-43-14	821	DET EXT	52-43-00-220-802-A00	–	–	T: 20000 I: 4,975	–	–	–
52-43-14	821	DET EXT	52-43-00-220-809-A00	T: 30000 I: 4,975	T: 30000 I: 4,975	–	–	–	–
52-43-14	821	DET EXT	52-43-00-220-813-A00	–	–	–	T: 30000 I: 4,975	T: 30000 I: 4,975	T: 30000 I: 4,975
53-10-07	113/114	DET INT	53-11-00-220-C02-A00	T: – I: 20000	T: – I: 20000	T: 30000 I: 20000	T: – I: 20000	T: – I: 20000	T: – I: 20000
53-10-07	213/214	DET INT	53-11-00-220-801-A00	–	–	T: 30000 I: 20000	T: 30000 I: 20000	T: 30000 I: 20000	T: 30000 I: 20000



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-10-07	213/214	DET INT	53-11-00-220-803-A00	T: 30000 I: 20000	T: 30000 I: 20000	–	–	–	–
53-10-07 PRE-MOD. SB 145-53-0051 or PRE-MOD. SB 145-53-0067	123/124 223/224	GVI EXT	53-12-00-210-801-A00	T: 22000 I: 328	T: 22000 I: 328	T: 22000 I: 328	T: 22000 I: 328	T: 22000 I: 328	T: 22000 I: 328
53-10-07 POST-MOD. SB 145-53-0051 or POST-MOD. SB 145-53-0067	123/124 223/224	DET EXT	53-12-00-220-816-A00	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000
53-10-07	123/124 223/224 225/226	DET INT	53-12-00-220-C01-A00	T: – I: 20000	T: – I: 20000	T: 30000 I: 20000	T: – I: 20000	T: – I: 20000	T: – I: 20000
53-10-08	123/124 213/214 223/224	DET INT	53-12-00-220-C02-A00	T: – I: 20000	T: – I: 20000	T: 30000 I: 20000	T: – I: 20000	T: – I: 20000	T: – I: 20000
53-10-14	113/114 213/214	DET INT	53-11-00-220-C03-A00	T: – I: 20000	T: – I: 20000	T: 30000 I: 20000	T: – I: 20000	T: – I: 20000	T: – I: 20000
53-10-14	123/124 223/224 225/226	DET INT	53-12-00-220-C03-A00	T: – I: 20000	T: – I: 20000	T: 30000 I: 20000	T: – I: 20000	T: – I: 20000	T: – I: 20000
53-10-15	113/114 213/214	DET EXT	53-11-00-220-C07-A00	T: – I: 20000	T: – I: 20000	–	T: – I: 20000	T: – I: 20000	T: – I: 20000
53-10-15	113/114 213/214	DET INT	53-11-00-220-C04-A00	–	–	T: 30000 I: 20000	–	–	–
53-10-15	123/124 223/224	DET EXT	53-12-00-220-C09-A00	T: – I: 20000	T: – I: 20000	–	T: – I: 20000	T: – I: 20000	T: – I: 20000
53-10-15	123/124 223/224	DET INT	53-12-00-220-C06-A00	–	–	T: 30000 I: 20000	–	–	–
53-10-17	223/224	DET INT	53-12-00-220-802-A00	T: 10000 I: 5896	T: 10000 I: 5896	–	T: 10000 I: 5896	T: 10000 I: 5896	T: 10000 I: 5896

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-10-17	223/224	DET INT	53-12-00-220-813-A00	–	–	T: 12929 I: 12929	–	–	–
53-10-17	225/226	DET INT	53-12-00-220-810-A00	T: 20000 I: 5896	T: 20000 I: 5896	–	T: 20000 I: 5896	T: 20000 I: 5896	T: 20000 I: 5896
53-10-17	225/226	DET INT	53-12-00-220-812-A00	–	–	T: 12929 I: 12929	–	–	–
53-10-18	223/224 225/226	DET INT	53-12-00-220-804-A00	T: – I: 6666	T: – I: 6666	–	T: – I: 6666	T: – I: 6666	T: – I: 6666
53-10-18	223/224 225/226	DET INT	53-12-00-220-819-A00	–	–	T: 11000 I: 6666	–	–	–
53-10-19 PRE-MOD. SB 145-53-0007	221/222	DET INT	53-12-00-220-808-A00	T: 12000 I: 4000	T: 12000 I: 4000	–	T: 12000 I: 4000	T: 12000 I: 4000	T: 12000 I: 4000
53-10-19 POST-MOD. SB 145-53-0007	221/222	DET INT	53-12-00-220-808-A01	–	–	T: 20000 I: 12929	–	–	–
53-10-19 POST-MOD. SB 145-53-0007	221/222	DET INT	53-12-00-220-808-A02	–	–	–	T: 26,166 I: 13000	T: 26,166 I: 13000	T: 26,166 I: 13000
53-10-19 POST-MOD. SB 145-53-0007	221/222	DET INT	53-12-00-220-818-A00	T: 26000 I: 13000	T: 26000 I: 13000	–	–	–	–
53-10-19	223/224	DET INT	53-12-00-220-803-A00	T: – I: 5896	T: – I: 5896	–	T: – I: 5896	T: – I: 5896	T: – I: 5896
53-10-19	223/224	DET INT	53-12-00-220-814-A00	–	–	T: – I: 12929	–	–	–
53-10-19 PRE-MOD. SB145-53-0058	223/224	SDE INT	53-12-00-250-801-A00	T: 20000 I: 2672	T: 20000 I: 2672	T: 20000 I: 2672	T: 20000 I: 2672	T: 20000 I: 2672	T: 20000 I: 2672
53-10-19 POST-MOD. SB145-53-0058	223/224	SDE INT	53-12-00-250-801-A01	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000
53-10-20	223/224	DET INT	53-12-00-220-805-A00	–	–	T: 30000 I: 6666	T: 30000 I: 6666	T: 30000 I: 6666	T: 30000 I: 6666



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-10-20	223/224	DET INT	53-12-00-220-817-A00	T: 30000 I: 6666	T: 30000 I: 6666	–	–	–	–
53-10-21	223/224	GVI EXT	53-12-00-210-C11-A00	T: – I: 16000	–	T: – I: 16000	T: – I: 16000	T: – I: 16000	T: – I: 16000
53-10-22	223/224	DET INT	53-12-00-220-806-A00	T: – I: 6666	T: – I: 6666	–	T: – I: 6666	T: – I: 6666	T: – I: 6666
53-10-22	223/224	DET INT	53-12-00-220-820-A00	–	–	T: 30000 I: 6666	–	–	–
53-10-26	115/116 215/216	DET INT	53-11-00-220-802-A00	–	–	T: 18000 I: 24000	–	–	–
53-10-26	115/116 215/216	DET INT	53-11-00-220-807-A00	–	–	–	T: 24000 I: 24000	T: 24000 I: 24000	T: 24000 I: 24000
53-10-26	115/116 215/216	DET INT	53-11-00-220-804-A00	T: 24000 I: 24000	T: 24000 I: 24000	–	–	–	–
53-10-26	121/122	DET INT	53-12-00-220-807-A00	T: 18000 I: 18000	T: 18000 I: 18000	–	T: 18000 I: 18000	T: 18000 I: 18000	T: 18000 I: 18000
53-10-26	121/122	DET INT	53-12-00-220-821-A00	–	–	T: 24000 I: 18000	–	–	–
53-10-26	221/222	DET INT	53-12-00-220-815-A00	T: 18000 I: 9933	T: 18000 I: 9933	–	T: 18000 I: 9933	T: 18000 I: 9933	T: 18000 I: 9933
53-10-26	221/222	DET INT	53-12-00-220-822-A00	–	–	T: 24000 I: 9933	–	–	–
53-10-43	113/114 213/214	DET INT	53-11-00-220-805-A00	T: – I: 19737	T: – I: 19737	–	T: – I: 19737	T: – I: 19737	T: – I: 19737
53-10-43	113/114 213/214	DET INT	53-11-00-220-808-A00	–	–	T: 30000 I: 19737	–	–	–
53-10-43	123/124 225/226	DET INT	53-12-00-220-C07-A00	T: – I: 20000	T: – I: 20000	–	T: – I: 20000	T: – I: 20000	T: – I: 20000

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-10-43	123/124	DET INT	53-12-00-220-C07-A00	–	–	T: 23702 I: 20000	–	–	–
53-10-43	225/226	DET INT	53-12-00-220-C07-A00	–	–	T: 30000 I: 20000	–	–	–
53-10-43	223/224	DET INT	53-12-00-220-811-A00	T: – I: 19737	T: – I: 19737	T: – I: 19737	T: – I: 19737	T: – I: 19737	T: – I: 19737
53-10-46	113/114	DET INT	53-11-00-220-806-A00	–	–	T: 30000 I: 18831	–	–	–
53-20-01	231	DET EXT	53-21-00-220-802-A00	–	–	–	T: 25141 I: 3735	T: 25141 I: 3735	T: 25141 I: 3735
53-20-01	231	DET EXT	53-21-00-220-846-A00	T: 25000 I: 3735	T: 25000 I: 3735	–	–	–	–
53-20-01	231	DET EXT	53-21-00-220-841-A00	–	–	T: 28,500 I: 4180	–	–	–
53-20-01	231	DET INT	53-21-00-220-803-A00	–	–	–	T: 25395 I: 9450	T: 25395 I: 9450	T: 25395 I: 9450
53-20-01	231	DET INT	53-21-00-220-847-A00	T: 25000 I: 9450	T: 25000 I: 9450	–	–	–	–
53-20-01	231	DET INT	53-21-00-220-840-A00	–	–	T: 30000 I: 9450	–	–	–
53-20-02	232	DET EXT	53-21-00-220-813-A00	T: – I: 7360	T: – I: 7360	T: 30000 I: 9850	T: 25395 I: 7360	T: 25395 I: 7360	T: 25395 I: 7360
53-20-02	232	DET INT	53-21-00-220-C03-A00	T: – I: 6975	T: – I: 6975	T: 30000 I: 9390	T: 25395 I: 6975	T: 25395 I: 6975	T: 25395 I: 6975
53-20-06	231	GVI EXT	53-21-00-220-814-A00	–	–	–	T: 30000 I: 16200	T: 30000 I: 16200	T: 30000 I: 16200
53-20-06	231	GVI EXT	53-21-00-220-848-A00	T: 30000 I: 16200	T: 30000 I: 16200	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-06	231	GVI EXT	53-21-00-220-854-A00	–	–	T: 26700 I: 11860	–	–	–
53-20-06	241/242	GVI EXT	53-22-00-210-C03-A00	T: – I: 10169	T: – I: 9291	T: 30000 I: 20000	T: 30000 I: 20000	T: 30000 I: 20000	T: 30000 I: 20000
53-20-06	241/242	DET INT	53-22-00-220-C03-A00	T: – I: 15638	T: – I: 13439	–	–	–	–
53-20-06	251/252	GVI EXT	53-23-00-210-C02-A00	T: – I: 9168	–	–	T: – I: 9132	T: – I: 9132	T: – I: 9132
53-20-06 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	251/252	GVI EXT	53-23-00-210-C02-A00	–	T: – I: 15456	–	–	–	–
53-20-06 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	251/252	GVI EXT	53-23-00-210-C02-A00	–	T: – I: 14492	–	–	–	–
53-20-06	251/252	GVI EXT	53-23-00-210-804-A00	–	–	T: 28816 I: 4125	–	–	–
53-20-06	261/262	GVI EXT	53-24-00-210-C03-A00	T: – I: 9132	T: – I: 9132	T: 30000 I: 20000	–	–	–
53-20-07	131/132	GVI EXT	53-21-00-210-801-A00	–	–	–	T: 29400 I: 5000	T: 29400 I: 5000	T: 29400 I: 5000
53-20-07	131/132	GVI EXT	53-21-00-210-811-A00	T: 29000 I: 5000	T: 29000 I: 5000	–	–	–	–
53-20-07	131/132	DET EXT	53-21-00-220-843-A00	–	–	T: 21900 I: 5000	–	–	–
53-20-07	131/132	DET INT	53-21-00-220-C05-A00	T: – I: 9816	T: – I: 9816	T: – I: 12380	T: 10080 I: 9816	T: 10080 I: 9816	T: 10080 I: 9816

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-07	231/232 233/234	DET EXT	53-21-00-220-839-A00	T: – I: 5000	T: – I: 5000	–	–	–	–
53-20-07	231/232	DET EXT	53-21-00-220-844-A00	–	–	T: 18538 I: 5000	–	–	–
53-20-07	231/232	DET EXT	53-21-00-220-856-A00	–	–	–	T: 21331 I: 5000	T: 21331 I: 5000	T: 21331 I: 5000
53-20-07	231/232	DET INT	53-21-00-220-825-A00	T: 20000 I: 9816	T: 20000 I: 9816	–	T: 20000 I: 9816	T: 20000 I: 9816	T: 20000 I: 9816
53-20-07	231/232	DET INT	53-21-00-220-830-A00	–	–	T: – I: 12380	–	–	–
53-20-07	233/234	DET EXT	53-21-00-220-845-A00	–	–	T: 7453 I: 5000	–	–	–
53-20-07	233/234	DET EXT	53-21-00-220-857-A00	–	–	–	T: 10000 I: 5000	T: 10000 I: 5000	T: 10000 I: 5000
53-20-07	233/234	DET INT	53-21-00-220-805-A00	T: 10000 I: 9816	T: 10000 I: 9816	–	T: 10000 I: 9816	T: 10000 I: 9816	T: 10000 I: 9816
53-20-07	233/234	DET INT	53-21-00-220-831-A00	–	–	T: – I: 12380	–	–	–
53-20-07	141/142	GVI EXT	53-22-00-210-801-A00	–	–	T: 30000 I: 2866	T: 30000 I: 3831	T: 30000 I: 3831	T: 30000 I: 3831
53-20-07	141/142 241/242 243/244	GVI EXT	53-22-00-210-805-A00	T: 30000 I: 2500	T: 30000 I: 2653	–	–	–	–
53-20-07	141/142 241/242	DET INT	53-22-00-220-C01-A00	–	–	T: 30000 I: 20000	T: 30000 I: 8390	T: 30000 I: 8390	T: 30000 I: 8390
53-20-07	241/242	GVI EXT	53-22-00-210-803-A00	–	–	T: 30000 I: 2866	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-07	241/242	GVI EXT	53-22-00-210-804-A00	–	–	–	T: 30000 I: 3831	T: 30000 I: 3831	T: 30000 I: 3831
53-20-07	243/244	GVI EXT	53-22-00-210-801-A00	–	–	T: 30000 I: 2866	T: 30000 I: 8566	T: 30000 I: 8566	T: 30000 I: 8566
53-20-07	243/244	DET INT	53-22-00-220-801-A00	–	–	T: 30000 I: 20000	T: 30000 I: 27848	T: 30000 I: 27848	T: 30000 I: 27848
53-20-07	151/152 153/154	DET EXT	53-23-00-220-C06-A00	T: – I: 29259	–	–	T: – I: 15472	T: – I: 15472	T: – I: 15472
53-20-07 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	151/152 153/154	DET EXT	53-23-00-220-C06-A00	–	T: – I: 15472	–	–	–	–
53-20-07 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	151/152 153/154	DET EXT	53-23-00-220-C06-A00	–	T: – I: 15376	–	–	–	–
53-20-07	251/252	DET EXT	53-23-00-220-803-A00	–	–	–	T: 30000 I: 6140	T: 30000 I: 6140	T: 30000 I: 6140
53-20-07	251/252	DET EXT	53-23-00-220-820-A00	T: 30000 I: 6140	–	–	–	–	–
53-20-07	251/252	DET EXT	53-23-00-220-807-A00	–	T: 30000 I: 15456	–	–	–	–
53-20-07	251/252	DET EXT	53-23-00-220-817-A00	–	–	T: 30000 I: 6428	–	–	–
53-20-07	253/254	GVI EXT	53-23-00-210-807-A00	T: 30000 I: 4490	–	–	–	–	–
53-20-07	253/254	GVI EXT	53-23-00-210-803-A00	–	–	–	T: 30000 I: 3388	T: 30000 I: 3388	T: 30000 I: 3388

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-07 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	253/254	GVI EXT	53-23-00-210-809-A00	–	T: 30000 I: 3388	–	–	–	–
53-20-07 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	253/254	DET EXT	53-23-00-220-818-A00	–	T: 18790 I: 2,571	–	–	–	–
53-20-07	253/254	DET EXT	53-23-00-220-811-A00	–	–	T: 30000 I: 19612	–	–	–
53-20-07	253/254	DET INT	53-23-00-220-802-A00	–	–	T: 30000 I: 25625	–	–	–
53-20-07	161/162	GVI EXT	53-24-00-210-803-A00	–	–	–	T: 30000 I: 5691	T: 30000 I: 5691	T: 30000 I: 5691
53-20-07	161/162	GVI EXT	53-24-00-210-811-A00	T: 30000 I: 5539	–	–	–	–	–
53-20-07 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	161/162	GVI EXT	53-24-00-210-811-A00	–	T: 30000 I: 7274	–	–	–	–
53-20-07 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	161/162	GVI EXT	53-24-00-210-811-A00	–	T: 30000 I: 6974	–	–	–	–
53-20-07 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	161/162	DET INT	53-24-00-220-C01-A00	–	T: – I: 9521	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-07 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	161/162	DET INT	53-24-00-220-C01-A00	–	T: – I: 5337	–	–	–	–
53-20-07	261/262	GVI EXT	53-24-00-210-803-A00	–	–	–	T: 30000 I: 5691	T: 30000 I: 5691	T: 30000 I: 5691
53-20-07	261/262	GVI EXT	53-24-00-210-811-A00	T: 30000 I: 5005	T: 30000 I: 5005	–	–	–	–
53-20-07	261/262	GVI EXT	53-24-00-210-810-A00	–	–	T: – I: 5543	–	–	–
53-20-07	263/264	GVI EXT	53-24-00-210-801-A00	T: 30000 I: 5539	–	–	–	–	–
53-20-07 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	263/264	GVI EXT	53-24-00-210-801-A00	–	T: 30000 I: 7274	–	–	–	–
53-20-07 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	263/264	GVI EXT	53-24-00-210-801-A00	–	T: 30000 I: 6974	–	–	–	–
53-20-07	263/264	GVI EXT	53-24-00-210-806-A00	–	–	–	T: 30000 I: 4750	T: 30000 I: 4750	T: 30000 I: 4750
53-20-07	263/264	GVI EXT	53-24-00-210-807-A00	–	–	T: 24300 I: 3077	–	–	–
53-20-07 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	263/264	DET INT	53-24-00-220-806-A00	–	T: 30000 I: 9521	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-07 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	263/264	DET INT	53-24-00-220-806-A01	–	T: 30000 I: 5337	–	–	–	–
53-20-08	141/142 241/242 243/244	DET INT	53-22-00-220-C04-A00	–	–	T: 30000 I: 20000	T: 30000 I: 17045	T: 30000 I: 17045	T: 30000 I: 17045
53-20-08	251/252	DET INT	53-23-00-220-C03-A00	–	–	–	T: – I: 9167	T: – I: 9167	T: – I: 9167
53-20-08	161/162 261/262	GVI INT	53-24-00-220-C03-A00	–	T: – I: 10687	T: – I: 11438	–	–	–
53-20-08	161/162	GVI INT	53-24-00-220-C03-A00	–	–	–	T: – I: 14075	T: – I: 14075	T: – I: 14075
53-20-08	261/262	GVI INT	53-24-00-220-808-A00	T: – I: 5732	–	–	–	–	–
53-20-08	261/262	GVI INT	53-24-00-220-C03-A00	–	–	–	T: 30000 I: 14075	T: 30000 I: 14075	T: 30000 I: 14075
53-20-09	131 231 233	DET EXT	53-21-00-220-815-A00	T: 13000 I: 20000	T: 13000 I: 20000	–	–	–	–
53-20-09	131 231 233	DET EXT	53-21-00-220-833-A00	–	–	T: 19000 I: 20000	–	–	–
53-20-09	131 231 233	DET EXT	53-21-00-220-860-A00	–	–	–	T: 22855 I: 20000	T: 22855 I: 20000	T: 22855 I: 20000
53-20-09	131 231 233	DET INT	53-21-00-220-819-A00	T: 10000 I: 5000	T: 10000 I: 5000	–	T: 10000 I: 5000	T: 10000 I: 5000	T: 10000 I: 5000



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-09	131 231 233	DET INT	53-21-00-220-832-A00	–	–	T: 19808 I: 5000	–	–	–
53-20-10	232	DET EXT	53-21-00-220-807-A00	T: 12000 I: 14980	T: 12000 I: 14980	–	–	–	–
53-20-10	232	DET EXT	53-21-00-220-835-A00	–	–	T: 21332 I: 20000	–	–	–
53-20-10	232	DET EXT	53-21-00-220-861-A00	–	–	–	T: 25141 I: 14980	T: 25141 I: 14980	T: 25141 I: 14980
53-20-10	232	DET INT	53-21-00-220-820-A00	T: 10000 I: 5181	T: 10000 I: 5181	–	T: 10000 I: 5181	T: 10000 I: 5181	T: 10000 I: 5181
53-20-10	232	DET INT	53-21-00-220-834-A00	–	–	T: 21332 I: 5000	–	–	–
53-20-12	231	DET EXT	53-21-00-220-816-A00	–	–	–	T: 30000 I: 2764	T: 30000 I: 2764	T: 30000 I: 2764
53-20-12	231	DET EXT	53-21-00-220-863-A00	–	–	T: 22094 I: 2764	–	–	–
53-20-12	231	DET EXT	53-21-00-220-850-A00	T: 30000 I: 2764	T: 30000 I: 2764	–	–	–	–
53-20-12	231	DET INT	53-21-00-220-806-A00	T: 30000 I: 2979	T: 30000 I: 2979	–	–	–	–
53-20-12	231	DET INT	53-21-00-220-828-A00	–	–	–	T: 30000 I: 2979	T: 30000 I: 2979	T: 30000 I: 2979
53-20-12	231	DET INT	53-21-00-220-862-A00	–	–	T: 22094 I: 2979	–	–	–
53-20-13	232	DET EXT	53-21-00-220-817-A00	–	–	–	T: 30000 I: 2764	T: 30000 I: 2764	T: 30000 I: 2764

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-13	232	DET EXT	53-21-00-220-851-A00	T: 30000 I: 2764	T: 30000 I: 2764	–	–	–	–
53-20-13	232	DET EXT	53-21-00-220-864-A00	–	–	T: 21840 I: 2764	–	–	–
53-20-13	232	DET INT	53-21-00-220-823-A00	T: 30000 I: 2979	T: 30000 I: 2979	–	–	–	–
53-20-13	232	DET INT	53-21-00-220-829-A00	–	–	–	T: 30000 I: 2979	T: 30000 I: 2979	T: 30000 I: 2979
53-20-13	232	DET INT	53-21-00-220-865-A00	–	–	T: 21840 I: 2979	–	–	–
53-20-14	141/142 241/242	DET INT	53-22-00-220-C05-A00	–	–	T: – I: 8102	T: 30000 I: 11318	T: 30000 I: 11318	T: 30000 I: 11318
53-20-14	243/244	DET INT	53-22-00-220-807-A00	–	–	–	T: 30000 I: 11318	T: 30000 I: 11318	T: 30000 I: 11318
53-20-14	243/244	DET INT	53-22-00-220-805-A00	–	–	T: – I: 8102	–	–	–
53-20-14	161/162 261/262	GVI INT	53-24-00-210-C04-A00	T: – I: 14050	–	–	T: 30000 I: 13082	T: 30000 I: 13082	T: 30000 I: 13082
53-20-14 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	161/162 261/262	GVI INT	53-24-00-210-C04-A00	–	T: – I: 15428	–	–	–	–
53-20-14 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	161/162 261/262	GVI INT	53-24-00-210-C04-A00	–	T: – I: 10584	–	–	–	–
53-20-14	161/162 261/262	DET INT	53-24-00-220-C08-A00	–	–	T: – I: 13171	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-14	263/264	GVI INT	53-24-00-210-804-A00	T: – I: 14050	–	–	–	–	–
53-20-14 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	263/264	GVI INT	53-24-00-210-804-A00	–	T: – I: 14273	–	–	–	–
53-20-14 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	263/264	GVI INT	53-24-00-210-804-A00	–	T: – I: 10584	–	–	–	–
53-20-14	263/264	DET INT	53-24-00-220-809-A00	–	–	T: 19046 I: 13171	–	–	–
53-20-14	263/264	GVI INT	53-24-00-210-812-A00	–	–	–	T: 30000 I: 13082	T: 30000 I: 13082	T: 30000 I: 13082
53-20-16	251/252	GVI EXT	53-23-00-210-805-A00	T: – I: 9167	–	–	T: – I: 9167	T: – I: 9167	T: – I: 9167
53-20-16 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	251/252	GVI EXT	53-23-00-210-808-A00	–	T: – I: 15472	–	–	–	–
53-20-16 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	251/252	GVI EXT	53-23-00-210-808-A00	–	T: – I: 15376	–	–	–	–
53-20-16	251/252	DET EXT	53-23-00-220-816-A00	–	–	T: 30000 I: 16696	–	–	–
53-20-30	151/152 153/154	DET INT	53-23-00-220-813-A00	–	–	–	T: 30000 I: 9167	T: 30000 I: 9167	T: 30000 I: 9167

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-30	151/152 153/154	DET INT	53-23-00-220-824-A00	T: 30000 I: 9167	–	–	–	–	–
53-20-30	151/152 153/154	DET INT	53-23-00-220-801-A00	–	–	T: 30000 I: 10375	–	–	–
53-20-30 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	151/152 153/154	DET INT	53-23-00-220-823-A00	–	T: 30000 I: 15472	–	–	–	–
53-20-30 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	151/152 153/154	DET INT	53-23-00-220-823-A00	–	T: 30000 I: 15376	–	–	–	–
53-20-30	251/252 253/254	DET INT	53-23-00-220-814-A00	–	–	–	T: 30000 I: 9443	T: 30000 I: 9443	T: 30000 I: 9443
53-20-30	251/252 253/254	DET INT	53-23-00-220-825-A00	T: 30000 I: 9443	–	–	–	–	–
53-20-30	251/252 253/254	DET INT	53-23-00-220-812-A00	–	–	T: – I: 10375	–	–	–
53-20-41	231	DET EXT	53-21-00-220-811-A00	T: – I: 18000	T: – I: 18000	–	–	–	–
53-20-41	231	DET EXT	53-21-00-220-837-A00	–	–	T: 30000 I: 18300	–	–	–
53-20-41	231	DET EXT	53-21-00-220-866-A00	–	–	–	T: 30000 I: 18000	T: 30000 I: 18000	T: 30000 I: 18000
53-20-41	231	DET INT	53-21-00-220-821-A00	–	–	–	T: 30000 I: 4932	T: 30000 I: 4932	T: 30000 I: 4932
53-20-41	231	DET INT	53-21-00-220-852-A00	T: 30000 I: 4932	T: 30000 I: 4932	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-41	231	DET INT	53-21-00-220-838-A00	–	–	T: 30000 I: 4965	–	–	–
53-20-42	232	DET EXT	53-21-00-220-867-A00	–	–	T: 30000 I: 6100	–	–	–
53-20-42	232	DET INT	53-21-00-220-822-A00	–	–	T: 30000 I: 6100	T: 30000 I: 6100	T: 30000 I: 6100	T: 30000 I: 6100
53-20-42	232	DET INT	53-21-00-220-853-A00	T: 30000 I: 6100	T: 30000 I: 6100	–	–	–	–
53-20-43	131/132 231/232	DET INT	53-21-00-220-C06-A00	T: – I: 9816	T: – I: 9816	T: – I: 12380	T: – I: 9817	T: – I: 9817	T: – I: 9817
53-20-43	233/234	DET INT	53-21-00-220-842-A00	T: 18000 I: 9816	T: 18000 I: 9816	–	–	–	–
53-20-43	233/234	DET INT	53-21-00-220-836-A00	–	–	T: – I: 12380	–	–	–
53-20-43	141/142 241/242	DET INT	53-22-00-220-C06-A00	–	–	T: – I: 20000	T: – I: 8390	T: – I: 8390	T: – I: 8390
53-20-43	243/244	DET INT	53-22-00-220-803-A00	–	–	T: – I: 20000	T: – I: 27848	T: – I: 27848	T: – I: 27848
53-20-43	151/152 153/154 251/252	DET INT	53-23-00-220-C02-A00	–	–	T: – I: 25625	T: – I: 19032	T: – I: 19032	T: – I: 19032
53-20-43	253/254	DET INT	53-23-00-220-804-A00	–	–	T: – I: 25625	T: – I: 19032	T: – I: 19032	T: – I: 19032
53-20-43	161/162 261/262	DET INT	53-24-00-220-C04-A00	–	T: – I: 9521	–	–	–	–
53-20-43	263/264	DET INT	53-24-00-220-807-A00	–	T: – I: 9521	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-20-51	251/252	DET EXT	53-23-00-220-805-A00	T: – I: 6140	–	–	–	–	–
53-20-51	251/252	DET EXT	53-23-00-220-815-A00	–	–	–	T: – I: 4725	T: – I: 4725	T: – I: 4725
53-20-51 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	251/252	DET EXT	53-23-00-220-819-A00	–	T: – I: 4725	–	–	–	–
53-20-51 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	251/252	DET EXT	53-23-00-220-819-A01	–	T: – I: 3670	–	–	–	–
53-20-51	251/252	DET EXT	53-23-00-220-826-A00	–	–	T: 30000 I: 5763	–	–	–
53-20-86	196	DET EXT	53-24-00-220-805-A00	–	–	T: – I: 9958	–	–	–
53-30-03	271	DET EXT	53-31-00-220-824-A00	–	–	T: – I: 4038	–	–	–
53-30-03	271	DET INT	53-31-00-220-807-A00	T: – I: 9199	–	–	–	–	–
53-30-03	271	DET INT	53-31-00-220-810-A00	–	T: – I: 7093	–	–	–	–
53-30-03	271	DET INT	53-31-00-220-845-A00	–	–	–	T: – I: 4828	T: – I: 4828	T: – I: 4828
53-30-03	271	DET INT	53-31-00-220-841-A00	–	–	T: – I: 5468	–	–	–
53-30-07	171/172	GVI EXT	53-31-00-210-809-A00	T: – I: 5784	T: – I: 5645	–	T: – I: 11821	T: – I: 11821	T: – I: 11821



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-30-07	171/172	GVI EXT	53-31-00-210-819-A00	–	–	T: – I: 5500	–	–	–
53-30-07	171/172	DET INT	53-31-00-220-C01-A00	T: – I: 27937	–	T: – I: 18567	–	–	–
53-30-07 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	171/172	DET INT	53-31-00-220-C01-A00	–	T: – I: 23670	–	–	–	–
53-30-07 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	171/172	DET INT	53-31-00-220-C01-A00	–	T: – I: 22682	–	–	–	–
53-30-07	271/272	DET EXT	53-31-00-220-819-A00	T: – I: 5784	T: – I: 5645	–	T: – I: 11821	T: – I: 11821	T: – I: 11821
53-30-07	271/272	GVI EXT	53-31-00-210-813-A00	–	–	T: – I: 5500	–	–	–
53-30-07	271/272	DET INT	53-31-00-220-847-A00	T: 30000 I: 27937	–	–	–	–	–
53-30-07 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	271/272	DET INT	53-31-00-220-847-A00	–	T: 30000 I: 23670	–	–	–	–
53-30-07 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	271/272	DET INT	53-31-00-220-847-A00	–	T: 30000 I: 22682	–	–	–	–
53-30-07	271/272	DET INT	53-31-00-220-829-A00	–	–	T: – I: 18567	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-30-07	273/274	GVI EXT	53-31-00-210-802-A00	–	–	–	T: 20000 I: 13095	T: 20000 I: 13095	T: 20000 I: 13095
53-30-07	273/274	GVI EXT	53-31-00-210-821-A00	T: 30000 I: 10312	T: 30000 I: 14062	–	–	–	–
53-30-07	273/274	GVI EXT	53-31-00-210-813-A00	–	–	T: – I: 10084	–	–	–
53-30-07	273/274	DET INT	53-31-00-220-804-A00	–	–	–	T: 20000 I: 18811	T: 20000 I: 18811	T: 20000 I: 18811
53-30-07	273/274	DET INT	53-31-00-220-846-A00	–	T: 30000 I: 20248	–	–	–	–
53-30-07	273/274	DET INT	53-31-00-220-830-A00	–	–	T: – I: 19118	–	–	–
53-30-08	271/272	GVI INT	53-31-00-220-844-A00	T: – I: 5700	–	–	–	–	–
53-30-08	273/274	DET INT	53-31-00-220-C11-A00	T: – I: 10312	–	–	–	–	–
53-30-08	273/274	DET INT	53-31-00-220-C09-A00	–	T: – I: 20248	T: – I: 19118	T: – I: 18811	T: – I: 18811	T: – I: 18811
53-30-14	171/172 271/272 273/274	DET INT	53-31-00-220-C04-A00	–	–	T: – I: 18567	–	–	–
53-30-15	171/172	GVI EXT	53-31-00-210-804-A00	–	–	–	T: 20000 I: 25018	T: 20000 I: 25018	T: 20000 I: 25018
53-30-15	171/172	GVI EXT	53-31-00-210-822-A00	T: 30000 I: 15245	–	–	–	–	–
53-30-15 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	171/172	GVI EXT	53-31-00-210-822-A00	–	T: 30000 I: 12900	–	–	–	–



MAINTENANCE REVIEW BOARD REPORT

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-30-15 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	171/172	GVI EXT	53-31-00-210-822-A00	–	T: 30000 I: 12021	–	–	–	–
53-30-15	171/172	GVI EXT	53-31-00-210-814-A00	–	–	T: – I: 10084	–	–	–
53-30-15	171/172	DET INT	53-31-00-220-C05-A00	–	–	T: – I: 18567	–	–	–
53-30-15	271/272	GVI EXT	53-31-00-210-805-A00	–	–	–	T: 20000 I: 25018	T: 20000 I: 25018	T: 20000 I: 25018
53-30-15	271/272	GVI EXT	53-31-00-210-822-A00	T: 30000 I: 15245	–	–	–	–	–
53-30-15 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	271/272	GVI EXT	53-31-00-210-822-A00	–	T: 30000 I: 12900	–	–	–	–
53-30-15 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	271/272	GVI EXT	53-31-00-210-822-A00	–	T: 30000 I: 12021	–	–	–	–
53-30-15	271/272	GVI EXT	53-31-00-210-815-A00	–	–	T: – I: 10084	–	–	–
53-30-15	271/272	DET INT	53-31-00-220-833-A00	–	–	T: – I: 18567	–	–	–
53-30-15	273/274	GVI EXT	53-31-00-210-808-A00	T: 30000 I: 15245	–	–	–	–	–
53-30-15 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	273/274	GVI EXT	53-31-00-210-811-A00	–	T: 30000 I: 12900	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-30-15 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	273/274	GVI EXT	53-31-00-210-811-A00	–	T: 30000 I: 12021	–	–	–	–
53-30-15	273/274	GVI EXT	53-31-00-210-812-A00	–	–	–	T: 20000 I: 25018	T: 20000 I: 25018	T: 20000 I: 25018
53-30-15	273/274	GVI EXT	53-31-00-210-816-A00	–	–	T: – I: 10084	–	–	–
53-30-15	273/274	DET INT	53-31-00-220-C03-A00	–	–	T: – I: 18567	–	–	–
53-30-28	171/172	GVI INT	53-31-00-210-810-A00	T: 14000 I: 8416	T: 14000 I: 8416	–	–	–	–
53-30-28	171/172	GVI INT	53-31-00-210-820-A00	–	–	–	T: 10000 I: 13082	T: 10000 I: 13082	T: 10000 I: 13082
53-30-30	171/172 271/272 273/274	GVI EXT	53-31-00-210-818-A00	–	–	T: – I: 17693	–	–	–
53-30-30	271/272 273/274	GVI EXT	53-31-00-210-806-A00	–	–	–	T: 20000 I: 25018	T: 20000 I: 25018	T: 20000 I: 25018
53-30-30	271/272 273/274	GVI EXT	53-31-00-210-823-A00	–	T: 30000 I: 21067	–	–	–	–
53-30-30	273/274	DET INT	53-31-00-220-850-A00	–	T: 30000 I: 20248	–	–	–	–
53-30-35	271/272	DET INT	53-31-00-220-815-A00	–	–	–	T: 20000 I: 6256	T: 20000 I: 6256	T: 20000 I: 6256
53-30-35	271/272	DET INT	53-31-00-220-851-A00	T: 27000 I: 6256	T: 27000 I: 6256	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-30-35	271/272	DET INT	53-31-00-220-835-A00	–	–	T: – I: 4115	–	–	–
53-30-36	275/276	DET INT	53-31-00-220-C07-A00	T: – I: 8778	T: – I: 8778	T: – I: 8778	T: – I: 8778	T: – I: 8778	T: – I: 8778
53-30-36	271/272	DET INT	53-31-00-220-C10-A00	T: – I: 8778	T: – I: 8778	T: – I: 8778	T: – I: 8778	T: – I: 8778	T: – I: 8778
53-30-36	273/274	DET INT	53-31-00-220-812-A00	–	–	–	T: 20000 I: 8778	T: 20000 I: 8778	T: 20000 I: 8778
53-30-36	273/274	DET INT	53-31-00-220-852-A00	T: 30000 I: 8778	T: 30000 I: 8778	–	–	–	–
53-30-36	273/274	DET INT	53-31-00-220-825-A00	–	–	T: – I: 8778	–	–	–
53-30-36	311/312	DET INT	53-32-00-220-C01-A00	T: – I: 8778	T: – I: 8778	T: – I: 8778	T: – I: 8778	T: – I: 8778	T: – I: 8778
53-30-38	273/274	GVI EXT	53-31-00-210-807-A00	–	T: – I: 21067	–	T: – I: 21067	T: – I: 21067	T: – I: 21067
53-30-38	273/274	DET INT	53-31-00-220-834-A00	–	–	T: – I: 8003	–	–	–
53-30-43	171/172	DET INT	53-31-00-220-C08-A00	–	–	T: – I: 18567	–	–	–
53-30-43	271/272	DET INT	53-31-00-220-803-A00	–	–	T: – I: 18567	–	–	–
53-30-43	273/274	GVI INT	53-31-00-220-854-A00	T: 30000 I: 10312	–	–	–	–	–
53-30-43	273/274	DET INT	53-31-00-220-820-A00	–	–	–	T: 14000 I: 18811	T: 14000 I: 18811	T: 14000 I: 18811
53-30-43	273/274	DET INT	53-31-00-220-855-A00	–	T: 20200 I: 20248	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-30-43	273/274	DET INT	53-31-00-220-836-A00	–	–	T: – I: 19118	–	–	–
53-30-48	271	DET EXT	53-31-00-220-808-A00	T: – I: 2966	T: – I: 2526	T: – I: 2760	–	–	–
53-30-48	271	DET EXT	53-31-00-220-823-A00	–	–	–	T: – I: 2228	T: – I: 2228	T: – I: 2228
53-30-48	271	DET INT	53-31-00-220-821-A00	T: 30000 I: 9199	–	–	–	–	–
53-30-48	271	DET INT	53-31-00-220-816-A00	–	T: 30000 I: 7091	–	–	–	–
53-30-48	271	DET INT	53-31-00-220-843-A00	–	–	–	T: 19000 I: 4828	T: 19000 I: 4828	T: 19000 I: 4828
53-30-48	271	DET INT	53-31-00-220-826-A00	–	–	T: – I: 5468	–	–	–
53-30-49	272	DET EXT	53-31-00-220-809-A00	T: 12000 I: 19724	–	–	–	–	–
53-30-49	272	DET EXT	53-31-00-220-840-A00	–	T: 12000 I: 8101	–	–	–	–
53-30-49	272	DET EXT	53-31-00-220-838-A00	–	–	–	T: 12000 I: 4520	T: 12000 I: 4520	T: 12000 I: 4520
53-30-49	272	DET EXT	53-31-00-220-828-A00	–	–	T: – I: 6340	–	–	–
53-30-49	272	DET INT	53-31-00-220-822-A00	T: 12000 I: 8193	–	–	–	–	–
53-30-49	272	DET INT	53-31-00-220-818-A00	–	T: 12000 I: 7342	–	–	–	–
53-30-49	272	DET INT	53-31-00-220-842-A00	–	–	–	T: 12000 I: 5296	T: 12000 I: 5296	T: 12000 I: 5296



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
53-30-49	272	DET INT	53-31-00-220-827-A00	–	–	T: – I: 5735	–	–	–
53-30-50	311/312	DET EXT	53-32-00-220-808-A00	–	–	–	T: 20000 I: 10762	T: 20000 I: 10762	T: 20000 I: 10762
53-30-50	311/312	DET EXT	53-32-00-220-812-A00	T: 30000 I: 10762	T: 30000 I: 10762	–	–	–	–
53-30-50	311/312	DET EXT	53-32-00-220-809-A00	–	–	T: – I: 10762	–	–	–
53-30-50	311/312	DET INT	53-32-00-220-803-A00	–	–	–	T: 20000 I: 8193	T: 20000 I: 8193	T: 20000 I: 8193
53-30-50	311/312	DET INT	53-32-00-220-813-A00	T: 30000 I: 8193	T: 30000 I: 8193	–	–	–	–
53-30-50	311/312	DET INT	53-32-00-220-805-A00	–	–	T: – I: 8193	–	–	–
54-50-01	414/424	DET INT	54-50-00-220-801-A00	–	–	–	T: 20000 I: 6256	T: 20000 I: 6256	T: 20000 I: 6256
54-50-01	414/424	DET INT	54-50-00-220-813-A00	T: 27000 I: 6256	T: 27000 I: 6256	–	–	–	–
54-50-01	414/424	DET INT	54-50-00-220-807-A00	–	–	T: 20756 I: 4115	–	–	–
54-50-02 PRE-MOD SB 145-54-0011	414/424	DET INT	54-50-00-220-810-A00	T: 30000 I: 4090	T: 30000 I: 4090	–	T: 30000 I: 4090	T: 30000 I: 4090	T: 30000 I: 4090
54-50-02 POST-MOD SB 145-54-0011	414/424	DET INT	54-50-00-220-810-A01	T: 30000 I: 30000	T: 30000 I: 30000	–	T: 30000 I: 30000	T: 30000 I: 30000	T: 30000 I: 30000
54-50-02	414/424	DET INT	54-50-00-220-811-A00	–	–	T: 27345 I: 5,257	–	–	–
54-50-03 PRE-MOD. SB 145-54-0011	414/424	DET INT	54-50-00-220-802-A00	T: 20000 I: 4000	T: 20000 I: 4000	–	T: 20000 I: 4000	T: 20000 I: 4000	T: 20000 I: 4000

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
54-50-03 POST-MOD. SB 145-54-0011	414/424	SDE INT	54-50-00-230-802-A00	T: 15000 I: 15000	T: 15000 I: 15000	–	T: 15000 I: 15000	T: 15000 I: 15000	T: 15000 I: 15000
54-50-03 PRE-MOD. SB 145-54-0010	414/424	DET INT	54-50-00-220-804-A00	–	–	T: 4000 I: 1000	–	–	–
54-50-03 POST-MOD. SB 145-54-0010	414/424	SDE INT	54-50-00-230-801-A00	–	–	T: 20000 I: 20000	–	–	–
54-50-04	414/424	GVI EXT	54-50-00-210-801-A00	T: 18000 I: 7201	T: 18000 I: 7201	–	–	–	–
54-50-04	414/424	GVI EXT	54-50-00-210-802-A00	–	–	–	T: 18467 I: 7201	T: 18467 I: 7201	T: 18467 I: 7201
54-50-04	414/424	DET EXT	54-50-00-220-805-A00	–	–	T: 15030 I: 6220	–	–	–
54-50-05 POST-MOD SB145-54-0011	414/424	SDE INT	54-50-00-250-804-A00	T: 30000 I: 30000	T: 30000 I: 30000	–	T: 30000 I: 30000	T: 30000 I: 30000	T: 30000 I: 30000
54-50-05	414/424	SDE INT	54-50-00-250-801-A00	–	–	T: 27345 I: 20000	–	–	–
54-50-06 PRE-MOD. SB145-54-0008	414/424	SDE INT	54-50-00-250-802-A00	T: 30000 I: 6333	T: 30000 I: 6333	–	T: 30000 I: 6333	T: 30000 I: 6333	T: 30000 I: 6333
54-50-06 POST-MOD. SB145-54-0008	414/424	SDE INT	54-50-00-250-802-A01	T: 30000 I: 12606	T: 30000 I: 12606	–	T: 30000 I: 12606	T: 30000 I: 12606	T: 30000 I: 12606
54-50-06	414/424	SDE INT	54-50-00-250-803-A00	–	–	T: 27345 I: 5310	–	–	–
54-50-07 PRE-MOD SB 145-54-0011	414/424	DET INT	54-50-00-220-808-A00	T: 20000 I: 4000	T: 20000 I: 4000	–	T: 20000 I: 4000	T: 20000 I: 4000	T: 20000 I: 4000
54-50-07 POST-MOD SB 145-54-0011	414/424	DET INT	54-50-00-220-808-A01	T: 5000 I: 5000	T: 5000 I: 5000	–	T: 5000 I: 5000	T: 5000 I: 5000	T: 5000 I: 5000
54-50-07 PRE-MOD. SB 145-54-0010	414/424	DET INT	54-50-00-220-809-A00	–	–	T: 4000 I: 1000	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
54-50-07 POST-MOD. SB 145-54-0010	414/424	DET INT	54-50-00-220-809-A01	–	–	T: 5000 I: 5000	–	–	–
55-10-01	333/334	DET EXT	55-10-00-220-823-A00	T: – I: 7120	T: – I: 7120	–	–	–	–
55-10-01	333/334	DET EXT	55-10-00-220-828-A00	–	–	–	T: 17617 I: 2599	T: 17617 I: 2599	T: 17617 I: 2599
55-10-01	333/334	DET EXT	55-10-00-220-834-A00	–	–	T: 30000 I: 6226	–	–	–
55-10-02	333/334	DET EXT	55-10-00-220-811-A00	T: – I: 7120	T: – I: 7120	–	–	–	–
55-10-02	333/334	DET EXT	55-10-00-220-818-A00	–	–	–	T: 17617 I: 2599	T: 17617 I: 2599	T: 17617 I: 2599
55-10-02	333/334	DET EXT	55-10-00-220-832-A00	–	–	T: 30000 I: 6226	–	–	–
55-10-04 PRE-MOD. SB 145-55-00005	333/334	DET INT	55-10-00-220-C06-A00	T: – I: 21460	–	–	–	–	–
55-10-04 POST-MOD. SB 145-55-00005	333/334	DET INT	55-10-00-220-C06-A00	T: – I: 29783	–	–	–	–	–
55-10-04	333/334	DET INT	55-10-00-220-C06-A00	–	T: – I: 21460	T: 30000 I: 20590	T: – I: 12751	T: – I: 12751	T: – I: 12751
55-10-05 PRE-MOD. SB 145-55-00005	333/334	DET INT	55-10-00-220-C01-A00	T: – I: 21460	–	–	–	–	–
55-10-05 POST-MOD. SB 145-55-00005	333/334	DET INT	55-10-00-220-C01-A00	T: – I: 29783	–	–	–	–	–
55-10-05	333/334	DET INT	55-10-00-220-C01-A00	–	T: – I: 21460	T: 30000 I: 20590	T: – I: 12751	T: – I: 12751	T: – I: 12751
55-10-06	333/334	DET EXT	55-10-00-220-829-A00	–	–	–	T: 17617 I: 2599	T: 17617 I: 2599	T: 17617 I: 2599

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
55-10-06	333/334	DET EXT	55-10-00-220-824-A00	–	–	T: 30000 I: 11607	–	–	–
55-10-09	333/334	DET INT	55-10-00-220-C04-A00	T: – I: 27982	T: – I: 27982	T: 17000 I: 15444	–	–	–
55-10-11	333/334	DET INT	55-10-00-220-812-A00	T: – I: 27982	T: – I: 27982	–	–	–	–
55-10-11	333/334	DET INT	55-10-00-220-836-A00	–	–	T: 17000 I: 15444	–	–	–
55-10-12	333/334	DET INT	55-10-00-220-803-A00	T: – I: 27982	T: – I: 27982	–	–	–	–
55-10-12	333/334	DET INT	55-10-00-220-838-A00	–	–	T: 17000 I: 15444	–	–	–
55-10-13	333/334	DET INT	55-10-00-220-C05-A00	T: – I: 9635	T: – I: 9635	T: 30000 I: 23333	T: – I: 9635	T: – I: 9635	T: – I: 9635
55-10-15	333/334	DET EXT	55-10-00-220-801-A00	T: – I: 9635	T: – I: 9635	–	T: – I: 9635	T: – I: 9635	T: – I: 9635
55-10-15	333/334	DET EXT	55-10-00-220-830-A00	–	–	T: 21500 I: 16000	–	–	–
55-10-16 PRE-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-806-A00	T: – I: 4227	–	–	–	–	–
55-10-16 POST-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-806-A01	T: – I: 13214	–	–	–	–	–
55-10-16	337	DET INT	55-10-00-220-831-A00	–	T: – I: 9342	–	–	–	–
55-10-16	337	DET INT	55-10-00-220-819-A00	–	–	–	T: – I: 3658	T: – I: 3658	T: – I: 3658
55-10-16	337	DET INT	55-10-00-220-825-A00	–	–	T: 4033 I: 2532	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
55-10-17 PRE-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-804-A00	T: – I: 21460	–	–	–	–	–
55-10-17 POST-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-804-A00	T: – I: 29783	–	–	–	–	–
55-10-17	337	DET INT	55-10-00-220-804-A00	–	T: – I: 20590	T: 30000 I: 20590	T: – I: 12751	T: – I: 12751	T: – I: 12751
55-10-18 PRE-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-816-A00	T: – I: 1702	–	–	–	–	–
55-10-18 POST-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-816-A01	T: – I: 14264	–	–	–	–	–
55-10-18	337	DET INT	55-10-00-220-817-A00	–	T: – I: 10130	–	–	–	–
55-10-18	337	DET INT	55-10-00-220-820-A00	–	–	–	T: – I: 3658	T: – I: 3658	T: – I: 3658
55-10-18	337	DET INT	55-10-00-220-826-A00	–	–	T: 4033 I: 2532	–	–	–
55-10-19 PRE-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-807-A00	T: – I: 1702	–	–	–	–	–
55-10-19 POST-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-807-A01	T: – I: 14264	–	–	–	–	–
55-10-19	337	DET INT	55-10-00-220-808-A00	–	T: – I: 10130	–	–	–	–
55-10-19	337	DET INT	55-10-00-220-821-A00	–	–	–	T: – I: 3658	T: – I: 3658	T: – I: 3658
55-10-19	337	DET INT	55-10-00-220-827-A00	–	–	T: 4033 I: 2532	–	–	–
55-10-20 PRE-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-809-A00	T: – I: 1702	–	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
55-10-20 POST-MOD. SB 145-55-0005	337	DET INT	55-10-00-220-809-A01	T: – I: 14264	–	–	–	–	–
55-10-20	337	DET INT	55-10-00-220-810-A00	–	T: – I: 10130	–	–	–	–
55-10-20	337	DET INT	55-10-00-220-822-A00	–	–	–	T: – I: 3658	T: – I: 3658	T: – I: 3658
55-10-20	337	DET INT	55-10-00-220-833-A00	–	–	T: 4033 I: 2532	–	–	–
55-10-21	337	GVI EXT	55-10-00-210-803-A00	T: – I: 2500	T: – I: 2500	–	T: – I: 2500	T: – I: 2500	T: – I: 2500
55-10-21 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	337	DET EXT	55-10-00-220-802-A00	–	T: – I: 12463	–	–	–	–
55-10-21	337	SDE EXT	55-10-00-250-801-A00	T: – I: 29600	–	–	T: – I: 29600	T: – I: 29600	T: – I: 29600
55-10-21 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	337	SDE EXT	55-10-00-250-803-A00	–	T: – I: 29600	–	–	–	–
55-10-21 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	337	SDE EXT	55-10-00-250-803-A01	–	T: – I: 19811	–	–	–	–
55-10-21	337	SDE EXT	55-10-00-250-804-A00	–	–	T: 30000 I: 29600	–	–	–
55-10-24	337	SDE EXT	55-10-00-240-801-A00	T: – I: 17598	–	–	T: – I: 17598	T: – I: 17598	T: – I: 17598

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
55-10-24 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	337	SDE EXT	55-10-00-240-802-A00	–	T: – I: 17598	–	–	–	–
55-10-24 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	337	SDE EXT	55-10-00-240-802-A01	–	T: – I: 11723	–	–	–	–
55-10-24	337	SDE EXT	55-10-00-240-803-A00	–	–	T: 30000 I: 17598	–	–	–
55-10-24	337	GVI INT	55-10-00-210-804-A00	T: – I: 2500	T: – I: 2500	–	T: – I: 2500	T: – I: 2500	T: – I: 2500
55-30-38	324	GVI EXT	55-30-00-210-C01-A00	T: – I: 27284	T: – I: 27284	–	T: – I: 27284	T: – I: 27284	T: – I: 27284
55-30-39	325	GVI EXT	55-30-00-210-C02-A00	T: – I: 27284	T: – I: 27284	–	T: – I: 27284	T: – I: 27284	T: – I: 27284
55-30-54	325	DET INT	55-30-00-220-824-A00	–	–	T: 30000 I: 8003	–	–	–
55-30-55	325	DET INT	55-30-00-220-825-A00	–	–	T: 30000 I: 8003	–	–	–
55-30-56	325	DET INT	55-30-00-220-826-A00	–	–	T: 30000 I: 8003	–	–	–
55-30-57	324	DET INT	55-30-00-220-827-A00	–	–	T: 30000 I: 8003	–	–	–
55-30-58	324	DET INT	55-30-00-220-828-A00	–	–	T: 30000 I: 8003	–	–	–
55-30-59	324	DET INT	55-30-00-220-829-A00	–	–	T: 30000 I: 8003	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
55-30-60	325	DET INT	55-30-00-220-830-A00	–	–	T: 30000 I: 8003	–	–	–
55-30-61	325	DET INT	55-30-00-220-831-A00	–	–	T: 30000 I: 8003	–	–	–
55-30-62	325	DET INT	55-30-00-220-832-A00	–	–	T: 30000 I: 8003	–	–	–
55-30-63	325	DET INT	55-30-00-220-843-A00	–	–	T: 30000 I: 11944	–	–	–
55-30-68	324	DET INT	55-30-00-220-823-A00	–	–	T: 30000 I: 11944	–	–	–
55-30-76	325	SDE EXT	55-30-00-250-801-A00	–	–	T: 30000 I: 29600	T: 30000 I: 29600	T: 30000 I: 29600	T: 30000 I: 29600
55-30-76	325	SDE EXT	55-30-00-250-803-A00	T: 30000 I: 29600	–	–	–	–	–
55-30-76 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	325	SDE EXT	55-30-00-250-802-A00	–	T: 30000 I: 29600	–	–	–	–
55-30-76 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	325	SDE EXT	55-30-00-250-802-A01	–	T: 27000 I: 19811	–	–	–	–
55-30-76	325	DET INT	55-30-00-220-805-A00	–	–	T: 30000 I: 5574	T: 30000 I: 5574	T: 30000 I: 5574	T: 30000 I: 5574
55-30-76	325	DET INT	55-30-00-220-840-A00	T: 30000 I: 5574	–	–	–	–	–
55-30-76 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	325	DET INT	55-30-00-220-833-A00	–	T: 30000 I: 5574	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
55-30-76 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	325	DET INT	55-30-00-220-833-A01	–	T: 27000 I: 4591	–	–	–	–
57-10-01	155/156/ 157	DET EXT	57-10-00-220-801-A00	T: – I: 4382	–	–	T: – I: 4382	T: – I: 4382	T: – I: 4382
57-10-01 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET EXT	57-10-00-220-822-A00	–	T: – I: 4417	–	–	–	–
57-10-01 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET EXT	57-10-00-220-822-A01	–	T: – I: 3,825	–	–	–	–
57-10-01	155/156/ 157	DET EXT	57-10-00-220-823-A00	–	–	T: 26610 I: 6596	–	–	–
57-10-01	155/156/ 157	DET INT	57-10-00-220-802-A00	–	–	T: 26610 I: 6596	–	–	–
57-10-02	155/156/ 157	DET EXT	57-10-00-220-806-A00	T: – I: 9047	T: – I: 9047	–	T: – I: 9047	T: – I: 9047	T: – I: 9047
57-10-02	155/156/ 157	DET EXT	57-10-00-220-824-A00	–	–	T: – I: 4271	–	–	–
57-10-02	155/156/ 157	DET INT	57-10-00-220-825-A00	–	–	T: – I: 4271	–	–	–
57-10-03	155/156/ 157	DET EXT	57-10-00-220-826-A00	T: – I: 4179	–	–	T: – I: 4179	T: – I: 4179	T: – I: 4179
57-10-03 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET EXT	57-10-00-220-807-A00	–	T: – I: 5700	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-10-03 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET EXT	57-10-00-220-807-A01	–	T: – I: 5049	–	–	–	–
57-10-03	155/156/ 157	DET EXT	57-10-00-220-829-A00	–	–	T: 12053 I: 7144	–	–	–
57-10-03	155/156/ 157	DET INT	57-10-00-220-817-A00	T: – I: 4179	–	–	T: – I: 4179	T: – I: 4179	T: – I: 4179
57-10-03 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET INT	57-10-00-220-809-A00	–	T: – I: 5700	–	–	–	–
57-10-03 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET INT	57-10-00-220-809-A01	–	T: – I: 5049	–	–	–	–
57-10-03	155/156/ 157	DET INT	57-10-00-220-830-A00	–	–	T: 12053 I: 7144	–	–	–
57-10-04	155/156/ 157	DET INT	57-10-00-220-C03-A00	T: – I: 24258	T: – I: 24258	–	T: – I: 24258	T: – I: 24258	T: – I: 24258
57-10-05	155/156/ 157	DET EXT	57-10-00-220-827-A00	T: – I: 4179	–	–	T: – I: 4179	T: – I: 4179	T: – I: 4179
57-10-05 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET EXT	57-10-00-220-803-A00	–	T: – I: 5700	–	–	–	–
57-10-05 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET EXT	57-10-00-220-803-A01	–	T: – I: 5049	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-10-05	155/156/ 157	DET EXT	57-10-00-220-828-A00	–	–	T: 12053 I: 7144	–	–	–
57-10-05	155/156/ 157	DET INT	57-10-00-220-816-A00	T: – I: 4179	–	–	T: – I: 4179	T: – I: 4179	T: – I: 4179
57-10-05 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET INT	57-10-00-220-810-A00	–	T: – I: 5700	–	–	–	–
57-10-05 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET INT	57-10-00-220-810-A01	–	T: – I: 5049	–	–	–	–
57-10-05	155/156/ 157	DET INT	57-10-00-220-831-A00	–	–	T: 12053 I: 7144	–	–	–
57-10-06	155/156/ 157	DET EXT	57-10-00-220-808-A00	T: 20000 I: 5852	–	–	–	–	–
57-10-06 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET EXT	57-10-00-220-833-A00	–	T: 23000 I: 9583	–	–	–	–
57-10-06 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET EXT	57-10-00-220-833-A01	–	T: 22000 I: 8759	–	–	–	–
57-10-06	155/156/ 157	DET EXT	57-10-00-220-820-A00	–	–	T: 8276 I: 5091	–	–	–
57-10-06	155/156/ 157	DET EXT	57-10-00-220-835-A00	–	–	–	T: 30000 I: 5852	T: 30000 I: 5852	T: 30000 I: 5852

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-10-06	155/156/ 157	DET INT	57-10-00-220-811-A00	T: 20000 I: 5852	–	–	–	–	–
57-10-06 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET INT	57-10-00-220-813-A00	–	T: 23000 I: 9583	–	–	–	–
57-10-06 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET INT	57-10-00-220-813-A01	–	T: 22000 I: 8759	–	–	–	–
57-10-06	155/156/ 157	DET INT	57-10-00-220-818-A00	–	–	–	–	T: 30000 I: 5852	T: 30000 I: 5852
57-10-06	155/156/ 157	DET INT	57-10-00-220-821-A00	–	–	T: 8276 I: 5091	–	–	–
57-10-06	155/156/ 157	DET INT	57-10-00-220-836-A00	–	–	–	T: 30000 I: 5852	–	–
57-10-07	155/156/ 157	DET INT	57-10-00-220-C14-A00	T: – I: 26689	T: – I: 26689	–	T: – I: 26689	T: – I: 26689	T: – I: 26689
57-10-08	155/156	DET INT	57-10-00-220-812-A00	T: – I: 5852	–	–	T: – I: 5852	–	–
57-10-08 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET INT	57-10-00-220-814-A00	–	T: – I: 9583	–	–	–	–
57-10-08 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET INT	57-10-00-220-814-A01	–	T: – I: 8759	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-10-08	155/156/ 157	DET INT	57-10-00-220-819-A00	–	–	–	–	T: – I: 5852	T: – I: 5852
57-10-08	155/156/ 157	DET INT	57-10-00-220-832-A00	–	–	T: 8276 I: 5091	–	–	–
57-10-11 PRE-MOD. SB 145-57-0047	155/156/ 157	SDE EXT	57-10-00-250-801-A00	T: 23600 I: 9569	T: 23600 I: 9569	T: 23600 I: 9569	T: 23600 I: 9569	T: 23600 I: 9569	T: 23600 I: 9569
57-10-11 POST-MOD. SB 145-57-0047	155/156/ 157	SDE EXT	57-10-00-250-801-A01	T: – I: 24000	T: – I: 24000	T: – I: 24000	T: – I: 24000	T: – I: 24000	T: – I: 24000
57-11-15	155/156	DET EXT	57-11-00-220-830-A00	–	–	T: 30000 I: 10918	–	–	–
57-11-17	155/156	SDE EXT	57-11-00-250-801-A00	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000
57-11-18	155/156/ 157	DET EXT	57-11-00-220-808-A00	T: 30000 I: 5617	–	–	–	–	–
57-11-18	155/156/ 157	DET EXT	57-11-00-220-838-A00	–	–	–	T: 30000 I: 5617	T: 30000 I: 5617	T: 30000 I: 5617
57-11-18 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET EXT	57-11-00-220-831-A00	–	T: 30000 I: 11319	–	–	–	–
57-11-18 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET EXT	57-11-00-220-831-A00	–	T: 30000 I: 10976	–	–	–	–
57-11-18	155/156/ 157	DET EXT	57-11-00-220-836-A00	–	–	T: 30000 I: 10918	–	–	–
57-11-18	155/156	DET INT	57-11-00-220-826-A00	–	–	–	T: 30000 I: 5617	T: 30000 I: 5617	T: 30000 I: 5617

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-11-18	155/156	DET INT	57-11-00-220-842-A00	T: 30000 I: 5617	–	–	–	–	–
57-11-18 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET INT	57-11-00-220-814-A00	–	T: 30000 I: 11319	–	–	–	–
57-11-18 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET INT	57-11-00-220-814-A00	–	T: 30000 I: 10976	–	–	–	–
57-11-18	155/156/15 7	DET INT	57-11-00-220-837-A00	–	–	T: 30000 I: 10918	–	–	–
57-11-20	155/156/ 157	DET EXT	57-11-00-220-820-A00	–	–	T: 30000 I: 14324	T: 30000 I: 9047	T: 30000 I: 9047	T: 30000 I: 9047
57-11-20	155/156/ 157	DET EXT	57-11-00-220-846-A00	T: 30000 I: 9047	T: 30000 I: 16118	–	–	–	–
57-11-20	155/156	DET INT	57-11-00-220-827-A00	–	–	–	T: 30000 I: 9047	–	–
57-11-20	155/156	DET INT	57-11-00-220-848-A00	T: 30000 I: 9047	–	–	–	–	–
57-11-20	155/156/ 157	DET INT	57-11-00-220-816-A00	–	–	T: 30000 I: 14324	–	T: 30000 I: 9047	T: 30000 I: 9047
57-11-20	155/156/ 157	DET INT	57-11-00-220-847-A00	–	T: 30000 I: 16118	–	–	–	–
57-11-22	155/156/ 157	DET EXT	57-11-00-220-818-A00	–	–	–	T: 30000 I: 10227	T: 30000 I: 10227	T: 30000 I: 10227
57-11-22	155/156/ 157	DET EXT	57-11-00-220-853-A00	T: 30000 I: 10527	T: 30000 I: 10227	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-11-22	155/156/ 157	DET EXT	57-11-00-220-832-A00	–	–	T: 30000 I: 9238	–	–	–
57-11-23	155/156/ 157	DET EXT	57-11-00-220-833-A00	–	–	–	T: 30000 I: 9388	T: 30000 I: 9388	T: 30000 I: 9388
57-11-23	155/156/ 157	DET EXT	57-11-00-220-855-A00	T: 30000 I: 9388	–	–	–	–	–
57-11-23	155/156/ 157	DET EXT	57-11-00-220-805-A00	–	–	T: 26273 I: 10333	–	–	–
57-11-23 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET EXT	57-11-00-220-854-A00	–	T: 30000 I: 10778	–	–	–	–
57-11-23 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET EXT	57-11-00-220-854-A00	–	T: 30000 I: 10021	–	–	–	–
57-11-23	155/156/ 157	DET INT	57-11-00-220-829-A00	–	–	–	T: 30000 I: 9388	T: 30000 I: 9388	T: 30000 I: 9388
57-11-23	155/156/ 157	DET INT	57-11-00-220-857-A00	T: 30000 I: 9388	–	–	–	–	–
57-11-23	155/156/ 157	DET INT	57-11-00-220-821-A00	–	–	T: 26273 I: 10333	–	–	–
57-11-23 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET INT	57-11-00-220-856-A00	–	T: 30000 I: 10778	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-11-23 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET INT	57-11-00-220-856-A00	–	T: 30000 I: 10021	–	–	–	–
57-11-24	155/156/ 157	DET EXT	57-11-00-220-834-A00	–	–	–	T: 30000 I: 9047	T: 30000 I: 9047	T: 30000 I: 9047
57-11-24	155/156/ 157	DET EXT	57-11-00-220-859-A00	T: 30000 I: 9047	–	–	–	–	–
57-11-24	155/156/ 157	DET EXT	57-11-00-220-819-A00	–	–	T: 30000 I: 14324	–	–	–
57-11-24 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET EXT	57-11-00-220-858-A00	–	T: 30000 I: 16118	–	–	–	–
57-11-24 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET EXT	57-11-00-220-858-A00	–	T: 30000 I: 14675	–	–	–	–
57-11-24	155/156/ 157	DET INT	57-11-00-220-835-A00	–	–	–	T: 30000 I: 9047	T: 30000 I: 9047	T: 30000 I: 9047
57-11-24	155/156/ 157	DET INT	57-11-00-220-861-A00	T: 30000 I: 9047	–	–	–	–	–
57-11-24	155/156/ 157	DET INT	57-11-00-220-810-A00	–	–	T: 30000 I: 14324	–	–	–
57-11-24 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	155/156/ 157	DET INT	57-11-00-220-860-A00	–	T: 30000 I: 16118	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-11-24 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	155/156/ 157	DET INT	57-11-00-220-860-A00	–	T: 30000 I: 14675	–	–	–	–
57-21-26	532/632	DET EXT	57-21-00-220-810-A00	–	–	T: 30000 I: 6894	–	–	–
57-21-26	551/651	GVI EXT	57-21-00-210-826-A00	T: – I: 12888	–	–	–	–	–
57-21-26	551/651	GVI EXT	57-21-00-210-827-A00	–	–	–	T: – I: 18298	T: – I: 18298	T: – I: 18298
57-21-26 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	551/651	GVI EXT	57-21-00-210-829-A00	–	T: – I: 18298	–	–	–	–
57-21-26 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	551/651	DET EXT	57-21-00-220-821-A00	–	T: – I: 11560	–	–	–	–
57-21-26	551/651	DET EXT	57-21-00-220-C02-A00	–	–	T: 30000 I: 27675	–	–	–
57-21-29	531/631	SDE EXT	57-21-00-250-802-A00	T: – I: 17395	–	–	T: – I: 17395	T: – I: 17395	T: – I: 17395
57-21-29 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	531/631	SDE EXT	57-21-00-250-803-A00	–	T: – I: 17395	–	–	–	–
57-21-29 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	531/631	SDE EXT	57-21-00-250-803-A01	–	T: – I: 11192	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-21-29	531/631	SDE EXT	57-21-00-250-801-A00	–	–	T: – I: 30000	–	–	–
57-21-30	532/632	GVI EXT	57-21-00-210-814-A00	T: – I: 10308	T: – I: 10693	T: 30000 I: 6420	T: – I: 10693	T: – I: 10693	T: – I: 10693
57-21-30	532/632	GVI INT	57-21-00-210-C07-A00	T: – I: 10308	T: – I: 10693	–	T: – I: 10693	T: – I: 10693	T: – I: 10693
57-21-30	532/632	GVI INT	57-21-00-210-823-A00	–	–	T: 30000 I: 6420	–	–	–
57-21-30	551/651	GVI EXT	57-21-00-210-C19-A00	T: – I: 14712	–	–	–	–	–
57-21-31	532/632	GVI EXT	57-21-00-210-815-A00	–	T: – I: 19108	–	T: – I: 19108	T: – I: 19108	T: – I: 19108
57-21-31	532/632	GVI INT	57-21-00-210-C08-A00	–	T: – I: 19108	–	T: – I: 19108	T: – I: 19108	T: – I: 19108
57-21-32	532/632	GVI EXT	57-21-00-210-828-A00	T: – I: 18519	–	–	T: – I: 18519	T: – I: 18519	T: – I: 18519
57-21-32 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	GVI EXT	57-21-00-210-828-A00	–	T: – I: 28031	–	–	–	–
57-21-32	551/651	GVI EXT	57-21-00-210-833-A00	T: – I: 14712	T: – I: 13497	–	T: – I: 13497	T: – I: 13497	T: – I: 13497
57-21-32	551/651	DET EXT	57-21-00-220-818-A00	–	–	T: – I: 3335	–	–	–
57-21-33	541/641	GVI EXT	57-21-00-210-834-A00	T: – I: 14712	T: – I: 13497	–	T: – I: 13497	T: – I: 13497	T: – I: 13497



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-21-33	541/641	DET EXT	57-21-00-220-816-A00	–	–	T: 30000 I: 3335	–	–	–
57-21-34	551/651	GVI EXT	57-21-00-210-807-A00	T: – I: 14712	T: – I: 13497	–	T: – I: 13497	T: – I: 13497	T: – I: 13497
57-21-34	551/651	DET EXT	57-21-00-220-817-A00	–	–	T: 30000 I: 3335	–	–	–
57-21-36	531/631 541/641	GVI EXT	57-21-00-210-801-A00	T: – I: 8099	T: – I: 8444	–	T: – I: 8160	T: – I: 8160	T: – I: 8160
57-21-36	531/631 541/641	GVI INT	57-21-00-210-803-A00	–	–	–	T: 30000 I: 8160	T: 30000 I: 8160	T: 30000 I: 8160
57-21-36	531/631 541/641	GVI INT	57-21-00-210-830-A00	T: 30000 I: 8099	T: 30000 I: 8444	–	–	–	–
57-21-36	551/651	DET EXT	57-21-00-220-815-A00	T: – I: 8099	T: – I: 8444	–	T: – I: 8160	T: – I: 8160	T: – I: 8160
57-21-36	551/651	DET EXT	57-21-00-220-808-A00	–	–	T: – I: 3335	–	–	–
57-21-36	551/651	DET INT	57-21-00-220-814-A00	T: 30000 I: 8099	–	–	–	–	–
57-21-36	551/651	DET INT	57-21-00-220-819-A00	–	T: 30000 I: 8444	–	–	–	–
57-21-36	551/651	DET INT	57-21-00-220-820-A00	–	–	–	T: 30000 I: 8160	T: 30000 I: 8160	T: 30000 I: 8160
57-21-36	551/651	DET INT	57-21-00-220-807-A00	–	–	T: 30000 I: 3335	–	–	–
57-21-37	532/632	GVI EXT	57-21-00-210-816-A00	T: 12000 I: 4699	T: 12000 I: 3700	–	T: 12000 I: 3700	T: 12000 I: 3700	T: 12000 I: 3700
57-21-37	532-632	GVI EXT	57-21-00-210-822-A00	–	–	T: 21052 I: 10342	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-22-40	531/631 541/641 551/651	DET INT	57-22-00-220-C01-A00	T: – I: 20146	T: – I: 20388	–	–	–	–
57-22-40	531/631 541/641 551/651	DET INT	57-22-00-220-C03-A00	–	–	–	T: 30000 I: 7284	T: 30000 I: 7284	T: 30000 I: 7284
57-22-41	531/631 541/641 551/651	GVI INT	57-22-00-210-806-A00	T: 30000 I: 13491	T: 30000 I: 13913	–	–	–	–
57-22-41	531/631 541/641 551/651	GVI INT	57-22-00-210-805-A00	–	–	–	T: 30000 I: 8736	T: 30000 I: 8736	T: 30000 I: 8736
57-22-42	551/651	SDE EXT	57-22-00-250-801-A00	T: – I: 23895	–	–	–	–	–
57-22-42	551/651	SDE EXT	57-22-00-250-803-A00	–	T: – I: 16279	–	T: – I: 16279	T: – I: 16279	T: – I: 16279
57-22-42	551/651	SDE EXT	57-22-00-250-805-A00	–	–	T: 30000 I: 16279	–	–	–
57-22-43	531/631 541/641 551/651	DET EXT	57-22-00-220-808-A00	T: – I: 13491	T: – I: 13913	–	T: – I: 13491	T: – I: 13491	T: – I: 13491
57-23-45	531/631 541/641	DET INT	57-23-00-220-806-A00	T: 30000 I: 12223	–	–	–	–	–
57-23-45	551/651	DET INT	57-23-00-220-805-A00	T: – I: 12223	–	–	–	–	–
57-23-46	531/631	GVI INT	57-23-00-210-802-A00	–	–	–	T: 30000 I: 19374	T: 30000 I: 19374	T: 30000 I: 19374

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-23-46	531/631 541/641	GVI INT	57-23-00-210-805-A00	T: 30000 I: 14489	T: 30000 I: 12574	–	–	–	–
57-23-46	531/631 541/641	GVI INT	57-23-00-210-803-A00	–	–	T: 20000 I: 21665	–	–	–
57-23-46	541/641	GVI INT	57-23-00-210-802-A00	–	–	–	T: 30000 I: 12574	T: 30000 I: 12574	T: 30000 I: 12574
57-23-46	551/651	GVI INT	57-23-00-210-804-A00	–	–	T: 20000 I: 21468	–	–	–
57-23-47	551/651	GVI INT	57-23-00-220-804-A00	–	–	T: 30000 I: 21468	–	–	–
57-24-49	532/632	GVI EXT	57-24-00-210-C02-A00	T: – I: 14101	–	–	T: – I: 26921	T: – I: 26921	T: – I: 26921
57-24-49 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	532/632	GVI EXT	57-24-00-210-C02-A00	–	T: – I: 26921	–	–	–	–
57-24-49 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	GVI EXT	57-24-00-210-C02-A00	–	T: – I: 13960	–	–	–	–
57-24-49	532/632	GVI INT	57-24-00-210-C03-A00	T: – I: 14101	–	–	–	–	–
57-24-49 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	532/632	GVI INT	57-24-00-210-C03-A00	–	T: – I: 26921	–	–	–	–
57-24-49 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	GVI INT	57-24-00-210-C03-A00	–	T: – I: 13960	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-24-50	532/632	GVI INT	57-24-00-210-801-A00	–	–	–	T: 30000 I: 14101	T: 30000 I: 14101	T: 30000 I: 14101
57-24-50	532/632	GVI INT	57-24-00-210-803-A00	T: 30000 I: 14101	–	–	–	–	–
57-24-50 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	532/632	GVI INT	57-24-00-210-803-A00	–	T: 30000 I: 26921	–	–	–	–
57-24-50 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	GVI INT	57-24-00-210-803-A00	–	T: 30000 I: 13960	–	–	–	–
57-24-51	532/632	GVI EXT	57-24-00-210-C04-A00	T: – I: 14101	–	–	T: – I: 26921	T: – I: 26921	T: – I: 26921
57-24-51 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	532/632	GVI EXT	57-24-00-210-C04-A00	–	T: – I: 26921	–	–	–	–
57-24-51 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	GVI EXT	57-24-00-210-C04-A00	–	T: – I: 13960	–	–	–	–
57-24-51	532/632	GVI INT	57-24-00-210-C05-A00	T: – I: 14101	–	–	–	–	–
57-24-51 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	532/632	GVI INT	57-24-00-210-C05-A00	–	T: – I: 26921	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-24-51 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	GVI INT	57-24-00-210-C05-A00	–	T: – I: 13960	–	–	–	–
57-24-52	532/632	GVI EXT	57-24-00-210-802-A00	T: – I: 6020	T: – I: 17350	–	T: – I: 17350	T: – I: 17350	T: – I: 17350
57-24-52	532/632	GVI EXT	57-24-00-210-804-A00	–	–	T: 30000 I: 6020	–	–	–
57-25-53	531/631	GVI INT	57-25-00-210-C03-A00	T: – I: 23408	T: – I: 23328	–	T: – I: 23328	T: – I: 23328	T: – I: 23328
57-25-53	541/641	GVI INT	57-25-00-210-C03-A00	T: – I: 21170	–	–	–	–	–
57-25-53	551/651	DET INT	57-25-00-220-C02-A00	–	–	T: 30000 I: 27675	–	–	–
57-25-54	551/651	DET EXT	57-25-00-220-C03-A00	–	–	T: 30000 I: 27675	–	–	–
57-25-54	551/651	GVI INT	57-25-00-210-C04-A00	–	–	T: 30000 I: 27675	–	–	–
57-26-56	532/632	SDE EXT	57-26-00-250-809-A00	T: – I: 30000	–	–	–	–	–
57-26-56	532/632	SDE EXT	57-26-00-250-817-A00	–	–	T: 20064 I: 16399	–	–	–
57-26-56	532/632	SDE EXT	57-26-00-250-802-A00	–	T: – I: 16399	–	T: – I: 16399	T: – I: 16399	T: – I: 16399
57-26-94	532/632	SDE EXT	57-26-00-250-803-A00	T: – I: 12751	–	–	–	–	–
57-26-94 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	532/632	SDE EXT	57-26-00-250-812-A00	–	T: – I: 12751	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-26-94 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	SDE EXT	57-26-00-250-812-A01	–	T: – I: 21620	–	–	–	–
57-26-94	532/632	SDE EXT	57-26-00-250-810-A00	–	–	–	T: – I: 30000	T: – I: 30000	T: – I: 30000
57-26-94	532/632	SDE EXT	57-26-00-250-806-A00	–	–	T: 27646 I: 22921	–	–	–
57-26-95 Applicable only to trunnion P/N 145-67014-001/002 003/004/005/006/007/008	532/632	SDE EXT	57-26-00-250-804-A00	–	–	–	T: 17800 I: 16459	T: 17800 I: 16459	T: 17800 I: 16459
57-26-95 Applicable only to trunnion P/N 145-67014-001/002 003/004/005/006/007/008	532/632	SDE EXT	57-26-00-250-815-A00	T: 17800 I: 16459	–	–	–	–	–
57-26-95 Applicable only to trunnion P/N 145-67014-001/002 003/004/005/006/007/008; PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	532/632	SDE EXT	57-26-00-250-813-A00	–	T: 17800 I: 16459	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-26-95 Applicable only to trunnion P/N 145-67014-001/002 003/004/005/006/007/008 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	SDE EXT	57-26-00-250-813-A01	–	T: 12985 I: 11927	–	–	–	–
57-26-95 Applicable only to trunnion P/N 145-67014-011/012	532/632	SDE EXT	57-26-00-250-804-A01	–	–	–	T: 11000 I: 10413	T: 11000 I: 10413	T: 11000 I: 10413
57-26-95 Applicable only to trunnion P/N 145-67014-011/012	532/632	SDE EXT	57-26-00-250-815-A01	T: 11000 I: 10413	–	–	–	–	–
57-26-95 Applicable only to trunnion P/N 145-67014-011/012; PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	532/632	SDE EXT	57-26-00-250-813-A02	–	T: 11000 I: 10413	–	–	–	–
57-26-95 Applicable only to trunnion P/N 145-67014-011/012 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	SDE EXT	57-26-00-250-813-A03	–	T: 6564 I: 6179	–	–	–	–
57-26-95 Applicable only to trunnion P/N 145-67014-009/010/ 013/014	532/632	SDE EXT	57-26-00-250-804-A02	–	–	–	T: 22200 I: 20000	T: 22200 I: 20000	T: 22200 I: 20000

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-26-95 Applicable only to trunnion P/N145-67014-009/010/ 013/014	532/632	SDE EXT	57-26-00-250-815-A02	T: 22200 I: 20000	–	–	–	–	–
57-26-95 Applicable only to trunnion P/N145-67014-009/010/ 013/014; PRE-MOD. SB 145- 00-0032 or aircraft not affected by SB 145-00-0032	532/632	SDE EXT	57-26-00-250-813-A04	–	T: 22200 I: 20000	–	–	–	–
57-26-95 Applicable only to trunnion P/N145-67014-009/010/ 013/014 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	SDE EXT	57-26-00-250-813-A05	–	T: 16936 I: 15409	–	–	–	–
57-26-95	532/632	SDE EXT	57-26-00-250-807-A00	–	–	T: – I: 30000	–	–	–
57-26-96	532/632	SDE EXT	57-26-00-250-805-A00	–	–	–	T: 30000 I: 20000	T: 30000 I: 20000	T: 30000 I: 20000
57-26-96	532/632	SDE EXT	57-26-00-250-816-A00	T: 30000 I: 20000	–	–	–	–	–
57-26-96 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	532/632	SDE EXT	57-26-00-250-814-A00	–	T: 30000 I: 20000	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-26-96 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	532/632	SDE EXT	57-26-00-250-814-A01	–	T: 26000 I: 21620	–	–	–	–
57-26-96	532/632	SDE EXT	57-26-00-250-811-A00	–	–	T: 20000 I: 22921	–	–	–
57-28-57	532/632	SDE EXT	57-28-00-250-803-A00	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000
57-28-57	532/632	SDE INT	57-28-00-250-804-A00	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000	T: – I: 30000
57-28-57	541/641	GVI EXT	57-28-00-210-C02-A00	T: – I: 11182	T: – I: 11182	T: 30000 I: 11182	T: – I: 11182	T: – I: 11182	T: – I: 11182
57-28-58	532/632	GVI EXT	57-28-00-210-C15-A00	T: – I: 19528	T: – I: 19468	T: 30000 I: 19528	T: – I: 19468	T: – I: 19468	T: – I: 19468
57-28-58	532/632	GVI INT	57-28-00-210-C13-A00	T: – I: 19528	T: – I: 19468	T: 30000 I: 19528	T: – I: 19468	T: – I: 19468	T: – I: 19468
57-28-58	541/641	GVI EXT	57-28-00-210-804-A00	T: – I: 5445	T: – I: 5445	–	T: – I: 5445	T: – I: 5445	T: – I: 5445
57-28-58	541/641	DET EXT	57-28-00-220-812-A00	–	–	T: 25395 I: 5445	–	–	–
57-28-59	532/632 541/641 551/651	SDE EXT	57-28-00-250-805-A00	T: – I: 22633	T: – I: 22633	–	T: – I: 22633	T: – I: 22633	T: – I: 22633
57-28-59	532/632 551/651	SDE EXT	57-28-00-250-809-A00	–	–	T: 30000 I: 22633	–	–	–
57-28-59	541/641	SDE EXT	57-28-00-250-810-A00	–	–	T: 23327 I: 22633	–	–	–
57-28-60	532/632	SDE EXT	57-28-00-250-806-A00	T: – I: 15824	T: – I: 15824	–	T: – I: 15824	T: – I: 15824	T: – I: 15824

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-28-60	532/632	SDE EXT	57-28-00-250-811-A00	–	–	T: 30000 I: 15824	–	–	–
57-28-60	532/632	SDE INT	57-28-00-250-807-A00	T: – I: 15824	T: – I: 15824	–	T: – I: 15824	T: – I: 15824	T: – I: 15824
57-28-60	532/632	SDE INT	57-28-00-250-812-A00	–	–	T: 30000 I: 15824	–	–	–
57-28-60	541/641	GVI EXT	57-28-00-210-803-A00	T: – I: 7229	T: – I: 7229	–	T: – I: 7229	T: – I: 7229	T: – I: 7229
57-28-60	541/641	GVI EXT	57-28-00-210-814-A00	–	–	T: 25395 I: 7229	–	–	–
57-28-61	541/641	GVI EXT	57-28-00-210-815-A00	T: – I: 5445	T: – I: 5445	–	T: – I: 5445	T: – I: 5445	T: – I: 5445
57-28-61	541/641	DET EXT	57-28-00-220-810-A00	–	–	T: 30000 I: 5445	–	–	–
57-28-63	541/641	GVI EXT	57-28-00-210-805-A00	T: – I: 11182	T: – I: 11182	–	T: – I: 11182	T: – I: 11182	T: – I: 11182
57-28-63	541/641	GVI EXT	57-28-00-210-817-A00	–	–	T: 30000 I: 11182	–	–	–
57-28-64	551/651	DET EXT	57-28-00-220-805-A00	T: – I: 6306	T: – I: 6306	–	T: – I: 6306	T: – I: 6306	T: – I: 6306
57-28-64	551/651	DET EXT	57-28-00-220-815-A00	–	–	T: 30000 I: 6306	–	–	–
57-28-64	551/651	DET INT	57-28-00-220-806-A00	T: – I: 6306	T: – I: 6306	–	T: – I: 6306	T: – I: 6306	T: – I: 6306
57-28-64	551/651	DET INT	57-28-00-220-816-A00	–	–	T: 30000 I: 6306	–	–	–
57-28-66	551/651	GVI EXT	57-28-00-210-C06-A00	T: – I: 9325	T: – I: 9325	T: 30000 I: 9325	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-28-68	541/641	GVI EXT	57-28-00-210-808-A00	T: – I: 3912	T: – I: 3912	–	T: – I: 3912	T: – I: 3912	T: – I: 3912
57-28-68	541/641	DET EXT	57-28-00-220-811-A00	–	–	T: 30000 I: 3912	–	–	–
57-28-69 PRE-MOD. SB 145-57-0008	541/641	DET EXT	57-28-00-220-807-A00	T: – I: 2000	T: – I: 2000	–	T: – I: 2000	T: – I: 2000	T: – I: 2000
57-28-69 POST-MOD. SB 145-57-0008	541/641	DET EXT	57-28-00-220-807-A01	T: – I: 3275	T: – I: 3275	–	T: – I: 3275	T: – I: 3275	T: – I: 3275
57-28-69	541/641	DET EXT	57-28-00-220-809-A00	–	–	T: 23,757 I: 3275	–	–	–
57-29-72	532/632	GVI EXT	57-29-00-210-802-A00	T: – I: 6393	T: – I: 6190	T: 10,182 I: 6420	T: – I: 6190	T: – I: 6190	T: – I: 6190
57-29-72	532/632	GVI INT	57-29-00-210-803-A00	T: – I: 6393	T: – I: 6190	T: 10,182 I: 6420	T: – I: 6190	T: – I: 6190	T: – I: 6190
57-41-94	511/611	GVI EXT	57-41-00-210-C01-A00	T: – I: 11300	–	T: – I: 13800	T: – I: 11300	T: – I: 11300	T: – I: 11300
57-41-94 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	511/611	GVI EXT	57-41-00-210-C01-A00	–	T: – I: 10900	–	–	–	–
57-41-94 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	511/611	GVI EXT	57-41-00-210-C01-A00	–	T: – I: 10233	–	–	–	–
57-41-98	511/611	DET INT	57-41-00-220-801-A00	T: – I: 13300	–	T: – I: 10700	T: – I: 13300	T: – I: 13300	T: – I: 13300

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-41-98 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	511/611	DET INT	57-41-00-220-801-A00	–	T: – I: 13200	–	–	–	–
57-41-98 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	511/611	DET INT	57-41-00-220-801-A00	–	T: – I: 12833	–	–	–	–
57-42-95	512/612	GVI EXT	57-42-00-210-C01-A00	T: – I: 11300	–	T: – I: 13800	T: – I: 11300	T: – I: 11300	T: – I: 11300
57-42-95 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	512/612	GVI EXT	57-42-00-210-C01-A00	–	T: – I: 10900	–	–	–	–
57-42-95 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	512/612	GVI EXT	57-42-00-210-C01-A00	–	T: – I: 10233	–	–	–	–
57-42-97	512/612	DET EXT	57-42-00-220-C01-A00	T: – I: 6300	–	T: – I: 7300	T: – I: 6300	T: – I: 6300	T: – I: 6300
57-42-97 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	512/612	DET EXT	57-42-00-220-C01-A00	–	T: – I: 5900	–	–	–	–
57-42-97 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	512/612	DET EXT	57-42-00-220-C01-A00	–	T: – I: 5235	–	–	–	–



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-42-98	512/612	DET INT	57-42-00-220-801-A00	T: – I: 13300	–	T: – I: 10700	T: – I: 13300	T: – I: 13300	T: – I: 13300
57-42-98 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	512/612	DET INT	57-42-00-220-801-A00	–	T: – I: 13200	–	–	–	–
57-42-98 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	512/612	DET INT	57-42-00-220-801-A00	–	T: – I: 12833	–	–	–	–
57-43-96	513/613	GVI EXT	57-43-00-210-C01-A00	T: – I: 11300	–	T: – I: 13800	T: – I: 11300	T: – I: 11300	T: – I: 11300
57-43-96 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	513/613	GVI EXT	57-43-00-210-C01-A00	–	T: – I: 10900	–	–	–	–
57-43-96 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	513/613	GVI EXT	57-43-00-210-C01-A00	–	T: – I: 10233	–	–	–	–
57-43-98	513/613	DET INT	57-43-00-220-801-A00	T: – I: 13300	–	T: – I: 10700	T: – I: 13300	T: – I: 13300	T: – I: 13300
57-43-98 PRE-MOD. SB 145-00-0032 or aircraft not affected by SB 145-00-0032	513/613	DET INT	57-43-00-220-801-A00	–	T: – I: 13200	–	–	–	–
57-43-98 POST-MOD. SB 145-00-0032, under ANAC/FAA Certifications	513/613	DET INT	57-43-00-220-801-A00	–	T: – I: 12833	–	–	–	–

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-50-74	571/671	DET	57-50-00-220-801-A00	T: –	T: –	–	T: –	T: –	T: –
	572/672	EXT		I: 16797	I: 16797		I: 16797	I: 16797	I: 16797
57-50-74	571/671	DET	57-50-00-220-805-A00	–	–	T: 30000	–	–	–
	572/672	EXT				I: 16797			
57-50-74	571/671	DET	57-50-00-220-802-A00	T: –	T: –	–	T: –	T: –	T: –
	572/672	INT		I: 16797	I: 16797		I: 16797	I: 16797	I: 16797
57-50-74	571/671	DET	57-50-00-220-806-A00	–	–	T: 30000	–	–	–
	572/672	INT				I: 16797			
57-50-76	571/671	SDE	57-50-00-250-801-A00	T: –	T: –	T: –	T: –	T: –	T: –
	572/672	EXT		I: 30000	I: 30000	I: 30000	I: 30000	I: 30000	I: 30000
57-50-78	571/671	SDE	57-50-00-240-801-A00	T: –	T: –	T: –	T: –	T: –	T: –
	572/672	EXT		I: 30000	I: 30000	I: 30000	I: 30000	I: 30000	I: 30000
57-50-80	571/671	SDE	57-50-00-250-802-A00	T: –	T: –	–	T: –	T: –	T: –
	572/672	EXT		I: 22633	I: 22633		I: 22633	I: 22633	I: 22633
57-50-80	571/671	SDE	57-50-00-250-803-A00	–	–	T: 30000	–	–	–
	572/672	EXT				I: 22633			
57-52-73	571/671	DET	57-52-00-220-C01-A00	T: –	T: –	T: 30000	T: –	T: –	T: –
		EXT		I: 16797	I: 16797	I: 16797	I: 16797	I: 16797	I: 16797
57-52-73	571/671	DET	57-52-00-220-802-A00	T: –	T: –	–	T: –	T: –	T: –
		INT		I: 16797	I: 16797		I: 16797	I: 16797	I: 16797
57-52-73	571/671	DET	57-52-00-220-804-A00	–	–	T: 30000	–	–	–
		INT				I: 16797			
57-52-78	571/671	DET	57-52-00-220-803-A00	T: –	T: –	–	T: –	T: –	T: –
		EXT		I: 3447	I: 3447		I: 3447	I: 3447	I: 3447
57-52-78	571/671	DET	57-52-00-220-805-A00	–	–	T: 30000	–	–	–
		EXT				I: 3447			
57-52-79	571/671	GVI	57-52-00-210-803-A00	T: –	T: –	T: 30000	T: –	T: –	T: –
		EXT		I: 18441	I: 18427	I: 18441	I: 18427	I: 18427	I: 18427



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SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-52-79	571/671	GVI INT	57-52-00-210-802-A00	T: – I: 18441	T: – I: 18427	–	T: – I: 18427	T: – I: 18427	T: – I: 18427
57-52-79	571/671	GVI INT	57-52-00-210-805-A00	–	–	T: 30000 I: 18441	–	–	–
57-52-81	571/671	GVI EXT	57-52-00-210-804-A00	T: – I: 18441	T: – I: 18427	T: 30000 I: 18441	T: – I: 18427	T: – I: 18427	T: – I: 18427
57-53-83	572/672	DET EXT	57-53-00-220-801-A00	T: – I: 16797	T: – I: 16797	–	T: – I: 16797	T: – I: 16797	T: – I: 16797
57-53-83	572/672	DET EXT	57-53-00-220-806-A00	–	–	T: 30000 I: 16797	–	–	–
57-53-83	572/672	DET INT	57-53-00-220-802-A00	T: – I: 16797	T: – I: 16797	–	T: – I: 16797	T: – I: 16797	T: – I: 16797
57-53-83	572/672	DET INT	57-53-00-220-807-A00	–	–	T: 30000 I: 16797	–	–	–
57-53-85	572/672	DET EXT	57-53-00-220-805-A00	T: – I: 3447	T: – I: 3447	–	T: – I: 3447	T: – I: 3447	T: – I: 3447
57-53-85	572/672	DET EXT	57-53-00-220-808-A00	–	–	T: 30000 I: 3447	–	–	–
57-53-86	572/672	GVI EXT	57-53-00-210-803-A00	T: – I: 18441	T: – I: 18441	–	T: – I: 18441	T: – I: 18441	T: – I: 18441
57-53-86	572/672	GVI EXT	57-53-00-210-806-A00	–	–	T: 30000 I: 18441	–	–	–
57-53-86	572/672	GVI INT	57-53-00-210-802-A00	T: – I: 18441	T: – I: 18441	–	T: – I: 18441	T: – I: 18441	T: – I: 18441
57-53-86	572/672	GVI INT	57-53-00-210-807-A00	–	–	T: 30000 I: 18441	–	–	–
57-53-88	572/672	GVI EXT	57-53-00-210-804-A00	T: – I: 18441	T: – I: 18441	T: 30000 I: 18441	T: – I: 18441	T: – I: 18441	T: – I: 18441

SSI No.	ZONE	TYPE/ SIDE	TASK	145ER/EU/EP	145LR/LU/ MR/MP/MK	145XR	135ER	135LR	135KE/KL
57-61-90	573/673	DET EXT	57-61-00-220-801-A00	T: – I: 11786	T: – I: 11786	–	T: – I: 5738	T: – I: 5738	T: – I: 5738
57-61-90	573/673	DET EXT	57-61-00-220-807-A00	–	–	T: 30000 I: 11786	–	–	–
57-61-90	573/673	DET INT	57-61-00-220-802-A00	T: – I: 11786	T: – I: 11786	–	–	–	–
57-61-90	573/673	DET INT	57-61-00-220-806-A00	–	–	–	T: – I: 5738	T: – I: 5738	T: – I: 5738
57-61-90	573/673	DET INT	57-61-00-220-808-A00	–	–	T: 30000 I: 11786	–	–	–
57-70-92	5712/6712 5713/6713	GVI EXT	57-70-00-210-C01-A00	T: – I: 11273	T: – I: 16481	T: 30000 I: 11273	T: – I: 11273	T: – I: 11273	T: – I: 11273
57-70-93	5712/6712	GVI EXT	57-70-00-210-C02-A00	–	–	T: 30000 I: 11273	–	–	–
57-70-93	5713/6713	GVI EXT	57-70-00-210-C02-A00	T: – I: 11273	T: – I: 16481	T: 30000 I: 11273	T: – I: 11273	T: – I: 11273	T: – I: 11273

A2.3.4. AIRWORTHINESS LIMITATION REQUIREMENTS (ALI)

This part of Appendix 2 of the Maintenance Review Board Report (MRB 145_1150) contains the Airworthiness Limitations Items (ALI) of the Instructions for Continued Airworthiness as required by RBAC 25.1529 Appendix H, 14 CFR 25.1529 Appendix H, and EASA CS 25.1529 Appendix H. These airworthiness limitations requirements are defined in accordance with the Damage Tolerance Analysis results and provide instructions (task numbering, type, description, thresholds/intervals, zones and effectivity) for timely detection of fatigue damage to structural significant items (SSI).

Appendix 2 is approved by Certification Regulatory Authorities and any changes must be reviewed and approved prior to being issued. All ALI listed herein are part of the Aircraft Airworthiness Limitation Items, as mentioned in the Type Certificate Data Sheet (TCDS).

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INTERVAL	ZONE	EFFECTIVITY
53-12-00-210-802-A00	GVI	Internally inspect the FUSELAGE components: • Windshield lateral post and its attachment (SSI 53-10-20) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB 145-53-0079.	22060 FC	22060 FC	223	ALL
53-12-00-250-802-A00	SDE	Externally inspect the FUSELAGE components using Eddy Current method: • Windshield lateral post and its attachment (SSI 53-10-20) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-53-0079.	11590 FC	11590 FC	223	ALL
53-12-00-250-802-A01	SDE	Externally inspect the FUSELAGE components using Eddy Current method: • Windshield lateral post and its attachment (SSI 53-10-20) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB 145-53-0079.	22060 FC	22060 FC	223	ALL
53-12-00-250-803-A00	SDE	Internally inspect the FUSELAGE components using Eddy Current method: • Windshield lateral post and its attachment (SSI 53-10-20) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-53-0079.	11590 FC	11590 FC	223	ALL

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INTERVAL	ZONE	EFFECTIVITY
53-31-00-250-801-A00	SDE	Externally inspect the FUSELAGE components using Eddy Current method: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07). <u>NOTE:</u> Applicable to aircraft PRE-MOD SB 145-53-0080.	–	6000 FC	273/ 274	ALL
53-31-00-250-802-A00	SDE	Externally inspect the FUSELAGE components using Eddy Current method: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07). <u>NOTE:</u> Applicable to aircraft POST-MOD SB 145-53-0080.	–	20000 FC	273/ 274	ALL
53-31-00-210-824-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07). <u>NOTE:</u> Applicable to aircraft PRE-MOD SB 145-53-0081.	–	9000 FC	311/ 312	ALL
53-31-00-210-825-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07). <u>NOTE:</u> Applicable to aircraft POST-MOD SB 145-53-0081.	–	20000 FC	311/ 312	ALL
54-50-00-220-812-A00	DET	Internally inspect the PYLON components: • Pylon Yokes I and II (SSI 54-50-05) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-54-0011 or Pre-Mod. SB 145-54-0013.	20000 FC	20000 FC	414/ 424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL

REFERENCE NUMBER	TYPE	DESCRIPTION	THRESHOLD	INTERVAL	ZONE	EFFECTIVITY
54-50-00-220-812-A01	DET	Internally inspect the PYLON components: • Pylon Yokes I and II (SSI 54-50-05) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB 145-54-0011 and Post-Mod. SB 145-54-0013.	30000 FC	30000 FC	414/ 424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-220-814-A00	DET	Internally inspect the PYLON components: • Pylon Yokes I and II (SSI 54-50-05) <u>NOTE:</u> Applicable to aircraft Pre-Mod. SB 145-54-0013.	20000 FC	20000 FC	414/ 424	EMB-145XR
54-50-00-220-814-A01	DET	Internally inspect the PYLON components: • Pylon Yokes I and II (SSI 54-50-05) <u>NOTE:</u> Applicable to aircraft Post-Mod. SB 145-54-0013.	30000 FC	30000 FC	414/ 424	EMB-145XR
57-28-00-220-817-A00	DET	Externally inspect the WING components: Attachment lugs aileron (SSI 57-28-66)	-	8895 FC	551/ 651	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-61-00-220-809-A00	DET	Externally inspect the AILERON components: Hinge attachment, aileron (SSI 57-61-89)	-	5356 FC	573/ 673	EMB-135ER EMB-135LR EMB-135KE EMB-135KL

A2.4 CRITICAL DESIGN CONFIGURATION CONTROL LIMITATION (CDCCL).

CDCCL is a design feature in the aircraft, which is required to prevent and preclude ignition sources in the fuel system. The reason to highlight these features as CDCCLs is to alert that maintenance actions or configuration changes must not affect those design features.

Based on the evaluation required by the SFAR 88 rule (Fuel System Safety Review), the following features were identified as CDCCLs:

1) Wing tanks FQIS / HLEIS harness between wing FCU / LCU and wing fuel tank wall connector This harness runs from the wing tanks FCU and LCU (if applicable), under the cockpit floor, passes through an interface (pressurized cabin to the fairing) connector on the stub spar 1, divides in two and reaches an hermetic tank wall connector on each wing. This harness is highlighted as CDCCL in the appropriate AMM procedures to have the correct installation checked avoiding alterations that may violate the design configuration of the Fuel Quantity Indicating System and High Level Exceeding Indication System (if applicable) harness outside the fuel tanks. This check must be accomplished each time any kind of maintenance is performed to, or in the nearby areas that could affect the harness installation.
2) VFQIS / VHLEIS / VLLS harnesses between VFCU / VLCU and ventral fuel tank wall connectors These harnesses are highlighted as CDCCL in the appropriate AMM procedures, to check the correct installation and to avoid alterations that may violate the critical design configuration limitations of the Ventral Fuel Quantity Indicating System, Ventral High Level Exceeding Indication System and Ventral Low Level Switch harnesses outside the ventral fuel tank, and must be accomplished each time any kind of maintenance is performed to, or in the nearby areas that could affect the harnesses installation.
3) Fuel Pump Connector at the Tank Wall Fuel pumps of main wing tanks and auxiliary tanks have hermetic electrical connectors, which are installed on and electrically bonded to the tanks wall. This connector is highlighted as CDCCL in the appropriate AMM procedures, to check faying surface bonding whenever pump is changed and to assure adequate bonding to any fuel tank in the aircraft.

This list contain the following limitations:

- The features of the items identified in this list must be maintained in a configuration identical to the type design approved for the airplane.
- Any repair or overhaul to the critical ignition source prevention features of the item identified in this list must be in accordance with the appropriate maintenance manual that is supplied by the design approval holder or with an specific repair or overhaul instruction approved by a Certification Authority.
- Any alteration on those CDCCL features in this list are classified as major and requires a Certification Authority approval.

A2.5 FUEL SYSTEM LIMITATIONS

These limitations are mandatory actions derived from the Fuel Tank Ignition Source Safety Assessment and comply with the requirements of RBHA-E 88, SFAR 88 and FAA memorandum ANM112-05-011, Policy Statement on Process for Developing SFAR No. 88 related Instructions for Maintenance and Inspection of Fuel Tank and EASA policy statement on the process for developing instructions for maintenance and inspection of fuel tank system ignition source prevention (INT/POL/25/12).

These limitations are to maintain the fail-safe features required to prevent and preclude the existence or development of ignition sources in the fuel tank system throughout the operational life of the airplane.

A2.5.1 IMPLEMENTATION OF FUEL SYSTEM LIMITATIONS

The first mandatory inspections must be accomplished at the next C check or at each inspections interval, stated in the A2.5.2 Fuel System Limitations Items, whichever occurs later.

For operations under Federal Aviation Administration (FAA) jurisdiction these Fuel System Limitations shall be implemented in accordance with any applicable existing Federal Air Regulations or, when mandated by FAA Airworthiness Directive.

A2.5.2 FUEL SYSTEM LIMITATION ITEMS

REFERENCE NUMBER	TYPE	DESCRIPTION	ZONE	INT	EFFECTIVITY
28-11-00-720-001-A00	FNC	Functionally Check critical bonding integrity of selected conduits inside the wing tank, Fuel Pump and FQIS connectors at tank wall by conductivity measurements	531/631 541/641	30000 FH	ALL
28-17-01-720-001-A00	FNC	Functionally Check critical bonding integrity of Fuel Pump, VFQIS and Low Level SW connectors at tank wall by conductivity measurements	196	30000 FH	EMB-145XR
28-21-01-220-001-A00	DET	Inspect Electric Fuel Pump Connector	531/631	10000 FH	ALL
28-23-03-220-001-A00	DET	Inspect Pilot Valve harness inside the conduit	531/631 541/641	20000 FH	ALL
28-23-04-220-001-A00	DET	Inspect Vent Valve harness inside the conduit	531/631 541/641	20000 FH	ALL
28-27-01-220-001-A00	DET	Inspect Electric Fuel Transfer Pump Connector	196	10000 FH	EMB-145XR

REFERENCE NUMBER	TYPE	DESCRIPTION	ZONE	INT	EFFECTIVITY
28-41-01-720-001-A01	FNC	Functional Check of the Safe Life Features of the Fuel Conditioning Unit (FCU): - Initial Functional Check; - External Visual Inspection; - Internal Visual Inspection; - Functional Check of the Safe-Life Feature; - Final Functional Check. <u>NOTE</u> : The flight hours accumulated shall be based on the fuel conditioning unit component.	132	10000 FH	ALL
28-41-03-220-001-A00	DET	Inspect FQIS harness for clamp and wire jacket integrity	531/631 541/641	20000 FH	ALL
28-41-04-720-001-A01	FNC	Functional Check of the Safe Life Features of the Ventral Fuel Conditioning Unit (VFCU): - Initial Functional Check; - External Visual Inspection; - Internal Visual Inspection; - Functional Check of the Safe-Life Feature; - Final Functional Check. <u>NOTE</u> : The flight hours accumulated shall be based on the fuel conditioning unit component.	196	10000 FH	EMB-145XR
28-41-07-220-001-A00	DET	Inspect VFQIS and Low Level SW Harness for clamp and wire jacket integrity	196	20000 FH	EMB-145XR

APPENDIX 3

MSI's THAT DID NOT GENERATE TASKS

A3.1 GENERAL

This section contains a list of all MSI's that did not generate any task after the MSG-3 analysis.

<i>MSI No.</i>	<i>MSI DESCRIPTION</i>
21-32	PRESSURIZATION INDICATION AND WARNING
23-11	HF SYSTEM
23-12	VHF SYSTEM
23-13	TELEPHONE SYSTEM
23-22	AIRBORNE COMMUNICATION ADDRESSING AND REPORTING SYSTEM
23-31	PASSENGER ADDRESS & CABIN INTERPHONE SYSTEM
23-32	AUDIO ENTERTAINMENT
23-33	PASSENGER LOUDSPEAKERS
23-35	IN FLIGHT ENTERTAINMENT
23-80	INTEGRATED AUTOMATIC TUNING
24-20	AC GENERATION
24-62	AVIONICS MASTER SYSTEM
25-22	PASSENGER CABIN HEADLINER
25-23	PASSENGER CABIN SIDEWALL LINING
25-24	PASSENGER CABIN FLOOR LINING
25-26	PASSENGER COMPARTMENT CLOSETS
25-27	PARTITIONS
25-30	GALLEY
25-31	GALLEY ELECTRICAL SYSTEM
25-40	LAVATORIES

<i>MSI No.</i>	<i>MSI DESCRIPTION</i>
25-50	CARGO COMPARTMENT
25-51	CARGO COMPARTMENT LINING
26-11	ENGINE FIRE/OVERHEAT DETECTION SYSTEM
26-12	APU FIRE/OVERHEAT DETECTION SYSTEM
28-23	PRESSURE FUELING/DEFUELING
28-42	MECHANICAL FUEL QUANTITY INDICATING
30-82	CLEAR ICE DETECTION SYSTEM
31-33	QUICK ACCESS RECORDER
31-42	INTEGRATED COMPUTERS
31-51	AURAL WARNING
32-30	EXTENSION AND RETRACTION
32-61	LG INDICATING SYSTEM
33-11	COCKPIT LIGHT
33-12	INSTRUMENT AND CONTROL PANEL LTG
33-15	FLOOD/STORM LIGHTS
33-21	PASSENGER CABIN LIGHTS
33-23	PASSENGER WARNING SIGNS
33-25	READING AND ATTENDANT CALL LIGHTS
33-26	COURTESY/STAIR LIGHTS
33-28	LAVATORY LIGHTS
33-29	GALLEY LIGHTS
33-30	CARGO AND SERVICE COMPARTMENTS LIGHTS
33-41	LANDING LIGHTS
33-42	TAXI LIGHTS
33-43	NAVIGATION LIGHTS
33-44	INSPECTION LIGHTS



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MSI No.	MSI DESCRIPTION
33-46	LOGOTYPE LIGHTS
34-24	STANDBY ATTITUDE
34-31	RADIO ALTIMETER
34-32	VOR/ILS/MB
34-42	RADAR
34-43	TCAS
34-51	DME
34-53	ADF
34-56	GPS
34-61	FMS HONEYWELL
34-62	FMS UNIVERSAL
38-10	POTABLE WATER
38-33	LAVATORY WASTE WATER
45-45	CENTRAL MAINTENANCE COMPUTER
49-11	APU COWLING
49-33	FUEL CONSUMPTION INDICATING
49-42	APU STARTING
49-53	COMPRESSOR CONTROL
49-71	RPM INDICATING
49-72	EGT INDICATING
49-74	MAINTENANCE INDICATING
49-81	EXHAUST COLLECTOR
49-93	OIL SYSTEM WARNING
71-30	ENGINE FIRE SEALS ASSY
71-51	ENGINE HARNESS ASSY
71-72	ENGINE VENT ASSY

MSI No.	MSI DESCRIPTION
72-25	FAN FRAME, VANE & SUPPORT ASSEMBLY
72-37	COMPRESSOR CASE ASSEMBLY
72-39	COMPRESSOR DIFFUSER ASSEMBLY
72-45	COMBUSTION LINER ASSEMBLY
72-51	HIGH PRESS.TURB.1ST STAGE VANE & SUPPORT ASSY
72-57	LOW PRESSURE TURBINE (LPT) CASE, VANES AND SEALS
72-59	REAR TURBINE BEARING SUPPORT (RTBS)
72-71	INNER BYPASS DUCT ASSY
73-31	FUEL FLOWMETER ASSY
73-32	ENGINE FUEL TEMPERATURE
73-33	ENGINE FUEL FILTER IMPENDING BY-PASS
73-35	FUEL FLOW SENSING SYSTEM
73-37	FUEL QUALITY
74-11	PERMANENT MAGNET ALTERNATOR
74-13	IGNITION EXCITER ASSY
75-31	AIR SYSTEM
75-33	COMPRESSOR VARIABLE VANE ACTUATION SYSTEM
75-41	ENGINE AIR TEMPERATURE
75-43	ENGINE AIR PRESSURE
77-11	SPEED INDICATING
77-41	INTEGRATED ENGINE INSTRUMENT SYSTEM
79-11	OIL TANK
79-21	OIL PRESSURIZATION
79-31	OIL TEMPERATURE SYSTEM
79-32	LOW OIL PRESSURE WARNING
79-33	OIL PRESSURE SYSTEM



MAINTENANCE REVIEW BOARD REPORT

<i>MSI No.</i>	<i>MSI DESCRIPTION</i>
79-35	OIL QUANTITY SYSTEM

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APPENDIX 4

ISC & WGs PARTICIPANTS

A4.1 GENERAL

The organization and administration of the ISC and WGs is aligned with the procedures contained in the PPH-145/1118 which, in turn, complies with the AC 121-22A recommendations. Staffing and assignments are closely related to EMBRAER past programs which have proved successful in meeting all requirements.

The development of the initial scheduled maintenance program was conducted by the following groups, consisting of highly experienced and skilled members:

ISC - INDUSTRY STEERING COMMITTEE		
CHAIRMAN	JOHN PRESTIFILIPO	CONTINENTAL EXPRESS
ALTERNATE CHAIRMAN	PAULO COUTINHO	RIO-SUL, SERVIÇOS AÉREOS REGIONAIS S.A
CO-CHAIRMAN	LUIZ ALBERTO NOLASCO FONSECA	EMBRAER
ALTERNATE CO-CHAIRMAN	CRISTINA BITTENCOURT PEREIRA	EMBRAER
WG MEMBER	GERRY SHUTRUMP	ATLANTIC SOUTHEAST AIRLINES
WG MEMBER	ROB MELCHER	COMAIR
WG MEMBER	CHUCK CHREST	COMAIR
WG MEMBER	STEVE DONOHUE	CONTINENTAL EXPRESS
WG MEMBER	ISMAEL SCHMIDT	CONTINENTAL EXPRESS
WG MEMBER	CARLOS SERGIO VAZ PORTO	INTERBRASIL
WG MEMBER	PATRICK CERETTI	REGIONAL AIRLINES
WG MEMBER	JEFF MARRET	SKYWEST
WG MEMBER	GARY M. GOODMAN	SKYWEST AIRLINES, INC.
WG MEMBER	NICOLAU BARBIERI JR.	TRANSBRASIL S.A.
WG MEMBER	HAROLD BRAUN	VARIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	JOÃO BATISTA SEMAN CUFLAT	VASP - VIAÇÃO AÉREA SÃO PAULO S.A.
REGULATORY AUTHORITY	CLODOALDO MATIAS DE OLIVEIRA	CTA MRB CHAIRMAN
REGULATORY AUTHORITY	LUIS HENRIQUE MEDICI COLUS	CTA MRB EXECUTIVE CHAIRMAN

ISC - INDUSTRY STEERING COMMITTEE		
REGULATORY AUTHORITY	GARY N. GOODWIN	FAA MRB CHAIRMAN
REGULATORY AUTHORITY	MARTIAL DUQUEYROIX	JAA MRB CHAIRMAN
ADVISORS	ADEMIR ANTÔNIO DA SILVA	CTA - CENTRO TÉCNICO AEROESPACIAL
ADVISORS	ANTÔNIO BAKOWSKI	CTA - CENTRO TÉCNICO AEROESPACIAL
ADVISORS	RICARDO CALDEIRA CÉSAR BRASIL	DAC - DEPARTAMENTO DE AVIAÇÃO CIVIL
ADVISORS	ARTHUR CLAUDIO SOARES ACCAMPORA	DAC - DEPARTAMENTO DE AVIAÇÃO CIVIL
CLERICAL WORK	CÉLIA CECÍLIA SANTOS	EMBRAER
PARTNERS AND SUPPLIERS	LAURENCE LEVAN	ALLISON ENGINE COMPANY
ELECTRICAL & AVIONICS WORKING GROUP		
CHAIRMAN	JEFF MARETT	SKYWEST AIRLINES, INC
ALTERNATE CHAIRMAN	MARCELO L. SOUZA	RIO-SUL - SERVIÇOS AÉREOS REGIONAIS S.A.
CO-CHAIRMAN	AFONSO DOS SANTOS JUNIOR	EMBRAER
ALTERNATE CO-CHAIRMAN	JOSÉ NOGUEIRA DA MATA FILHO	EMBRAER
WG MEMBER	CARLOS M. DOÑÉ	AMERICAN AIRLINES
WG MEMBER	DARWIN SPARE	COMAIR
WG MEMBER	DARREL MAGNITTI	CONTINENTAL EXPRESS
WG MEMBER	PATRICK CERETTI	REGIONAL AIRLINES
WG MEMBER	GIANNI C. PIROLO	RIO-SUL - SERVIÇOS AÉREOS REGIONAIS S.A
WG MEMBER	SÉRGIO MARTINEZ LOURENÇO	TRANSBRASIL S.A.
WG MEMBER	GUILHERME FRANZOI JUNIOR	VARIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	PAULO ROBERTO ALBARUS	VARIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	HUDSON ANTÔNIO RIBEIRO	VASP - VIAÇÃO AÉREA SÃO PAULO S.A.
REGULATORY AUTHORITY	EDSON CURY	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	JOSÉ RUI LAUTENSCHLAGER	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	DAVID STRICKLAND	FAA - FEDERAL AVIATION ADMINISTRATION
WG MEMBER	ADILSON ANTUNES	EMBRAER
WG MEMBER	ANTÔNIO ROBERTO S. OLIVEIRA	EMBRAER

ELECTRICAL & AVIONICS WORKING GROUP (CONTINUED)		
WG MEMBER	CARLOS ALBERTO CASTELO BRANCO	EMBRAER
WG MEMBER	CARLOS ALBERTO GONÇALVES JUNIOR	EMBRAER
WG MEMBER	CLÁUDIA DE FÁTIMA MIRANDA	EMBRAER
WG MEMBER	EDSON FERNANDES	EMBRAER
WG MEMBER	EDSON GONÇALVES DE FREITAS	EMBRAER
WG MEMBER	EDUARDO GONÇALVES DE FREITAS	EMBRAER
WG MEMBER	GERVANDO BRAGA CASTOR	EMBRAER
WG MEMBER	HELOÍSA HELENA FREITAS C. G. AMARAL	EMBRAER
WG MEMBER	JEAN FRANÇOIS GELLY	EMBRAER
WG MEMBER	JOSÉ FERNANDO DAVID FARAT	EMBRAER
WG MEMBER	JOSÉ MARTINS DUARTE FILHO	EMBRAER
WG MEMBER	JÚLIO I. UENO	EMBRAER
WG MEMBER	KALVALA SURENDRA	EMBRAER
WG MEMBER	KEN MORGAN	EMBRAER
WG MEMBER	LUIZ CARLOS MARENGO	EMBRAER
WG MEMBER	MARIA MARGARET KAKO KAMIGUCHI	EMBRAER
WG MEMBER	NEWTON HYGINO DE OLIVEIRA FILHO	EMBRAER
WG MEMBER	NIVALDO CRISTOFANI	EMBRAER
WG MEMBER	PAULO TAVARES	EMBRAER
WG MEMBER	RACHEL LUISA O. PENIDO	EMBRAER
WG MEMBER	ROBERTO MATTOS FIGUEIREDO	EMBRAER
WG MEMBER	ROGÉRIO S. MIMESSI	EMBRAER
PARTNERS AND SUPPLIERS	JOSEPH GOFF	C&D INTERIORS
PARTNERS AND SUPPLIERS	STEVEN MEADE	C&D INTERIORS
PARTNERS AND SUPPLIERS	RALPH W. RICKER	FLIGHT SAFETY

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ALTERNATE CO-CHAIRMAN	MARCO AURÉLIO HARZHEIM DE MACEDO	EMBRAER
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WG MEMBER	ISMAEL SCHMIDT	CONTINENTAL EXPRESS
WG MEMBER	PATRICK CERETTI	REGIONAL AIRLINES
WG MEMBER	HAMILTON C. JUNIOR	RIO-SUL - SERVIÇOS AÉREOS REGIONAIS S.A.
WG MEMBER	STEVE BOVEE	SKYWEST AIRLINES
WG MEMBER	GIANCARLO BAPTISTA	TRANSBRASIL S.A.
WG MEMBER	CLAUDIO LUCCHESI	VARIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	LUIZ FERNANDO SALOMÃO	VARIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	RICARDO CHAGAS BALDISSERA	VARIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	IVO RODRIGUES DA SILVA	VASP - VIAÇÃO AÉREA SÃO PAULO S.A.
WG MEMBER	LUIZ PAULO DO NASCIMENTO	VASP - VIAÇÃO AÉREA SÃO PAULO S.A.
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REGULATORY AUTHORITY	ANTÔNIO BAKOWSKI	CTA - CENTRO TÉCNICO AEROESPACIAL
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WG MEMBER	ANTÔNIO LOPES CANÇADO JUNIOR	EMBRAER
WG MEMBER	CARLOS EDUARDO ALMEIDA BARRA	EMBRAER
WG MEMBER	CARLOS PEREIRA LIMA	EMBRAER
WG MEMBER	CARLOS SEIDEL	EMBRAER
WG MEMBER	CIRO TAKASIKI	EMBRAER
WG MEMBER	GABRIEL ROGNON	EMBRAER
WG MEMBER	HELOÍSA HELENA FREITAS C. G. AMARAL	EMBRAER
WG MEMBER	HUMBERTO CALDANA	EMBRAER

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WG MEMBER	JOSÉ MELLO ALVARENGA NETO	EMBRAER
WG MEMBER	KEN MORGAN	EMBRAER
WG MEMBER	MARCELO FERNANDES ARAÚJO	EMBRAER
WG MEMBER	MARCOS ANTÔNIO VIANA TAVARES	EMBRAER
WG MEMBER	MOZART MIRANDA CHAGAS	EMBRAER
WG MEMBER	PAULO MAURÍCIO G. SOUZA	EMBRAER
WG MEMBER	PAULO TAVARES	EMBRAER
WG MEMBER	PEDRO SEITI ENDO	EMBRAER
WG MEMBER	REGINALDO JOÃO TINOCO	EMBRAER
WG MEMBER	RICARDO YAMAMOTO	EMBRAER
WG MEMBER	TADASHI NELSON KAWASAKI	EMBRAER
WG MEMBER	VALDIR GUENKITSI HIGA	EMBRAER
WG MEMBER	WALTER CÂNDIDO SANTOS FILHO	EMBRAER
PARTNERS AND SUPPLIERS	JOSEPH GOFF	C&D INTERIORS
PARTNERS AND SUPPLIERS	STEVEN MEADE	C&D INTERIORS
PARTNERS AND SUPPLIERS	RALPH W. RICKER	FLIGHT SAFETY
PARTNERS AND SUPPLIERS	REINHARD MULLER	LIEBHERR
PARTNERS AND SUPPLIERS	JOSEPH BARTHOLOME	SONACA
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WG MEMBER	CHRIS WILSON	CONTINENTAL EXPRESS

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WG MEMBER	KEN ASHWORTH	SKYWEST AIRLINES
WG MEMBER	ARMANDO AKIO ARASAKI	TRANSBRASIL S.A.
WG MEMBER	MANFREDO MÁRIO WALTER	VARIIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	SÉRGIO LUIZ GARAVELLO	VARIIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	JOSÉ PEDRO DE MAGALHÃES	VASP - VIAÇÃO AÉREA SÃO PAULO S.A.
REGULATORY AUTHORITY	ADALTON R. MARTUSCELLI	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	KEVIN MCLAUGHLIN	FAA - FEDERAL AVIATION ADMINISTRATION
REGULATORY AUTHORITY	ROGER H. LOVE	FAA - FEDERAL AVIATION ADMINISTRATION
WG MEMBER	ADILSON ANTUNES	EMBRAER
WG MEMBER	ANTÔNIO LOPES CANÇADO JUNIOR	EMBRAER
WG MEMBER	ARISTIDES CORREA CINTRA JUNIOR	EMBRAER
WG MEMBER	ARLEN JONES	EMBRAER
WG MEMBER	BRÁULIO SOUTO MAIOR DE MEDEIROS	EMBRAER
WG MEMBER	CARLOS ALBERTO NASCIMENTO VIEIRA	EMBRAER
WG MEMBER	CARLOS MOACIR GRANDI	EMBRAER
WG MEMBER	DAVID CARDOSO MARQUES	EMBRAER
WG MEMBER	EDSON FERNANDES	EMBRAER
WG MEMBER	EDUARDO BORGES	EMBRAER
WG MEMBER	EDUARDO ROBERTO GRABNER	EMBRAER
WG MEMBER	FRANK FALCÃO DA FROTA	EMBRAER
WG MEMBER	HÉLIO RICHIERI PINHEIRO	EMBRAER
WG MEMBER	JEAN FRANÇOIS DUMONET	EMBRAER

POWER PLANT WORKING GROUP (CONTINUED)

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WG MEMBER	MAURÍLIO MENEZES	EMBRAER
WG MEMBER	MAURO HAYAMA	EMBRAER
WG MEMBER	MOISÉS JOSÉ STUMPF	EMBRAER
WG MEMBER	PAULO ROBERTO DE CASTRO	EMBRAER
WG MEMBER	SIDNEY MOURA DA SILVA	EMBRAER
PARTNERS AND SUPPLIERS	DOUG JONES	ALLISON ENGINE COMPANY
PARTNERS AND SUPPLIERS	KURT NIEMANN	ALLISON ENGINE COMPANY
PARTNERS AND SUPPLIERS	LARRY LEVAN	ALLISON ENGINE COMPANY
PARTNERS AND SUPPLIERS	STEVE SIMON	ALLISON ENGINE COMPANY
PARTNERS AND SUPPLIERS	RALPH W. RICKER	FLIGHT SAFETY
PARTNERS AND SUPPLIERS	CARLOS SAINZ PINO	GAMESA
PARTNERS AND SUPPLIERS	IAN MINTON	HUREL DUBOIS
PARTNERS AND SUPPLIERS	NEIL MURRAY	LUCAS AEROSPACE
PARTNERS AND SUPPLIERS	ANDREW MCNALLY	SHORT BROTHERS
PARTNERS AND SUPPLIERS	RUSSEL TAVENER	SUNDSTRAND

STRUCTURAL WORKING GROUP

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ALTERNATE CO-CHAIRMAN	MOZART MIRANDA CHAGAS	EMBRAER
WG MEMBER	CARLOS M. DOÑÉ	AMERICAN AIRLINES
WG MEMBER	GERRY SHUTRUMP	ATLANTIC SOUTHEAST AIRLINES
WG MEMBER	PATRICK CERETTI	REGIONAL AIRLINES
WG MEMBER	ROBERTO P. MICHELIN	RIO-SUL - SERVIÇOS AÉREOS REGIONAIS S.A.
WG MEMBER	SÉRGIO R. PEREIRA	RIO-SUL - SERVIÇOS AÉREOS REGIONAIS S.A.
WG MEMBER	GARY GOODMAN	SKYWEST AIRLINES
WG MEMBER	NEWTON HAMAMOTO	TRANSBRASIL S.A.

STRUCTURAL WORKING GROUP (CONTINUED)

WG MEMBER	RENATO VILLAS BOAS MIRANDA	TRANSBRASIL S.A.
WG MEMBER	NELSON DA ROSA	VARIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	MÁRCIO BONTEMPO	VASP - VIAÇÃO AÉREA SÃO PAULO S.A.
REGULATORY AUTHORITY	MARCO VILLARON	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	OSCAR NUNES DE ABREU	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	ANTÔNIO BAKOWSKI	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	FULTON S. SHAW	FAA - FEDERAL AVIATION ADMINISTRATION
WG MEMBER	ALAN MITCHEL	EMBRAER
WG MEMBER	CARLOS SEIDEL	EMBRAER
WG MEMBER	FÁBIO DE TOLEDO FONTANA	EMBRAER
WG MEMBER	JEAN FRANÇOIS DUMONET	EMBRAER
WG MEMBER	MARCO AURÉLIO HARZHEIM DE MACEDO	EMBRAER
WG MEMBER	PAULO MAURÍCIO G. SOUZA	EMBRAER
WG MEMBER	THOMAZ YOKOYAMA	EMBRAER
PARTNERS AND SUPPLIERS	ARIAN JONES	AMS CONSULTING
PARTNERS AND SUPPLIERS	FERNANDO FERRAZ	AKROS
PARTNERS AND SUPPLIERS	CARLOS SAINZ PINO	GAMESA
PARTNERS AND SUPPLIERS	REINHARD MULLER	LIEBHERR
PARTNERS AND SUPPLIERS	MARTIN BUTT	LIEBHERR
PARTNERS AND SUPPLIERS	JOSEPH BARTHOLOME	SONACA

ZONAL WORKING GROUP

CHAIRMAN	JOE MICHELSON	CONTINENTAL EXPRESS
CO-CHAIRMAN	MARCO AURÉLIO HARZHEIM DE MACEDO	EMBRAER
ALTERNATE CO-CHAIRMAN	MOZART MIRANDA CHAGAS	EMBRAER
WG MEMBER	CARLOS M. DOÑÉ	AMERICAN AIRLINES
WG MEMBER	GEERY SHUTRUMP	ATLANTIC SOUTHEAST AIRLINES
WG MEMBER	ROBERT MELCHER	COMAIR



MAINTENANCE REVIEW BOARD REPORT

ZONAL WORKING GROUP (CONTINUED)		
WG MEMBER	ISMAEL SCHMIDT	CONTINENTAL EXPRESS
WG MEMBER	PATRICK CERETTI	REGIONAL AIRLINES
WG MEMBER	EDUARDO J. DE B. MALTA	RIO-SUL - SERVIÇOS AÉREOS REGIONAIS S.A.
WG MEMBER	GARY GOODMAN	SKYWEST AIRLINES
WG MEMBER	NEWTON HAMAMOTO	TRANSBRASIL S.A.
WG MEMBER	NELSON DA ROSA	VARIG - VIAÇÃO AÉREA RIO GRANDENSE
WG MEMBER	MÁRCIO BONTEMPO	VASP - VIAÇÃO AÉREA SÃO PAULO S.A.
REGULATORY AUTHORITY	MARCO VILLARON	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	ANTÔNIO BAKOWSKI	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	FULTON S. SHAW	FAA - FEDERAL AVIATION ADMINISTRATION
WG MEMBER	ALAN MITCHEL	EMBRAER
WG MEMBER	CARLOS SEIDEL	EMBRAER
WG MEMBER	GABRIEL ROGNON	EMBRAER
WG MEMBER	PAULO MAURÍCIO G. SOUZA	EMBRAER
WG MEMBER	THOMAZ YOKOYAMA	EMBRAER
PARTNERS AND SUPPLIERS	ARIAN JONES	AMS CONSULTING

- 4.2 The development of schedule Maintenance Program revision to comply with the EMB-145 LR version modification was conducted by the following participants that from April 22, 1998 constitute the ISC member as follows.

ISC - INDUSTRY STEERING COMMITTEE		
CHAIRMAN	PATRICK CERETTI	REGIONAL AIRLINES
ALTERNATE CHAIRMAN	STEVE DONOHUE	CONTINENTAL
CO-CHAIRMAN	LUIZ ALBERTO NOLASCO FONSECA	EMBRAER
WG MEMBER	RON CHURCH	BRITISH REGIONAL
WG MEMBER	STEVE DONOHUE	CONTINENTAL EXPRESS
WG MEMBER	LEON MOES	LUXAIR
WG MEMBER	PATRICK CERETTI	REGIONAL AIRLINES
WG MEMBER	DOMINIQUE BROCHARD	REGIONAL AIRLINES
WG MEMBER	FÚLVIO LUIZ DELICATO FILHO	RIO-SUL
REGULATORY AUTHORITY	LUIZ ALBERTO C. MUNARETTO	CTA MRB CHAIRMAN
REGULATORY AUTHORITY	LUÍS HENRIQUE MÉDICI COLUS	CTA MRB EXECUTIVE CHAIRMAN
REGULATORY AUTHORITY	GARY N. GOODWIN	FAA MRB CHAIRMAN
REGULATORY AUTHORITY	MARTIAL DUQUEROIX	JAA MRB CHAIRMAN
CLERICAL WORK	ELENA AIKO KAWAKAMI	EMBRAER
PARTNER AND SUPPLIER	LARRY LE VAN	ALLISON
WG MEMBER	LUIZ ALBERTO NOLASCO FONSECA	EMBRAER
WG MEMBER	ANTÔNIO LOPES CANÇADO JUNIOR	EMBRAER
WG MEMBER	JOSÉ NOGUEIRA DA M. FILHO	EMBRAER
WG MEMBER	LEONARDO ROCHA	EMBRAER
WG MEMBER	HELOISA HELENA F. C. G. AMARAL	EMBRAER
WG MEMBER	THOMAZ Y. YOKOYAMA	EMBRAER
WG MEMBER	MOZART M. CHAGAS	EMBRAER
WG MEMBER	GUSTAVO SANTOS DE SIQUEIRA	EMBRAER
WG MEMBER	LILIAN REGINA DE OLIVEIRA BARBOSA	EMBRAER
WG MEMBER	JOHN ELSBERND	EMBRAER



MAINTENANCE REVIEW BOARD REPORT

ISC - INDUSTRY STEERING COMMITTEE (CONTINUED)		
WG MEMBER	EDUARD RAMOS	EMBRAER
WG MEMBER	ALAN MITCHEL	EMBRAER
WG MEMBER	JEAN - FRANÇOIS DUMONET	EMBRAER

- 4.3. The development of schedule Maintenance Program revision to comply with the EMB-135 version modification was conducted by the following participants. The system working group took place from January 25 thru 29 of 1999, the structural/zonal working group took place from March 1 thru 3 of 1999 and the ISC working group took place from 3 thru 4 March of 1999.

ISC - INDUSTRY STEERING COMMITTEE		
CHAIRMAN	PATRICK CERETTI	REGIONAL AIRLINES
ALTERNATE CHAIRMAN	STEVE DONOHUE	CONTINENTAL EXPRESS
CO-CHAIRMAN	ANTÔNIO MARTINI NETO	EMBRAER
WG MEMBER	QUINN PETERSON	AMERICAN EAGLE
WG MEMBER	STEVE REED	CONTINENTAL EXPRESS
WG MEMBER	TIM SHOECRAFT	CONTINENTAL EXPRESS
WG MEMBER	FULVIO LUIZ DELICATO FILHO	RIO-SUL
WG MEMBER	RON CHURCH	MANX
WG MEMBER	TOM BLAKEY	TRANS STATES AIRLINES
REGULATORY AUTHORITY	LUIZ ALBERTO C. MUNARETO	CTA MRB CHAIRMAN
REGULATORY AUTHORITY	LUIS HENRIQUE MEDICI COLUS	CTA MRB EXECUTIVE CHAIRMAN
REGULATORY AUTHORITY	JOSÉ AUGUSTO B. MEIRELLES	CTA MRB EMB-135 CHAIRMAN
REGULATORY AUTHORITY	GARY N. GOODWIN	FAA MRB CHAIRMAN
REGULATORY AUTHORITY	MARTIAL DUQUEYROIX	JAA MRB CHAIRMAN
CLERICAL WORK	ELENA AIKO KAWAKAMI	EMBRAER
WG MEMBER	DON BETHEL	EMBRAER
WG MEMBER	YVES BLAISE	EMBRAER
WG MEMBER	EDUARDO RAMOS DOS SANTOS	EMBRAER
WG MEMBER	NELSON MORTONI DA SILVA	EMBRAER
WG MEMBER	HELOISA AMARAL	EMBRAER
WG MEMBER	ANTÔNIO LOPES CANÇADO JUNIOR	EMBRAER
WG MEMBER	MOZART M. CHAGAS	EMBRAER
PARTNER AND SUPPLIER	LARRY LE VAN	ALLISON

SYSTEMS WORKING GROUP		
CHAIRMAN	FÚLVIO LUIZ DELICATO FILHO	RIO - SUL
CO-CHAIRMAN	JOSÉ NOGUEIRA DA MATA FILHO	EMBRAER
ALTERNATE CO-CHAIRMAN	ANTÔNIO LOPES CANÇADO JUNIOR	EMBRAER
WG MEMBER	CARLOS M. DOÑÉ	AMERICAN EAGLE
WG MEMBER	BENN MANNING	CONTINENTAL EXPRESS
WG MEMBER	CHIS WILSON	CONTINENTAL EXPRESS
WG MEMBER	CHUCK PULAKHANDAM	CONTINENTAL EXPRESS
WG MEMBER	GILLES COMPAGNION	FLANDRE AIR
WG MEMBER	FABIO DE MELO	RIO SUL
WG MEMBER	HAMILTON CARVALHO	RIO SUL
REGULATORY AUTHORITY	ADALTON MARTUSCELLI	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	ANTÔNIO BAKOWISKI	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	EDSON CURY	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	J.B. ALVARENGA E SILVA	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	JOSÉ RUI LAUTENSCHLAGER	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	OSVALDO OLIVEIRA FILHO	CTA - CENTRO TÉCNICO AEROESPACIAL
WG MEMBER	ACIR PADILHA	EMBRAER
WG MEMBER	ADILSON ANTUNES	EMBRAER
WG MEMBER	ALEX ZAKARTCHOUK	EMBRAER
WG MEMBER	ANTÔNIO CARLOS CARRERA	EMBRAER
WG MEMBER	ANTONIO CARLOS GONÇALVES	EMBRAER
WG MEMBER	ANTÔNIO ROBERTO OLIVEIRA	EMBRAER
WG MEMBER	CIRO TOKASIKI	EMBRAER
WG MEMBER	FABIO SAUNER	EMBRAER
WG MEMBER	GUILHERME BARSALI	EMBRAER
WG MEMBER	HELOISA AMARAL	EMBRAER
WG MEMBER	JI WONG PAIK	EMBRAER

SYSTEMS WORKING GROUP (CONTINUED)		
WG MEMBER	JOSÉ FERNANDO FARAT	EMBRAER
WG MEMBER	JUCA MOSTARDEIRO	EMBRAER
WG MEMBER	LAURO BORGES	EMBRAER
WG MEMBER	LUIZ ANTÔNIO F. ALMEIDA	EMBRAER
WG MEMBER	LUIZ GONZAGA	EMBRAER
WG MEMBER	MARCELO DE MESQUITA	EMBRAER
WG MEMBER	MARCIO KOITI MATUO	EMBRAER
WG MEMBER	MARCO ARISSETO	EMBRAER
WG MEMBER	MARCOS ANTÔNIO VIANA	EMBRAER
WG MEMBER	MAURÍLIO MENEZES	EMBRAER
WG MEMBER	NELSON MORTONI DA SILVA	EMBRAER
WG MEMBER	OMIR AMARAL CAMPOS	EMBRAER
WG MEMBER	PAULO STOLF	EMBRAER
WG MEMBER	RICARDO TAKESHI	EMBRAER
WG MEMBER	RICARDO YAMAMOTO	EMBRAER
WG MEMBER	RODRIGO SILVA E SOUZA	EMBRAER
WG MEMBER	BRAD SEAMAN	EMBRAER
WG MEMBER	JOE ROBERTS	EMBRAER
WG MEMBER	CARLOS WEIS	EMBRAER
WG MEMBER	ARLEN JONES	EMBRAER
WG MEMBER	CARLOS BARRA	EMBRAER
PARTNERS AND SUPPLIERS	LARRY LE VAN	ALISON ROLLS ROYCE
PARTNERS AND SUPPLIERS	RUSS TAVENNER	SUNDSTRAND
STRUCTURAL/ZONAL WORKING GROUP		
CHAIRMAN	STEVE REED	CONTINENTAL EXPRESS
CO-CHAIRMAN	TOMAZ Y. YOKOYAMA	EMBRAER
ALTERNATE CO-CHAIRMAN	QUINN PETERSON	AMERICAN EAGLE

STRUCTURAL/ZONAL WORKING GROUP (CONTINUED)		
WG MEMBER	QUINN PETERSON	AMERICAN EAGLE
WG MEMBER	STEVE REED	CONTINENTAL EXPRESS
WG MEMBER	TIM SHOECRAFT	CONTINENTAL EXPRESS
WG MEMBER	FÚLVIO LUIZ DELICATO FILHO	RIO SUL
REGULATORY AUTHORITY	JOSÉ AUGUSTO B. MEIRELLES	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	LUIS HENRIQUE MEDICI COLUS	CTA - CENTRO TÉCNICO AEROESPACIAL
REGULATORY AUTHORITY	GARY N. GOODWIN	FAA - FEDERAL AVIATION ADMINISTRATION
WG MEMBER	EDUARDO RAMOS DOS SANTOS	EMBRAER
WG MEMBER	KENNEDY D. NASCIMENTO	EMBRAER
WG MEMBER	MARCELO FRAY VILLAR	EMBRAER
WG MEMBER	CLÁUDIO JORGE FERNANDEZ	EMBRAER
WG MEMBER	PAULO MAURÍCIO GONÇALVES	EMBRAER
WG MEMBER	ANTONIO LACAVA	EMBRAER
WG MEMBER	EBER APARECIDO GUSMÃO	EMBRAER
WG MEMBER	FRANCO OLMÍ	EMBRAER
WG MEMBER	VALDIR ROSSI	EMBRAER
WG MEMBER	HUMBERTO PEREIRA	EMBRAER
WG MEMBER	MOZART M. CHAGAS	EMBRAER

4.4 The development of schedule Maintenance Program revision to comply with the EMB-145 XR version modification was conducted by the following participants that from May 6, 2002 constitute the ISC member as follows.

ISC - INDUSTRY STEERING COMMITTEE		
ISC CHAIRMAN	STEVE REED	COEX
WG CHAIRMAN	BARRY MOONAN	MANX
ISC CO-CHAIRMAN	MOZART MIRANDA CHAGAS	EMBRAER
WG MEMBER	MARC WILSON	AMERICAN EAGLE
WG MEMBER	FRED CALVERT	EJM
REGULATORY AUTHORITY	JOSÉ AUGUSTO B. MEIRELLES	CTA
REGULATORY AUTHORITY	CHRISTOPHER CLARK	FAA
REGULATORY AUTHORITY	JOHN BASSLER	FAA
REGULATORY AUTHORITY	JEROME SPAULDING	FAA
WG MEMBER	STEVE WINIECKI	INDIGO
WG MEMBER	HAKAN HALLBORN	JAA
WG MEMBER	FERNANDO NORONHA	PGA
WG MEMBER	ROBERTO HIRSHMAN	RIO SUL
WG MEMBER	JOHN J. CORMIER	TRANS STATES
WG MEMBER	LUCIANO PERRONE	EMBRAER
WG MEMBER	BERNARDO FRANCO RENNO GOMES	EMBRAER
WG MEMBER	CARLOS FERNANDO SANTO DE ALMEIDA	EMBRAER
WG MEMBER	THIAGO DE FREITAS FALCÃO	EMBRAER
WG MEMBER	ANTONIO F.A. ALVES	EMBRAER
WG MEMBER	FERNANDO BOCALON	EMBRAER
WG MEMBER	ALCIR CARRA	EMBRAER
WG MEMBER	MARCELO MATOS	EMBRAER
WG MEMBER	ALESSANDRE WAGNER DA SILVA	EMBRAER
WG MEMBER	WAGNER LUIZ CAZZANIGA	EMBRAER
WG MEMBER	RENATA PIRES	EMBRAER



MAINTENANCE REVIEW BOARD REPORT

ISC - INDUSTRY STEERING COMMITTEE (CONTINUED)		
WG MEMBER	LUIZ FERNANDO MASCARENHAS DE MORAES	EMBRAER
WG MEMBER	RODOLFO SALA	EMBRAER
WG MEMBER	RICARDO GUZZI	EMBRAER
WG MEMBER	ANTÔNIO LOPES CANÇADO JUNIOR	EMBRAER
WG MEMBER	LUIZ GONZAGA	EMBRAER
WG MEMBER	CLENILSON JORDÃO	EMBRAER
PARTNERS AND SUPPLIERS	BRIAN L. VENABLE	ROLLS-ROYCE

4.5 The development of Maintenance Review Board revision 22 was conducted by the following participants that from August 16th 18th, 2021 constitute the ISC member as follows.

1st GWG/ISC MEETING 2021		
ANAC MRB CHAIRMAN	SERGIO H. B. CRUZ	ANAC
EASA MRB CHAIRMAN	COLLIN LANGLEY	EASA
FAA MRB CHAIRMAN	ROY VENTURA	FAA
ISC CHAIRWOMAN	HEATHER HINTON	COMMUTAIR
WG MEMBER	PEDRO AUGUSTO DA SILVA ALVES	EMBRAER
ISC CO-CHAIRMAN	ALAN MARTINEZ VARGAS SOUZA	EMBRAER
WG CO-CHAIRMAN STRUCTURES	PAULO ROBERTO DE FREITAS DINIZ	EMBRAER
WG MEMBER	LÍDIA FABRÍCIO DOS SANTOS	EMBRAER
WG MEMBER	HENRIQUE LEAL PEDROTTI	EMBRAER
WG MEMBER	FERNANDO ABEL RODRIGUES DE ARAUJO	EMBRAER
WG MEMBER	RODRIGO MANZIONE CORREA	EMBRAER
WG MEMBER	ALINE BATISTA	EMBRAER
WG MEMBER	BRUNO WILLIAM DE SOUZA ANSELMO	EMBRAER
WG MEMBER	CARLOS AUGUSTO TEIXEIRA	EMBRAER
WG MEMBER	CESAR AUGUSTO COSTALONGA VAREJÃO FILHO	EMBRAER
WG MEMBER	CESAR ONGARO SILVA	EMBRAER
WG MEMBER	CRISLLEN PEREIRA	EMBRAER
WG MEMBER	DANIEL VAN DIJK	EMBRAER
WG MEMBER	ELIANE CRISITINA VIEIRA	EMBRAER
WG MEMBER	ERIC EDUARDO ALMEIDA	EMBRAER
WG MEMBER	GUILHERME SUNDFELD	EMBRAER
WG MEMBER	MAOQIAN CHEN	EMBRAER
WG MEMBER	MARCELO OLIVEIRA	EMBRAER
WG MEMBER	NEVILLE D'SOUZA	EMBRAER
WG MEMBER	TINGJI ZHANG	EMBRAER



MAINTENANCE REVIEW BOARD REPORT

1st GWG/ISC MEETING 2021 (CONTINUED)

WG MEMBER	TREVOR BAWDEN	EMBRAER
WG MEMBER	WITT WILLIAM	EMBRAER
WG MEMBER	ADAM DARNELL	VICTORY AIR LLC
WG MEMBER	AMAL ASOK	GEPL - STAR AIR
WG MEMBER	AYAKO HISATO	GMJ AIR SHUTTLE LLC
WG MEMBER	BAHATI ANGOLWISHYE	ROYAL AIR CHARTERS
WG MEMBER	CAMELIA TECSAN	EASTERN AIRWAYS
WG MEMBER	CHUCK SMITH	MCKEE FOODS TRANSPORTATION, LLC
WG MEMBER	DAVID GAGNON	VICTORY AIR LLC
WG MEMBER	DAWUTA IBANIBO	ANAP BUSINESS JETS LIMITED
WG MEMBER	JAIME ALEMAN	ENVOY
WG MEMBER	JANINE MEIRING	SAHARA AFRICAN AVIATION
WG MEMBER	JARANJIL BAYARMAGNAI	AERO MONGOLIA AIRLINES
WG MEMBER	JAMES CHRISTIAN	ENVOY
WG MEMBER	JORGE REDONDO	ANAP BUSINESS JETS LIMITED
WG MEMBER	JULIO BARRIOS	TAG AIRLINES
WG MEMBER	MAURICE MUKUNG	ALS LTD.
WG MEMBER	MICHAEL MYERS	PIEDMONT AIRLINES
WG MEMBER	OSCAR PHIRI	ROYAL AIR CHARTERS
WG MEMBER	ROBERT MATHE	FAA
WG MEMBER	ROSS PETERSON	PIEDMONT AIRLINES
WG MEMBER	SANTE BRUCOLI	EXODUS AIRCRAFT LLC
WG MEMBER	SCOTT PETERSON	CHAMPION AIR, LLC
WG MEMBER	SHEHAN FERNANDO	LOGANAIR LIMITED
WG MEMBER	SIDDHARTH PATEL	ALS LTD.
WG MEMBER	STUART ALEXANDER	LOGANAIR LIMITED
WG MEMBER	TONY CUNDILL	LOGANAIR LIMITED

1st GWG/ISC MEETING 2021 (CONTINUED)		
WG MEMBER	ŽAN VIDMAR	AERO4M, D.O.O
WG MEMBER	BRENT RUDDY	ROLLS-ROYCE
WG MEMBER	JOSHUA LONG	CONTOUR AVIATION

APPENDIX 5 GLOSSARY, ABBREVIATIONS & ACRONYMS

A5.1 GLOSSARY

ACCIDENTAL DAMAGE (AD)

Physical deterioration of an item caused by contact or impact with an object or influence which is not a part of the aircraft, or by human error during manufacturing, operation of the aircraft, or maintenance practices.

AGE EXPLORATION

A systematic evaluation of an item based on analysis of information collected from in-service experience. It verifies the item resistance to a deterioration process with respect to increasing age.

AIRWORTHINESS LIMITATIONS

A section of the instructions for continued airworthiness that contains each mandatory replacement time, structural inspection interval, and related structural inspection task. This section may also be used to define a threshold for fatigue-related inspections and the need to control corrosion to level 1 or better. The information contained in the Airworthiness Limitations section may be changed to reflect service and/or test experience or new analysis methods.

AIRWORTHINESS LIMITATION ITEMS FOR SFAR 88

In terms of SFAR 88, mandatory maintenance of the fuel system that can include Critical Design Configuration Control Limitations (CDCCL), inspections, or other procedures determined necessary to ensure that unsafe conditions identified by the SFAR 88 Mandatory Action Advisory Board do not occur and are not introduced into the fuel system as a result of maintenance actions, repairs, or alterations throughout the operational life of the airplane.

CORROSION LEVEL 1

Damage occurring between successive inspections that is within allowable damage limits;

or,

Damage occurring between successive inspections that does not require structural reinforcement, replacement or new damage tolerance based inspections;

or,

Corrosion occurring between successive inspections that exceeds allowable limits but can be attributed to an event not typical of operator usage of other aircraft in the same fleet;

or,

Light corrosion occurring repeatedly between inspections that eventually requires structural reinforcement, replacement or new damage tolerance based inspections.

CORROSION PREVENTION AND CONTROL PROGRAM (CPCP)

A program of maintenance tasks implemented at a threshold designed to control an aircraft structure to Corrosion Level 1 or better.

CRITICAL DESIGN CONFIGURATION CONTROL LIMITATIONS

Are airworthiness limitations that define the features of the design whose integrity must be maintained to ensure ignition sources will not develop in the fuel tank system.

DAMAGE TOLERANCE

A qualification standard for aircraft structure. An item is judged to be damage-tolerant if it can sustain damage and the remaining structure can withstand reasonable loads without structural failure or excessive structural deformation until the damage is detected.

DELAMINATION/DISBOND

Structural separation or cracking normally in the plane of the structure caused by accidental damage, environmental effects and/or cyclic loading.

DETAILED INSPECTION

An intensive examination of a specific item, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate. Inspection aids such as mirrors, magnifying lenses, or other means may be necessary. Surface cleaning and elaborate access procedures may be required. A DET can be more than just a visual inspection, since it may include tactile assessment in which a component or assembly is checked for tightness/security. It may require the removal of items such as access panels and drip shield, or the moving of components.

DISCARD

The removal from service of an item at a specified life limit.

DIRECT ADVERSE EFFECT ON OPERATING SAFETY

Direct:

To be direct, the functional failure or resulting secondary damage must achieve its effect by itself, not in combination with other functional failure (no redundancy exists and it is a primary dispatch item).

Adverse Effect on Safety:

This implies that the consequences are extremely serious or possibly catastrophic and might cause the loss of aircraft or injury to occupants.

Operating:

This is defined as the time interval during which passengers and crew are on board for the purpose of flight.

ECONOMIC EFFECTS

Failure effects which do not prevent aircraft operation, but are economically undesirable due to added labor and material cost for aircraft or shop repair.

ENVIRONMENTAL DETERIORATION (ED)

Physical deterioration of an item strength or resistance to failure as a result of chemical interaction with the climate or environment.

ELECTRICAL WIRING INTERCONNECTION SYSTEM (EWIS)

It is any wire, wiring device, or combination of these, including termination devices, installed in any area of the airplane for the purpose of transmitting electrical energy, including data and signals between two or more intended termination points.

This includes: wires and cables; bus bars; termination point on electrical devices, including those on relays, interrupters, switches, contactors, terminal blocks and circuit breakers, and other circuit protection devices; connectors, including feed-through connectors; connector accessories; electrical grounding and bonding devices and their associated connections; electrical splices; materials used to provide additional protection for wires, including wire insulation, wire sleeving, and conduits that have electrical termination for the purpose of bonding; shields or braids; clamps and other devices used to route and support the wire bundle; cable tie devices; labels or other means of identification; pressure

seals; EWIS components inside shelves, panels, racks, junction boxes, distribution panels, and back-planes of equipment racks, including, but not limited to, circuit board back-planes, wire integration units, and external wiring of equipment.

FAILURE

The inability of an item to perform within previously specified limits.

FAILURE CAUSE

Why the functional failure occurs.

FAILURE EFFECTS

What the result of a functional failure is.

FATIGUE DAMAGE (FD)

The initiation of a crack or cracks due to cyclic loading and subsequent propagation.

FATIGUE-RELATED SAMPLING INSPECTION PROGRAM

Inspections on specific aircraft selected from those which have the highest operating age/usage in order to identify the first evidence of deterioration in their condition caused by fatigue damage.

FLIGHT CYCLE

A complete take-off and landing sequence.

FLIGHT HOUR

With respect to maintenance time records, means the time from the moment an aircraft leaves the surface at the earth until it touches it at the next point of landing.

FUEL SYSTEM LIMITATIONS

Mandatory maintenance inspections or other procedures determined necessary to ensure that unsafe conditions do not occur and are not introduced into the fuel system; each limitation will describe the specific maintenance and inspection task, frequency and any other special requirements.

FUNCTION

The normal characteristic actions of an item.

FUNCTIONAL CHECK

A quantitative check to determine if one or more functions of an item is/are within specified limits.

FUNCTIONAL FAILURE

How an item failed to perform its function.

HIDDEN FUNCTION

1. A function which is normally active and whose cessation will not be evident to the operating crew during performance of normal duties.
2. A function which is normally inactive and whose readiness to perform, until it is needed, will not be evident to the operating crew during performance of normal duties.

GENERAL VISUAL INSPECTION

A visual examination of an interior or exterior area, installation, or assembly to detect obvious damage, failure, or irregularity. This level of inspection is made from within touching distance unless otherwise specified. A mirror may be necessary to enhance visual access to all exposed surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight, or droplight and may require removal or opening of access panels or doors. Stands, ladders, or platforms may be required to gain proximity to the area being checked.

INHERENT LEVEL OF RELIABILITY AND SAFETY

That level which is built into the unit and, therefore, inherent in its design. This is the highest level of reliability and safety that can be expected from a unit, system, or aircraft if it receives effective maintenance.

To achieve higher levels of reliability generally requires modification or redesign.

INSPECTION-DETAILED

An intensive visual examination of a specific structural area, system, installation or assembly to detect damage, failure or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate by the inspector. Inspection aids such as mirrors, magnifying lenses, etc. may be used. Surface cleaning and elaborate access procedures may be required.

INSPECTION-GENERAL VISUAL (SURVEILLANCE)

A visual examination of an interior or exterior area, installation or assembly to detect obvious damage, failures or irregularity. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight or drop-light and may require removal or opening of access panels or doors. Stands, ladders or platforms may be required to gain proximity to the area being checked.

INSPECTION-SPECIAL DETAILED

An intensive examination of a specific item(s), installation, or assembly to detect damage, failure or irregularity. The examination is likely to make extensive use of specialized Inspection Techniques and /or equipment. Intricate cleaning and substantial access or disassembly procedure may be required.

ITEM

Any level of hardware assembly (i.e., system, sub-system, module, accessory, component, unit, part, etc.).

LUBRICATION AND SERVICING

Any act of lubricating or servicing for the purpose of maintaining inherent design capabilities.

MAINTENANCE SIGNIFICANT ITEM - (MSI)

Items identified by the manufacture whose failure:

- a. could affect safety (on ground or in flight), and/or
- b. is undetectable during operations, and/or
- c. could have significant operational impact, and/or
- d. could have significant economic impact

MULTIPLE ELEMENT FATIGUE DAMAGE

The simultaneous cracking of multiple load path discrete elements working at similar stress levels.

MULTIPLE SITE FATIGUE DAMAGE

The presence of a number of adjacent, small cracks that might coalesce to form a single long crack.

NON-METALLICS

Any structural material made from fibrous or laminated components bonded together by a medium. Material such as graphite epoxy, boron epoxy, fiber glass, kevlar epoxy, acrylics and the like are non-metallics. Non-metallics include adhesive used to join other metallic or non-metallic structural materials.

OPERATING CREW NORMAL DUTIES

Operating Crew:

Qualified cockpit and cabin attendant personnel who are on duty.

Normal Duties:

Those duties associated with the operation of the aircraft, on a daily basis, to include the following:

- a. Procedures and checks performed during aircraft operation;
- b. Recognition of abnormalities or failures by the operating crew through the use of normal physical senses (e.g., odor, noise vibration, temperature, visual observation of damage or failure, changes in physical in-puts, force requirements, etc.).

OPERATIONAL CHECK

An operational check is a task to determine that an item is fulfilling its intended purpose. Does not require quantitative tolerances. This is a failure-finding task.

OPERATIONAL EFFECTS

Failure effects which interfere with the completion of the aircraft mission. These failures cause delays, cancellations, ground or flight interruptions, high drag coefficients, altitude restrictions, etc.

OTHER STRUCTURE

Structure which is judged not to be a Structural Significant Item.

"Other Structure" is defined both externally and internally within zonal boundaries.

REPEAT INTERVAL

The interval expressed in flight cycles, flight hours and/or calendar time, between successive accomplishments of a specific maintenance task.

RESIDUAL STRENGTH

The strength of a damaged structure.

RESTORATION

That work necessary to return the item to a specific standard.

Restoration may vary from cleaning or replacement of single parts up to a complete overhaul.

SAFE-LIFE STRUCTURE

Structure which is not practical to design or qualify as damage tolerant. Its reliability is protected by discard limits which remove items from service before fatigue cracking is expected.

SCHEDULED MAINTENANCE CHECK

Any of the maintenance opportunities which are prepackaged and are accomplished on a regular basis.

STRUCTURAL SIGNIFICANT ITEM - (SSI)

Any detail, element, or assembly, which contributes significantly to carry flight, ground, pressure or control loads and whose failure could affect the structural integrity necessary for the safety of the aircraft.

STRUCTURAL ASSEMBLY

One or more structural elements which together provide a basic structural function.

STRUCTURAL DETAIL

The lowest functional level in an aircraft structure. A discrete region or area of a structural element, or a boundary intersection of two or more elements.

STRUCTURAL ELEMENT

Two or more structural details which together form an identified manufacturer assembly part.

STRUCTURAL FUNCTION

The mode of action of aircraft structure. It includes acceptance and transfer of specified loads in items (details/elements/assemblies) and provides consistently adequate aircraft response and flight characteristics.

SYSTEM SAFETY ASSESSMENT (SSA)

A quantitative analysis used to determine compliance with applicable certification requirements (e.g. FAR 25.1309).

SYSTEM SAFETY ASSESSMENT ITEM (SSAI)

The input items provided to the Industry Steering Committee/Working Group from the manufacturer's design engineering group as a result of System Safety Assessment. Each item includes the failure cause, suggested task, and theoretical maximum interval.

TASKS-MAINTENANCE

An action or set of actions required to achieve a desired outcome which restores an item to or maintains an item in serviceable condition, including inspection and determination of condition.

THRESHOLD

Threshold is the period when a certain task is accomplished in the first time. After this period, the applicable interval is the repeated interval established in the maintenance program document.

VISUAL CHECK

A visual check is an observation to determine that an item is fulfilling its intended purpose. Does not require quantitative tolerances. This is a failure-finding task.

A5.2 ABBREVIATIONS

AH	APU OPERATING HOURS
AC	APU CYCLES
ALI	AIRWORTHINESS LIMITATION ITEM
CAT	CATEGORY
CDCCL	CRITICAL DESIGN CONFIGURATION CONTROL LIMITATION
DET	DETAILED INSPECTION
DIS	DISCARD
FR	FRAME

A5.2 ABBREVIATIONS (CONTINUED)

FNC	FUNCTIONAL CHECK
FUS	FUSELAGE
IN	INSPECTION
LUB	LUBRICATION
LWR	LOWER
MO	MONTH
OPC	OPERATIONAL CHECK
OVHT	OVERHEAT
RST	RESTORATION
SDE	SPECIAL DETAILED INSPECTION
SVC	SERVICE CHECK
SYS	SYSTEM
VCK	VISUAL CHECK
YR	YEAR

A5.3 ACRONYMS

AC	ADVISORY CIRCULAR
ACO	AIRCRAFT CERTIFICATION OFFICE
AD	ACCIDENTAL DAMAGE
ADC	AIR DATA COMPUTER
AFCS	AUTOMATIC FLIGHT CONTROL SYSTEM
AHRS	ATTITUDE AND HEADING REFERENCE SYSTEM
AMTOSS	AIRCRAFT MAINTENANCE TASK ORIENTED SUPPORT SYSTEM
ANAC	AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL
AOA	ANGLE OF ATTACK
APU	AIRBORNE POWER UNIT

A5.3 ACRONYMS (CONTINUED)

ASSY	ASSEMBLY
ATA	AIR TRANSPORT ASSOCIATION
ATS	AIR TURBINE STARTER
BITE	BUILT-IN TEST EQUIPMENT
CAA	CIVIL AVIATION AUTHORITY(UNITED KINGDOM)
CAAC	CIVIL AVIATION ADMINISTRATION OF CHINA
CCMR	CANDIDATE CERTIFICATION MAINTENANCE REQUIREMENT
CMC	CENTRAL MAINTENANCE COMPUTER
CMM	COMPONENT MAINTENANCE MANUAL
CMR	CERTIFICATION MAINTENANCE REQUIREMENT
CPCPN	CORROSION PREVENTION AND CONTROL PROGRAM
CTA	CENTRO TÉCNICO AEROESPACIAL
CVR	COCKPIT VOICE RECORDER
DAC	DEPARTAMENTO DE AVIAÇÃO CIVIL (BRASIL)
DAU	DATA ACQUISITION UNIT
DG	DIRECTIONAL GYRO
DPI	DIFFERENTIAL PRESSURE INDICATOR
DRC	DATA RECORDING/CALCULATING
DRT	DISCARD/REPLACE TASK
DSM	DESIGN STANDARDS MANUAL
EASA	EUROPEAN AVIATION SAFETY AGENCY
ECS	ENVIRONMENTAL CONTROL SYSTEM
ED	ENVIRONMENTAL DETERIORATIO
EGPWS	ENHANCED GROUND PROXIMITY WARNING SYSTEM
EICAS	ENGINE INDICATION AND CREW ALERTING SYSTEM
ELT	EMERGENCY LOCATOR TRANSMITTER

A5.3 ACRONYMS (CONTINUED)

EMB	EMBRAER
EMDP	ENGINE MOTOR DRIVEN PUMP
EWIS	ELECTRICAL WIRING INTERCONNECTION SYSTEM
EZAP	ENHANCED ZONAL ANALYSIS PROCEDURE
FAA	FEDERAL AVIATION ADMINISTRATION (USA)
FADEC	FULL AUTHORITY DIGITAL ENGINE CONTROL
FAR	FEDERAL AVIATION REGULATION
FC	FLIGHT CYCLE
FCOC	FUEL COOLED OIL COOLER
FCU	FUEL CONDITIONING UNIT
FD	FATIGUE DAMAGE
FDA	FATIGUE DAMAGE ANALYSIS
FDR	FATIGUE DAMAGE RATING
FDR	FLIGHT DATA RECORDER
FDMU	FLAP DRIVE MOTOR UNIT
FFS	FLAP FLEXIBLE SHAFT
FH	FLIGHT HOUR
FPMU	FUEL PUMP AND METERING UNIT
FQIS	FUEL QUANTITY INDICATION SYSTEM
FSA	FLAP SCREW-JACK ACTUATOR
FSL	FUEL SYSTEM LIMITATION
FWD	FORWARD
GPU	GROUND POWER UNIT
GPWS	GROUND PROXIMITY WARNING SYSTEM
GVI	GENERAL VISUAL INSPECTION
HIRF	HIGH INTENSITY RADIATED FIELD

A5.3 ACRONYMS (CONTINUED)

HLEIS	HIGH LEVEL EXCEEDING INDICATION SYSTEM
HP	HIGH PRESSURE
HPT	HIGH PRESSURE TURBINE
HYD	HYDRAULIC
IRS	INERTIAL REFERENCE SYSTEM
IRU	INERTIAL REFERENCE UNIT
ISC	INDUSTRY STEERING COMMITTEE
JAA	JOINT AVIATION AUTHORITIES
JAR	JOINT AIRWORTHINESS REQUIREMENTS (EUROPE)
LCU	LEVEL CONTROL UNIT
L/HIRF	LIGHTING /HIGH INTENSITY RADIATED FIELD
LG	LANDING GEAR
LH	LEFT HAND
LP	LOW PRESSURE
LPT	LOW PRESSURE TURBINE
MEL	MINIMUM EQUIPMENT LIST
MMEL	MASTER MINIMUM EQUIPMENT LIST
MFD	MULTI-FUNCTION DISPLAY
MFR	MANUFACTURER
MLG	MAIN LANDING GEAR
MLGB	MAIN LANDING GEAR BAY
MPD	MAINTENANCE PLANNING DOCUMENT
MPG	MAINTENANCE PLANNING GUIDE
MRB	MAINTENANCE REVIEW BOARD
MRBR	MAINTENANCE REVIEW BOARD REPORT
MRBRP	MAINTENANCE REVIEW BOARD REPORT PROPOSAL

A5.3 ACRONYMS (CONTINUED)

MSG	MAINTENANCE STEERING GROUP
MSI	MAINTENANCE SIGNIFICANT ITEM
MTB	MOTOR TRANSMISSION BRAKE
MTBF	MEAN TIME BETWEEN FAILURES
MTBUR	MEAN TIME BETWEEN UNSCHEDULED REMOVALS
MWG	MECHANICAL WORKING GROUP
NAA	NATIONAL AVIATION ADMINISTRATION
NDI	NON-DESTRUCTIVE INSPECTION
NDT	NON-DESTRUCTIVE TESTING
NLG	NOSE LANDING GEAR
NRU	NEUTRAL RECOVERY UNIT
P/N	PART NUMBER
PCA	POWER CONTROL ACTUATOR
PCU	POWER CONTROL UNIT
PMI	PRINCIPAL MAINTENANCE INSPECTOR
PPH	POLICY AND PROCEDURES HANDBOOK
PWG	POWERPLANT WORKING GROUP
R&M	RELIABILITY AND MAINTAINABILITY
RBHA	REQUISITO BRASILEIRO DE HOMOLOGAÇÃO AERONÁUTICA
RH	RIGHT HAND
RMU	RADIO MANAGEMENT UNIT
RTCA	RADIO TECHNICAL COMMISSION FOR AERONAUTICS
RVSM	REDUCED VERTICAL SEPARATION MINIMUM
SB	SERVICE BULLETIN
SDI	SPECIAL DETAILED INSPECTION
SFAR	SPECIAL FEDERAL AVIATION REGULATION

A5.3 ACRONYMS (CONTINUED)

SMRD	SCHEDULED MAINTENANCE REQUIREMENTS DOCUMENT
SPS	STALL PROTECTION SYSTEM
SRM	STRUCTURAL REPAIR MANUAL
SSA	SYSTEM SAFETY ASSESSMENT
SSI	STRUCTURAL SIGNIFICANT ITEM
SWG	STRUCTURAL WORKING GROUP
TAI	THERMAL ANTI-ICE
TAT	TOTAL AIR TEMPERATURE
TBD	TO BE DETERMINED
TBO	TIME BETWEEN OVERHAULS
TBR	TIME BETWEEN REMOVALS
TC	TYPE CERTIFICATE
TCAG	TRANSPORT CANADA AVIATION GROUP (CANADA)
TCS	TOUCH CONTROL STEERING
TR	TEMPORARY REVISION
VFCU	VENTRAL FUEL CONDITIONING UNIT
VFQIS	VENTRAL FUEL QUANTITY INDICATION SYSTEM
VHLEIS	VENTRAL HIGH LEVEL EXCEEDING INDICATION SYSTEM
VLCU	VENTRAL LEVEL CONTROL UNIT
VLLS	VENTRAL LOW LEVEL SYSTEM
WG	WORKING GROUP
WOW	WEIGHT-ON-WHEEL
ZWG	ZONAL WORKING GROUP

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APPENDIX 6

MANUFACTURER PUBLICATION LIST

A6.1 GENERAL

This section shows a cross reference table which allows the users to know the latest status of the manufacturer publication revisions, which were considered for the latest MRB revision.

CHAPTER/COMPONENT	REFERENCE NUMBER	PUBLICATION	LATEST REVISION		MANUFACTURER
21					
Electropneumatic Outflow Valve	21-31-03-140-001-A00	MM 21-35-72	0	Sep 30/95	ABG SEMCA
Pneumatic Outflow Valve	21-31-04-140-001-A00	MM 21-35-73	0	Aug 16/95	ABG SEMCA
Pack Air Filter	21-31-08-960-001-A00	MM 21-30-05	0	Oct 03/95	ABG SEMCA
23					
CVR Underwater	21-71-02-900-001-A00	MM 23-71-01	6	Jul 11/97	ALLIED
Locator Beacon		MM 23-70-44			SIGNAL
24					
APU Starter Generator	24-34-01-220-001-A00	MM 24-34-01			LUCAS
Back-up Battery	24-35-01-900-001-A00	MM 24-34-04	0	May 17/94	MARATHON
25					
First Aid Kit	25-60-01-212-001-A00				
Flotation Vest	25-60-02-212-001-A00	MM 25-11-71	1	Jun 25/97	
ELT	25-61-00-710-001-A00				
	25-61-00-710-002-A00				MARATHON
26					
Fire Extinguishing Bottle Press. Switch	26-21-03-720-001-A00	MM 26-21-01	0	Jan 15/97	AVIAC
Fire Extinguish Bottle Cartridges	26-21-04-960-001-A00	MM 26-20-200	2	Mar 01/95	PACIFIC SCIENTIFIC

CHAPTER/COMPONENT	REFERENCE NUMBER	PUBLICATION	LATEST REVISION		MANUFACTURER
26 (Continued)					
Two-way "Tee" Check Valve	26-21-05-720-001-A00	MM 26-21-29	0	Apr 15/95	PACIFIC SCIENTIFIC
APU Fire Extinguishing Bottle Press. Switch	26-22-02-720-001-A00	MM 26-20-200	2	Mar 01/95	PACIFIC SCIENTIFIC
APU Fire Extinguishing Bottle Cartridges	26-22-03-960-001-A00	MM 26-20-200	2	Mar 01/95	PACIFIC SCIENTIFIC
Two-way "Tee" Check Valve	26-23-04-720-001-A00	MM 26-21-29	0	Apr 15/95	PACIFIC SCIENTIFIC
Portable Fire Extinguisher	26-24-00-211-001-A00	MM 26-20-200	2	Mar 01/95	PACIFIC SCIENTIFIC
Portable Fire Extinguisher	26-24-00-280-001-A00	MM 26-20-200	2	Mar 01/95	PACIFIC SCIENTIFIC
Toilet Fire Extinguisher	26-25-01-211-001-A00	MM 26-20-200	2	Mar 01/95	PACIFIC SCIENTIFIC
28					
Relief Valve	28-21-03-720-001-A00	MM 28-22-09	0	Jan 24/99	PARKER-HANNIFIN
29					
Electric Motor Driven Pump	29-10-04-900-001-A00	MM 29-10-60	0	Jul 30/96	VICKERS
31					
Digital Clock	31-21-02-720-001-A00				SEXTANT
FDR Underwater Locator Beacon	31-31-02-900-001-A00	MM 31-30-40	8	Jul 07/97	ALLIED SIGNAL
32					
DELETED					
33					
Emergency Lighting Battery	33-50-04-900-001-A00	MM 25-60-03	6	Oct 15/97	DERLAN
35					
Protective Breathing Equipment	35-30-03-960-001-A00	MM 35-30-00	0	Oct 1990	L'AIR LIQUID/EROS
49					
APU	49-31-04-960-001-A00				SUNDSTRAND
	49-41-03-220-001-A00				
	49-91-00-610-001-A00				
	49-91-00-680-001-A00				



MAINTENANCE REVIEW BOARD REPORT

CHAPTER/COMPONENT	REFERENCE NUMBER	PUBLICATION	LATEST REVISION	MANUFACTURER
49 (Continued)				
APU	49-91-01-960-001-A00	MM 49-20-10 /103/507	2 Oct 15/97	
71				
Elastomeric Mounts	71-20-00-220-001-A00	LM 223- SA-1/SA-7	0 Jan 20/98	LORD
Engine	72-21-00-960-001-A00	CSP 34022	4 Dec 01/97	ALLISON
	72-21-04-960-001-A00			
	72-35-00-960-001-A00			
	72-52-00-960-001-A00			
	72-52-00-960-002-A00			
	72-58-00-960-001-A00			
	72-58-00-960-002-A00			
	72-58-00-960-003-A00			
	73-11-10-130-001-A00			
	79-23-00-960-001-A00			

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APPENDIX 7

DELETED TASKS FROM MRB

A7.1 GENERAL

This section contains all maintenance tasks which have been deleted since the original issue of this document.

SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS

REFERENCE NUMBER	REV. No.	CAT	DESCRIPTION	INTERVAL	EFFECTIVITY
05-51-01-220-001-A00	05	8	Inspect (Detailed Inspection) HIRF/Lighting Protection Systems Electrical and Electronic Connectors	C	ALL
22-11-00-710-001-A00	21	9	Operationally Check AFCS Go-Around Mode <u>NOTE:</u> Also Check TCS Mode.	C	ALL
23-51-00-710-001-A00	21	8	Operationally Check Audio System Emergency Mode	A	ALL
23-71-02-710-001-A00	21	9	Operationally Check CVR Underwater Locator Beacon	24 MO	ALL
24-34-00-710-001-A00	21	9	Operationally Check APU Generation Overcurrent Protection Circuit	C	ALL
24-34-00-710-002-A00	21	9	Operationally Check APU Generation Switching Circuit	C	ALL
24-34-01-220-001-A00	06	7	Inspect (Detailed Inspection) APU Starter Generator Brushes	400 AH	ALL
24-36-01-610-001-A01	09	6	Service Main Battery SAFT P/N 442CH1	600 FH	ALL
24-40-00-720-001-A00	21	7	Functionally Check GPU Overvoltage Protection	C	ALL
24-54-00-212-001-A00	21	7	Inspect (General Visual) PC Power Components <u>NOTE:</u> If PC Power System installed.	C	ALL
25-60-02-212-001-A00	11	6	Inspect (General Visual) Flotation Vest <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	12 MO	ALL
25-60-01-212-001-A00	12	6	Inspect (General Visual) First Aid Kit and Medical Kit for Condition and Validation <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	6 MO	ALL

SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	CAT	DESCRIPTION	INTERVAL	EFFECTIVITY
26-15-01-212-001-A00	17	8	Visually Check WALTER KIDDE Baggage Compartment Smoke Detection System Maintenance LED	4A	ALL
26-15-01-960-001-A00	16	8	Discard JAMCO Baggage Compartment Smoke Detector.	180 MO	ALL
26-21-02-280-001-A00	19	9	Inspect Engine Fire Extinguishing Bottle for Weight and Check Bottle Pressure <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	12 MO	ALL
26-21-02-720-001-A00	21	9	Perform Hydrostatic Check of the Engine Fire Extinguishing Bottle <u>NOTE:</u> From the manufacture date or last task accomplishment.	60 MO	ALL
26-21-02-720-002-A00	22	9	Functionally check Engine Fire Extinguishing Bottle for weight and Check Bottle Gauge pressure. <u>NOTE:</u> From the manufacture date or last task accomplishment.	12 MO	ALL
26-22-01-280-001-A00	19	9	Inspect APU Fire Extinguishing Bottle for Weight and Check Bottle Pressure <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	12 MO	ALL
26-22-01-720-001-A00	22	9	Perform Hydrostatic Check of APU Fire Extinguishing Bottle <u>NOTE:</u> From the manufacture date or last task accomplishment.	60 MO	ALL
26-22-01-720-002-A00	22	9	Functionally check APU Fire Extinguishing Bottle for weight and Check Bottle Gauge pressure. <u>NOTE:</u> From the manufacture date or last task accomplishment.	12 MO	ALL
26-23-01-280-001-A00	19	6	Inspect Baggage Compartment Fire Extinguishing Bottles (High Rate and Metering) for weight (Class "C" Baggage Compartment only).	12 MO	ALL



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SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	CAT	DESCRIPTION	INTERVAL	EFFECTIVITY
26-23-01-720-001-A00	22	6	Perform Hydrostatic Check of Baggage Compartment Fire Extinguishing Bottles (High Rate and Metering) <u>NOTE:</u> From the manufacture date or last task accomplishment.	120 MO	ALL
26-24-00-280-001-A00	17	9	Inspect Portable Fire Extinguishing Bottle for Weight (see Placard attached to the Bottle) <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	12 MO	ALL
26-24-01-720-001-A00	22	8	Perform Hydrostatic Check of Portable Fire Extinguishing Bottles P/N 892480 <u>NOTE:</u> From the manufacture date or last task accomplishment.	60 MO	ALL
26-24-01-720-001-A01	22	8	Perform Hydrostatic Check of Portable Fire Extinguishing Bottles P/N 100-9750, 466090, 898052, A352 Series and C352 Series <u>NOTE:</u> From the manufacture date or last task accomplishment.	144 MO	ALL
26-25-01-211-001-A00	10	9	Visually Check Lavatory Fire Extinguisher Bolt Pressure <u>NOTE:</u> Weight the Bottle every 12 months.	A	ALL
26-25-01-280-001-A00	19	9	Inspect Lavatory Fire Extinguisher Bottle for weight.	12 MO	ALL
27-12-00-710-001-A00	03	8	Operationally Check Mechanical Link of PCA/ Aileron	A	ALL
27-40-00-720-002-A00	09	7	Functionally Check Stabilizer Timer Function	C	ALL
27-51-00-640-002-A00	04	6	Lubricate the Flap Flexible Shafts (FFSs)	C	ALL
27-71-00-710-001-A00	11	09	Operationally Check Electromechanical Gust Lock System	4000 FH	ALL
27-71-00-710-002-A00	11	09	Operationally Check Electromechanical Gust Lock Solenoid Function	A	ALL
28-11-00-212-001-A00	21	7	Visually Check Underwing Surfaces, Tank Access Panels, Dump Valves and Drain Valves for Absence of Fuel Leakage <u>NOTE:</u> Or 14 days, whichever occurs first.	100 FH	ALL

SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	CAT	DESCRIPTION	INTERVAL	EFFECTIVITY
28-12-03-212-001-A00	21	7	Visually Check NACA Air Inlet for Absence of Obstruction <u>NOTE:</u> Or 14 days, whichever occurs first.	100 FH	ALL
28-20-00-212-001-A00	21	7	Visually Check Fuel Line Shroud Drains for Absence of Fuel Leakage <u>NOTE:</u> Or 14 days, whichever occurs first.	100 FH	ALL
29-10-00-720-001-A00	02	9	Functionally Check the Hydraulic System - (Electric Motor Driver Pump and Associated Circuit)	C	ALL
29-10-04-710-001-A00	21	8	Operationally Check Electric Motor-Driven Pump (EMDP) in AUTO and ON modes <u>NOTE:</u> Or 14 days, whichever occurs first.	100 FH	ALL
31-31-00-710-001-A00	21	9	FDR DATA - Personal Computer Downloading.	12 MO	ALL
31-31-02-710-001-A00	21	9	Operationally Check FDR Underwater Locator Beacon.	24 MO	ALL
31-41-00-710-001-A00	21	9	Operationally Check DAU Channel Reversion Function.	C	ALL
32-10-00-211-001-A00	21	9	Visually Check Main Landing Gear, Including Doors and Spring Cartridges <u>NOTE:</u> Or 14 days, whichever occurs first.	100 FH	ALL
32-10-03-900-002-A00	13	8	Restore MLG Lower Main Side Strut Assy <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-10-04-900-002-A00	13	8	Restore MLG Lower Secondary Side Strut Assy <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-10-05-900-001-A00	09	8	Restore MLG Spring <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-10-05-900-002-A00	13	8	Restore MLG Spring Cartridges Assy <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-20-01-720-001-A00	22	8	Functionally Check NLG Leg for Centering Cam Play <u>NOTE:</u> Perform at the opportunity of NLG Leg Strut Restoration.	144 MO	ALL
32-20-01-900-002-A00	13	8	Restore NLG Sliding Tube Assy <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL

SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	CAT	DESCRIPTION	INTERVAL	EFFECTIVITY
32-20-01-900-003-A00	13	8	Restore NLG Steering Cuff Assy <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-20-01-900-004-A00	13	8	Restore NLG Torque Link Assy <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-20-02-900-002-A00	13	8	Restore NLG Main Drag Strut Bottom Stay Assy <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-20-03-900-002-A00	13	8	Restore NLG Lower Auxiliary Drag Strut Assy <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-20-04-900-001-A00	09	8	Restore NLG Spring <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-20-04-900-002-A00	13	8	Restore NLG Downlock Spring Assy <u>NOTE:</u> Or 20000 FC, whichever occurs first.	144 MO	ALL
32-50-07-900-001-A00	09	6	Restore Feedback Potentiometer <u>NOTE:</u> At the time of NLG Restoration.	144 MO	ALL
33-50-04-900-001-A00	01	8	Restore Emergency Lighting System Battery	18 MO	ALL
33-50-12-280-001-A00	20	8	Inspect Photoluminescent Floor Proximity Strip Lights using Test Sample <u>NOTE:</u> If installed.	120 MO	ALL
33-50-12-720-001-A00	20	8	Functionally Check Photoluminescent Floor Proximity Strip Lights System	C	ALL
33-50-12-960-001-A00	11	8	Replace Photoluminescent Floor Proximity Strip Lights System	120 MO	ALL
34-13-00-212-002-A00	07	6	Inspect (General Visual) Pitot Drain Hose for the presence of water in pitot lines (*) <u>NOTE:</u> Applicable to Aircraft Post-Mod. SB 145-34-0008.	A	ALL (*)
34-22-00-710-001-A00	21	9	Operationally Check Electronic Flight Instrument System Reversion Function	C	ALL
34-41-00-710-002-A00	10	7	Operationally Check GPWS Reset Switch	100 FH	ALL

SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	CAT	DESCRIPTION	INTERVAL	EFFECTIVITY
35-10-07-720-002-A00	21	9	Functionally Check (Hydrostatic Test) Crew Oxygen Cylinder <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	60 MO	ALL
35-11-03-211-001-A00	21	7	Visually Check Oxygen Cylinder Pressure Relief Disc <u>NOTE:</u> Or 14 days, whichever occurs first.	100 FH	ALL
35-21-04-960-001-A00	22	8	Discard Passenger Oxygen Cylinder (Gaseous Oxygen System (Shuttle Configuration only))	180 MO	EMB-135LR
35-30-01-720-002-A00	22	9	Functionally Check (Hydrostatic Test) Portable Oxygen Cylinder <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	60 MO	ALL
36-11-01-720-001-A00	07	6	Inspect (Detailed Inspection) Engine Low Pressure Bleed Air Check Valve <u>NOTE:</u> Applicable to aircraft with Check Valve P/N 816603-3.	C	ALL
36-12-01-130-001-A00	01	6	Clean APU Bleed Valve Filter by Ultrasonic Method	C	ALL
38-37-10-960-001-A00	08	6	Discard Waste Drain Valve Cap Seal	60 MO	ALL
45-45-00-970-002-A00	18	7	CMC DATA - Personal Computer Downloading	A	ALL
49-11-01-212-001-A00	21	7	Inspect (Visual Inspection) APU and Starter Generator Air Intake and Exhaust Ducts for Foreign Material or Obstruction <u>NOTE:</u> Or 14 days, whichever occurs first.	100 FH	ALL
49-20-05-960-001-A00	21	6	Discard of turbine wheel. <u>NOTE:</u> Applicable only for APU Model APS500R (T-62T-40C14).	15000 AC	ALL
49-91-02-220-001-A00	05	9	Inspect (Detailed Inspection) APU Magnetic Plug	2000 AH	ALL
52-12-00-220-001-A00	04	7	Inspect Main Door Hydraulic Accumulator Nitrogen Charge	5A	ALL
52-14-00-220-001-A00	15	9	Inspect (Detailed Inspection) Main Door Draining System for Obstruction or Damage	C	ALL

SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	CAT	DESCRIPTION	INTERVAL	EFFECTIVITY
71-12-01-212-002-A00	21	7	Inspect (Visual Inspection) Engine and Generator Cooling Air Inlets/Outlets for Absence of Foreign Matter <u>NOTE</u> : Or 14 days, whichever occurs first.	100 FH	ALL
71-21-01-220-001-A00	02	9	Inspect (Detailed Inspection) Fan Blades	C	ALL
72-00-00-290-001-A00	05	6	Inspect Engine (Boroscope Inspection) for Performance Purpose	2000 FH	ALL
72-21-00-960-001-A00	10	6	Replace/Discard Fan Wheel and Fan Drive Shaft (*) <u>NOTE</u> : See Appendix 2 for life limit information	(*)	ALL
72-21-04-960-001-A00	10	6	Replace/Discard Fan Wheel Forward Retainer (*) <u>NOTE</u> : See Appendix 2 for life limit information.	(*)	ALL
72-35-00-960-001-A00	10	6	Replace/Discard Compressor Wheels (*) <u>NOTE</u> : See Appendix 2 for life limit information.	(*)	ALL
72-39-05-220-001-A00	02	9	Inspect (Detailed Inspection) of Split Inner-Racer Ball Bearing N.4 (Applicable for P/N 23061084 and 23064224)	3000 FH	ALL
72-52-00-960-001-A00	10	6	Replace/Discard High Pressure Turbine Wheels (*) <u>NOTE</u> : See Appendix 2 for life limit information.	(*)	ALL
72-52-00-960-002-A00	10	6	Replace/Discard High Pressure Turbine Spacer (*) <u>NOTE</u> : See Appendix 2 for life limit information.	(*)	ALL
72-58-00-960-001-A00	10	6	Replace/Discard Low Pressure Turbine Wheels (*) <u>NOTE</u> : See Appendix 2 for life limit information.	(*)	ALL
72-58-00-960-002-A00	10	6	Replace/Discard Power Turbine Forward Shaft (*) <u>NOTE</u> : See Appendix 2 for life limit information.	(*)	ALL
72-58-00-960-003-A00	10	6	Replace/Discard Low Pressure Inter stage Spacer (*) <u>NOTE</u> : See Appendix 2 for life limit information.	(*)	ALL
73-21-06-710-001-A00	01	9	Operationally Check Fuel Filter Impending Bypass Indicating System	2A	ALL

SYSTEMS & POWERPLANT INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	CAT	DESCRIPTION	INTERVAL	EFFECTIVITY
73-22-01-720-001-A00	12	9	Inspect the FADEC discrete labels <u>NOTE:</u> Or 120 days, whichever occurs first. This task is applicable only to aircraft NOT equipped with: FADEC IV.2, B4.3 and on versions; EICAS 16 and on versions; and CMC 9 and on versions.	A	ALL
73-22-01-720-002-A00	12	9	Inspect FADEC Maintenance Messages (*) <u>NOTE:</u> This task is applicable only to aircraft NOT equipped with: FADEC IV.2, B4.3 and on versions; EICAS 16 and on versions; and CMC 9 and on versions.	250 FH	ALL
73-30-04-211-001-A00	18	9	Visually Check the FADEC Anti-Vibration Mounts	C	ALL
74-21-01-220-001-A00	18	6	Inspect (Detailed Inspection) Igniters	4000 FH	ALL
78-31-00-212-002-A00	08	8	Inspect (Visual Inspection) Thrust Reverser Structure for Damage, Failure or Irregularities	2C	ALL
79-11-01-212-001-A00	12	9	Inspect (General Visual) Oil Tank Engine AE3007A Pre-Mod. SB AE3007A-79-010	A	ALL
79-23-01-960-001-A00	09	9	Discard Oil Filter Element	2A	ALL
79-37-00-710-001-A00	01	9	Operationally Check Oil Filter Impending Bypass Switch for Electrical Short	2C	ALL
79-37-01-710-001-A00	01	9	Operationally Check Indicating Magnetic Plug Assembly	2C	ALL
80-10-01-220-001-A00	10	6	Inspect (Detailed Inspection) Air Turbine Starter (ATS) Magnetic Plug for accumulation of metallic particles	A	ALL
80-10-01-610-001-A00	10	6	Check Air Turbine Starter (ATS) Oil Level	A	ALL
80-10-01-960-001-A00	10	6	Replace Air Turbine Starter (ATS) Oil	A	ALL

DELETED TASKS FROM MRB

STRUCTURAL INSPECTION REQUIREMENTS

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
52-10-00-210-C01-A00	02	Externally inspect the MAIN DOOR components: • Structure (SSI 52-10-01/NT) : For door with collapsible handrails inspect every 2C check	C	811	ALL
52-10-00-210-801-A00	06	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Main door folding flap structures (SSI 52-10-02)	C	811	ALL
52-10-00-210-801-A01	06	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door folding flap structures (SSI 52-10-02)	2C	811	ALL
52-10-00-210-801-A02	06	Externally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Main door folding flap structures (SSI 52-10-02)	2C	811	ALL
52-10-00-220-801-A02	07	Internally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Main door folding flap stops (SSI 52-10-04) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	C	811	ALL
52-10-00-220-802-A02	07	Internally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Main door folding flap structure (SSI 52-10-02)	2C	811	ALL
52-10-00-220-803-A02	07	Externally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Stop & backup structures (SSI 52-10-03)	C	811	ALL
52-10-00-220-804-A02	07	Externally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Main door wheel housing (SSI 52-10-07)	2C	811	ALL
52-10-00-220-805-A02	07	Internally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Main door wheel housing (SSI 52-10-07)	4C	811	ALL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
52-10-00-220-806-A02	07	Internally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Stop & backup structures (SSI 52-10-03)	C	811	ALL
52-10-00-220-807-A02	07	Internally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	C	811	ALL
52-10-00-220-808-A02	07	Internally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Main door structure (SSI 52-10-01)	2C	811	ALL
52-10-00-220-809-A02	07	Externally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	C	811	ALL
52-10-00-220-810-A02	07	Externally inspect the MAIN DOOR (DOOR WITH COLLAPSIBLE-HANDRAIL MODEL) components: • Main door folding flap structures (SSI 52-10-02)	2C	811	ALL
52-21-00-210-801-A00	02	Internally inspect the PASSENGER CABIN ESCAPE HATCHES Components: • Escape hatch window frame (SSI 52-21-07)	4C	812/822	ALL
52-30-00-210-801-A00	01	Internally inspect the BAGGAGE DOOR components: • Baggage door stops and fittings (SSI 52-30-09)	4C	813	ALL
53-12-00-220-801-A00	02	Internally inspect the FUSELAGE components: • Windshield lateral post and its attachment (SSI 53-10-20) • Cockpit window rear post and its attachment (SSI 53-10-22)	3C	223/224	ALL
53-21-00-210-802-A00	01	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringer and frames/bulkhead (SSI 53-20-07)	5A	131/132 233/234	ALL
53-21-00-210-803-A00	06	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	2C	131/132 231/232 233/234	ALL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
53-21-00-210-804-A00	06	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/ bulkheads, and splices (SSI 53-20-07)	2C	231/232	ALL
53-21-00-210-807-A00	09	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/ bulkheads, and splices (SSI 53-20-07)	5A	231/232 233/234	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-21-00-210-808-A00	09	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/ bulkheads, and splices (SSI 53-20-07)	5A	131/132	EMB-145XR
53-21-00-210-809-A00	09	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/ bulkheads, and splices (SSI 53-20-07)	5A	231/232	EMB-145XR
53-21-00-210-810-A00	09	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/ bulkheads, and splices (SSI 53-20-07)	5A	233/234	EMB-145XR
53-21-00-220-801-A00	06	Externally inspect the FUSELAGE components: • Passenger door cutout reinforcing structures (SSI 53-20-09)	C	231	ALL
53-21-00-220-804-A00	01	Internally inspect the FUSELAGE components: • Main door attachment fittings and interface parts (SSI 53-20-04) • Service door attachment fittings and interface part (SSI 53-20-05)	4C	231/232	ALL
53-21-00-220-808-A00	06	Externally inspect the FUSELAGE components: • Service door cutout reinforcing structures (SSI 53-20-10)	C	131/132 231/232	ALL
53-21-00-220-809-A00	06	Externally inspect the FUSELAGE components: • Frame 15&18LHS splices at stringers 3L&16L (SSI 53-20-12)	C	131/132 231/232	ALL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
53-21-00-220-810-A00	06	Externally inspect the FUSELAGE components: • Stringer 6 & 16 splices at frames 20 & 22 (SSI 53-20-13)	C	232	ALL
53-21-00-250-801-A00	01	Internally inspect the FUSELAGE components by using Eddy Current Inspection Method: • Fuselage skin longitudinal splices along main door cutout (SSI 53-20-41) • Fuselage skin longitudinal splices along service door cutout (SSI 53-20-42)	C	231/232	ALL
53-22-00-210-802-A00	01	Externally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	C	243/244	ALL
53-22-00-220-804-A00	11	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringer, frames/bulkheads, and splices (SSI 53-20-07)	3831 FC	241/242	EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-210-801-A00	01	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringer and frames/bulkheads (SSI 53-20-07)	2C	251/252	ALL
53-23-00-210-806-A00	09	Externally inspect the FUSELAGE components: • Overwing fuselage skin panel (SSI 53-20-16)	9882 FC	251/252	EMB-145XR
53-23-00-220-809-A00	09	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/ bulkheads, and splices (SSI 53-20-07)	2C	153/154 251/252	EMB-145XR
53-24-00-210-802-A00	01	Externally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	C	263/264	ALL
53-24-00-210-805-A00	09	Externally inspect the VENTRAL FUEL TANK components: • Ventral Fuel Tank Attachment Points, including main bolts (SSI 53-20-86)	2C	196	EMB-145XR
53-24-00-210-809-A00	09	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	9196 FC	263/264	EMB-145XR

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
53-24-00-220-804-A00	09	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/ bulkheads, and splices (SSI 53-20-07)	2C	161/162	EMB-145XR
53-31-00-210-801-A00	01	Internally inspect the FUSELAGE components: • Baggage door lateral L-shape (SSI 53-30-03)	2C	271/272	ALL
53-31-00-210-803-A00	02	Externally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48)	5A	271/272	ALL
53-31-00-220-801-A00	06	Internally inspect the FUSELAGE components: • Baggage compartment floor beams and columns (SSI 53-30-28)	C	171/172	ALL
53-31-00-220-805-A00	01	Externally inspect the FUSELAGE components: • Maintenance door cutout structure (SSI 53-30-49)	5A	271/272	ALL
53-31-00-220-817-A00	09	Internally inspect the FUSELAGE components: • Baggage door lateral L-shape (SSI 53-30-03)	C	271/272	ALL
53-31-00-220-837-A00	09	Internally inspect the FUSELAGE components: • Bulkhead to engine pylon attachment (SSI 53-30-35) <u>NOTE:</u> During this inspection, the CPCP basic task shall also be performed for this SSI.	C	271/272	EMB-145XR
53-31-00-220-839-A00	11	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07) <u>NOTE:</u> Remove bumper plate, if installed.	5000 FC	271/272	EMB-145XR
53-32-00-210-802-A00	09	Externally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	C	311/312	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
53-32-00-210-803-A00	09	Externally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	C	311/312	EMB-145XR
54-50-00-240-801-A00	02	Internally inspect the PYLON components, using magnetic particles inspection method: • Engine mounts (including bolts) (SSI 54-50-03)	C	271/272	ALL
54-50-00-220-803-A00	17	Internally inspect the PYLON components: Pylon Skin (SSI 54-50-04) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	T: 18000 FC I: 5000 FC	414/424	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
54-50-00-220-806-A00	17	Internally inspect the PYLON components: • Pylon Skin (SSI 54-50-04) <u>NOTE</u> : During this inspection, the CPCP basic task shall also be performed for this SSI.	T: 15030 FC I: 5000 FC	414/424	EMB-145XR
55-10-00-210-801-A00	01	Internally inspect the HORIZONTAL STABILIZER components: • Front and rear auxiliary spar webs and caps, including center fitting/spar attachment (55-10-11)	2C	333/334	ALL
55-10-00-210-802-A00	01	Externally inspect the following HORIZONTAL STABILIZER components: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	5A	337	ALL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
55-10-00-210-807-A00	09	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 – upper surface (SSI 55-10-01)	2C	333/334	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
55-10-00-220-805-A00	06	Internally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 – lower surfaces (SSI 55-10-06)	2C	333/334	ALL
55-10-00-220-814-A00	06	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from rib sta. YH=350 to rib sta. YH=990 – upper surface (SSI 55-10-07)	2C	333/334	ALL
55-10-00-220-815-A00	06	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 lower surface (SSI 55-10-01)	2C	333/334	ALL
55-10-00-250-802-A00	06	Externally inspect the HORIZONTAL STABILIZER components by the eddy current inspection method: • Pin, internal and external hinge, STABILIZER (SSI 55-10-24)	17000 FC	337	ALL
55-20-00-210-801-A00	22	Internally inspect the ELEVATOR components: • Elevator horn mass balance weights and attachments (SSI 55-20-90)	2500 FC	335/336	ALL
55-20-00-210-802-A00	01	Internally inspect the ELEVATOR components: • Tab wheel drive support fittings (SSI 55-20-35)	2C	335/336	ALL
55- 40-00-210-801-A00	07	Externally inspect the RUDDER Components: • Ribs-skin attachment (RUDDER II) (SSI 55- 40-88) NOTE: This inspection is applicable to the rudder II trailing edge region (last 3 rows of rivets) and also the trailing edge riveting row.	A	327	ALL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
57-11-00-210-801-A00	06	Externally inspect the WING STUB components: • Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments X=13601, L - shape fuselage frame 40 attachments & fuselage stringers attachments (SSI 57-11-19)	C	155/156 157	ALL
57-11-00-210-802-A00	06	Externally inspect the WING STUB components: • Spar 3 - Fuselage bulkhead attachments X=16783.5, L - shape fuselage frame 50 attachments and fuselage stringer attachments (SSI 57-11-21)	C	155/156 157	ALL
57-11-00-220-801-A00	01	Externally inspect the WING STUB components: • Lower skin - rear fitting and integral rear fitting panel (SSI 57-11-15) • Lower skin - rear fitting-to-skin attachments and spars 1 & 2 - stub-to-wing attachments (SSI 57-11-17) • Spar 1 - lower front fitting attachments and spar 2-lower rear fitting attachments (SSI 57-11-18) • Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments X=13601, L-shape fuselage frame 40 attachments & fuselage stringers attachments (SSI 57-11-19) • Spar 2 - Titanium fitting attachments and fuselage bulkhead attachments X=15315 (SSI 57-11-20) • Spar 3 - fuselage bulkhead attachments X=16783.5, L-shape fuselage frame 50 attachments and fuselage stringer attachments (SSI 57-11-21)	5A	155/156	ALL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
57-11-00-220-802-A00	01	Internally inspect the WING STUB components: • Lower skin - rear fitting and integral panel (SSI 57-11-15) • Lower skin - rear fitting-to- skin attachments and spars 1 & 2 - stub-to-wing attachments (SSI 57-11-17) • Spar 1 - lower front fitting attachments and spar 2-lower rear fitting attachments (SSI 57-11-18) • Spar 1 - Titanium fitting attachments, fuselage bulkhead attachments X=13601, L- shape fuselage frame 40 attachments & fuselage. • Spar 2 - Titanium fitting attachments and fuselage bulkhead attachments X=15315 (SSI 57-11-20) • Spar 3 - fuselage bulkhead attachments X=16783.5, L-shape fuselage frame 50 attachments and fuselage stringer attachments (SSI 57-11-21)	5A	155/156	ALL
57-11-00-220-803-A00	01	Externally inspect the WING components: • Skin panel (SSI 57-21-26)	—	—	ALL
57-11-00-220-804-A00	01	Internally inspect the WING STUB components: • Fuselage bulkhead X=15315-to-frame 46 attachments (SSI 57-11-24)	4C	155/156	ALL
57-11-00-220-806-A00	02	Externally inspection WING STUB components: • Spar 3 and rib 4-rod-end-link (SSI 57-11-22) • Fuselage bulkhead X=15315-to-frame 46 attachments (SSI 57-11-24) • Fuselage bulkhead X=13601 and fuselage bulkhead X=13601-to-frame 40 attachments (SSI 57-11-23)	2C	155/156	ALL
57-21-00-220-801-A00	01	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	C	532/632	ALL
57-21-00-210-802-A00	01	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	2C	541/641	ALL
57-21-00-210-808-A00	07	Internally inspect the WING components: • Upper skin/spar attachments (SSI 57-21-37)	5A	532/632	ALL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
57-21-00-210-809-A00	09	Internally inspect the WING components: • Lower skin/ spar attachments (SSI 57-21-36)	C	551/651	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-813-A00	09	Externally inspect the WING components: • Lower skin/ spar attachments (SSI 57-21-36)	C	551/651	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-824-A00	09	Internally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	4,888 FC	531/631 541/641 551/651	EMB-145XR
57-21-00-220-806-A00	09	Internally inspect the WING components: • Actuator access holes (SSI 57-21-34)	5A	551/651	EMB-145XR
57-21-00-220-811-A00	09	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	5A	541/641 551/651	EMB-145XR

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
57-21-00-220-812-A00	09	Internally inspect the WING components: • Lower vent hole (SSI 57-21-33)	5A	541/641	EMB-145XR
57-21-00-220-813-A00	09	Internally inspect the WING components: • Skin panels (SSI 57-21-26)	4A	532/632	EMB-145XR
57-22-00-210-802-A00	01	Internally inspect the WING components: • Spar 1/leading edge attachment (SSI 57-22-43)	2C	531/631 541/641 551/651	ALL
57-22-00-210-804-A00	09	Externally inspect the WING components: • Spar 1 / leading edge attachments (SSI 57-22-43)	C	531/631	ALL
57-22-00-220-803-A00	08	Internally inspect the WING components: • Spar 1/Web cutouts (SSI 57-22-42)	2C	551/651	ALL
57-22-00-220-805-A00	08	Externally inspect the WING components: • Spar 1/Web cutouts (SSI 57-22-42)	2C	551/651	ALL
57-22-00-250-802-A00	08	Internally inspect the WING component by using Eddy Current Inspection Method: • Wing-spar I web cutout (SSI 57-22-42)	23000 FC	551/651	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
57-22-00-250-804-A00	08	Internally inspect the WING component by using Eddy Current Inspection Method: • Wing-spar I web cutout (SSI 57-22-42)	16000 FC	551/651	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-23-00-220-803-A00	02	Internally inspect the WING components: • Spar 2, web and stiffeners (SSI 57-23-45) • Spar 2, web cutouts (SSI 57-23-47)	2C	531/631 541/641	ALL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
57-26-00-220-801-A00	04	Internally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56) (NT) : For Aircraft Pre-Mod. SB 145-57-009 inspect every "A" Check For Aircraft Pre-Mod. SB 145-57-018 inspect every "5A" Check	C	532/632	ALL
57-26-00-220-803-A00	04	Internally inspect the WING components: • Bearing cap - MLG (SSI 57-26-94)	C	532/632	ALL
57-26-00-250-801-A00	01	Internally inspect the WING components by using Eddy Current inspection method: • Attachments lugs - MLG (SSI 57-26-56)	C	532/632	ALL
57-26-00-250-808-A00	09	Externally inspect the WING components using Eddy Current inspection method: • FWD & AFT side brace fittings (SSI 57-26-56)	17756 FC	532/632	EMB-145XR
57-28-00-210-809-A00	09	Internally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	4A	541/641	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK
57-28-00-210-811-A00	09	Externally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	4A	541/641	EMB-145XR
57-28-00-220-802-A00	01	Internally inspect the Wing components: • Ribs, torque box (SSI 57-28-60)	5A	541/641	ALL
57-28-00-220-803-A00	01	Externally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	5A	541/641	ALL
57-28-00-220-808-A00	03	Internally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	5A	541/641	ALL
57-28-00-250-801-A00	01	Internally inspect the WING components by the "Eddy Current" inspection method: • Ribs, torque box (SSI 57-28-60)	2C	532/632	ALL

STRUCTURAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
57-28-00-250-802-A00	01	Externally inspect the WING components by the "Eddy Current" inspection method: • Ribs, torque box (SSI 57-28-60)	2C	532/632	ALL
57-28-00-250-808-A00	02	Internally inspect the WING components using "Eddy Current" inspection method: • Bearing cap - MLG (SSI 57-26-57)	12000 FC	532/632	ALL
57-52-00-210-801-A00	09	Externally inspect the FLAP components: • Vane center fitting, inboard flap (SSI 57-52-78)	5A	571/671	ALL
57-52-00-220-801-A00	01	Internally inspect the FLAP components: • Fitting tip spar, inboard flap (SSI 57-52-73) • Ribs/skin attachment, inboard flap (SSI 57-52-79)	4C	571/671	ALL
57-53-00-210-801-A00	09	Externally inspect the FLAP components: • Vane center fitting, outboard flap (SSI 57-53-85)	5A	572/672	ALL
57-53-00-220-803-A00	09	Externally inspect the FLAP components: • Rib/skin attachment, outboard flap (SSI 57-53-86)	5A	572/672	EMB-145XR
57-53-00-220-804-A00	09	Internally inspect the FLAP components: • Rib/skin attachment, outboard flap (SSI 57-53-86)	2C	572/672	EMB-145XR

DELETED TASKS FROM MRB

CORROSION PREVENTION AND CONTROL PROGRAM

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
52-10-00-220-C01-A00	14	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	60 MO	811	ALL
52-10-00-220-C01-A02	07	Internally inspect the MAIN DOOR (COLLAPSIBLE-HANDRAIL MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	2C	811	ALL
52-10-00-220-C02-A02	07	Externally inspect the MAIN DOOR (COLLAPSIBLE-HANDRAIL MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	C	811	ALL
52-10-00-220-C03-A00	01	Internally inspect the MAIN DOOR components: • Stops & back up structures (SSI 52-10-03)	C	811	ALL
52-10-00-220-C06-A02	07	Externally inspect the MAIN DOOR (COLLAPSIBLE-HANDRAIL MODEL) components: • Structure (SSI 52-10-01)	2C	811	ALL
52-21-00-210-C01-A00	02	Externally inspect the PASSENGER CABIN ESCAPE HATCHES components: • Structure (SSI 52-21-06)	2C	812/822	ALL
52-21-00-210-C02-A00	02	Internally inspect the PASSENGER CABIN ESCAPE HATCHES components: • Structure (SSI 52-21-06)	4C	812/822	ALL
52-30-00-220-C01-A00	06	Internally inspect the BAGGAGE DOOR components: • Baggage door structure (SSI 52-30-08)	4C	813	ALL
53-11-00-210-C09-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin Circumferential splice (SSI 53-10-14)	2C	113/114 213/214	ALL
53-11-00-210-C10-A00	09	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-10-15)	2C	113/114 213/214	ALL
53-11-00-220-C06-A00	12	Internally inspect the FUSELAGE components: • Longerons (SSI 53-10-46)	96 MO	113/114	EMB-145XR

CORROSION PREVENTION AND CONTROL PROGRAM (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
53-12-00-210-C02-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-10-08)	2C	123/124 223/224	ALL
53-12-00-210-C06-A00	02	Internally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17) • Cockpit window cutout structure (SSI 53-10-18)	4C	223/224 225/226	ALL
53-12-00-210-C08-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-10-14)	2C	123/124 223/224 225/226	ALL
53-12-00-210-C09-A00	09	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-10-15)	2C	123/124 223/224	ALL
53-12-00-220-C05-A00	03	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)	4C	115/116 215/216 121/122 221/222	ALL
53-21-00-210-C01-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	C	131/132	ALL
53-21-00-220-C01-A00	01	Externally inspect the FUSELAGE components: • Stops and backup structures for main door (SSI 53-20-01)	C	231/232	ALL
53-21-00-220-C02-A00	01	Externally inspect the FUSELAGE components: • Main door attachment fittings and interface parts (SSI 53-20-04) • Service door attachment fittings and interface parts (SSI 53-20-05)	2C	231/232	ALL
53-21-00-220-C04-A00	02	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns (SSI 53-20-11)	2C	231/232	ALL
53-22-00-210-C01-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	C	141/142	ALL
53-22-00-210-C02-A00	03	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	2C	241/242	ALL
53-22-00-210-C04-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	C	141/142	AL

CORROSION PREVENTION AND CONTROL PROGRAM (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
53-23-00-210-C01-A00	GVI	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	60 MO	151/152 153/154	EMB-145EU EMB-145EP EMB-145ER EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-23-00-210-C03-A00	01	Externally inspect the fuselage components: • Emergency exit cutout (SSI 53-20-51)	C	251/252	ALL
53-23-00-210-C05-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	2C	251/252	ALL
53-24-00-210-C05-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	C	161/162 261/262	ALL
53-24-00-210-C06-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	C	161/162 261/262	ALL
53-31-00-210-C01-A00	07	Externally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-30-14)	C	171/172	ALL
53-32-00-210-C03-A00	06	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-30-08)	2C	311/312	ALL
53-32-00-210-C04-A00	06	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-30-14)	2C	311/312	ALL
55-10-00-210-C01-A00	01	Externally inspect the horizontal stabilizer components: • Skin, from fin to rib sta. YH=350 - upper surface (SSI 55-10-01) • Skin, from rib sta. YH=350 to rib sta. YH=990 - upper surface (SSI 55-10-02) • Skin, from rib sta. YH=990 to rib sta. YH=2965 - upper surface (SSI 55-10-03) • Skin, from fin to rib sta. YH=350 - lower surface (SSI 55-10-06) • Skin, from rib sta. YH=350 to rib sta. YH=990 - lower surface (SSI 55-10-07) • Skin, from rib sta. YH=990 to rib sta. YH=2965 - lower surface (SSI 55-10-08)	2C	333/334	ALL

CORROSION PREVENTION AND CONTROL PROGRAM (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
55-10-00-210-C04-A00	03	Internally inspect the horizontal stabilizer components: • Ribs, from rib sta YH=30 to rib sta YH=990 (SSI 55-10-04)	2C	333/334	ALL
55-10-00-220-C07-A00	06	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from rib sta. YH=990 to rib sta. YH=2965-lower surface (SSI 55-10-08)	2C	333/334	ALL
55-20-00-220-C01-A00	06	Internally inspect the ELEVATOR components using a boroscope: • Ribs, between sta. YH=983,4 and sta. YH=1898 (SSI 55-20-31)	2C	335/336	ALL
55-20-00-220-C04-A00	06	Internally inspect the ELEVATOR components using a boroscope: • Ribs, between sta. YH=1898 and sta. YH=3001 (SSI 55-20-32)	2C	335/336	ALL
55-40-00-220-C01-A00	01	Externally inspect the rudder component: • Hinges - rudder I (SSI 55-40-85)	2C	326	ALL
55-40-00-220-C02-A00	01	Externally inspect the rudder component: • Hinges - rudder II (SSI 55-40-89)	2C	327	ALL
57-11-00-220-C01-A00	01	Externally inspect the WING STUB components: • Spar 3 and rib 4 - rod-end link (SSI 57-11-22) • Fuselage bulkhead X=153158-to-frame 46 attachments (SSI 57-11-24)	2C	155/156	ALL
57-21-00-210-C03-A00	12	Externally inspect the WING components: • Lower vent hole (SSI 57-21-33)	60 MO	541/641	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-C04-A00	01	Externally inspect the WING components: • Actuator access holes (SSI 57-21-34)	2C	551/651	ALL

CORROSION PREVENTION AND CONTROL PROGRAM (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
57-21-00-210-C13-A00	02	Internally inspect the WINE components: • Lower skin access holes (SSI 57-21-32)	4C	531/631 532/632 541/641 551/651	ALL
57-21-00-220-C01-A00	12	Externally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	60 MO	531/631 541/641	EMB-145XR
57-22-00-210-C01-A00	01	Internally inspect the WING component: • Spar 1, cap (SSI 57-22-41)	4C	531/631 541/641 551/651	ALL
57-22-00-210-C02-A00	01	Internally inspect the WING components: • Spar 1/leading edge attachments (SSI 57-22-43)	4C	541/641 551/651	ALL
57-22-00-210-C03-A00	01	Externally inspect the WING components: • Spar 1/leading edge attachment (SSI 57-22-43)	2C	551/651	ALL
57-23-00-210-C02-A00	01	Internally inspect the WING components: • Spar 2/wing stub attachments (SSI 57-23-46)	2C	531/631	ALL
57-23-00-210-C02-A00	01	Internally inspect the WING components: • Spar 2, cap (SSI 57-23-46)	4C	531/631 541/641	ALL
57-23-00-220-C02-A00	01	Internally inspect the WING components: • Spar 2, web cutouts (SSI 57-23-47)	2C	551/651	ALL
57-23-00-220-C03-A00	01	Internally inspect the WING components: • Spar 2, web and stiffeners (SSI 57-23-45) • Spar 2, web cutouts (SSI 57-23-47)	4C	531/631 541/641	ALL
57-24-00-210-C01-A00	01	Externally inspect the WING components: • Spar 3/wing stub attachments (SSI 57-24-52)	C	532/632	ALL
57-28-00-210-C04-A00	09	Externally inspect the WING components: • Upper skin, torque box (SSI 57-28-61)	2C	532/632 541/641 551/651	ALL
57-28-00-210-C05-A00	01	Externally inspect the WING components: • Spar 3 attachments, torque box 2 (SSI 57-28-63)	2C	541/641	ALL

CORROSION PREVENTION AND CONTROL PROGRAM (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
57-28-00-210-C12-A00	01	Internally inspect the WING components: • Spar 3 attachments, torque box 2 (SSI 57-28-63)	4C	541/641	ALL
57-28-00-220-C02-A00	01	Internally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	2C	532/632 541/641	ALL
57-28-00-220-C04-A00	01	Externally inspect WING components: • Ribs, torque box (SSI 57-28-60)	2C	532/632 541/641	ALL
57-28-00-220-C06-A00	01	Externally inspect the WING components: • Attachments, center flap outboard track (SSI 57-28-68)	2C	541/641	ALL
57-28-00-220-C08-A00	06	Internally inspect the WING components: • Tracks/ribs attachment, torque box (SSI 57-28-62)	4C	532/632 541/641	ALL
57-28-00-220-C10-A00	06	Externally inspect the WING components: • Lower skin, torque box 3 (SSI 57-28-58)	C	532/632	ALL
57-50-00-210-C01-A00	01	Externally inspect the flap components: • Skin between spars, flaps (SSI 57-50-82)	2C	571/671 572/672	ALL
57-53-00-220-803-A00	01	Internally inspect FLAP components: • Ribs/skin attachment, outboard flap (SSI 57-53-86) • Center ribs attachment, outboard flap (SSI 57-53-87)	2C	572/672	ALL

DELETED TASKS FROM MRB

ZONAL INSPECTION REQUIREMENTS

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	EFFECTIVITY
53-Z151-213-001-A00	13	External General Visual Inspection	2C	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
53-Z151-213-002-A00	13	External General Visual Inspection	2C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
53-Z155-213-001-A00	13	External General Visual Inspection	2C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
53-Z155-213-002-A00	13	External General Visual Inspection	C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL



MAINTENANCE REVIEW BOARD REPORT

ZONAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	EFFECTIVITY
53-Z157-213-001-A00	13	External General Visual Inspection	2C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
53-Z157-214-001-A00	13	Internal General Visual Inspection	2C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
53-Z161-213-001-A00	13	External General Visual Inspection	C	ALL
53-Z192-213-001-A00	13	External General Visual Inspection	4C	ALL
53-Z192-214-001-A00	13	Internal General Visual Inspection <u>NOTE</u> : Applicable to aircraft Pre-Mod SB145-57-0007	2C	ALL
53-Z192-214-001-A01	13	Internal General Visual Inspection <u>NOTE</u> : Applicable to aircraft Post-Mod SB145-57-0007	4C	ALL
53-Z193-213-001-A00	13	External General Visual Inspection	4C	ALL
53-Z193-213-002-A00	13	External General Visual Inspection	2C	EMB-145XR

ZONAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	EFFECTIVITY
53-Z193-214-001-A00	13	Internal General Visual Inspection	4C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145EU EMB-145EP EMB-145ER EMB-135LR EMB-135KE EMB-135KL EMB-135ER
53-Z193-214-002-A00	13	Internal General Visual Inspection	2C	EMB-145XR
53-Z194-213-001-A00	13	External General Visual Inspection	4C	ALL
53-Z194-214-001-A00	13	Internal General Visual Inspection	4C	ALL
53-Z196-213-001-A00	13	External General Visual Inspection.	2C	EMB-145XR
53-Z197-213-001-A00	13	External General Visual Inspection.	C	EMB-145XR
53-Z197-214-001-A00	13	Internal General Visual Inspection.	C	EMB-145XR
53-Z198-213-001-A00	13	External General Visual Inspection.	4C	EMB-145XR
53-Z198-214-001-A00	13	Internal General Visual Inspection.	4C	EMB-145XR
53-Z223-213-002-A00	14	External Inspection of Windshield and Cockpit Escape Hatches Aerodynamic Sealing	2C	ALL
53-Z231-213-002-A00	14	External Inspection of Passenger Cabin Windows Aerodynamic Sealing	2C	ALL
53-Z241-213-002-A00	14	External Inspection of Passenger Cabin Windows Aerodynamic Sealing	2C	ALL
53-Z243-213-002-A00	02	External Inspection of Windshield and Cockpit Escape Hatches Aerodynamic Sealing.	2C	ALL
53-Z251-213-002-A00	13	External Inspection of Passenger Cabin Windows Aerodynamic Sealing.	2C	ALL
53-Z261-213-002-A00	13	External Inspection of Passenger Cabin Windows Aerodynamic Sealing.	2C	ALL

ZONAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	EFFECTIVITY
53-Z271-214-001-A00	02	Internal General Visual Inspection <u>NOTE:</u> Check Rear Pressure Bulkhead. Requires Lining Removal.	2C	ALL
53-Z273-213-001-A00	01	External General Visual Inspection <u>NOTE:</u> Check Fuselage Skin Panel at Pressure Bulkhead.	C	ALL
53-Z273-214-002-A00	14	Internal General Visual Inspection (Applicable to Baggage Compartment Class C).	2C	ALL
53-Z277-213-001-A00	02	External General Visual Inspection	C	ALL
53-Z277-214-001-A00	02	Internal General Visual Inspection (Applicable to Baggage Compartment Class "D") <u>NOTE:</u> Check Rear Pressure Bulkhead.	2C	ALL
53-Z277-214-002-A00	02	Internal General Visual Inspection (Applicable to Baggage Compartment Class "C") <u>NOTE:</u> Check Rear Pressure Bulkhead. Also Check Discharge Piping for Cracks, Bonding, and Loose Fitting.	2C	ALL
55-Z327-213-001-A00	13	External General Visual Inspection	2C	ALL
55-Z327-214-001-A00	13	Internal General Visual Inspection	2C	ALL
55-Z337-213-001-A00	13	External General Visual Inspection	2C	ALL
55-Z337-214-001-A00	13	Internal General Visual Inspection	2C	ALL
57-Z512-213-001-A00	14	External General Visual Inspection	C	ALL
57-Z512-214-001-A00	14	Internal General Visual Inspection	2C	ALL
57-Z513-213-001-A00	14	External General Visual Inspection	C	ALL
57-Z513-214-001-A00	14	Internal General Visual Inspection	2C	ALL
57-Z551-212-001-A00	02	External General Visual Inspection <u>NOTE:</u> Lower Skin/Spar Attachment.	C	ALL
57-Z561-213-001-A00	14	External General Visual Inspection	2C	EMB-145XR
57-Z561-214-001-A00	14	Internal General Visual Inspection	2C	EMB-145XR
57-Z5712-213-001-A00	14	External General Visual Inspection	2C	ALL
57-Z5712-214-001-A00	14	Internal General Visual Inspection	2C	ALL

ZONAL INSPECTION REQUIREMENTS (CONTINUED)

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	EFFECTIVITY
57-Z5713-213-001-A00	14	External General Visual Inspection	2C	ALL
57-Z5713-214-001-A00	14	Internal General Visual Inspection	2C	ALL
78-Z416-214-A00	06	Internal General Visual Inspection <u>NOTE</u> : Check Outer Structure Surface.	C	ALL

DELETED TASKS FROM MRB

NATIONAL REQUIREMENTS

REFERENCE NUMBER	REV. No.	DESCRIPTION	INTERVAL	ZONE	EFFECTIVITY
57-61-00-220-803-A00	11	Externally inspect the AILERON components: • Actuator attachment, aileron (SSI 57-61-90)	2,000 FC	573/673	ALL
57-61-00-220-804-A00	11	Internally inspect the AILERON components: • Actuator attachment, aileron (SSI 57-61-90)	2,000 FC	573/673	ALL

DELETED TASKS FROM MRB

CATEGORY II - MAINTENANCE REQUIREMENTS

REFERENCE NUMBER	REV. No.	DESCRIPTION	INT	EFFECTIVITY
22-11-00-720-003-A00	22	Functionally Check Category II Monitoring Function.	1000 FH	ALL
30-41-00-710-001-A00	22	Operationally Check Windshield Wiper <u>NOTE 1</u> : Applicable to all aircraft under FAA Certifications. <u>NOTE 2</u> : Applicable to aircraft under ANAC/EASA Certification, if installed.	C	ALL
34-24-00-710-001-A00	22	Operationally Check Standby Attitude Indicator (If installed).	C	ALL

DELETED TASKS FROM MRB

CATEGORY A III MODE - MAINTENANCE REQUIREMENTS

REFERENCE NUMBER	REV. No.	DESCRIPTION	INT	EFFECTIVITY
34-23-05-710-001-A00	21	Operationally Check HGS Computer Fan	4000 FH	ALL
34-32-03-212-001-A00	21	Inspect (General Visual) VOR/LOC Antenna	4000 FH	ALL
34-33-03-212-001-A00	7	Inspect (General Visual) VOR/LOC Antenna	C	ALL

DELETED TASKS FROM MRB AIRWORTHINESS LIMITATION REQUIRMENTS

REFERENCE NUMBER	REV. No.	DESCRIPTION	ZONE	INTERVAL	EFFECTIVITY
28-41-01-720-001-A00	15	Functionally Check Ventral Fuel Conditioning Unit (VFCU)	132	10000 FH	ALL
28-41-04-720-001-A00	15	Functionally Check Ventral Fuel Conditioning Unit (VFCU)	196	10000 FH	EMB-145XR

APPENDIX 8 CATEGORY II - MAINTENANCE REQUIREMENTS

A8.1 GENERAL

This section contains all maintenance tasks necessary to assure the level of performance and reliability of the related systems, to comply with the performance requirements for CAT II operation prescribed in AC 120-29 and JAR AWO Subpart 2 document. Operators should have his specific maintenance program for CAT II operation approved by their Regulatory Authority.

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
22-11-00-720-003-A00			DELETED		
30-41-00-710-001-A00			DELETED		
30-42-00-710-001-A00	OPC	9	Operationally Check Windshield Heating	C	ALL
34-01-00-720-001-A00	FNC	8	Functionally Check Integrated Standby Instrument – ISIS (If installed). <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
34-11-00-720-001-A00	FNC	6	Functionally Check Standby Altimeter Indicator (If installed). <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
34-12-00-720-001-A00	FNC	6	Functionally Check Standby Airspeed Indicator (If installed). <u>NOTE:</u> Or in accordance with Local Regulatory Authority Requirements.	C	ALL
34-13-00-790-001-A00	FNC	6	Functionally Check Pitot Static System for Leakage	C	ALL
34-15-00-720-001-A00	FNC	8	Functionally Check ADC System <u>NOTE:</u> Or 1YE, whichever occurs first.	4A	ALL
34-24-00-710-001-A00			DELETED		
34-41-00-710-001-A00	OPC	9	Operationally Check GPWS/WINDSHEAR	C	ALL
34-41-00-710-003-A00	OPC	9	Operationally Check EGPWS/WINDSHEAR	C	ALL

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APPENDIX 9 AIRCRAFT ZONING

A9.1 GENERAL

The aircraft is divided into zones to give the references necessary for the identification of service areas or components. This makes the maintenance easier and is an important aid when task guides are prepared.

The system for identification of the aircraft zoning includes three levels and uses a three-digit number as follows:

- (1) Major zones: the number increases by the hundreds, from 100 thru 800.
- (2) Major sub-zones: after the first digit of the major zones, the number increases by the tens, from 10 thru 90.
- (3) Zone: after the first digit of the major zones and the second digit of the major subzones, the number increases by the units (more digits can be used to permit you to go down to lower levels). It identifies a component and its location: an even number shows the right side and an odd number shows the left side.

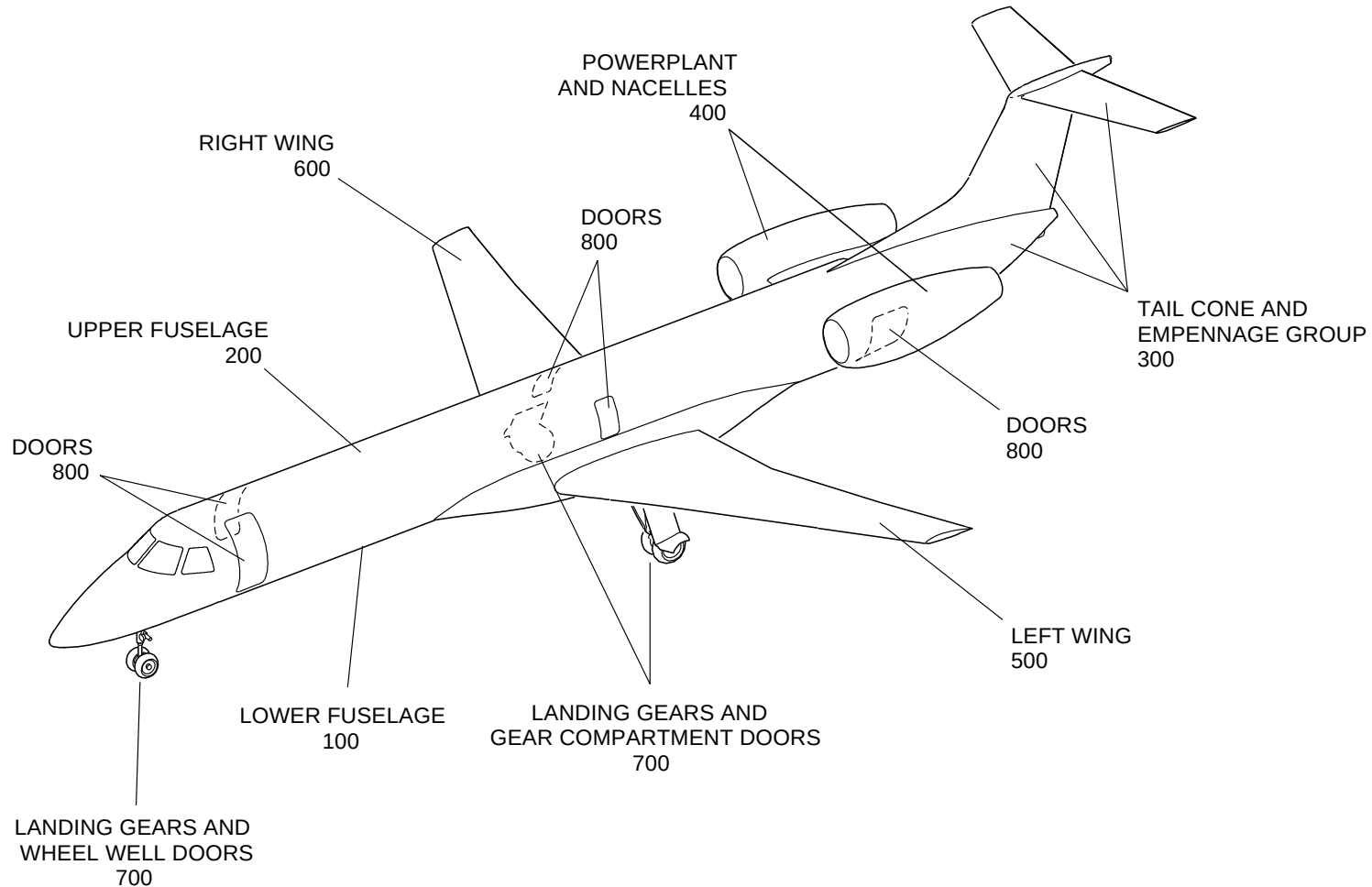
The sequence of the numbers which identify the zones is as follows:

- (1) Wing - From the inboard side to the outboard side and from the front to the rear.
- (2) Fuselage - From the nose to the tail cone.
- (3) Vertical Stabilizer - From the root to the tip of the vertical stabilizer.

The figure 1 shows the major zones and figures 2 until 7 show the Station Diagram of the Body, Vertical Stabilizer, Horizontal Stabilizer, Wing, Nacelle and Pylon.

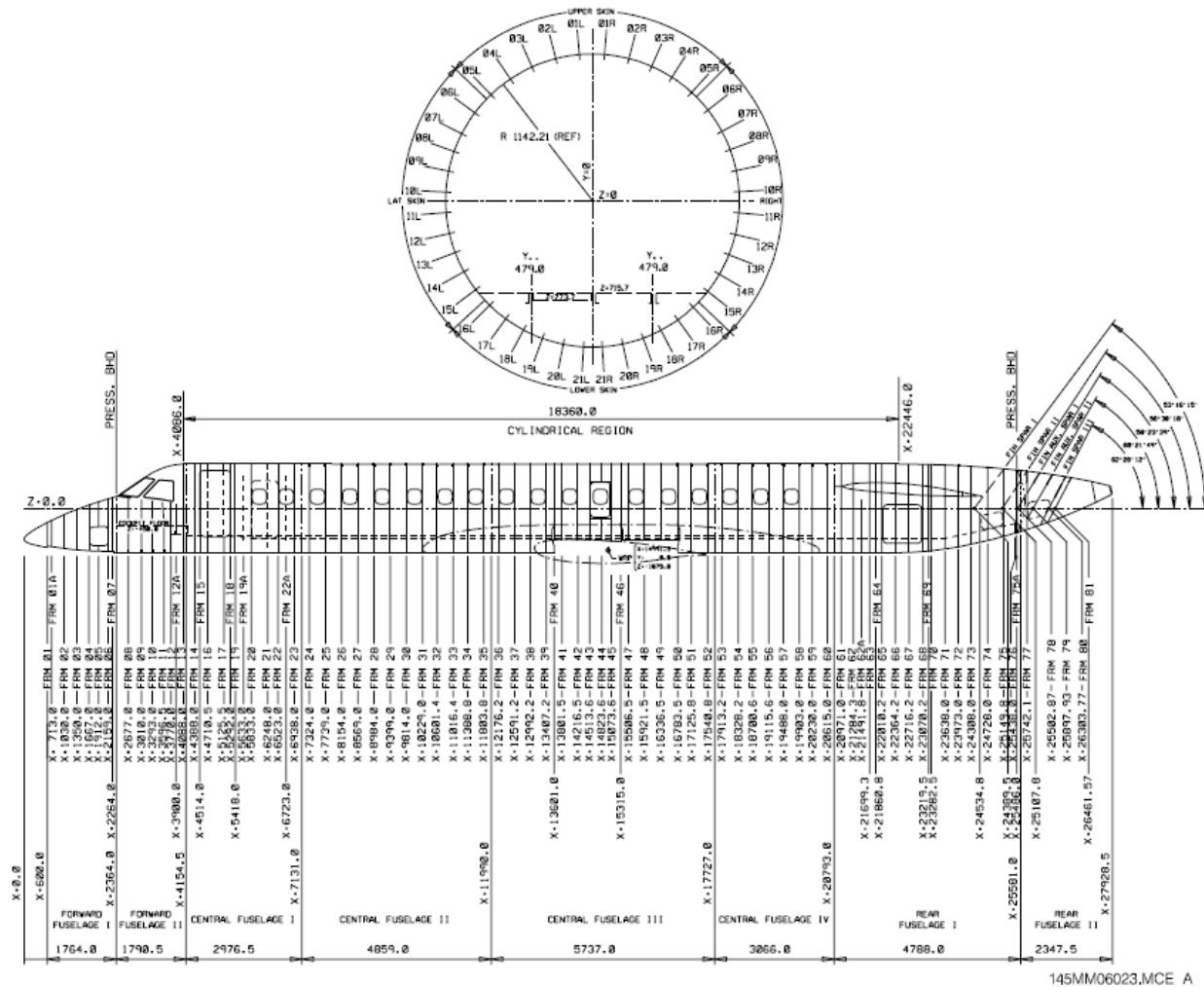
A9.2 MAJOR ZONES

MAJOR ZONE	AREA
100	Lower fuselage (below the floor line)
200	Upper fuselage (above the floor line)
300	Tail cone and empennage group
400	Powerplant and nacelles
500	Left half-wing
600	Right half-wing
700	Landing gear wheel well
800	Doors (main, service, cargo, emergency)



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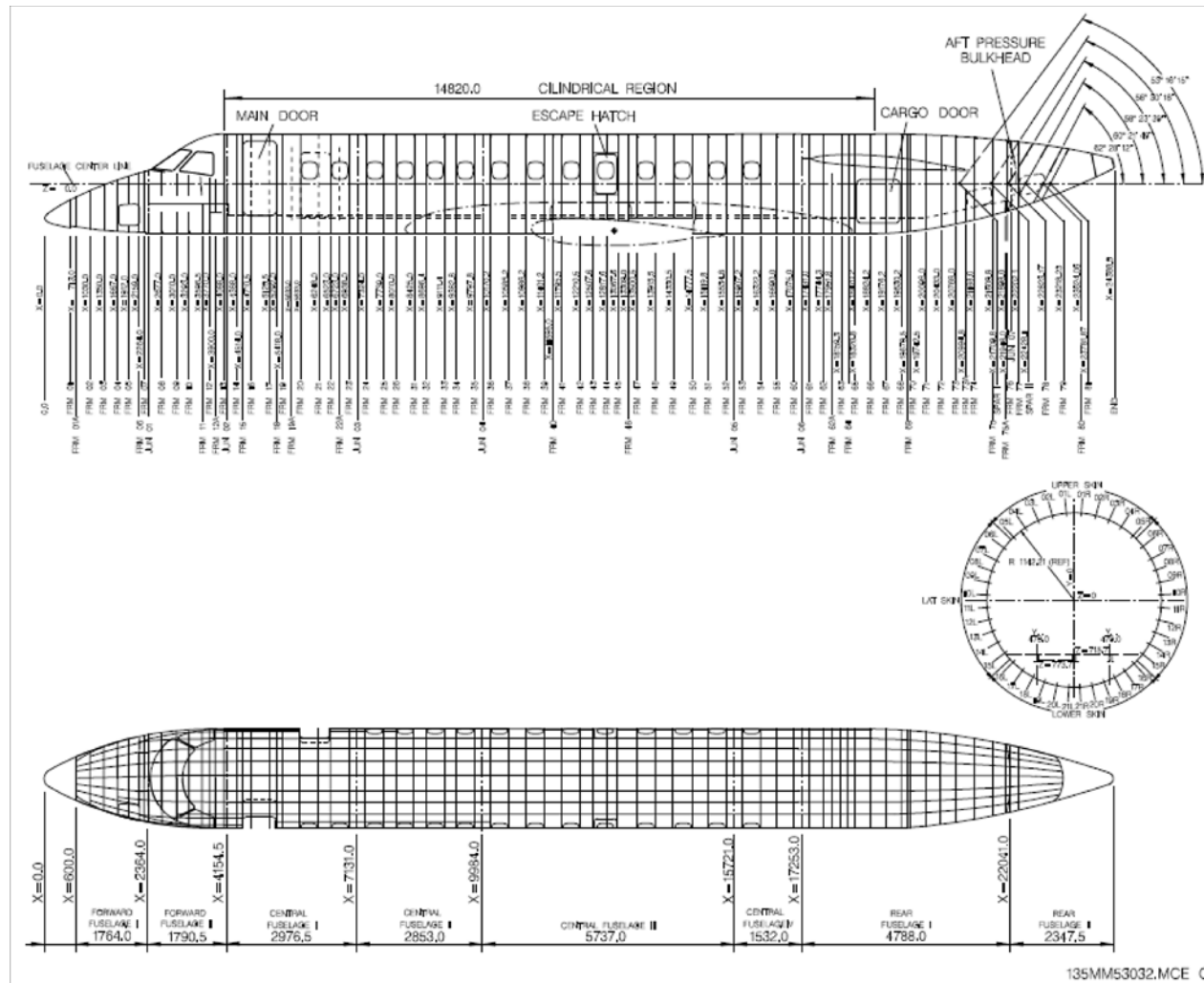
Major Zones
Figure 1



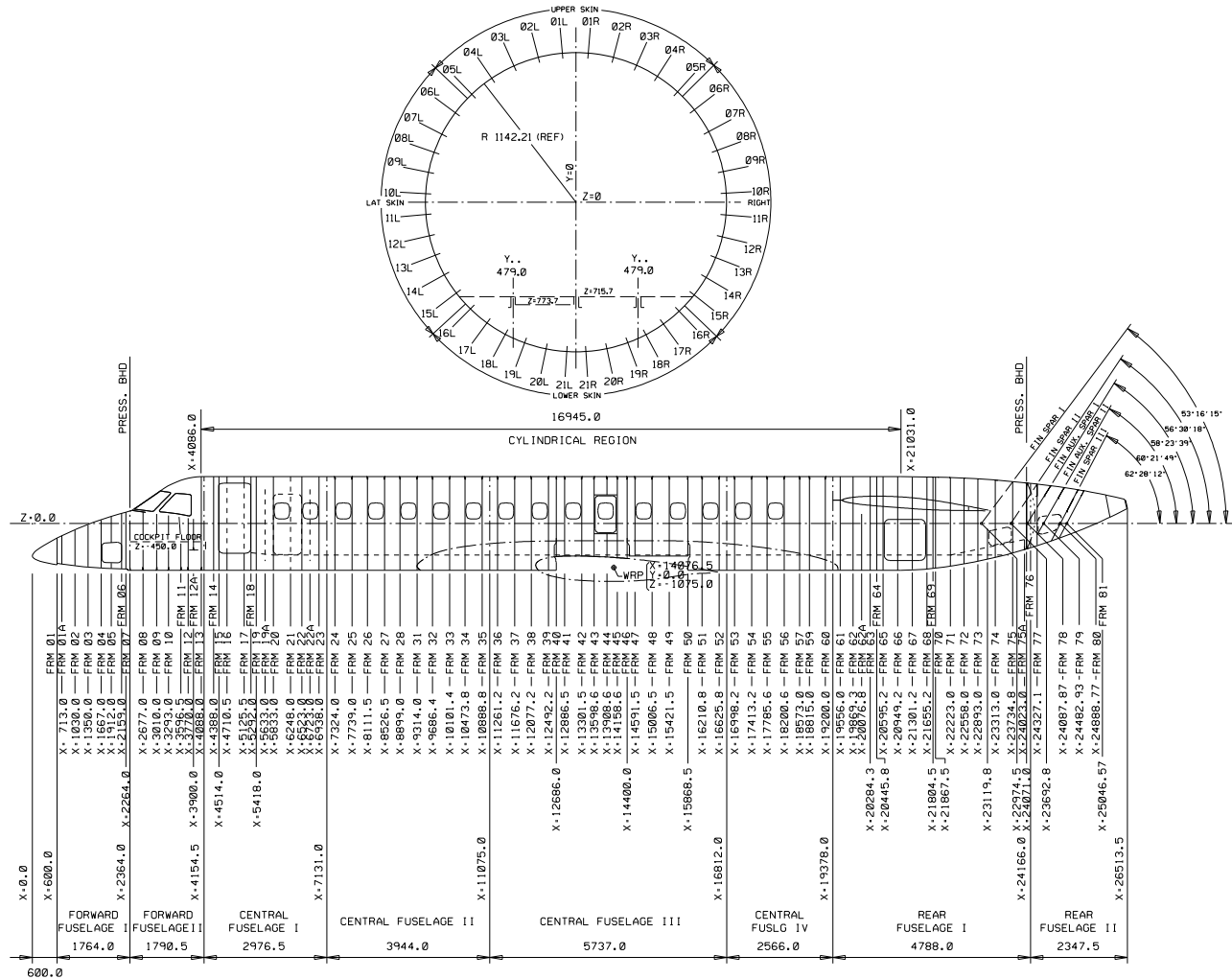
Body Station Diagram (EMB-145)

Figure 2

Sheet 1

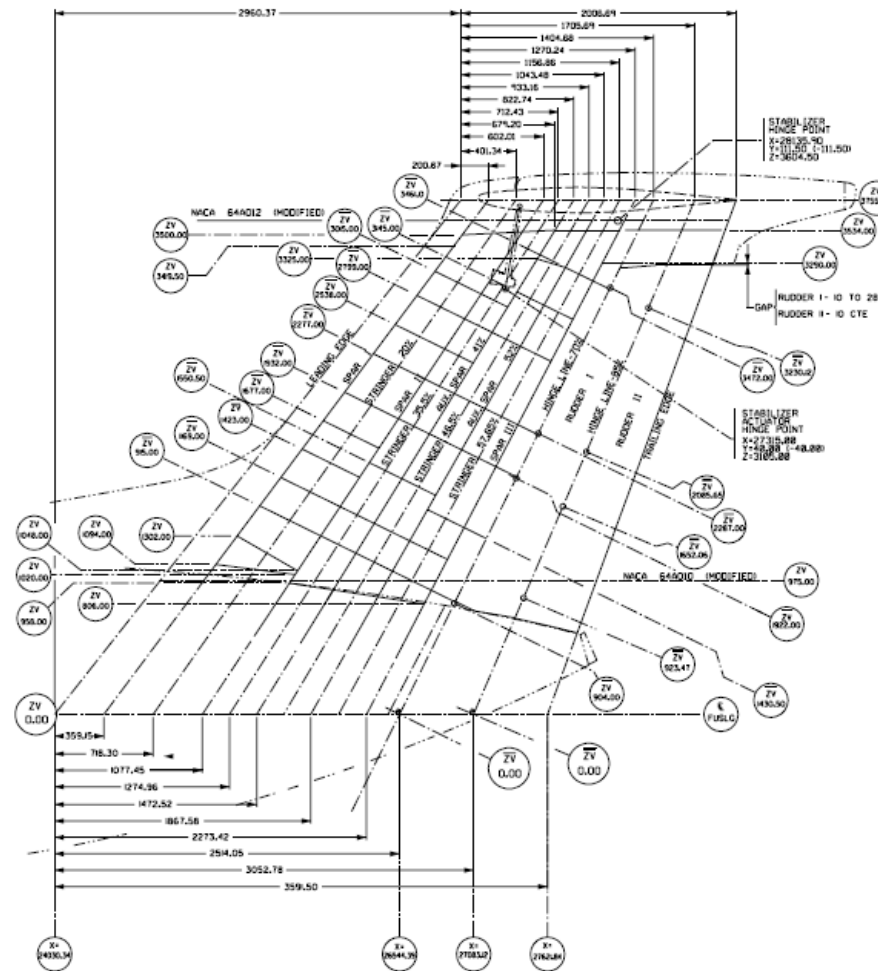


Body Station Diagram (EMB-135 ER/LR)
Figure 2
Sheet 2



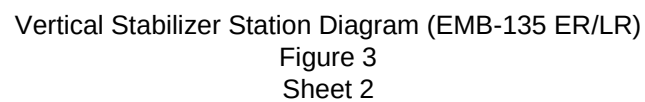
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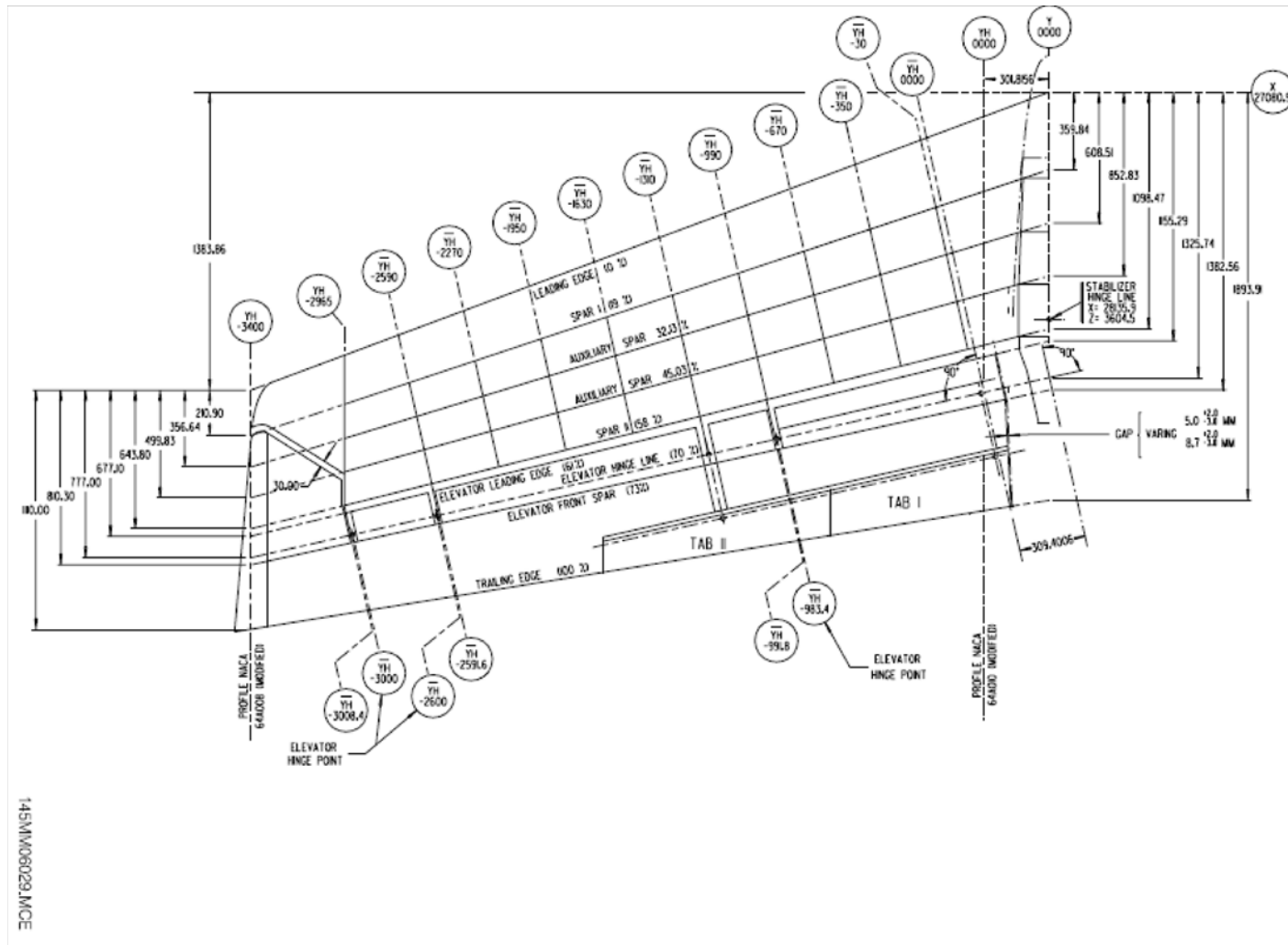
Body Station Diagram (EMB-135 KE/KL)
Figure 2
Sheet 3



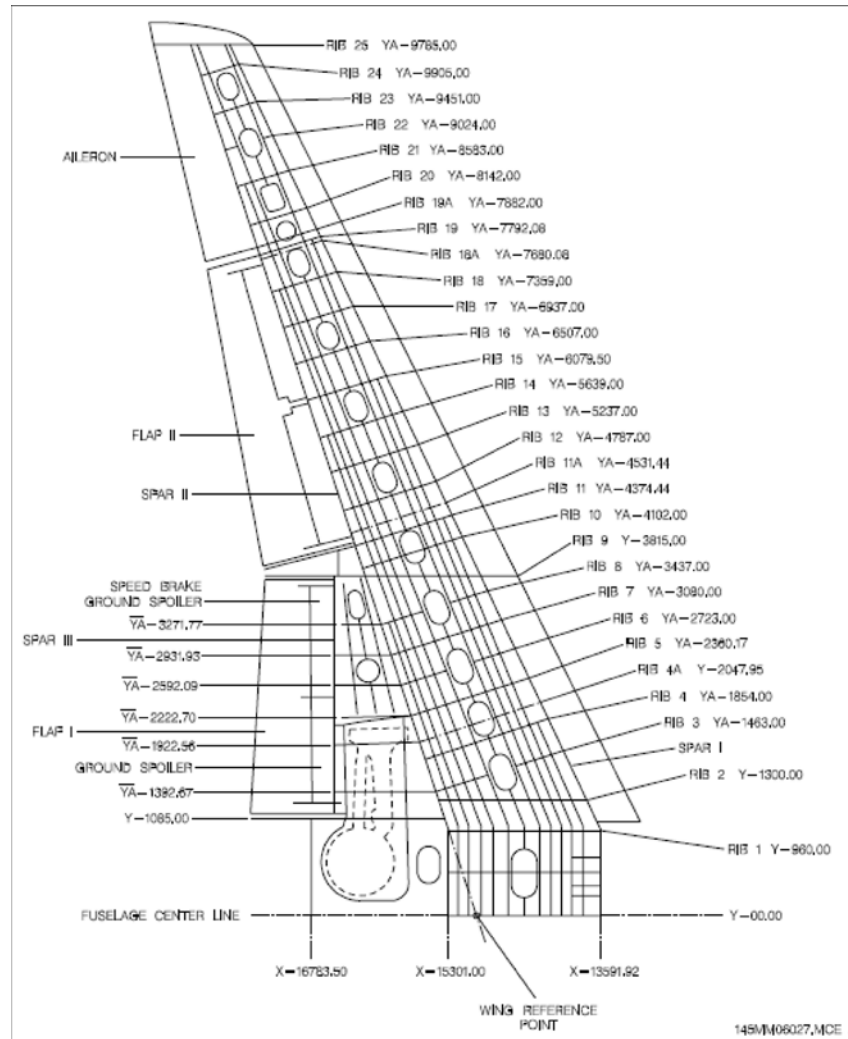
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Vertical Stabilizer Station Diagram (EMB-145)
Figure 3
Sheet 1

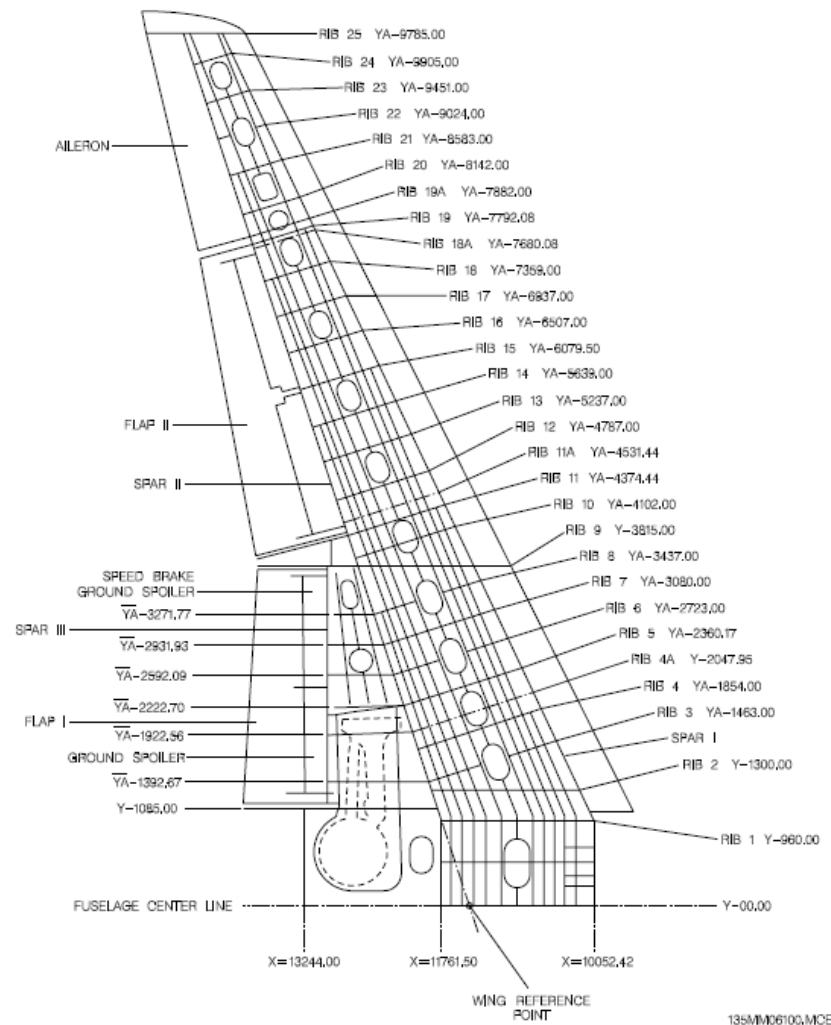




Horizontal Stabilizer Station Diagram (EMB-145)
Figure 4
Sheet 1



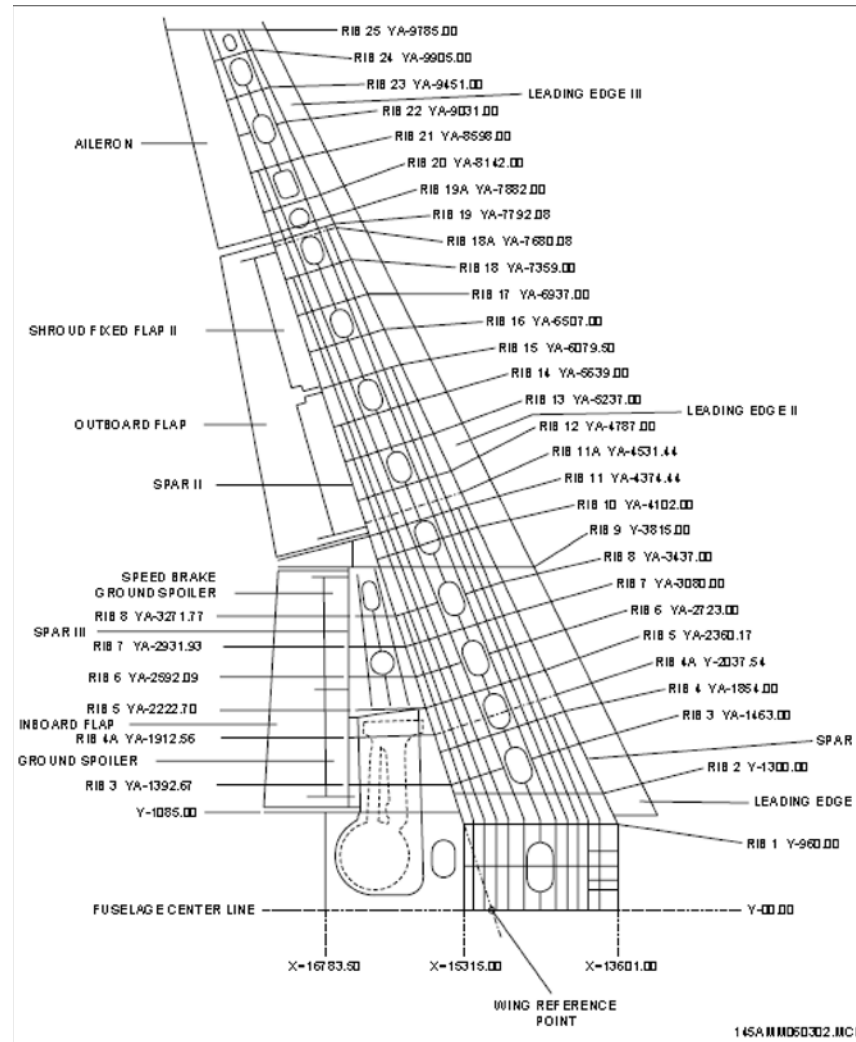
Wing Station Diagram (EMB-145)
Figure 5
Sheet 1



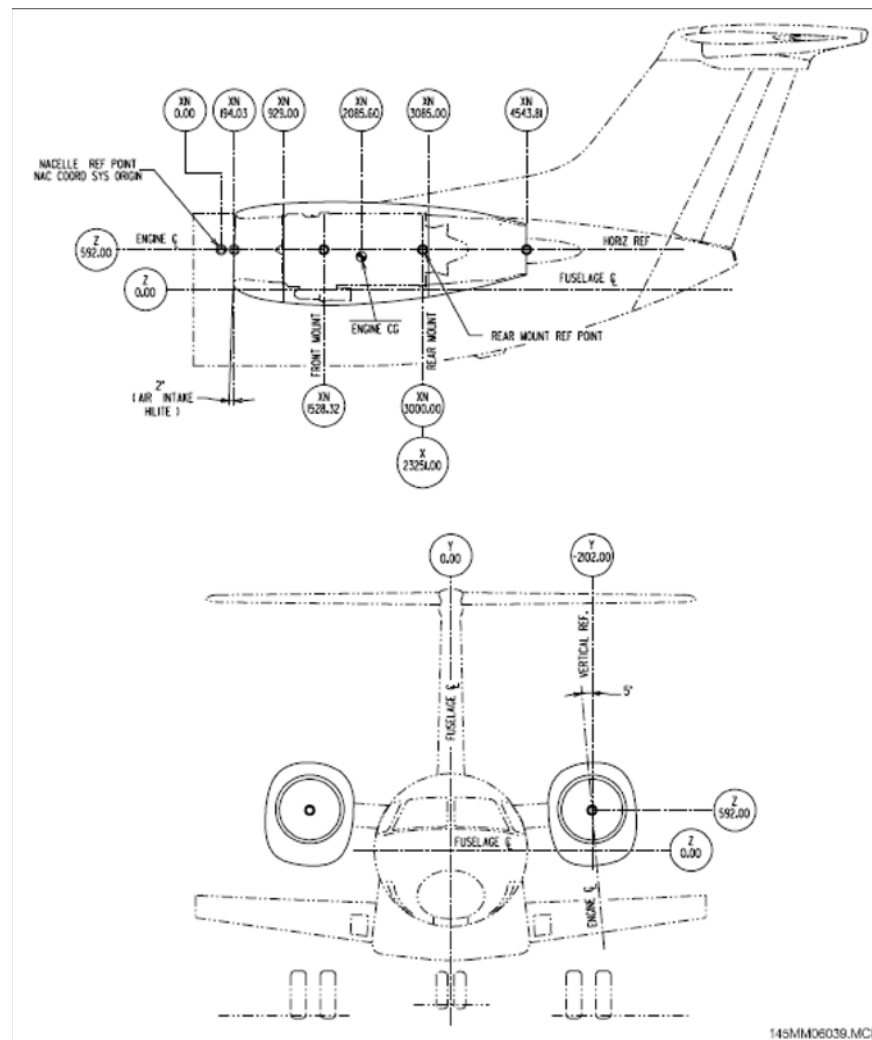
Wing Station Diagram (EMB-135 ER/LR)

Figure 5

Sheet 2



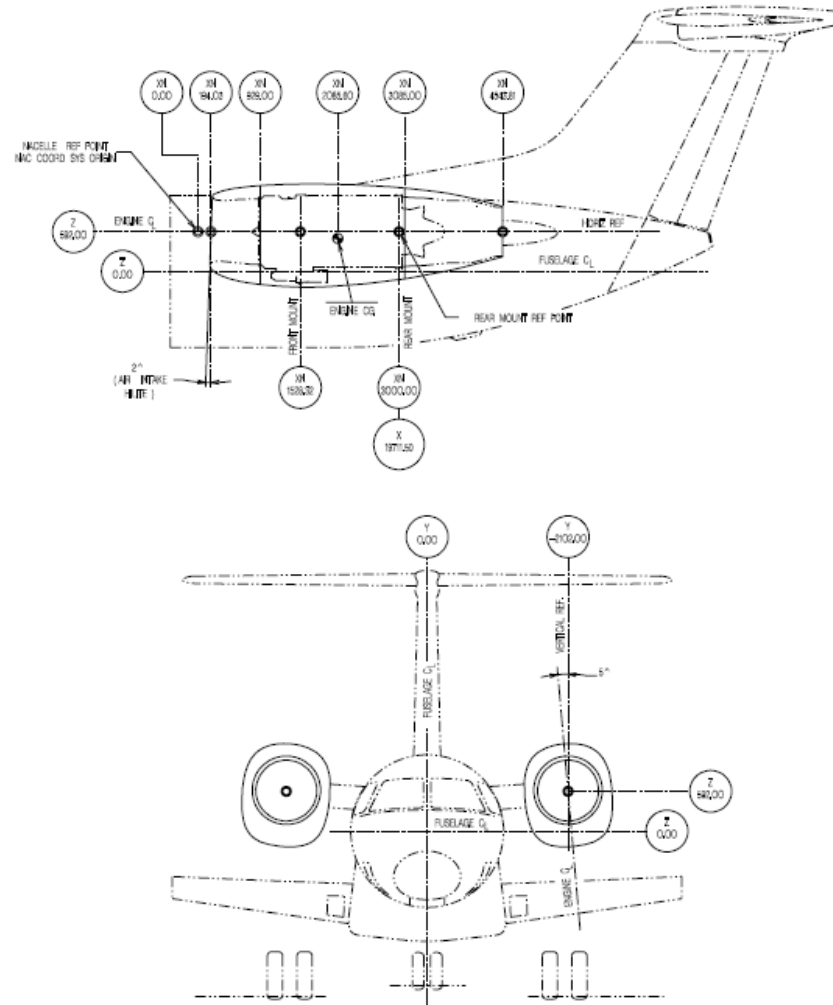
Wing Station Diagram (EMB-145XR)
Figure 5
Sheet 3



Nacelle Station Diagram (EMB-145)

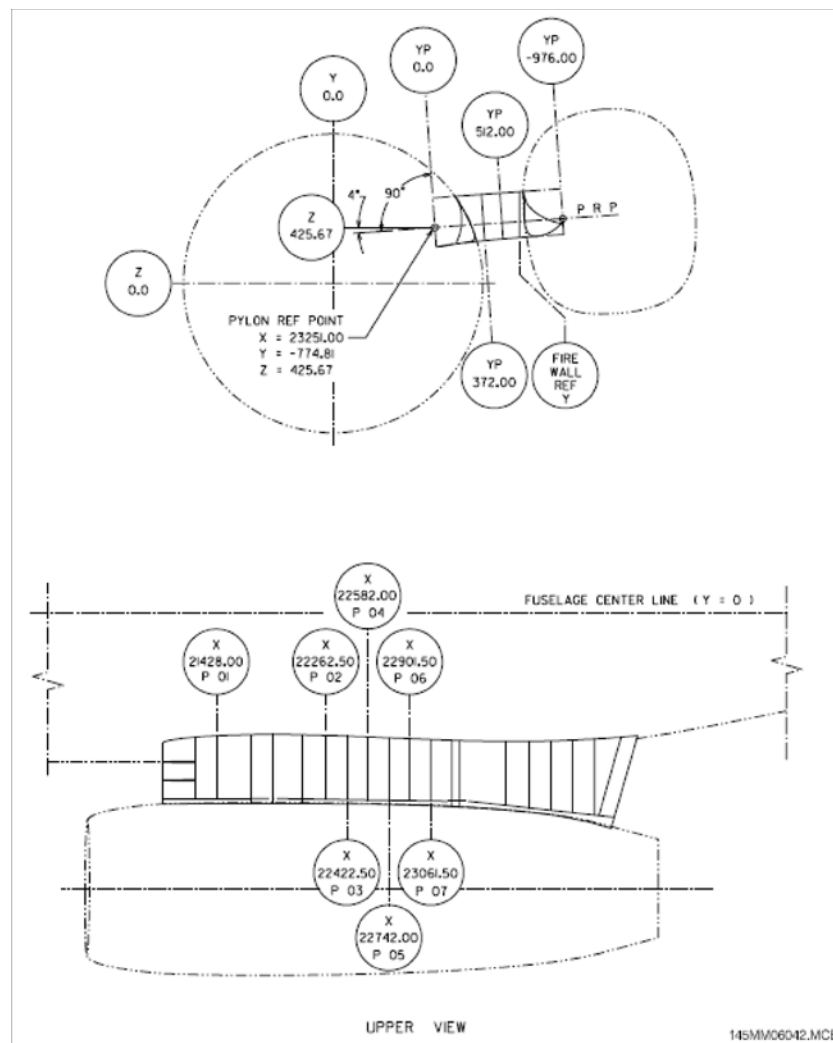
Figure 6

Sheet 1

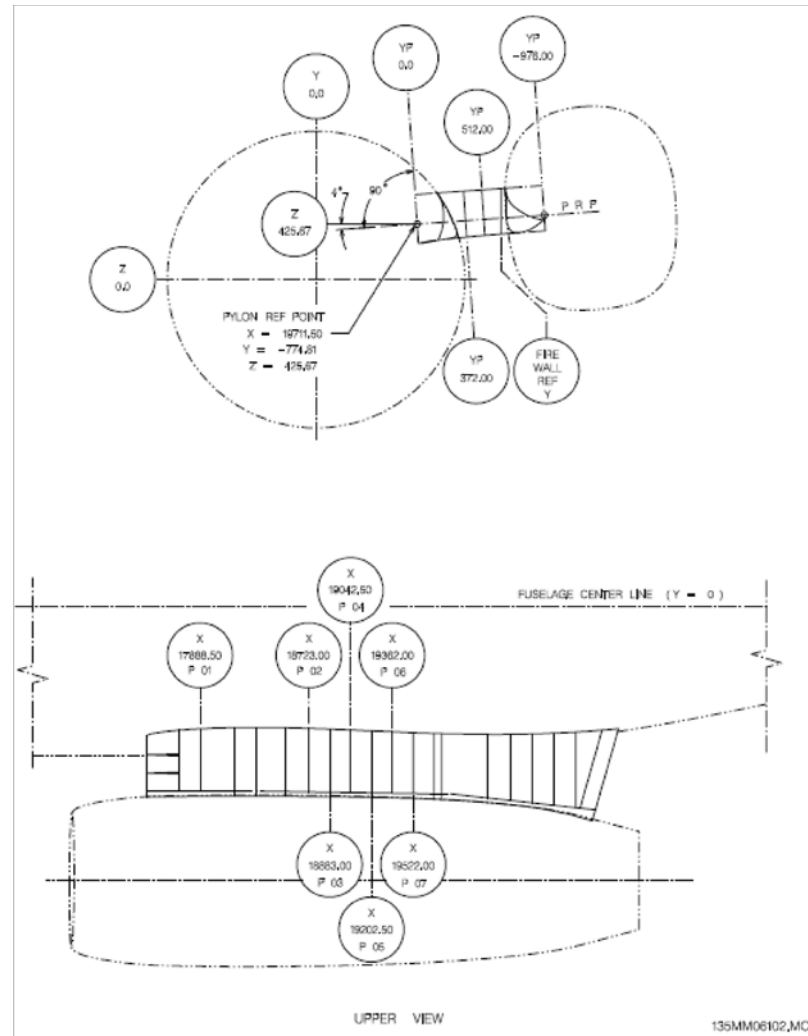


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Nacelle Station Diagram (EMB-135 ER/LR)
Figure 6
Sheet 2



Pylon Station Diagram (EMB-145)
Figure 7
Sheet 1



Pylon Station Diagram (EMB-135 ER/LR)
Figure 7
Sheet 2

A9.3 MAJOR ZONE 100 - LOWER FUSELAGE (figure 8)

A. Sub-zone 110 - STA X = 0 thru STA X = 600.0 and fuselage forward section I

111	Radome
113	Forward fuselage I - LH (STGR 13L thru Y = 0.0)
114	Forward fuselage I - RH (STGR 13R thru Y = 0.0)
115	Pressure bulkhead - Fwd fuselage I - LH lower side
116	Pressure bulkhead - Fwd fuselage I - RH lower side

B. Sub-zone 120 - Fuselage Forward Section II (X = 2364.0 thru X = 4154.5)

121	Pressure bulkhead - cockpit LH lower side
122	Pressure bulkhead - cockpit RH lower side
123	Area below cockpit floor - LH (STGR 13L thru Y = 0.0)
124	Area below cockpit floor - RH (STGR 13R thru Y = 0.0)

C. Sub-zone 130 -Fuselage Center Section I (X = 4154.5 thru X = 7131.0) and (STGR 16L thru STGR 16R)

131	Area below passenger cabin floor - LH (STGR 16L thru Y = 0.0)
132	Area below passenger cabin floor - RH (STGR 16R thru Y = 0.0)

D. Sub-zone 140 - Fuselage Center Section II

(X = 7131.0 thru X = 11990.0) and (STGR 16L thru STGR 16R) (EMB-145)

(X = 7131.0 thru X = 9984.0) and (STGR 16L thru STGR 16R) (EMB-135 ER/LR)

(X = 7131.0 thru X = 11075.0) and (STGR 16L thru STGR 16R) (EMB-135 KE/KL)

141	Area below passenger cabin floor - LH (STGR 16L thru Y = 0.0)
142	Area below passenger cabin floor - RH (STGR 16R thru Y = 0.0)

E. Sub-zone 150 - Fuselage Center Section III

(X = 11990.0 thru X = 17727.0) and (STGR 16L thru STGR 16R) (EMB-145)

(X = 9984.0 thru X = 15721.0) and (STGR 16L thru STGR 16R) (EMB-135 ER/LR)

(X = 11075.0 thru X = 16812.0) and (STGR 16L thru STGR 16R) (EMB-135 KE/KL)

151	Fwd area below passenger cabin floor - LH (STGR 16L thru Y = 0.0)
152	Fwd area below passenger cabin floor - RH (STGR 16R thru Y = 0.0)
153	Aft area below passenger cabin floor - LH (STGR 16L thru Y = 0.0)
154	Aft area below passenger cabin floor - RH (STGR 16R thru Y = 0.0)
155	Wing stub - LH (Y = - 960.0 thru Y = 00.0) (EMB-145 E and EMB-135 E)
156	Wing stub - RH (Y = 00.0 thru Y = 960.0) (EMB-145 E and EMB-135 E)
155	Wing stub (Y = -230.0 thru Y = -960.0) (EMB-145 L and EMB-135 L)
156	Wing stub (Y = 230.0 thru Y = 960.0) (EMB-145 L and EMB-135 L)
157	Wing stub (Y = -230.0 thru Y = 230.0) (EMB-145 L and EMB-135 L)

F. Sub-zone 160 - Fuselage Center Section IV

(X = 17727.0 thru X = 20793.0) and (STGR 16L thru STGR 16R) (EMB-145)

(X = 15721.0 thru X = 17253.0) and (STGR 16L thru STGR 16R) (EMB-135 ER/LR)

(X = 16812.0 thru X = 19378.0) and (STGR 16L thru STGR 16R) (EMB-135 KE/KL)

161	Area below passenger cabin floor - LH (STGR 16L thru Y = 0.0)
162	Area below passenger cabin floor - RH (STGR 16R thru Y = 0.0)

G. Sub-zone 170 - Fuselage Rear Section I

(X = 20793.0 thru X = 25581.0) and (STGR 16L thru STGR 16R) (EMB-145)

(X = 17253.0 thru X = 22041.0) and (STGR 16L thru STGR 16R) (EMB-135 ER/LR)

(X = 19378.0 thru X = 24166.0) and (STGR 16L thru STGR 16R) (EMB-135 KE/KL)

171	Area below passenger cabin floor - LH (STGR 16L thru Y = 0.0)
172	Area below passenger cabin floor - RH (STGR 16R thru Y = 0.0)

H. Sub-zone 190 - Wing-to-fuselage Attachment Fairing

191	FWD wing-to-fuselage fairing
192	Center wing-to-fuselage fairing
193	Rear wing-to-fuselage fairing
194	RH lateral wing-to-fuselage fairing
195	LH lateral wing-to-fuselage fairing

I. Sub-zone 190 - Wing-to-fuselage Attachment Fairing (Applicable only to EMB-145XR)

191	FWD wing-to-fuselage fairing
192	Center wing-to-fuselage fairing
193	Rear section Mid Panel, WFF
194	RH lateral wing-to-fuselage fairing
195	LH lateral wing-to-fuselage fairing
196	Ventral Fuel Tank
197	Rear section Front Panel, WFF
198	Rear section Aft Panel, WFF

A9.4 MAJOR ZONE 200 - UPPER FUSELAGE (figure 8)

A. Sub-zone 210 - Fuselage Forward Section I (X = 600.0 thru X = 2364.0)

213	Electronic compartment - LH upper side (STGR 13L thru Y = 0.0)
214	Electronic compartment - RH upper side (STGR 13R thru Y = 0.0)
215	Pressure bulkhead - electronic comp - LH upper side
216	Pressure bulkhead - electronic comp - RH upper side

B. Sub-zone 220 - Fuselage Forward Section II (X = 2364.0 thru X = 4154.5)

221	Pressure bulkhead - cockpit LH upper side
222	Pressure bulkhead - cockpit RH upper side
223	Cockpit - LH (STGR 13L thru STGR 7L)
224	Cockpit - RH (STGR 13R thru STGR 7R)
225	Cockpit ceiling - LH (STGR 7L thru Y = 0.0)
226	Cockpit ceiling - RH (STGR 7R thru Y = 0.0)

C. Sub-zone 230 - Fuselage Center Section I (X = 4154.5 thru X = 7131.0) and (STGR 16L thru STGR 16R)

231	Passenger cabin - LH (STGR 16L thru STGR 5L)
232	Passenger cabin - RH (STGR 16R thru STGR 5R)
233	Passenger cabin ceiling - LH (STGR 5L thru Y = 0.0)
234	Passenger cabin ceiling - RH (STGR 5R thru Y = 0.0)

D. Sub-zone 240 - Fuselage Center Section II

(X = 7131.00 thru X = 11990.0) and (STGR 16L thru STGR 16R) (EMB-145)
(X = 7131.00 thru X = 9984.0) and (STGR 16L thru STGR 16R) (EMB-135 ER/LR)
(X = 7131.00 thru X = 11075.0) and (STGR 16L thru STGR 16R) (EMB-135 KE/KL)

241	Passenger cabin - LH (STGR 16L thru STGR 5L)
242	Passenger cabin - RH (STGR 16R thru STGR 5R)
243	Passenger cabin ceiling - LH (STGR 5L thru Y = 0.0)
244	Passenger cabin ceiling - RH (STGR 5R thru Y = 0.0)

E. Sub-zone 250 - Fuselage Center Section III

(X = 11990.0 thru X = 17727.0) and (STGR 16L thru STGR 16R) (EMB-145)
(X = 9984.0 thru X = 15721.0) and (STGR 16L thru STGR 16R) (EMB-135 ER/LR)
(X = 11075.0 thru X = 16812.0) and (STGR 16L thru STGR 16R) (EMB-135 KE/KL)



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251	Passenger cabin - LH (STGR 16L thru STGR 5L)
252	Passenger cabin - RH (STGR 16R thru STGR 5R)
253	Passenger cabin ceiling - LH (STGR 5L thru Y = 0.0)
254	Passenger cabin ceiling -RH (STGR 5R thru Y = 0.0)

F. Sub-zone 260 - Fuselage Center Section IV

(X = 17727.0 thru X = 20793.0) and (STGR 16L thru STGR 16R) (EMB145)
 (X = 15721.0 thru X = 17253.0) and (STGR 16L thru STGR 16R) (EMB-135 ER/LR)
 (X = 16812.0 thru X = 19378.0) and (STGR 16L thru STGR 16R) (EMB-135 KE/KL)

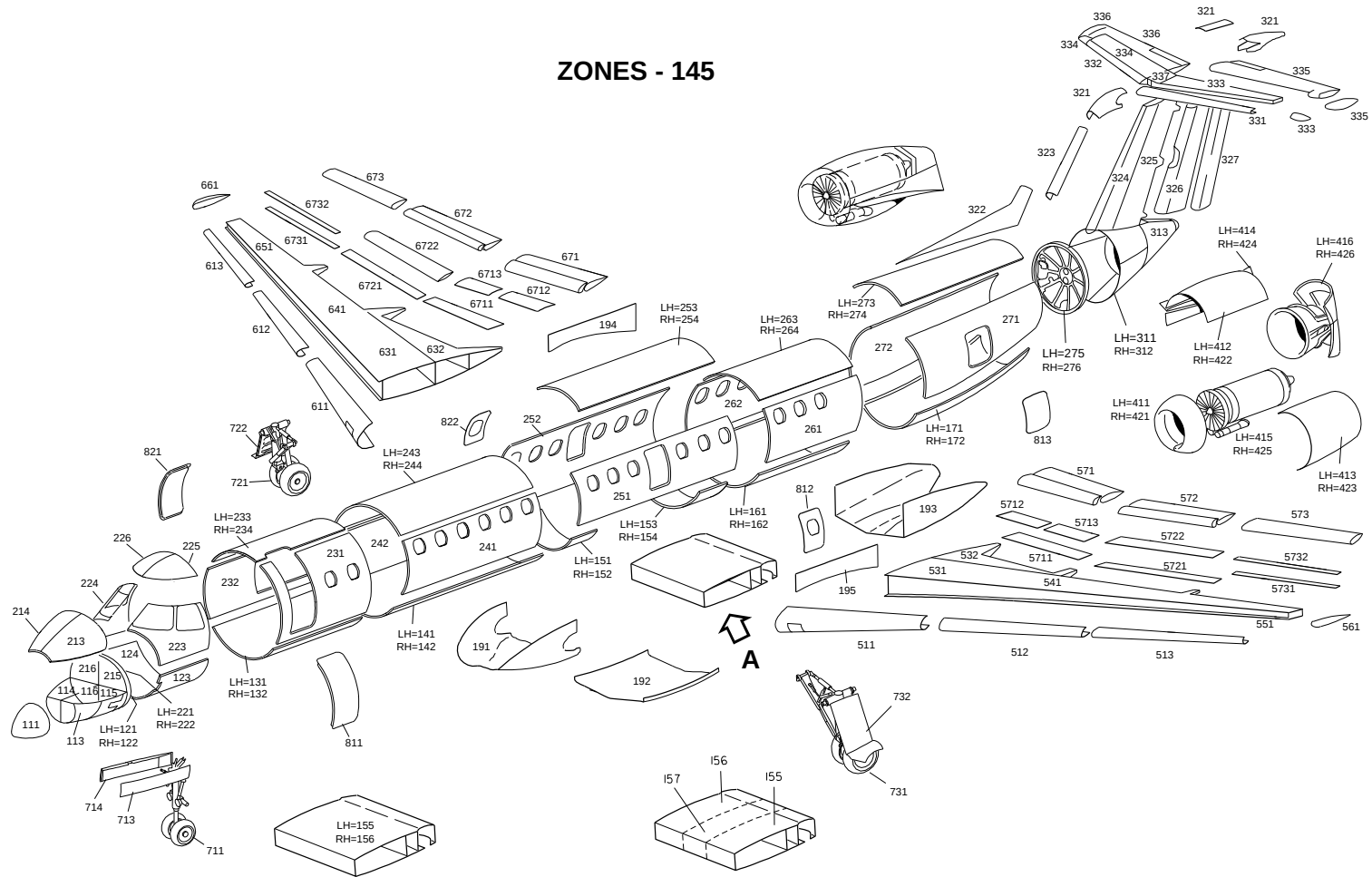
261	Passenger cabin - LH (STGR 16L thru STGR 5L)
262	Passenger cabin - RH (STGR 16R thru STGR 5R)
263	Passenger cabin ceiling - LH (STGR 5L thru Y = 0.0)
264	Passenger cabin ceiling - RH (STGR 5R thru Y = 0.0)

G. Sub-zone 270 - Fuselage Rear Section I

(X = 20793.0 thru X = 25581.0) and (STGR 16L thru STGR 16R) (EMB-145)
 (X = 17253.0 thru X = 22041.0) and (STGR 16L thru STGR 16R) (EMB-135 ER/LR)
 (X = 19378.0 thru X = 24166.0) and (STGR 16L thru STGR 16R) (EMB-135 KE/KL)

271	Passenger cabin - LH (STGR 16L thru STGR 5L)
272	Passenger cabin - RH (STGR 16R thru STGR 5R)
273	Passenger cabin ceiling - LH (STGR 5L thru Y = 0.0)
274	Passenger cabin ceiling - RH (STGR 5R thru Y = 0.0)
275	Pressure bulkhead - passenger cabin LH side
276	Pressure bulkhead - passenger cabin RH side

ZONES - 145

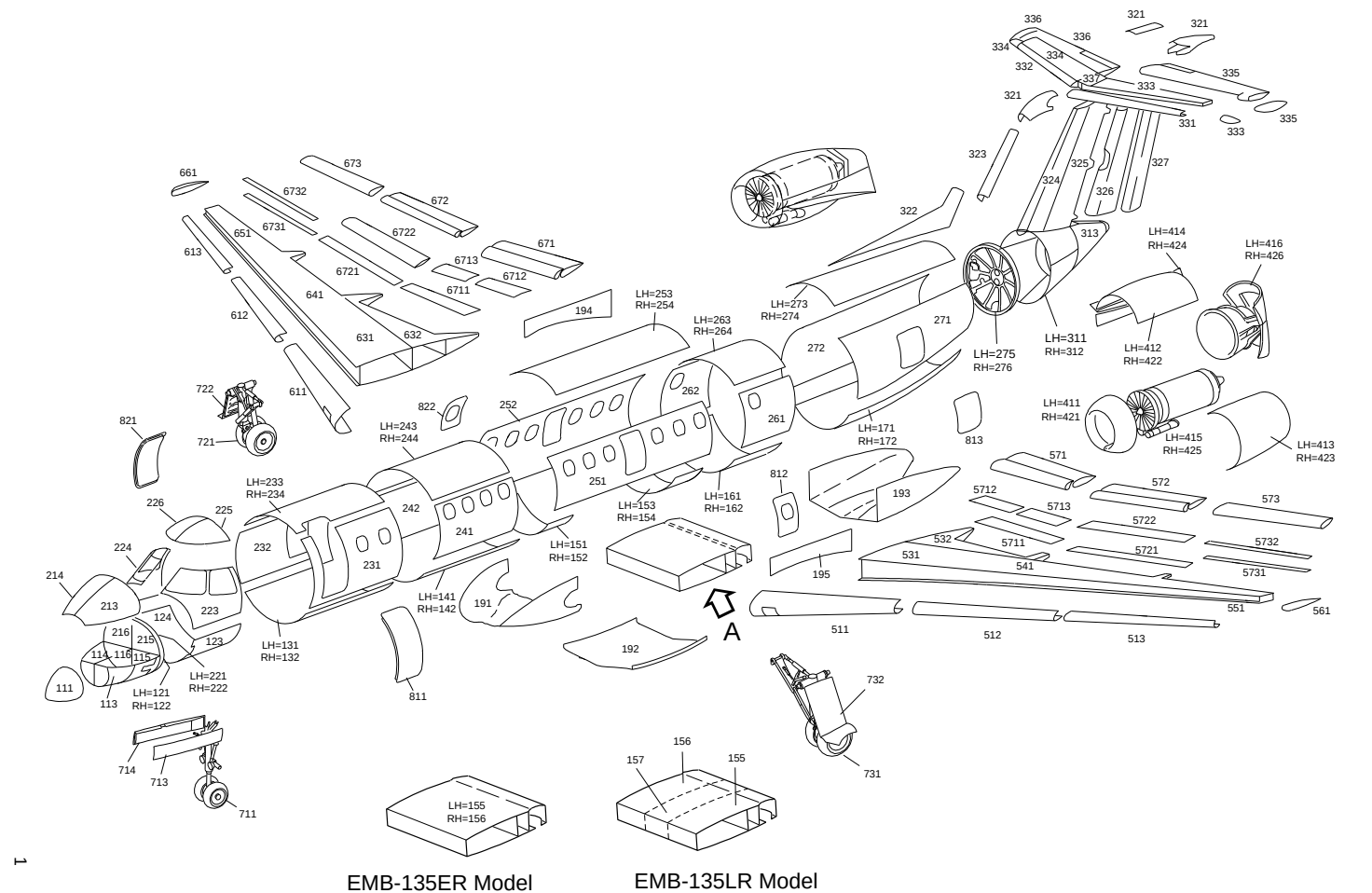


145 ER, EU AND EP MODELS

145 LR, LU MP, MK AND MR MODELS

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**Aircraft Zoning (EMB-145)
Figure 8
Sheet 1**

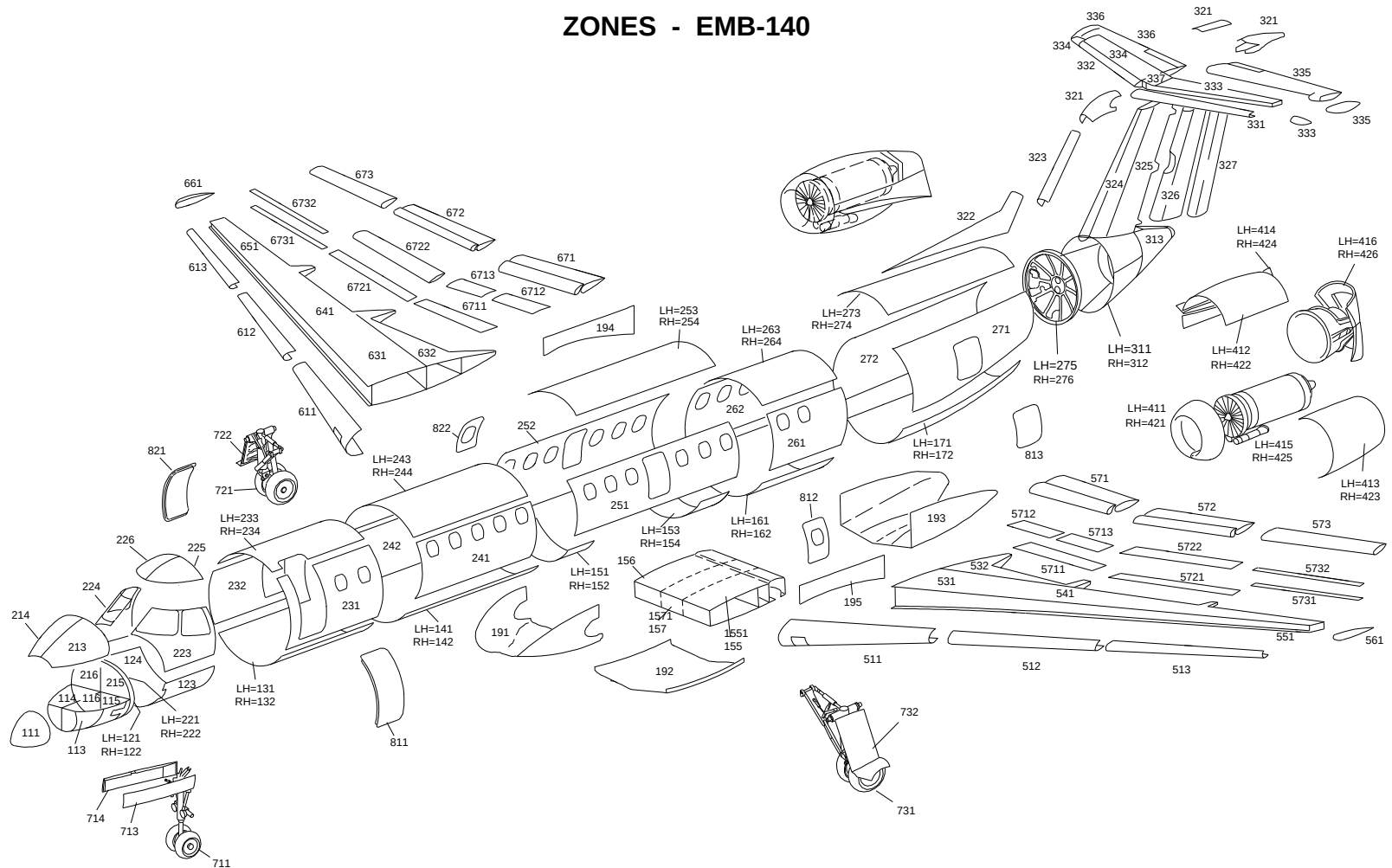


DET. A

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Aircraft Zoning (EMB-135 ER/LR)
Figure 8
Sheet 2

ZONES - EMB-140



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Aircraft Zoning (EMB-135 KE/KL)
Figure 8
Sheet 3

ZONES - 145 XR

145AMM060268.MCE /

145AMM060268.MCE A

Aircraft Zoning (EMB-145XR)
Figure 8
Sheet 4

A9.5 MAJOR ZONE 300 - TAILCONE AND EMPENNAGE GROUP (figure 8)

A. Sub-zone 310 - Fuselage Rear Section II (X = 25581.0 thru X = 27928.5)

311	Structural area aft of rear pressure bulkhead - LH
312	Structural area aft of rear pressure bulkhead - RH
313	Tail cone fairing
315	LH strake (Applicable only to EMB-145XR)
316	RH strake (Applicable only to EMB-145XR)
317	LH strake tip fairing (Applicable only to EMB-145XR)
318	RH strake tip fairing (Applicable only to EMB-145XR)

B. Sub-zone 320 - Vertical Stabilizer and Rudders

321	Upper and rear front fairings of vertical stabilizer
322	Dorsal fin
323	Leading edge
324	Area between spar I and spar II
325	Area between spar II and spar III
326	Rudder I
327	Rudder II

C. Sub-zone 330 - Horizontal Stabilizer and Elevators

331	Leading edge - LH
332	Leading edge - RH
333	Horizontal stabilizer - LH
334	Horizontal stabilizer - RH
335	Elevator - LH
336	Elevator - RH
337	Center section for attachment of stabilizer to the tail fin

A9.6 MAJOR ZONE 400 - POWERPLANT AND NACELLES (figure 8)

A. Sub-zone 410 - LH Powerplant

411	Forward cowling
412	Upper cowling
413	Cowling door
414	Pylon
415	Engine
416	Thrust reverser module

B. Sub-zone 420 - RH Powerplant

421	Forward cowling
422	Upper cowling
423	Cowling door
424	Pylon
425	Engine
426	Thrust reverser module

A9.7 MAJOR ZONE 500/600 - LEFT WING/RIGHT WING (figure 8)

A. Sub-zone 510/610 - Wing Leading Edge

511/611	Inboard wing leading edge
512/612	Center wing leading edge
513/613	Outboard wing leading edge

B. Sub-zone 530/630 - Area between Y = 960.0 and Y = 3815.0

531/631	Area between spar I and spar II
532/632	Area between spar II and spar III

C. Sub-zone 540/640 - Area between Y = 3815.0 and YA = 7792.08

541/641	Area between spar I and spar II

D. Sub-zone 550/650 - Area between YA = 7792.08 and YA = 9785.0

551/651	Area between spar I and spar II

E. Sub-zone 560/660 - Winglet

561/661	Wing tip fairing
561/661	Winglet (Applicable only to EMB-145XR)

F. Sub-zone 570/670 - Wing Trailing Edge

571/671	Inboard flap
572/672	Outboard flap
573/673	Aileron
5711/6711	Inboard flap lower shroud
5712/6712	Ground spoiler
5713/6713	Ground spoiler/speed breaker
5721/6721	Outboard flap lower shroud
5722/6722	Outboard flap upper shroud
5731/6731	Aileron lower shroud
5732/6732	Aileron upper shroud

A9.8 MAJOR ZONE 700 - LANDING GEARS AND GEAR COMPARTMENT DOORS (figure 8)

A. Sub-zone 710 - Nose Landing Gear and Gear Compartment Doors

711	Landing gear
713	Gear compartment LH forward door
714	Gear compartment RH forward door



MAINTENANCE REVIEW BOARD REPORT

B. Sub-zone 720 - RH Main Landing Gear and Gear Compartment Doors

721	Landing gear
722	Gear compartment door

C. Sub-zone 730 - LH Main Landing Gear and Wheel well Doors

731	Landing gear
732	Gear compartment door

A9.9 MAJOR ZONE 800 -DOORS (figure 8)

A. Sub-zone 810 - Fuselage LH side

811	Main door
812	Escape hatch
813	Baggage door

B. Sub-zone 820 - Fuselage RH side

821	Emergency/service door
822	Escape hatch

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APPENDIX 10

ACCESS DOORS AND PANELS

A10.1 GENERAL

The access doors and panels in a zone are identified by an alphanumeric system which has three digits. They identify the zone where the access door or panel is, followed by a two-letter or three-letter suffix.

- (1) The first letter identifies a sequence which starts with the letter A.
- (2) The second letter shows the location of each access door or panel in relation to the aircraft as follows:

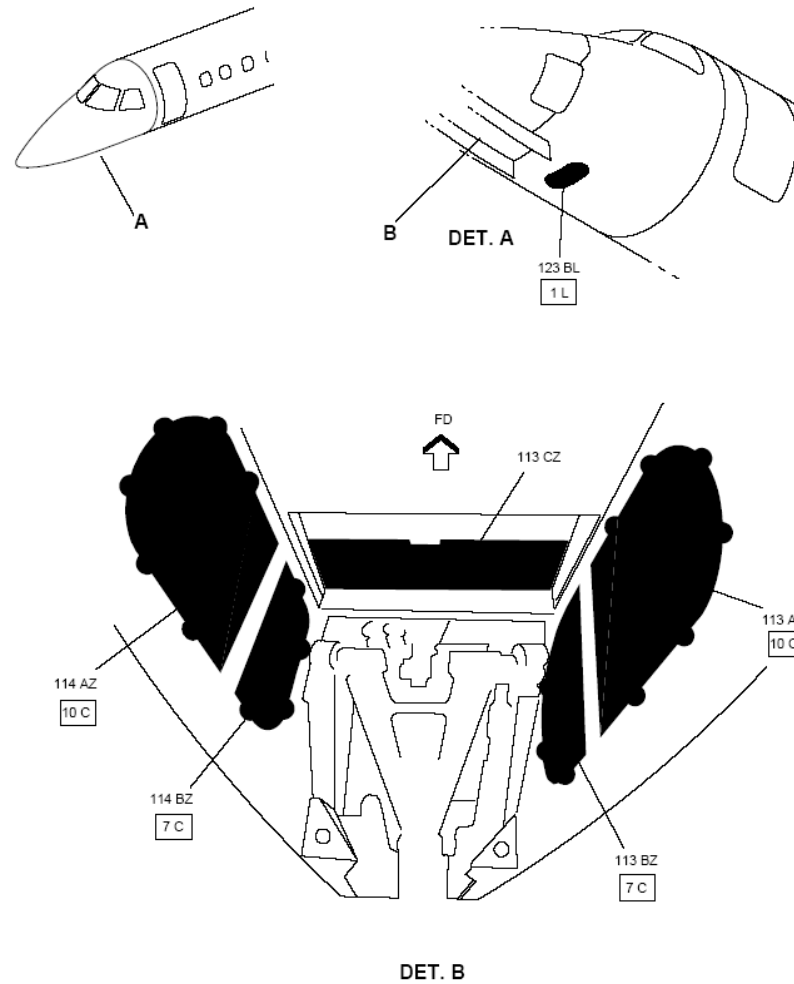
B	Bottom
T	Top
L	Left
R	Right
Z	Inboard

- (3) An optional third letter is used to identify the floor, wall or ceiling panels as follows:

F	Floor Panel
W	Sidewall lining panel
C	Ceiling lining panel

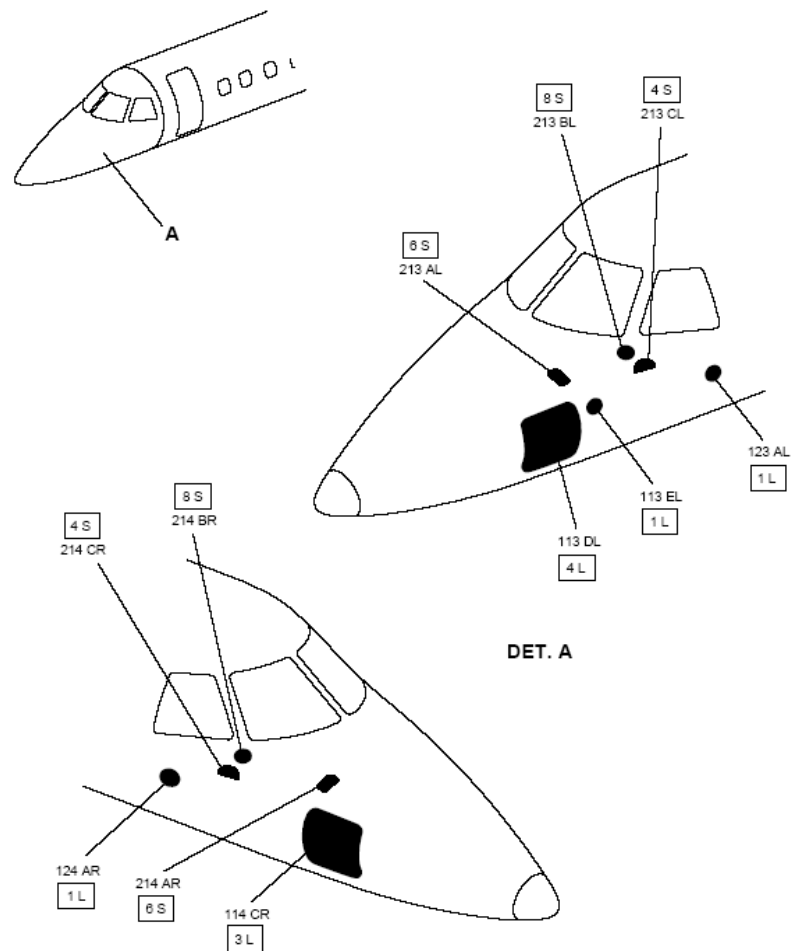
- (4) Each panel gets a fastener identification code, which identifies the type and quantity of the fasteners for each panel.

Fastener Identification Code	
L	Latch
S	Screw
C	Camloc



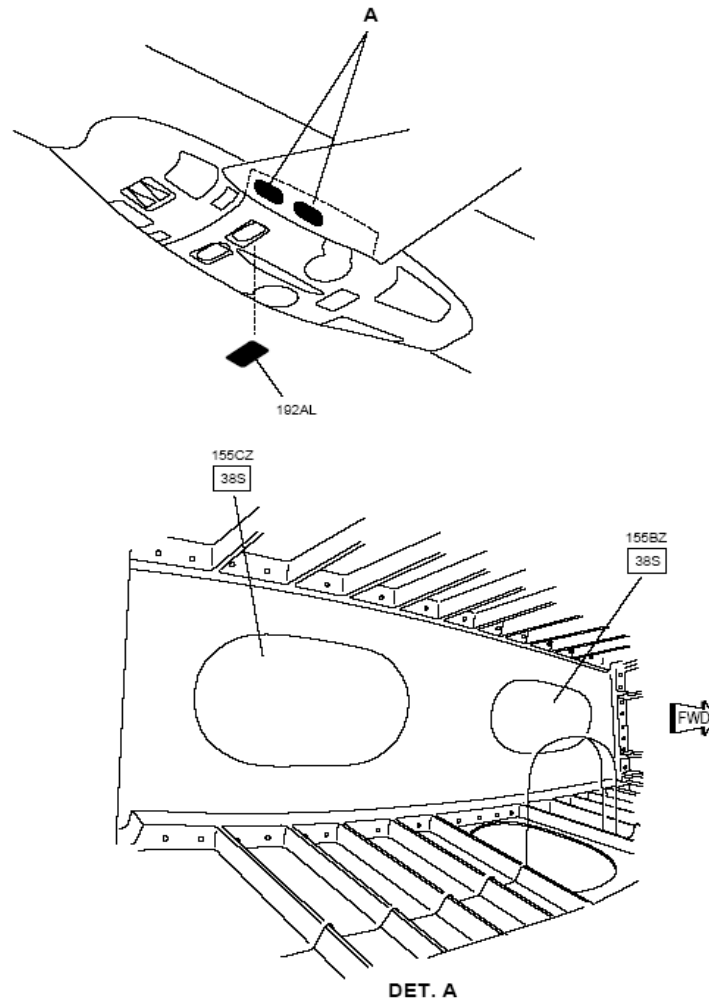
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Nose Landing Gear Compartment Access Doors and Panels
Figure 1
Sheet 1



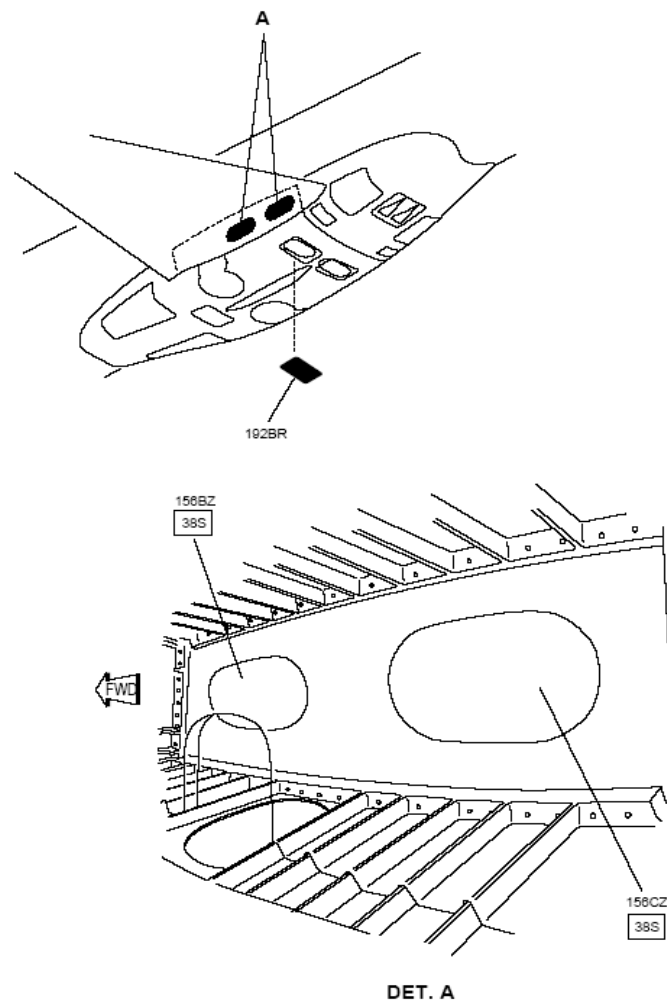
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Forward Fuselage External Access Doors and Panels
Figure 2
Sheet 1



145AMM060030.MCE B

Wing Stub Access Doors and Panels (LH) (EMB-145EU/EP/ER and EMB-135ER)
Figure 3
Sheet 1

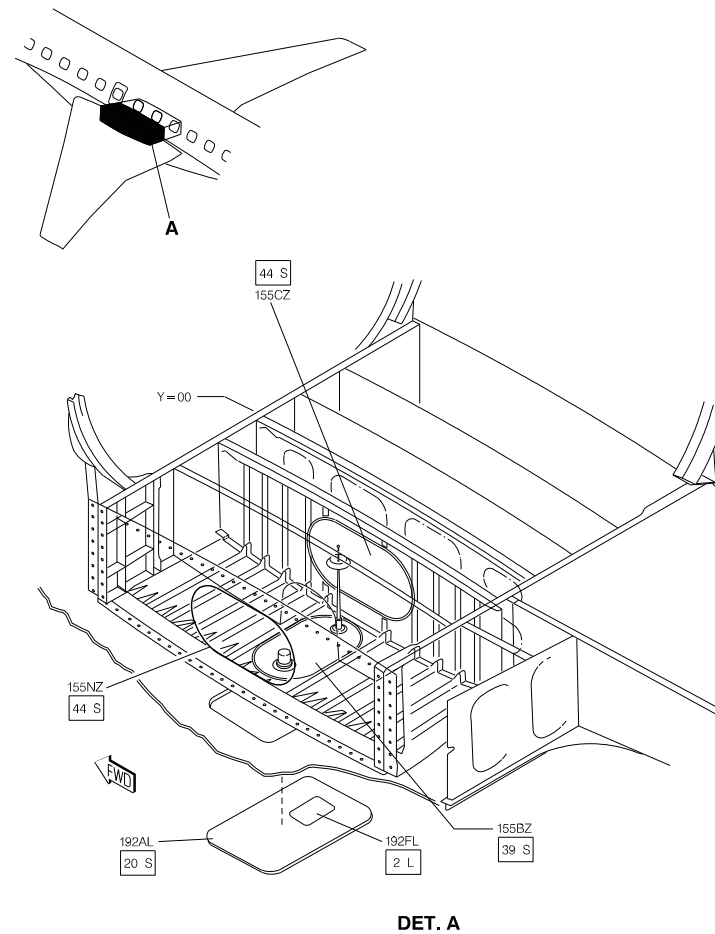


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Wing Stub Access Doors and Panels (RH) (EMB-145EU/EP/ER and EMB-135ER)

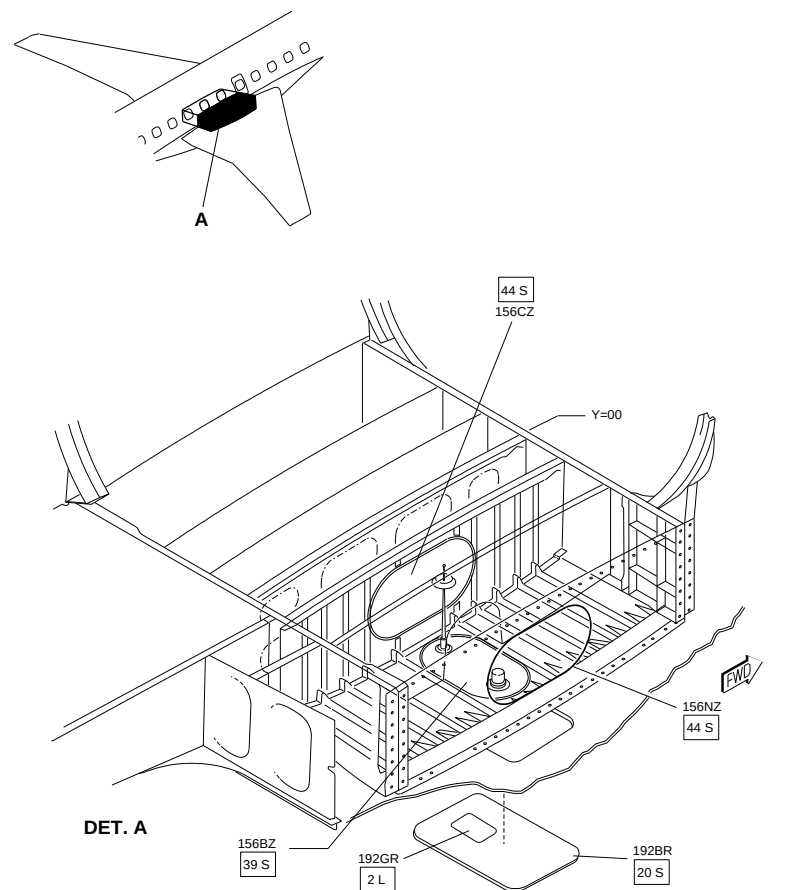
Figure 3

Sheet 2



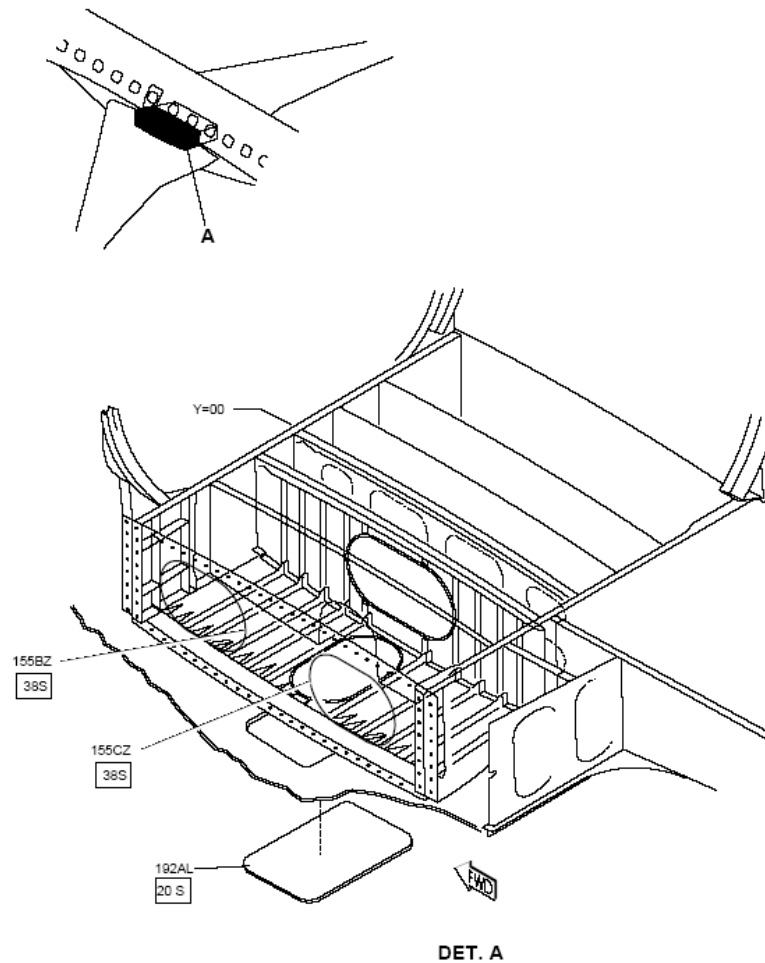
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Wing Stub Access Doors and Panels (LH) (EMB-145LR/LU/XR and EMB-135LR/KL)
Figure 3
Sheet 3



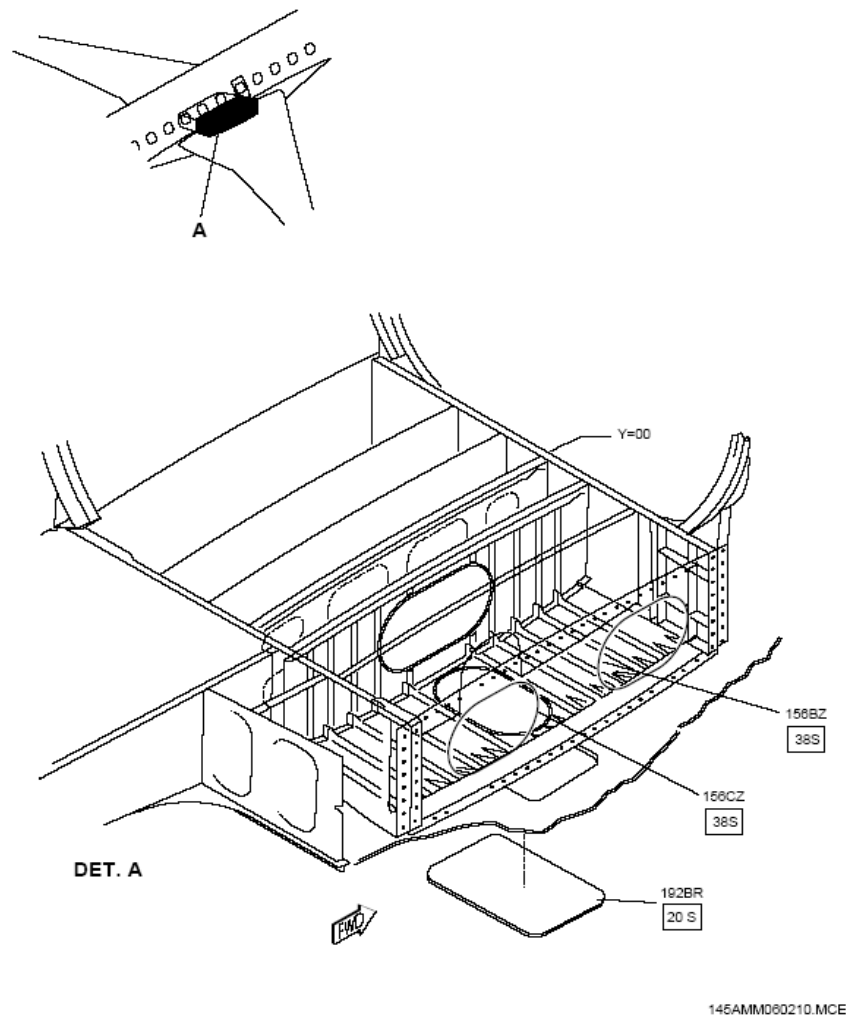
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Wing Stub Access Doors and Panels (RH) (EMB-145LR/LU/XR and EMB-135LR/KL)
Figure 3
Sheet 4

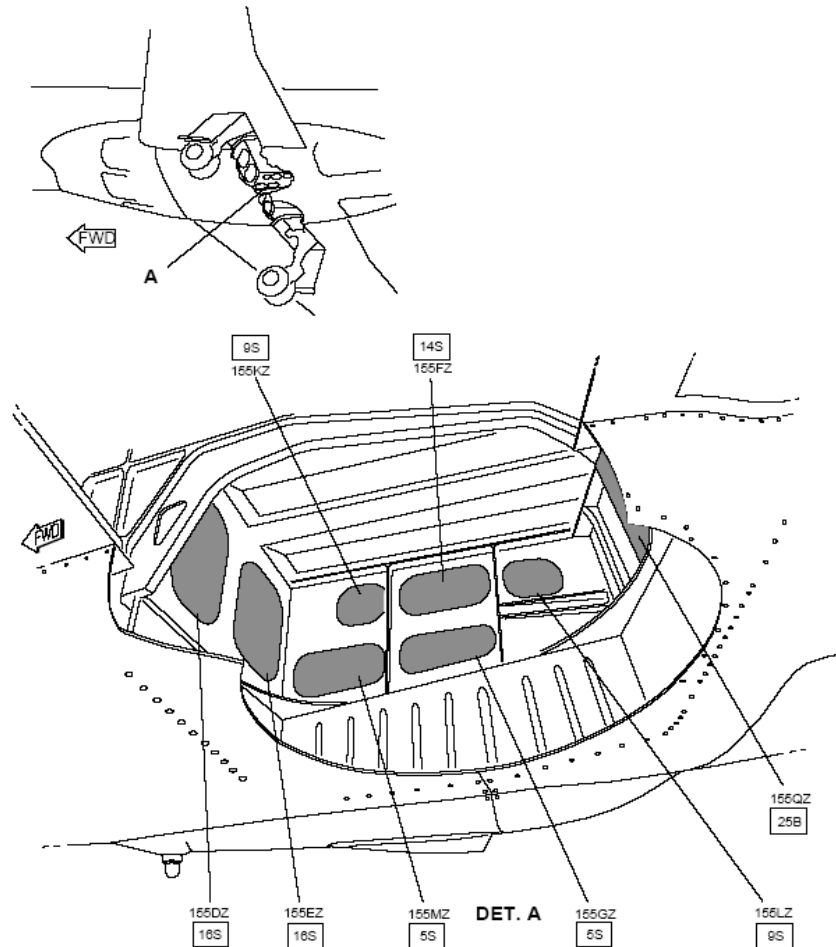


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Wing Stub Access Doors and Panels (LH) (EMB-145MR/MP/MK and EMB-135KE)
Figure 3
Sheet 5

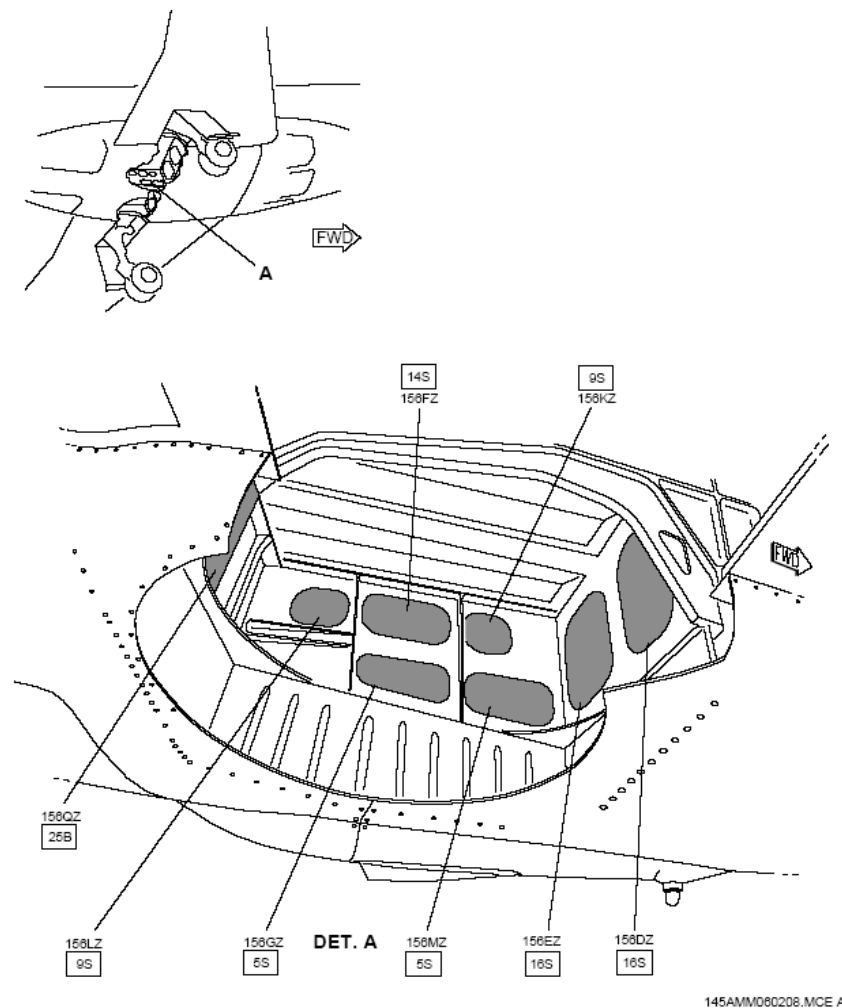


Wing Stub Access Doors and Panels (RH) (EMB-145MR/MP/MK and EMB-135KE)
Figure 3
Sheet 6



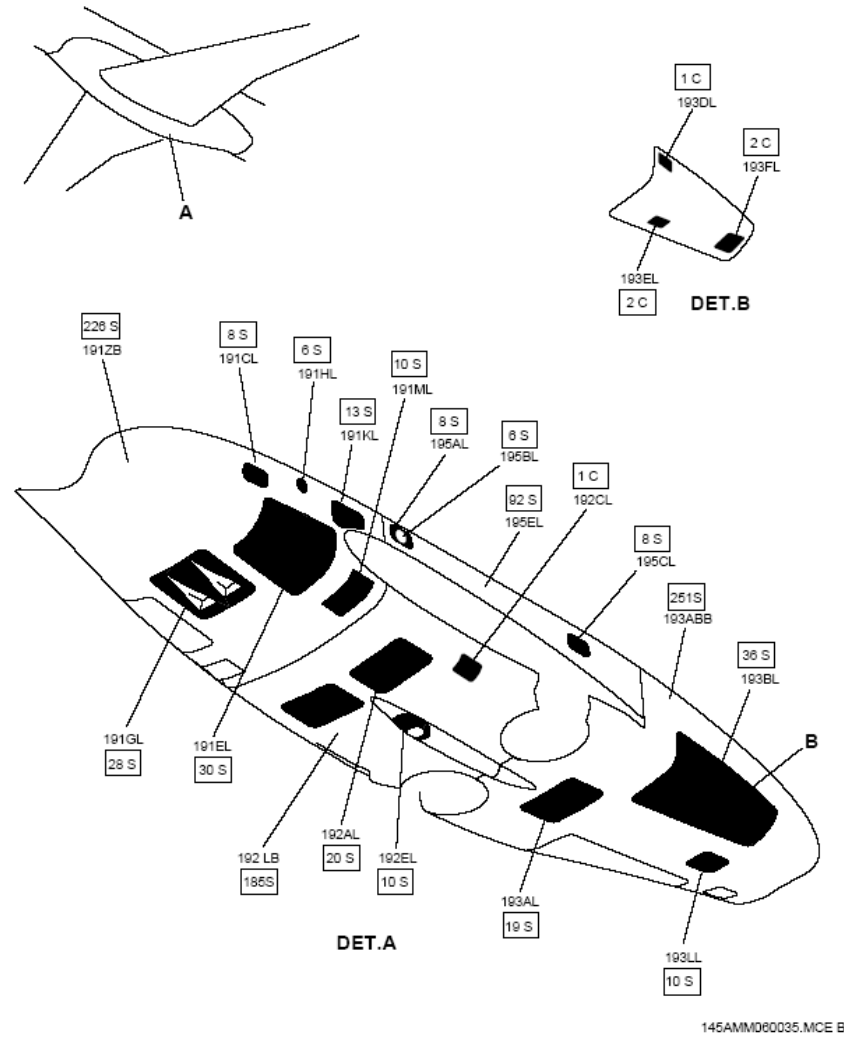
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Main Landing Gear Compartment Access Doors and Panels (LH)
Figure 4
Sheet 1

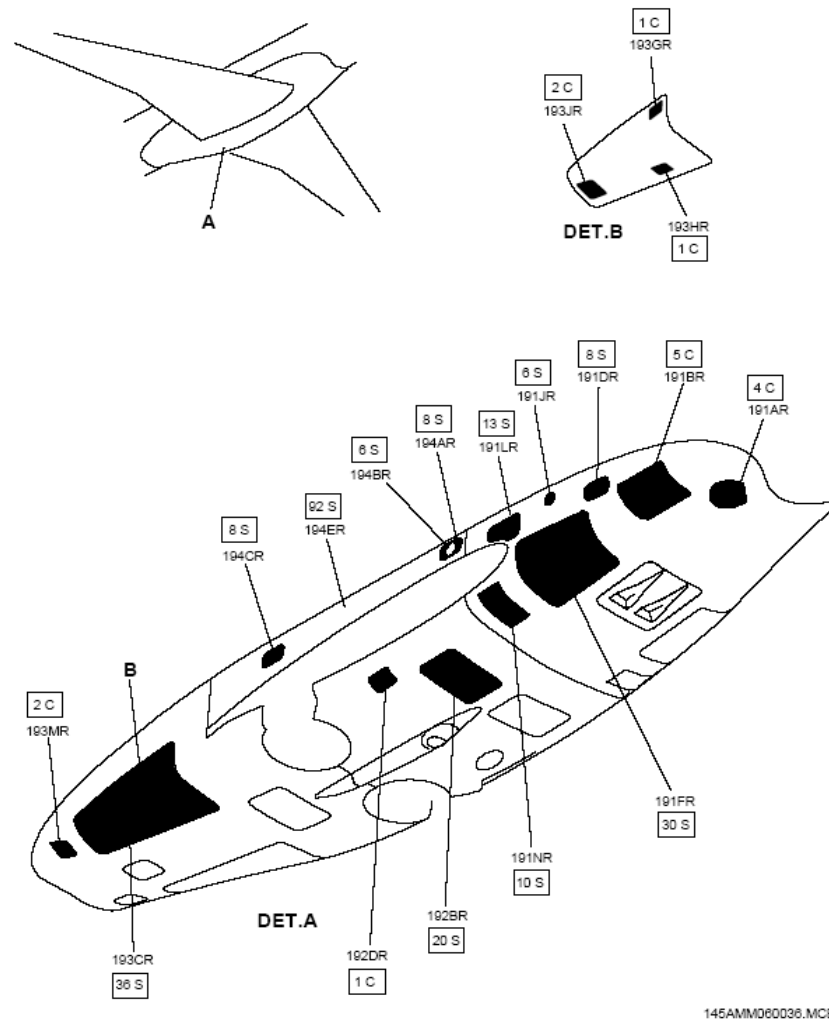


Main Landing Gear Compartment Access Doors and Panels (RH)

Figure 4
Sheet 2



Wing-to-Fuselage Attachment Fairing Access Doors and Panels (LH) (EMB-145EU/EP/ER and EMB-135ER)
Figure 5
Sheet 1

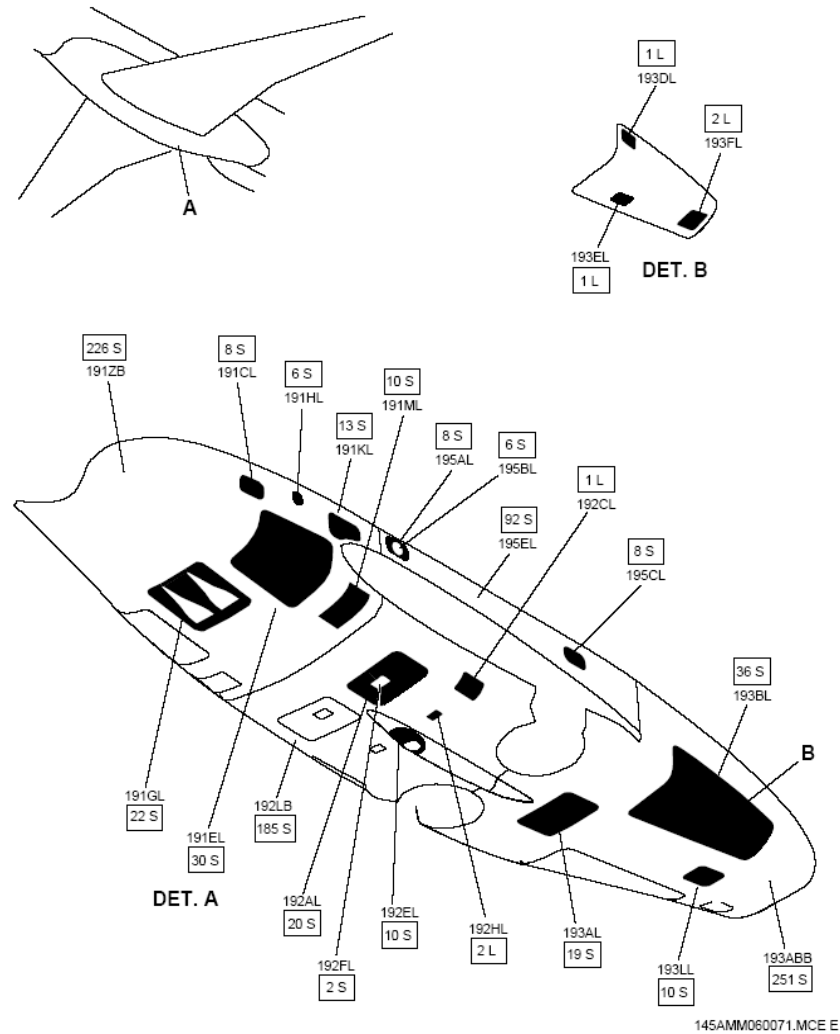


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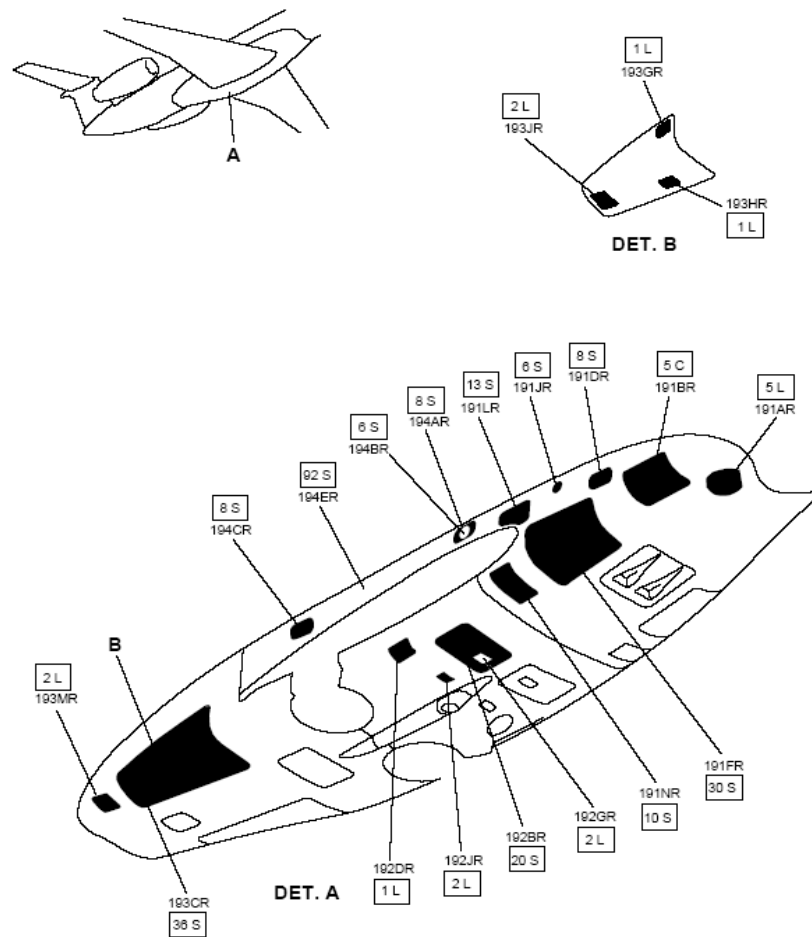
Wing-to-Fuselage Attachment Fairing Access Doors and Panels (RH) (EMB-145EU/EP/ER and EMB-135ER)

Figure 5

Sheet 2

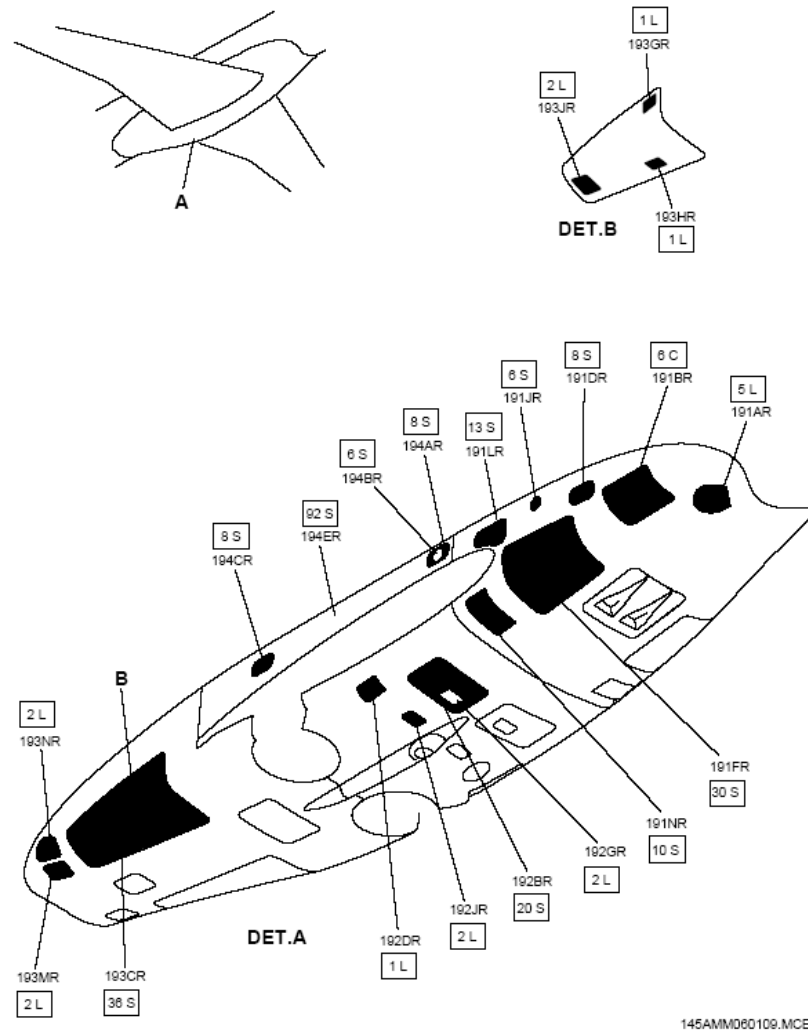


Wing-to-Fuselage Attachment Fairing Access Doors and Panels (LH) (EMB-145MR/MP/MK/LR/LU and EMB-135LR/KE/KL)
Figure 5
Sheet 3



145AMM080072.MCE C

Wing-to-Fuselage Attachment Fairing Access Doors and Panels (RH) (EMB-145MR/MP/MK/LR/LU)
Figure 5
Sheet 4



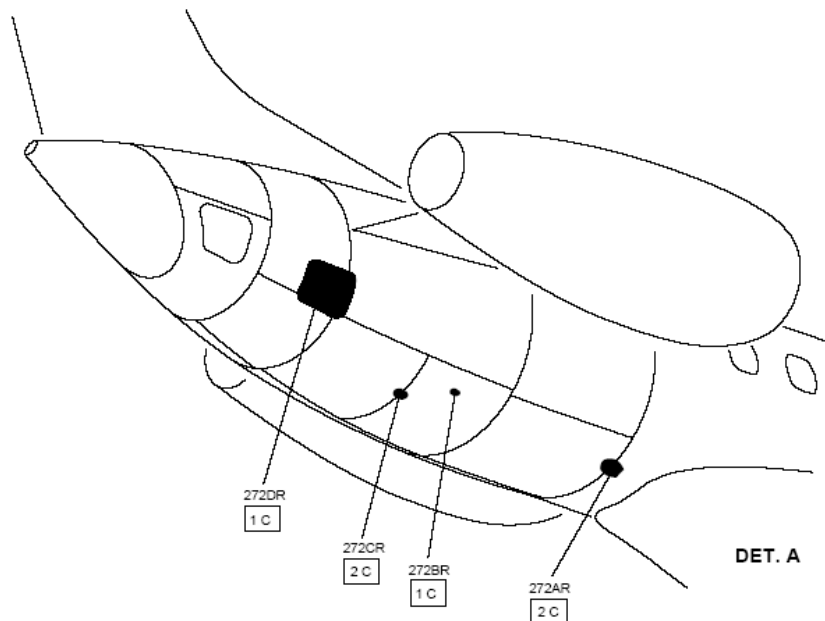
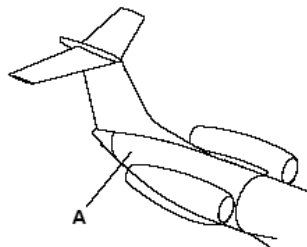
Wing-to-Fuselage Attachment Fairing Access Doors and Panels (RH) (EMB-135LR/KE/KL)
Figure 5
Sheet 5



Wing-to-Fuselage Attachment Fairing Access Doors and Panels (LH) (EMB-145XR)
Figure 5
Sheet 6

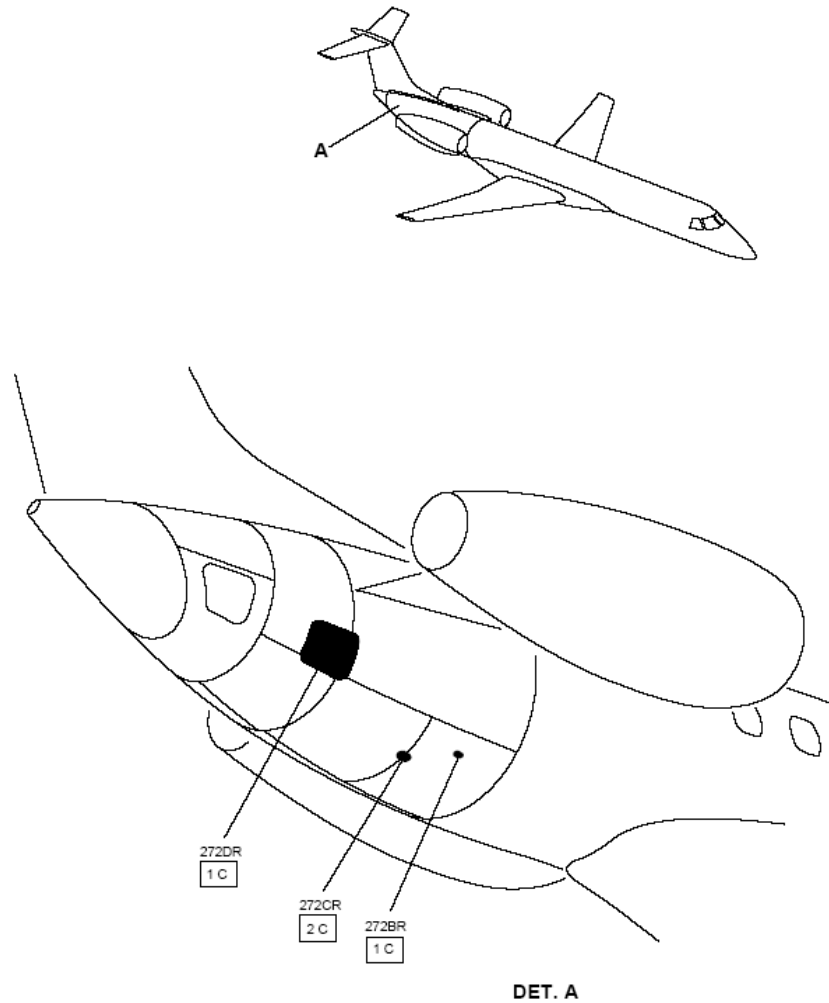


MRB-145/1150

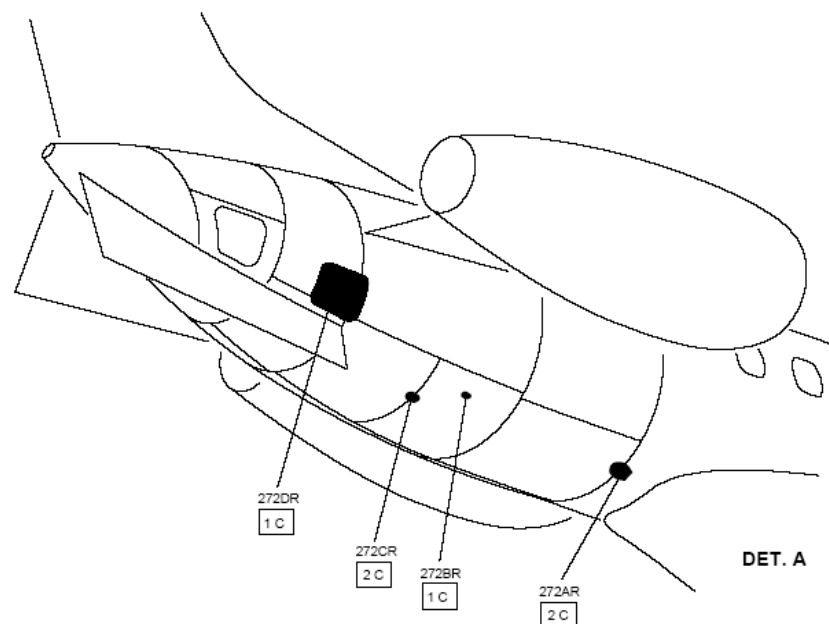
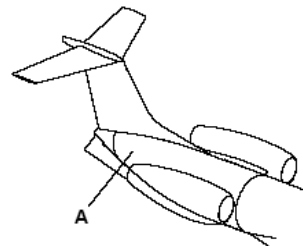


145AMM080037.MCE A

Rear Fuselage External Access Doors and Panels (EMB-145LR/LU/MR/MP/MK/EU/EP/ER)
Figure 6
Sheet 1



Rear Fuselage External Access Doors and Panels (EMB-135ER/LR/KE/KL)
Figure 6
Sheet 2

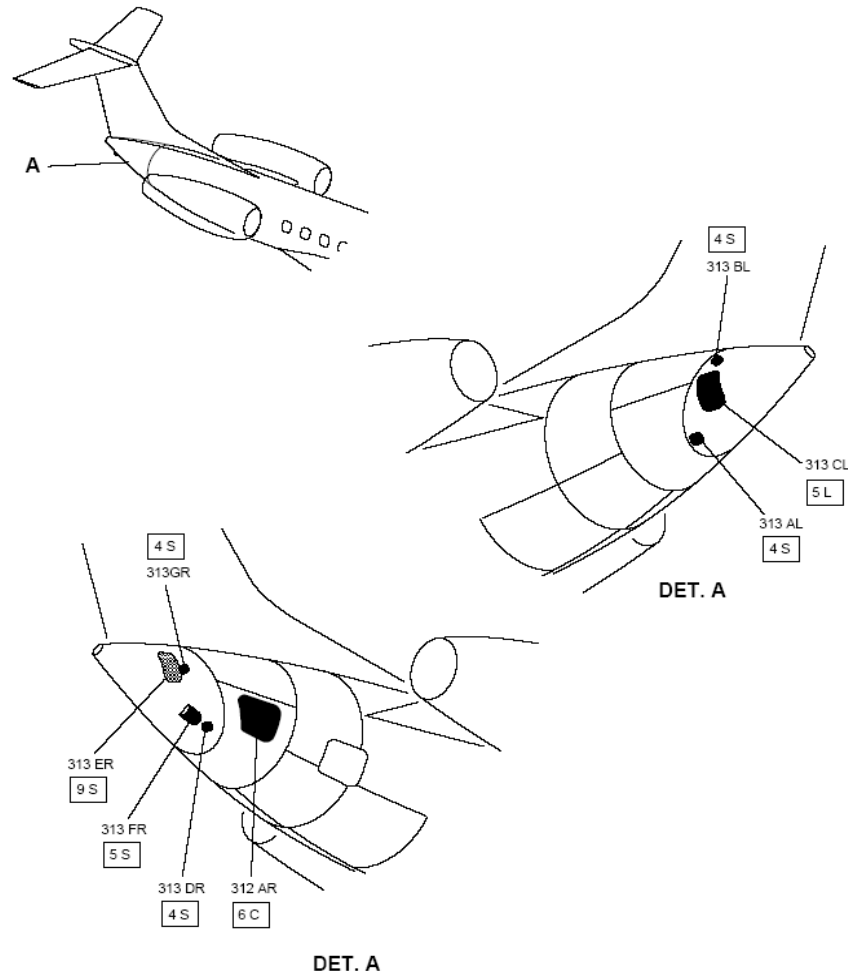


145AMM080291.MCE

Rear Fuselage External Access Doors and Panels (EMB-145XR)

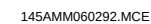
Figure 6

Sheet 3

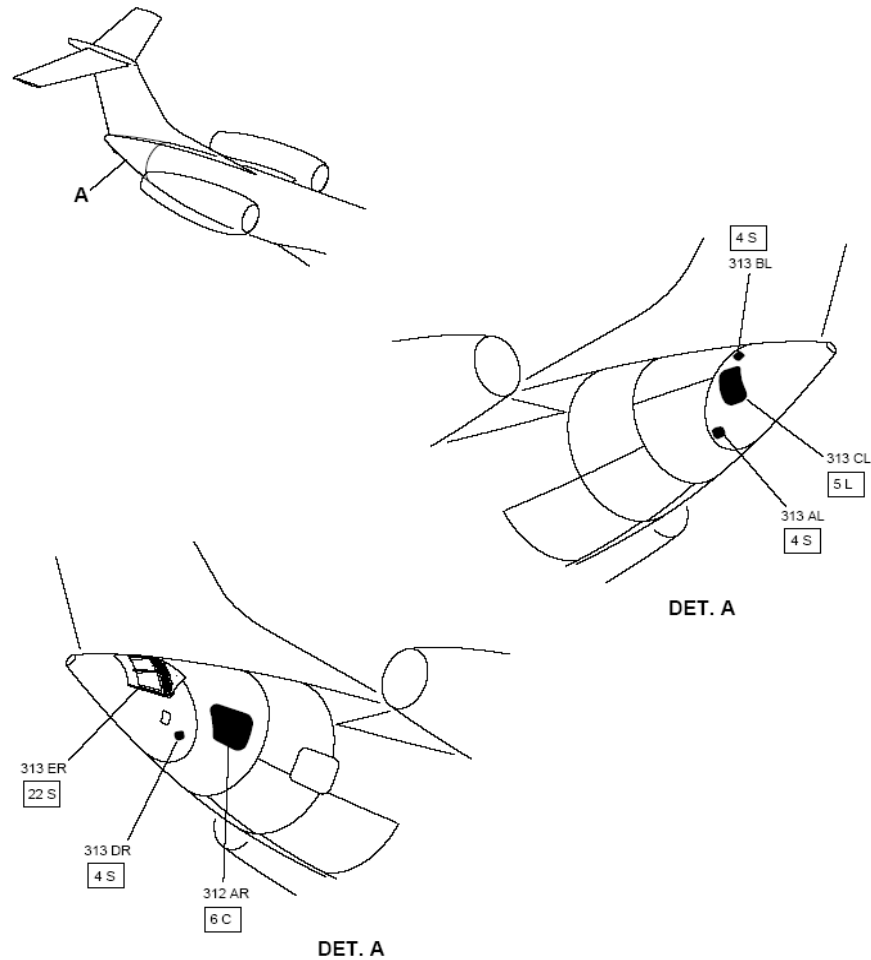


14SAMM060038.MCE B

Fuselage Rear Section II Access Doors and Panels (Aircraft without APU COWLING 145-54858 Series)
Figure 7
Sheet 1



Fuselage Rear Section II Access Doors and Panels (EMB-145XR) (Aircraft without APU COWLING 145-54858 Series)
Figure 7
Sheet 2

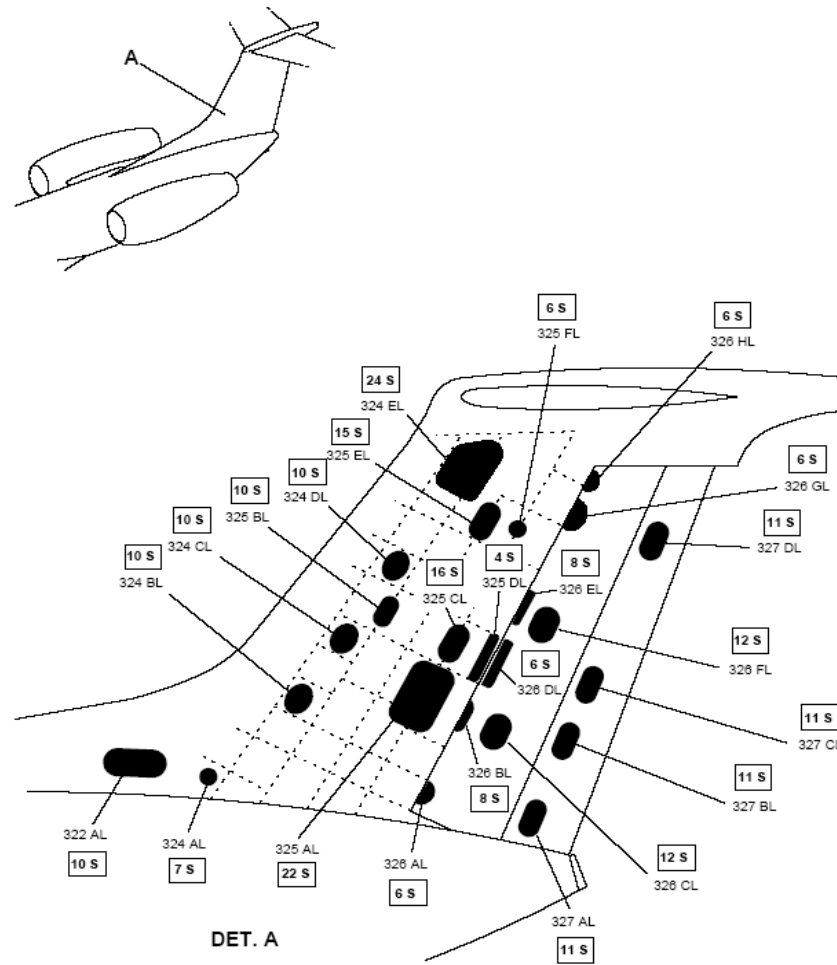


145AMM060336.MCE

Fuselage Rear Section II Access Doors and Panels (Aircraft with APU COWLING 145-54858 Series)
Figure 7
Sheet 3



Figure 8
Sheet 1

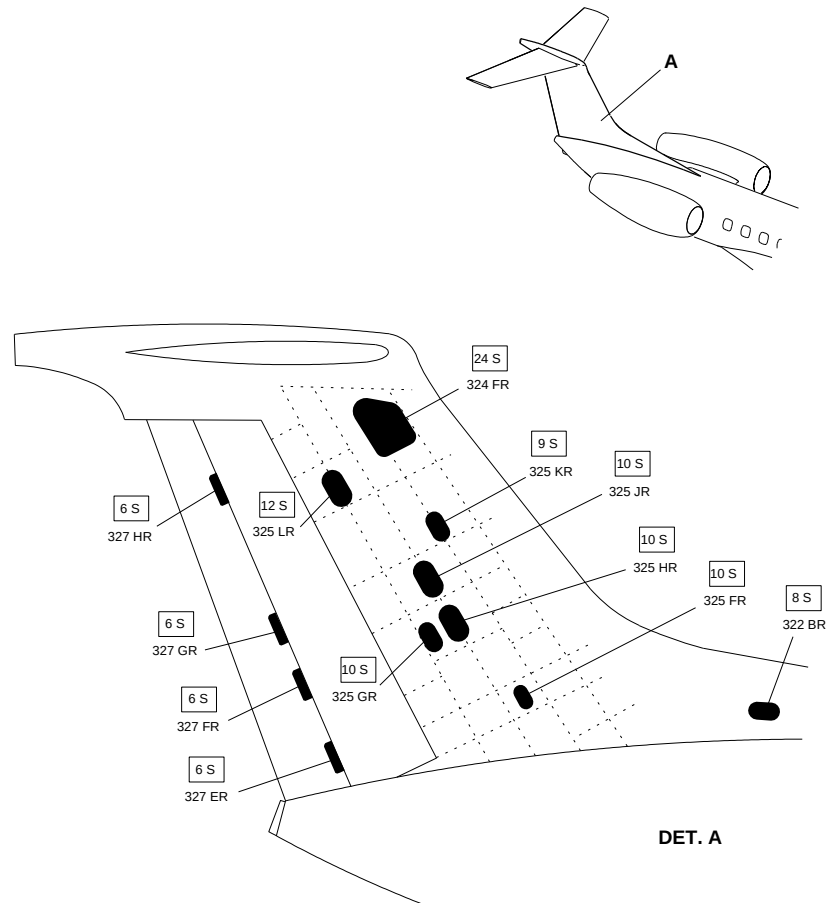


145AMM060161.MCE

Vertical Stabilizer and Rudders Access Doors and Panels (LH) (EMB-135 KE/KL)
Figure 8
Sheet 2

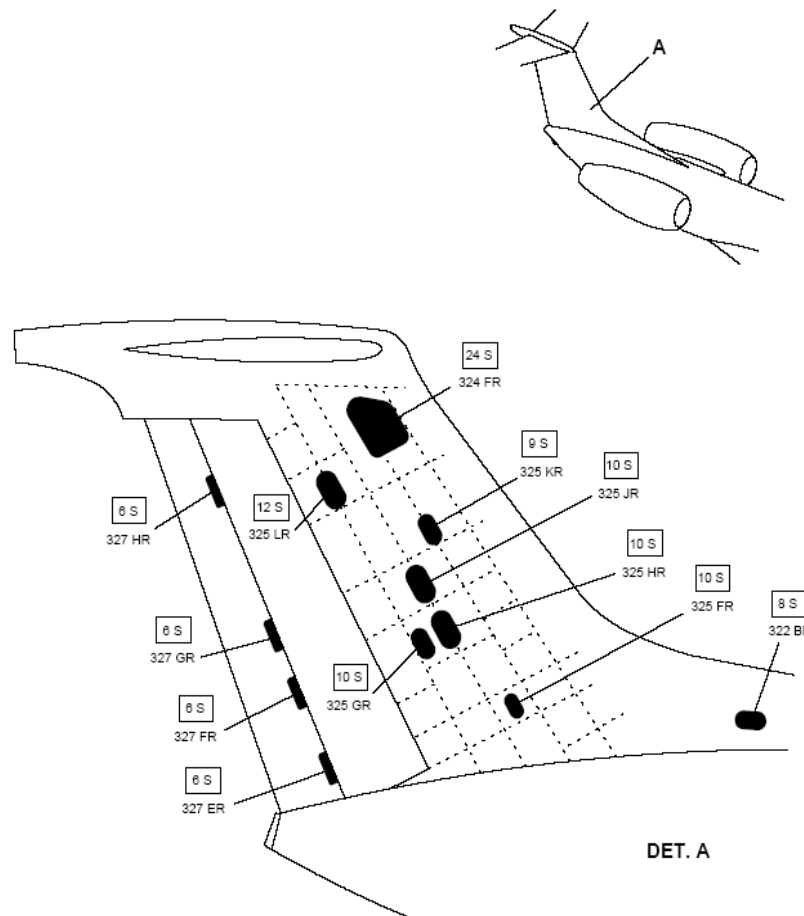


Vertical Stabilizer and Rudders Access Doors and Panels (LH) (EMB-145XR)
Figure 8
Sheet 3



145AMM060044.MCE A

Vertical Stabilizer and Rudders Access Doors and Panels (LH) (EMB-145 EU/EP/ER/MR/MP/MK/LR/LU and EMB-135 ER/LR)
Figure 8
Sheet 4

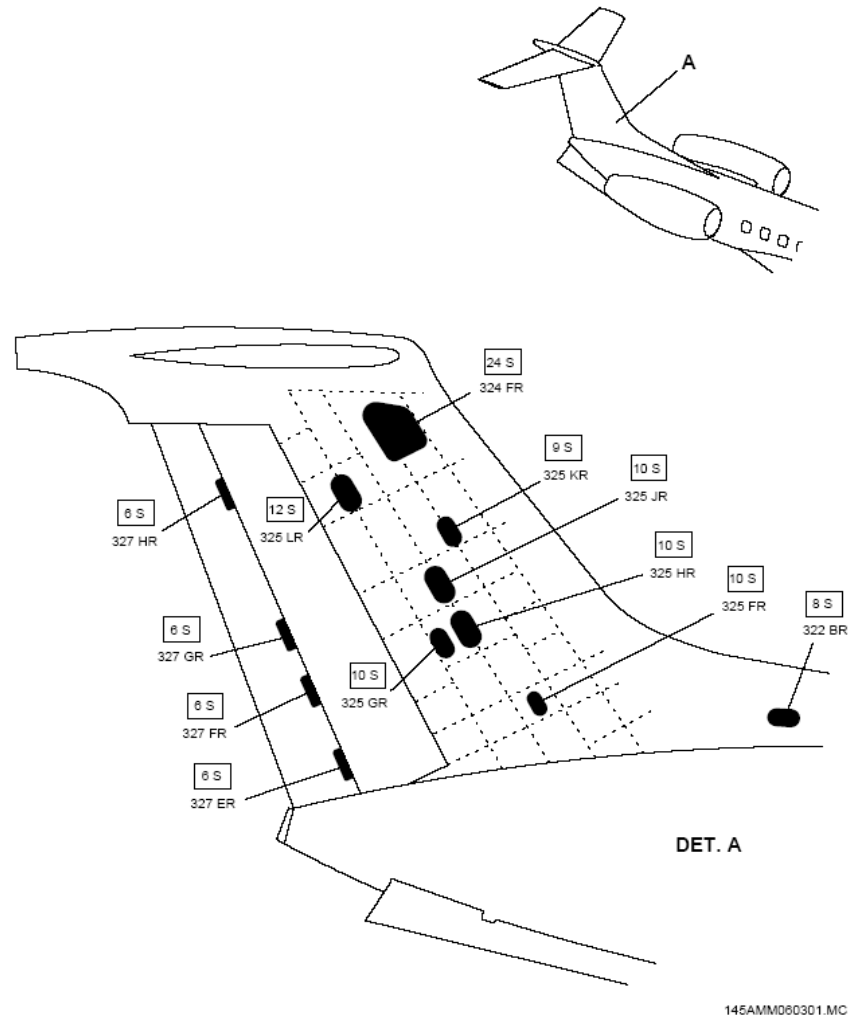


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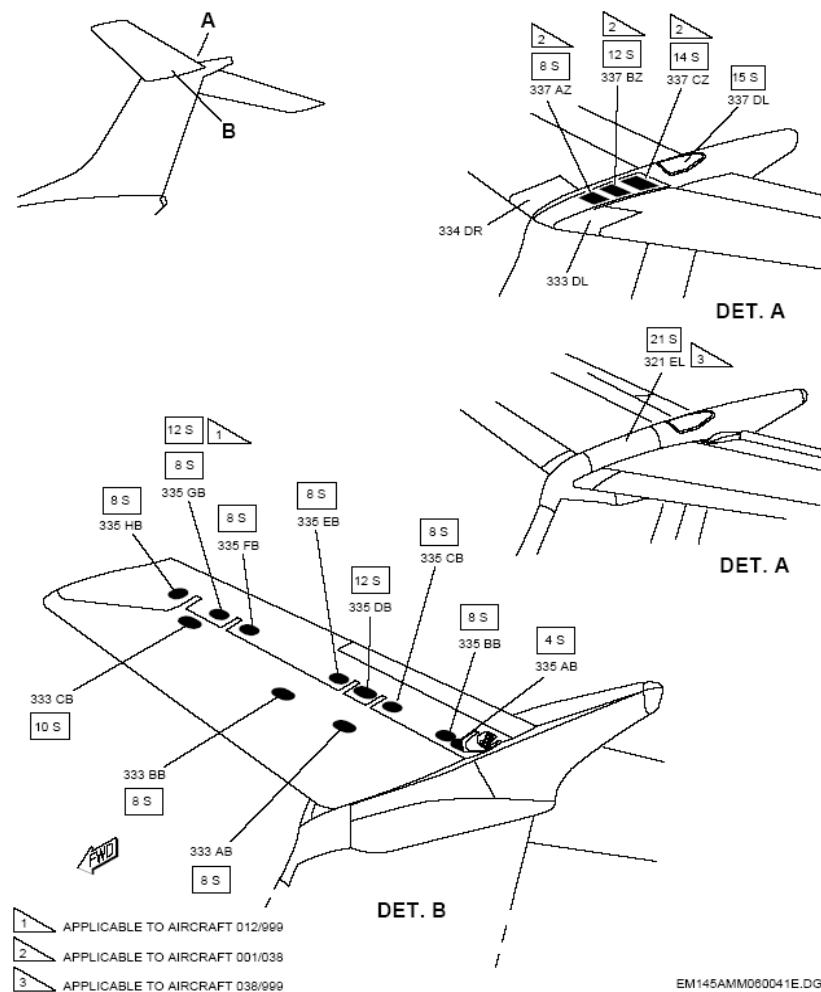
Vertical Stabilizer and Rudder Access Doors and Panels (RH) (EMB-135 KE/KL)

Figure 8

Sheet 5



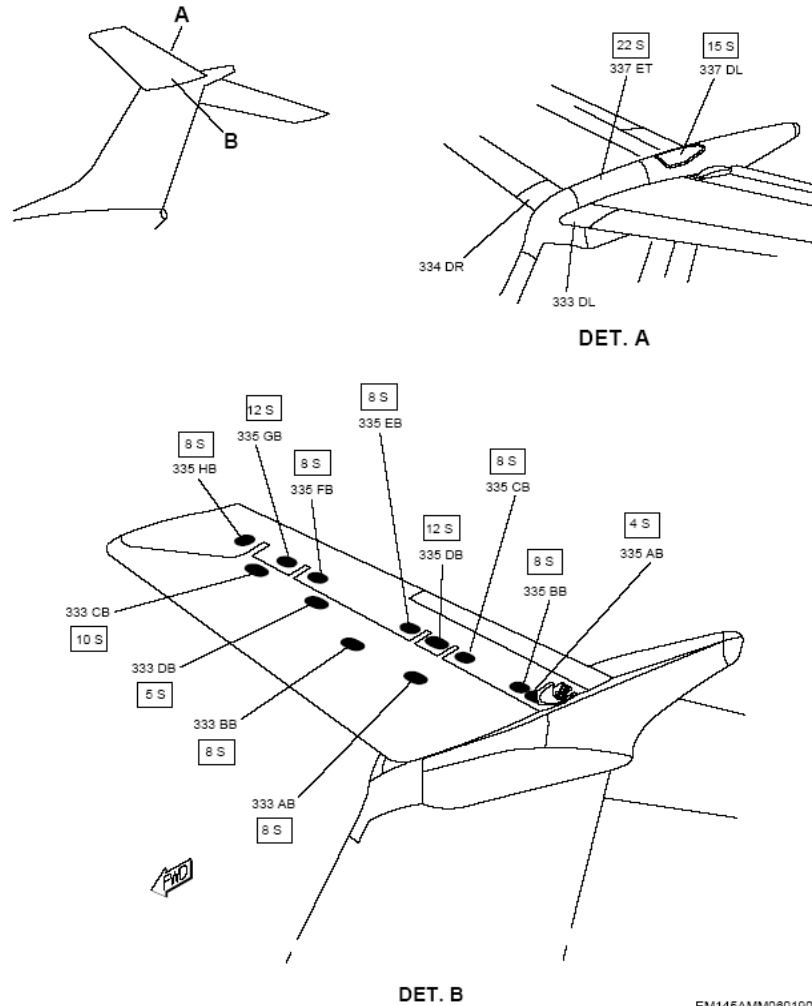
Vertical Stabilizer and Rudders Access Doors and Panels (RH) (EMB-145XR)
Figure 8
Sheet 6



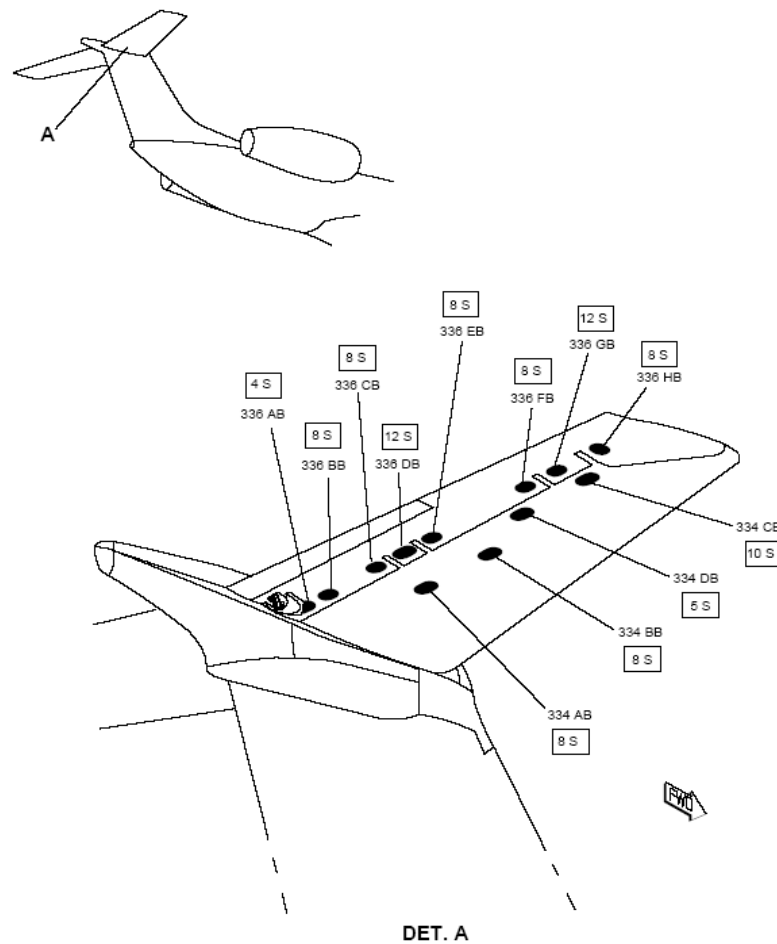
Horizontal Stabilizer and Elevator Access Doors and Panels (LH) (EMB-145 EU/EP/ER/MR/MP/MK/LR/LU)

Figure 9

Sheet 1

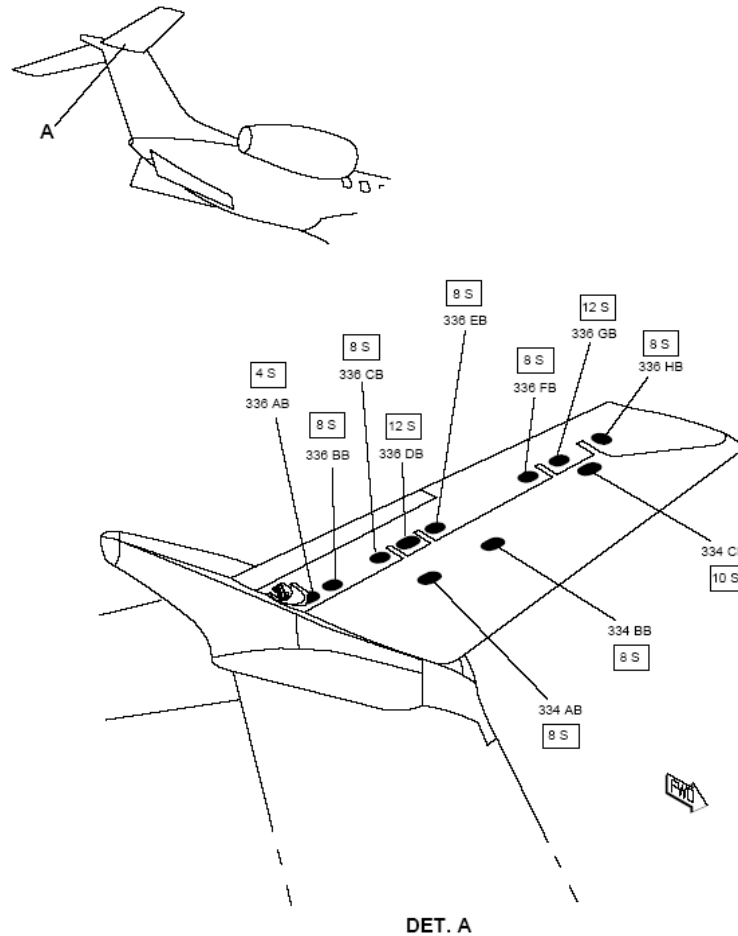


Horizontal Stabilizer and Elevator Access Doors and Panels (LH) (EMB-145XR and EMB-135 ER/LR/KE/KL)
Figure 9
Sheet 2



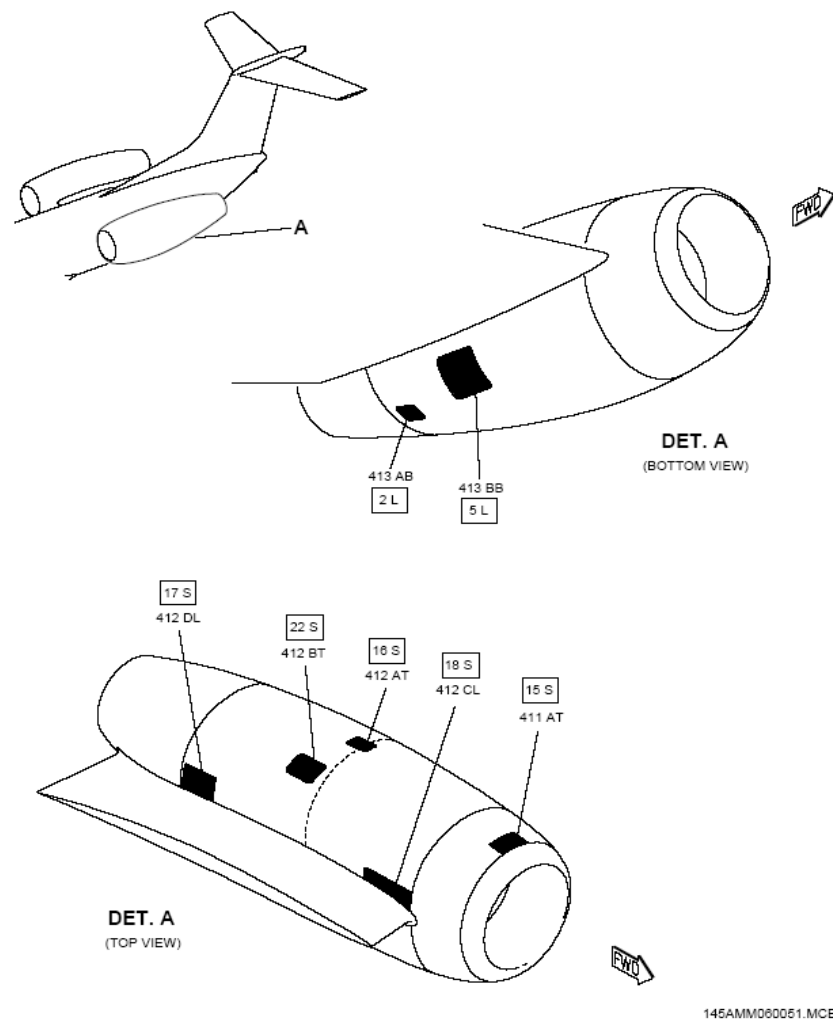
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Horizontal Stabilizer and Elevator Access Doors and Panels (RH)
Figure 9
Sheet 3

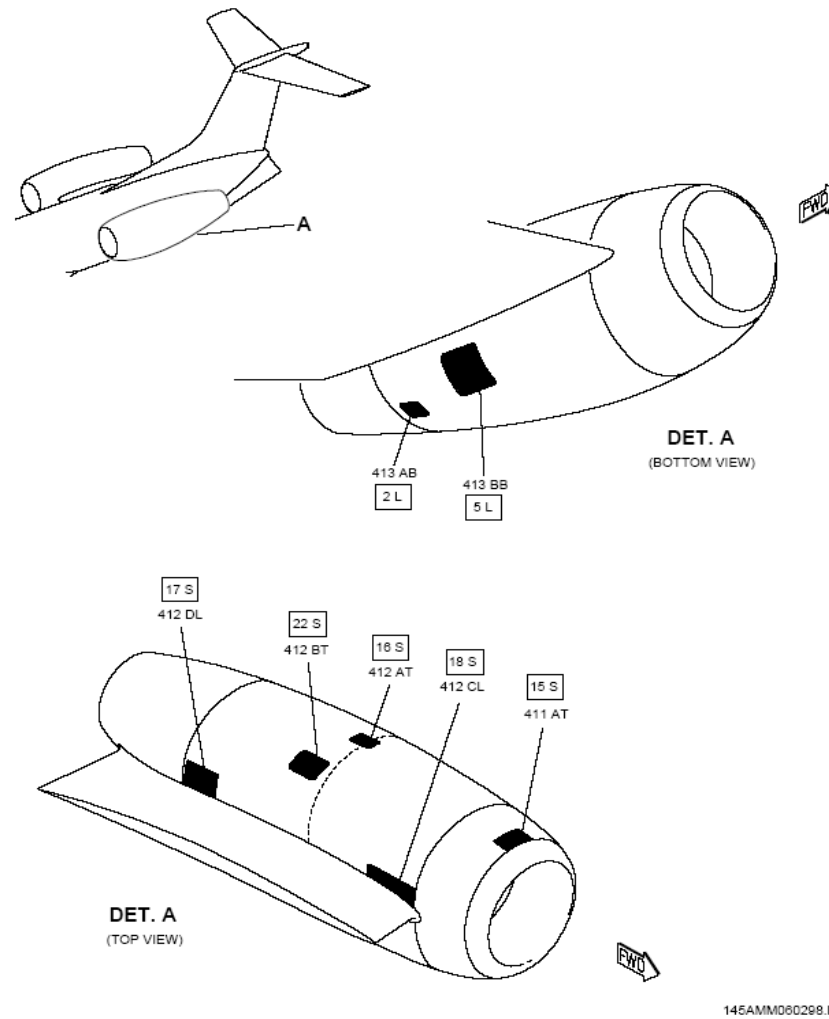


145AMM060300.MCE

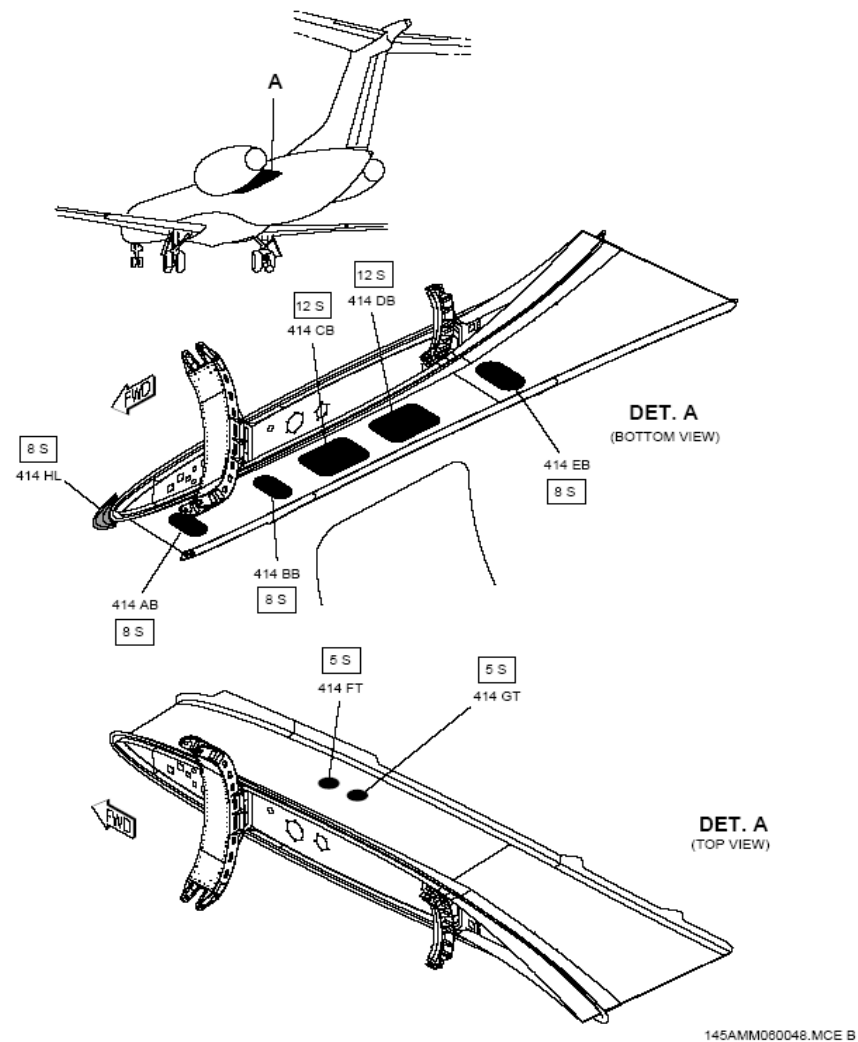
Horizontal Stabilizer and Elevator Access Doors and Panels (RH) (EMB-145XR)
Figure 9
Sheet 4



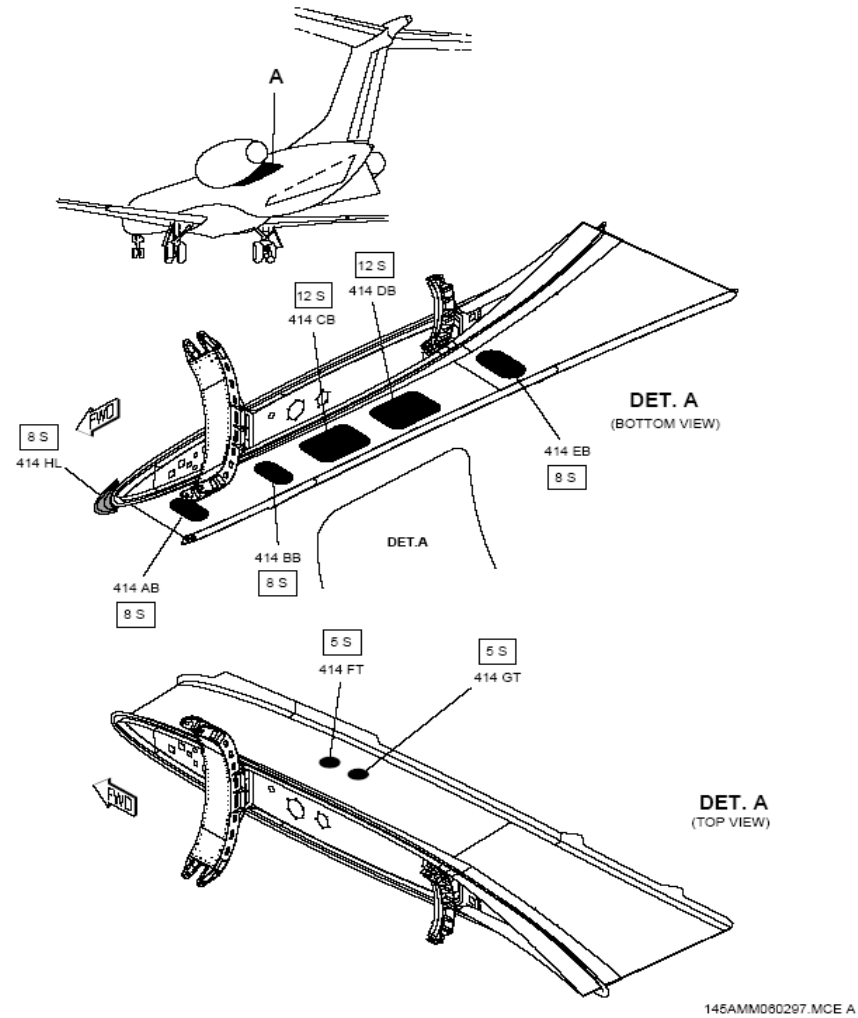
Power Plant and Nacelle Access Doors and Panels (LH)
Figure 10
Sheet 1



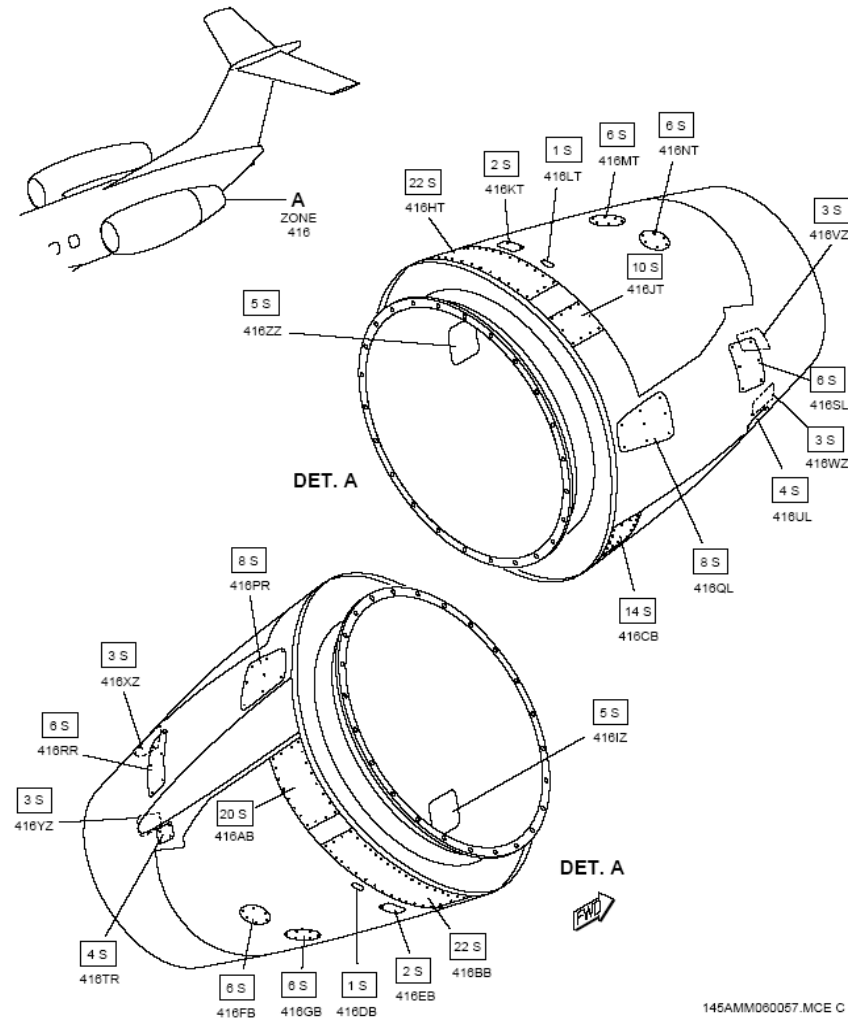
Power Plant and Nacelle Access Doors and Panels (LH) (EMB-145XR)
Figure 10
Sheet 2



Pylon Access Doors and Panels (LH)
Figure 10
Sheet 3



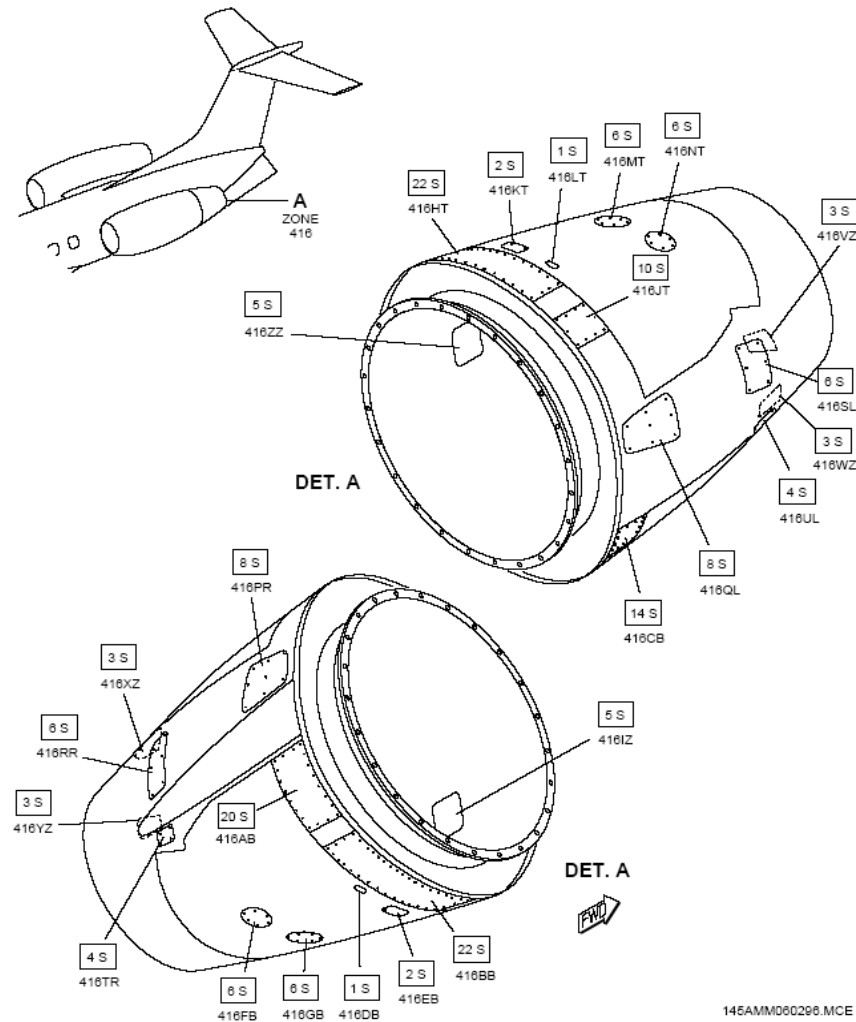
Pylon Access Doors and Panels (LH) (EMB-145XR)
Figure 10
Sheet 4



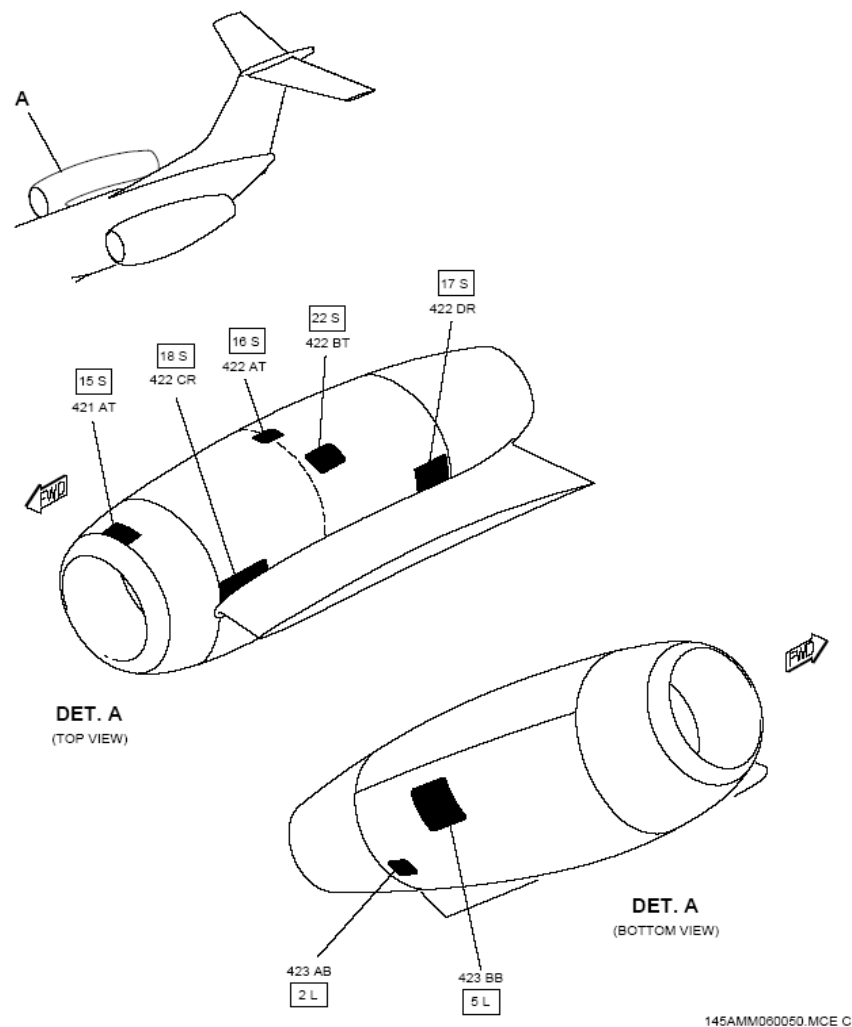
Thrust Reverser Access Doors and Panels (LH)

Figure 10

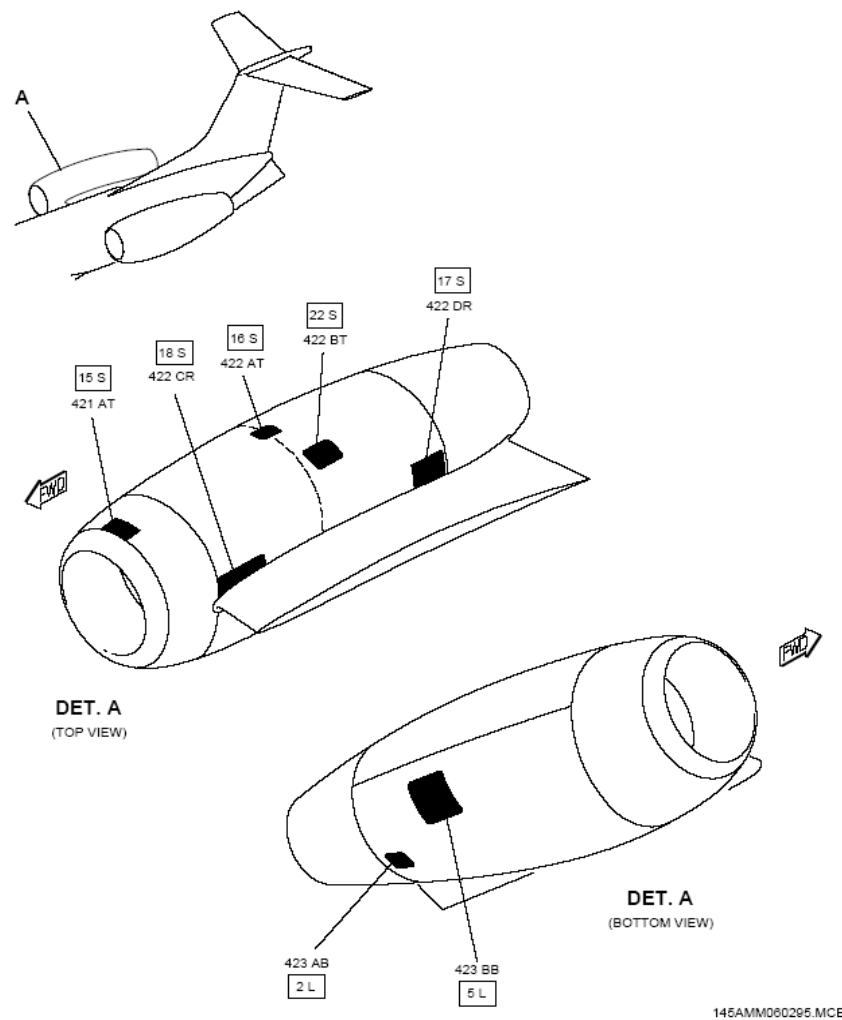
Sheet 5



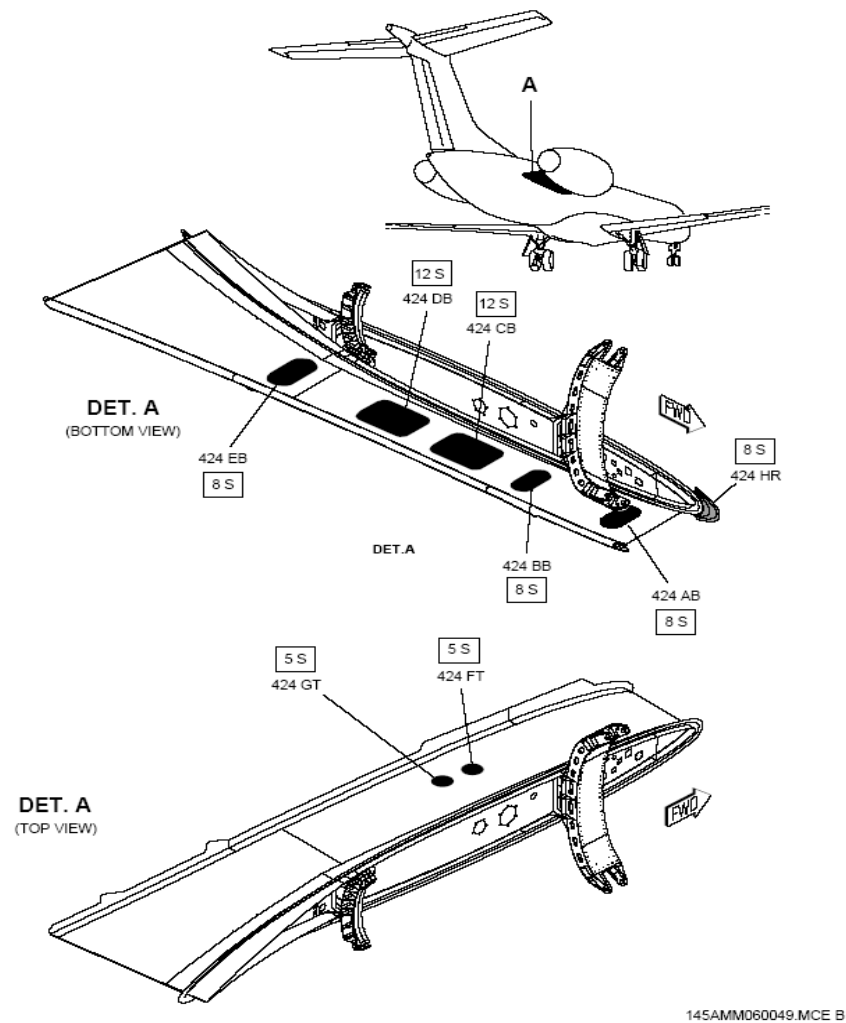
Thrust Reverser Access Doors and Panels (LH) (EMB-145XR)
Figure 10
Sheet 6



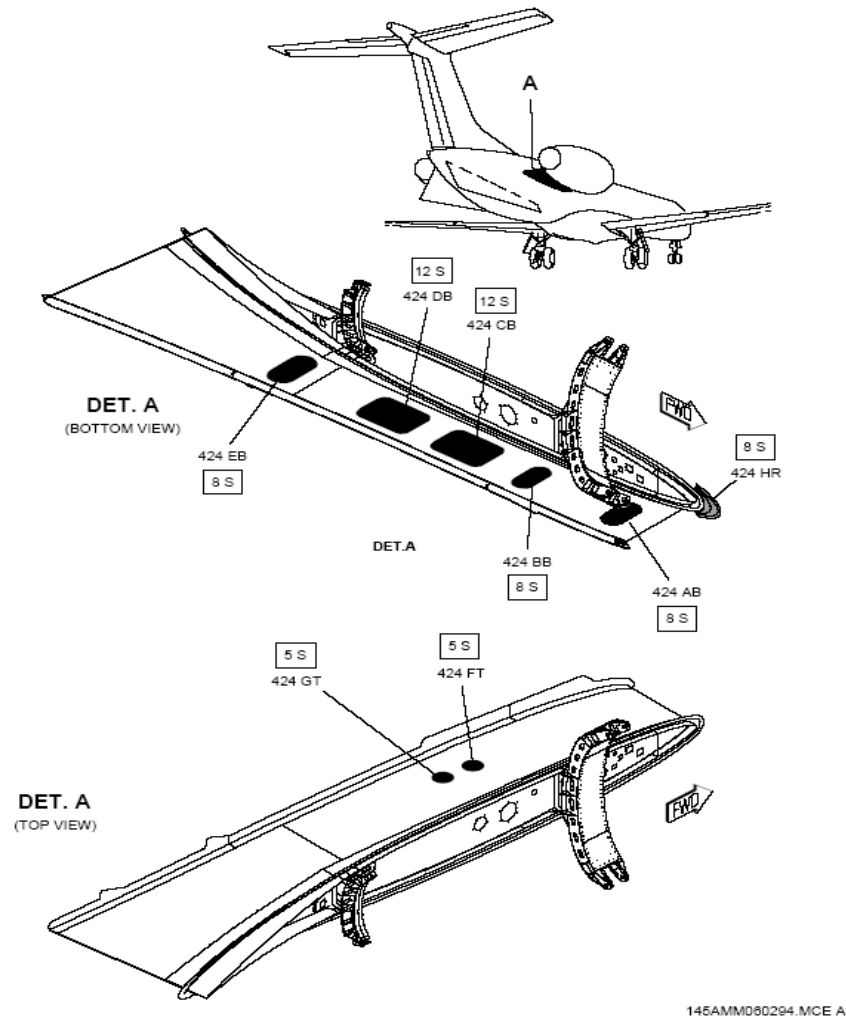
Power Plant and Nacelle Access Doors and Panels (RH)
Figure 10
Sheet 7



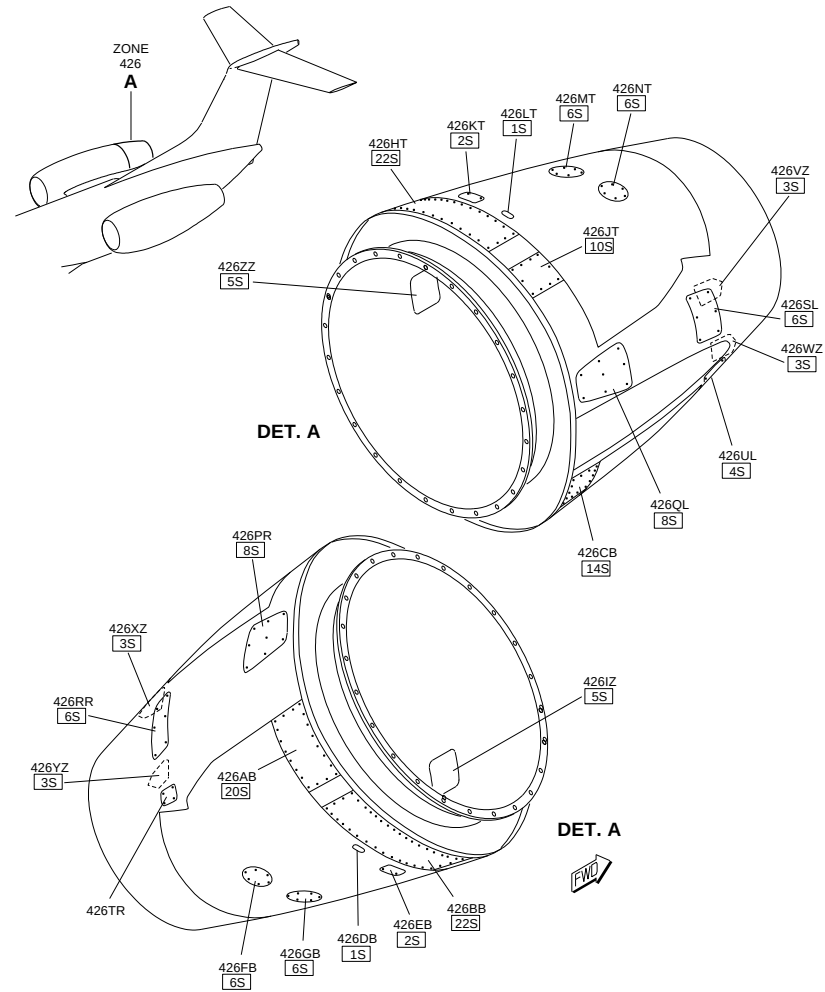
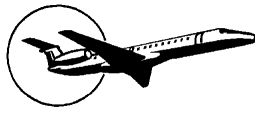
Power Plant and Nacelle Access Doors and Panels (RH) (EMB-145XR)
Figure 10
Sheet 8



Pylon Access Doors and Panels (RH)
Figure 10
Sheet 9

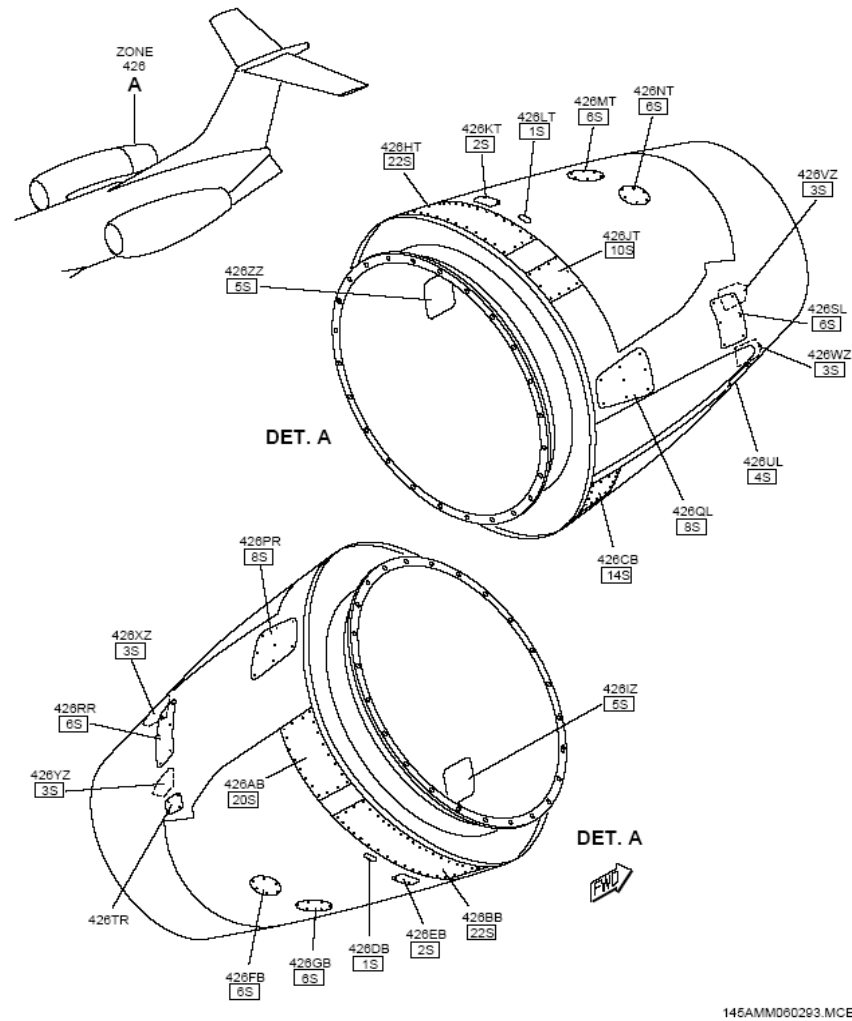


Pylon Access Doors and Panels (RH) (EMB-145XR)
Figure 10
Sheet 10

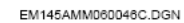


Thrust Reverser Access Doors and Panels (RH)

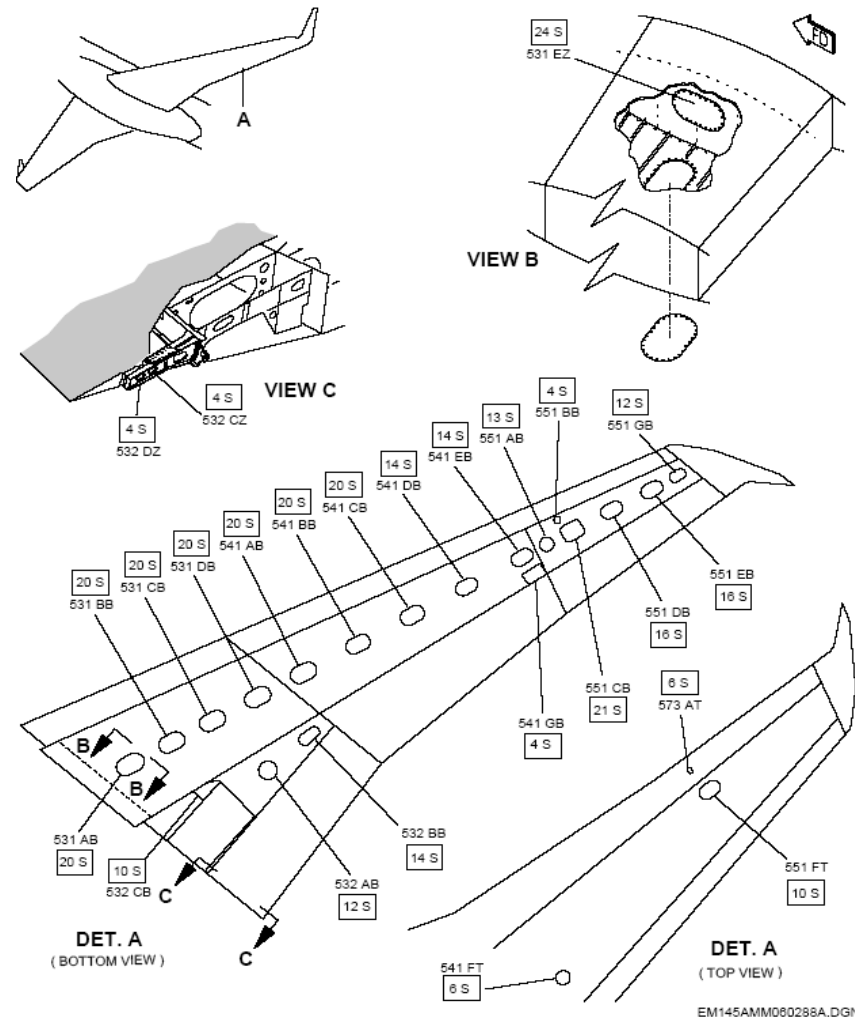
Figure 10
Sheet 11



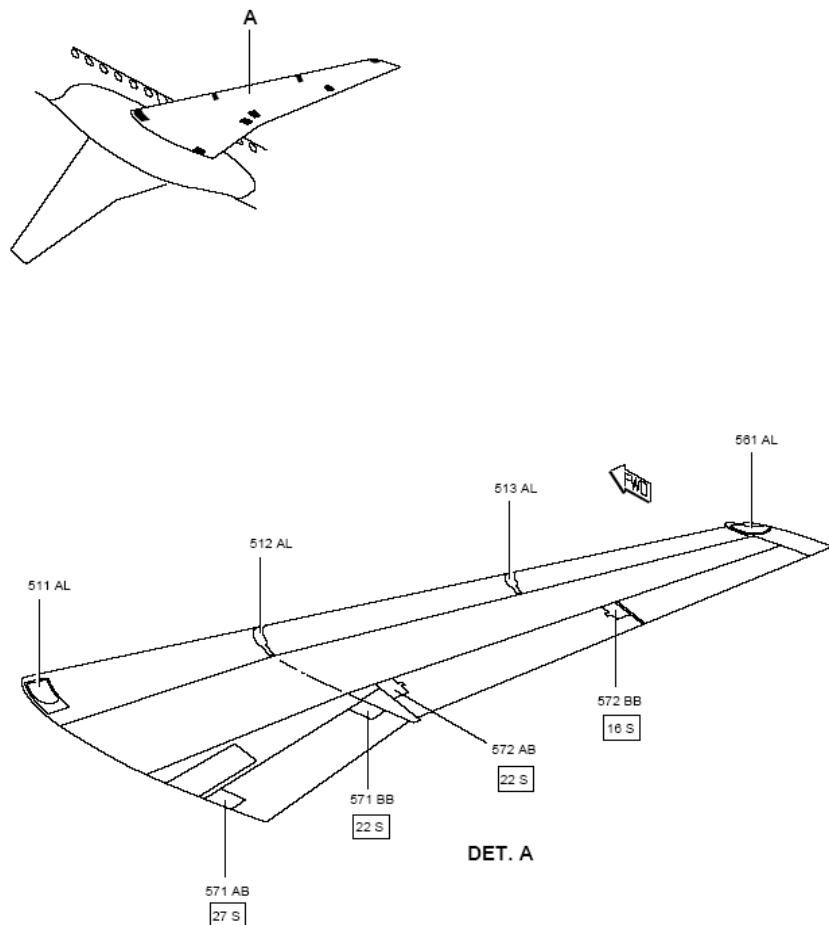
Thrust Reverser Access Doors and Panels (RH) (EMB-145XR)
Figure 10
Sheet 12



Left Wing Access Panels
Figure 11
Sheet 1

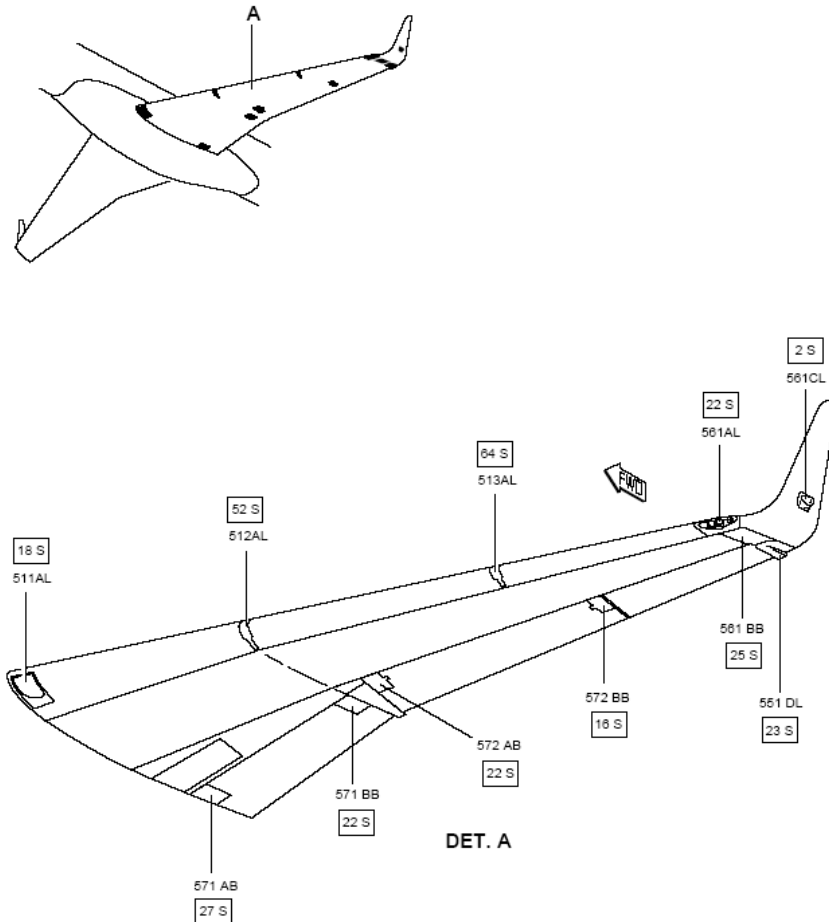


Left Wing Access Panels (EMB-145XR)
Figure 11
Sheet 2



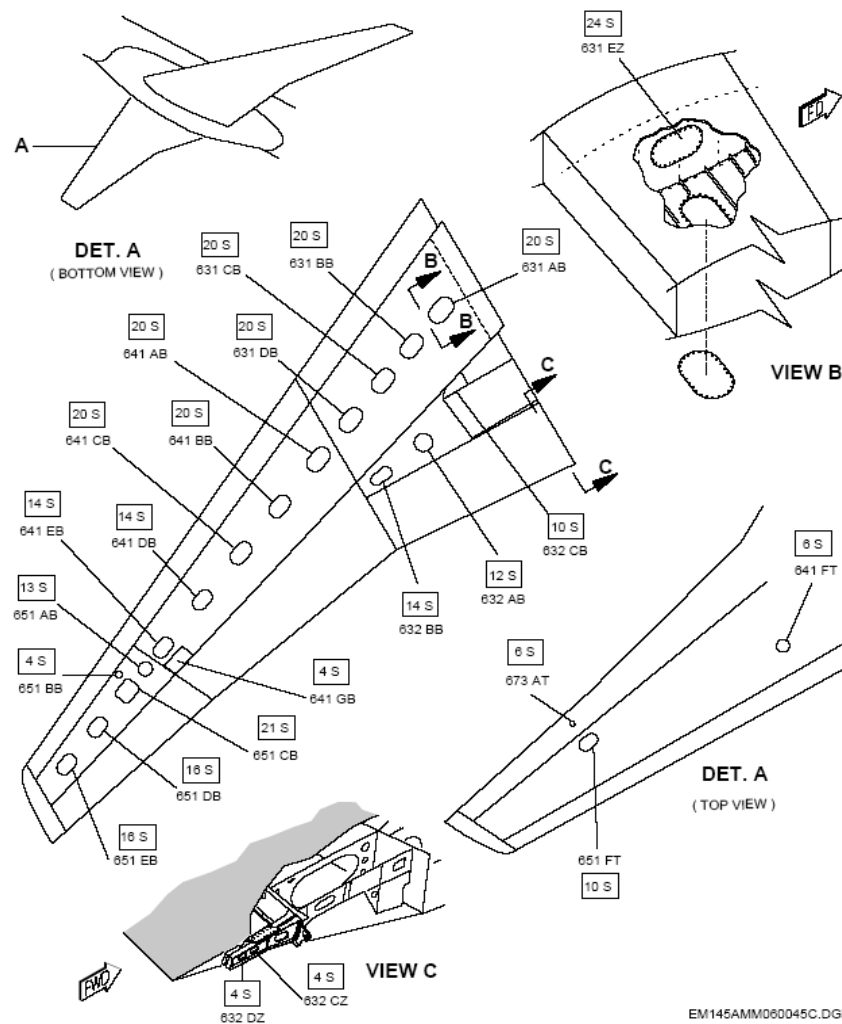
145AMM060064.MCE C

Left Wing Leading Edge Access Panels
Figure 11
Sheet 3

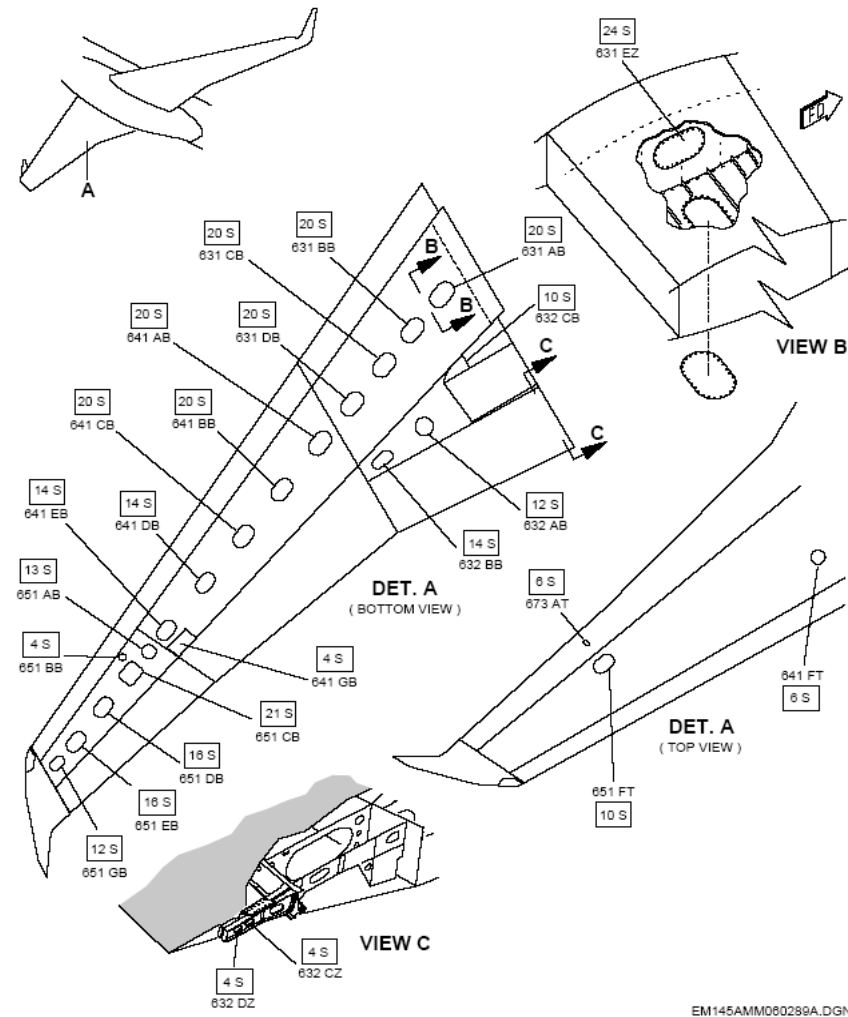


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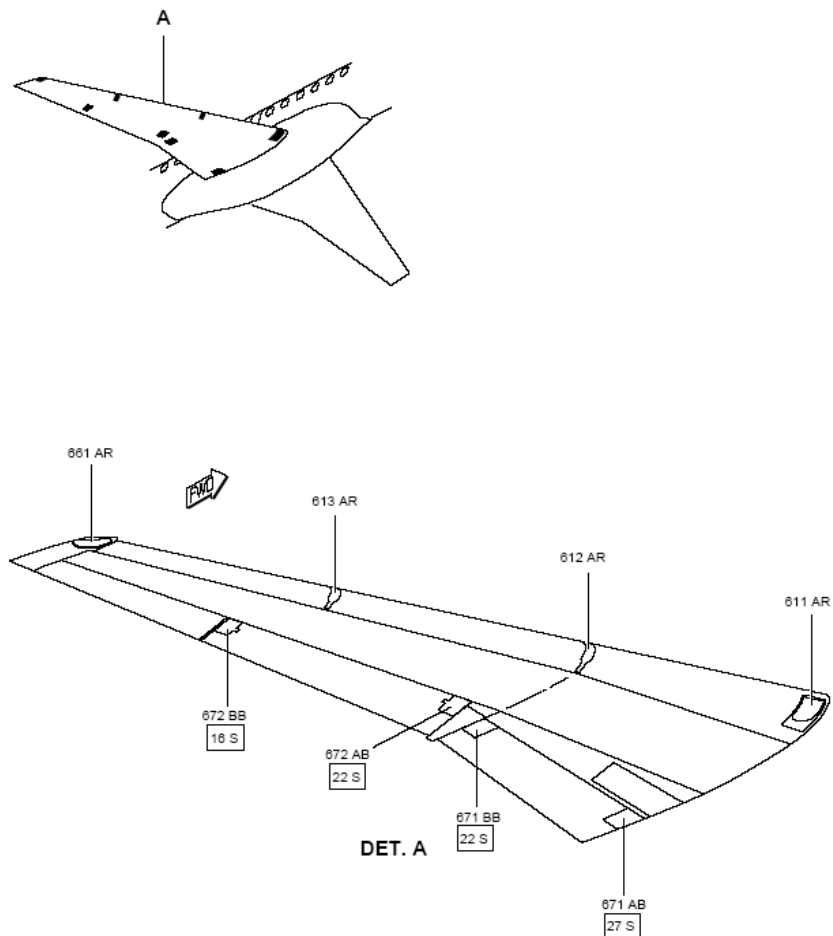
Left Wing Leading Edge, Flaps and Winglet Access Panels (EMB-145XR)
Figure 11
Sheet 4



Right Wing Access Panels
Figure 11
Sheet 5

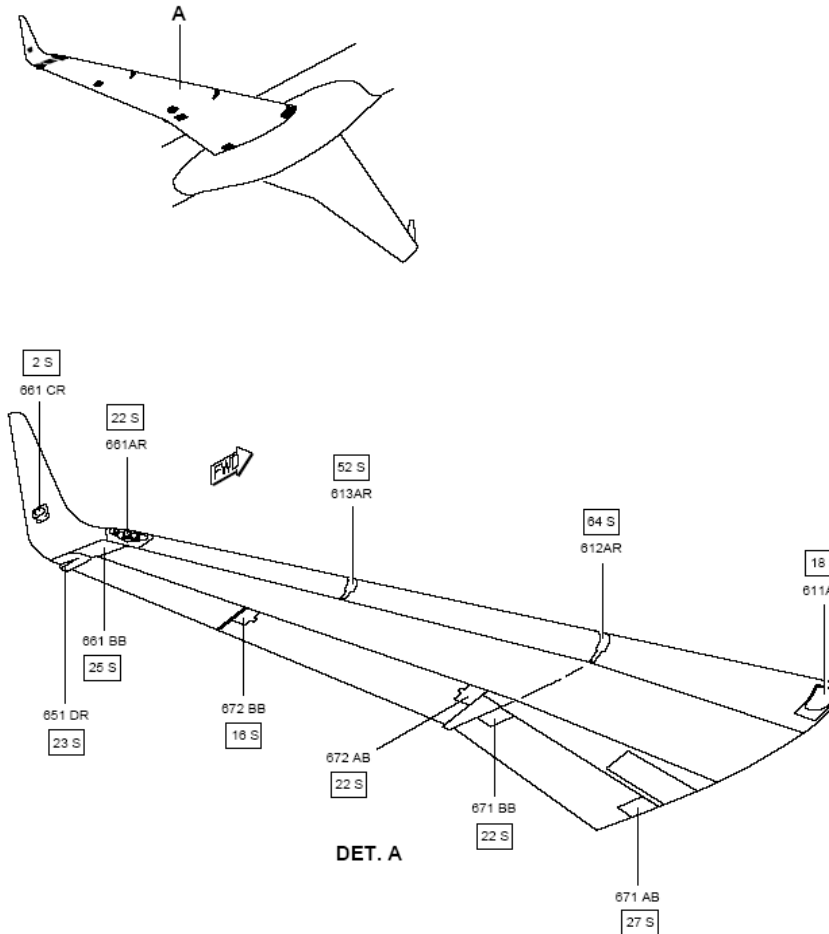


Right Wing Access Panels (EMB-145XR)
Figure 11
Sheet 6



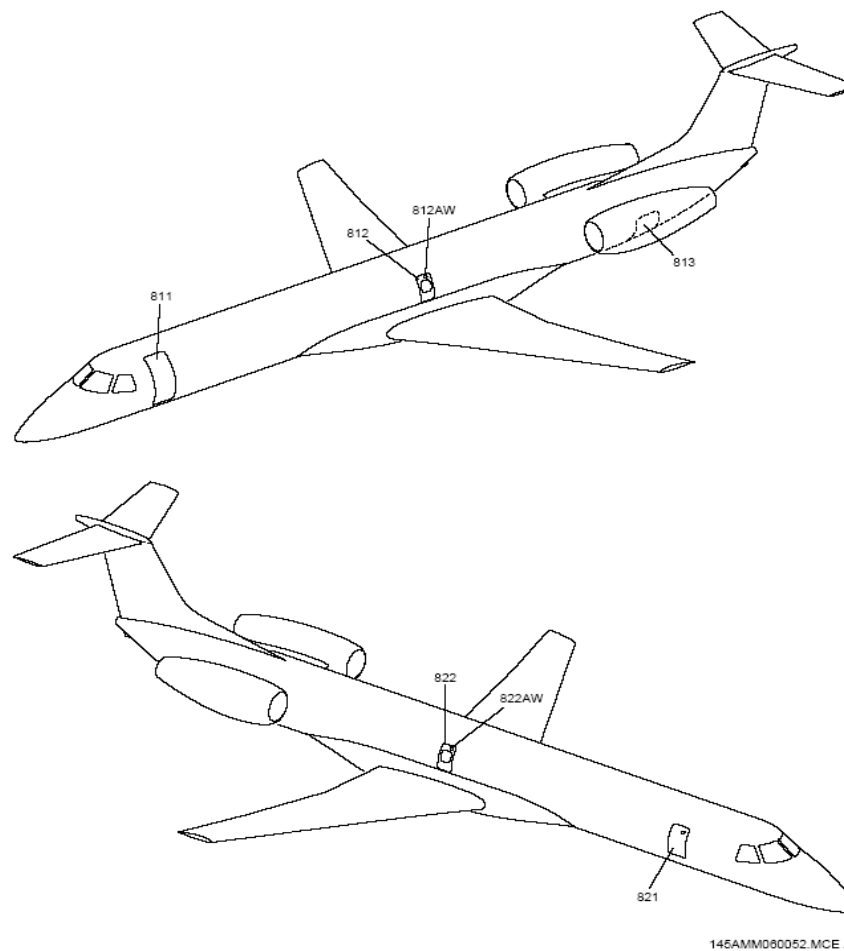
145AMM060065.MCE C

Right Wing Leading Edge Access Panels
Figure 11
Sheet 7



145AMM060311.MCE

Right Wing Leading Edge, Flaps and Winglet Access Panels (EMB-145XR)
Figure 11
Sheet 8



Major Zone 800 Access Doors and Panels
Figure 12

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APPENDIX 11

REDUCED VERTICAL SEPARATION MINIMUM (RVSM) – MAINTENANCE REQUIREMENTS

A11.1 GENERAL

This section contains the additional maintenance tasks necessary to assure the level of performance and reliability of the related systems, to comply with the performance requirements for RVSM operation prescribed in EASA Temporary Guidance Leaflet No. 6, dated July 1, 1998 and FAA Memorandum 91-RVSM – "Interim Guidance for Approval of Aircraft for Reduced Vertical Separation Minimum (RVSM) Flight", published on April 7, 1994.

RVSM requirements are also specified in JAR-OPS 1.243 and 1.872 and FAR part 91.706 and Appendix G of this part.

Operators should have their specific maintenance program for RVSM operation approved by their Regulatory Authority.

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
22-11-00-720-004-A00	FNC	6	Functionally Check AFCS Altitude Hold Mode and Altitude Pre-Select Mode.	5000 FH	ALL
34-13-04-280-001-A00	SDI	6	Inspect (Special Inspection) RVSM Critical Region (Skin) for Waviness (aircraft identified in and have not accomplished SB 145-34-0110).	24MO	ALL
34-13-04-280-001-A01	SDI	6	Inspect (Special Inspection) RVSM Critical Region (Skin) for Waviness (including aircraft identified in and are Post-Mod SB 145-34-0110).	C	ALL
34-13-04-280-002-A00	SDI	6	Inspect (Special Inspection) Static Port Surrounding Plate for Flushness and Integrity (aircraft identified in and have not accomplished SB 145-34-0110).	24MO	ALL
34-13-04-280-002-A01	SDI	6	Inspect (Special Inspection) Static Port Surrounding Plate for Flushness and Integrity (including aircraft identified in and are Post-Mod SB 145-34-0110).	C	ALL
34-13-04-280-003-A00	SDI	6	Inspect (Special Inspection) Passenger Gaseous Oxygen Service Panel (panel P/N 145-51705-001, attached by livelock stud xnut) installed in RVSM Critical Region for Flushness and Integrity (aircraft identified in and have not accomplished SB 145-34-0110).	24MO	ALL
34-13-04-280-003-A01	SDI	6	Inspect (Special Inspection) Passenger Gaseous Oxygen Service Panel (panel P/N 145-51705-001, attached by livelock stud xnut) installed in RVSM Critical Region for Flushness and Integrity (including aircraft identified in and are Post-Mod SB 145-34-0110).	C	ALL

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APPENDIX 12

CATEGORY A III MODE - MAINTENANCE REQUIREMENTS

A12.1 GENERAL

This section contains all maintenance tasks necessary to assure the level of performance and reliability of the related systems, to comply with the performance requirements for CAT III operation prescribed in AC 120-28D, JAR HUDS 901 (ISSUE 18) and JAR-AWO Subpart 4 document.

Operators should have their specific maintenance program for CAT III operation approved by their Regulatory Authority.

REFERENCE NUMBER	TYPE	CAT	DESCRIPTION	INT	EFFECTIVITY
34-23-05-710-001-A00			DELETED		
34-26-03-140-001-A00	RST	6	Clean Single IRU Mounting Tray Fan Filter (Single IRS System only)	A	ALL
34-32-03-212-001-A00			DELETED		

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