




**PROGRAMA DE MANTENIMIENTO
AVIONES EMB - 145**

05/Abril/2010

PUBLICADO POR:

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 <small>AEROLITORAL S.A. DE C.V. TALLER DGAC No. 122</small>	EMB-145 Maintenance Program Programa de Mantenimiento EMB-145	Code: M-PME-01
		Revision: 2
	CARTA DE REVISIÓN	Fecha de Efectividad: 05-Abr-10
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Carta de Revisión

A: Todos los responsables del Programa de Mantenimiento EMB-145.

Revisión 2, 05-Abr-10

Resumen

Se emite la presente modificación debido a:

- Actualización del manual MRB Revisión 14.
- Se eliminan las secciones de tareas independientes.
- Se elimina la sección de formatos internos.

Para actualizar el manual:

Sustituya el CD Manual de Programa de Mantenimiento PME-145 de fecha 20-Sep-09 con el CD de fecha 05-Abr-2010.



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TALLER DGAC No. 122

Programa de Mantenimiento EMB-145
EMB-145 Maintenance Program

Código: M-PME-01

Número de Revisión:
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REGISTRO DE REVISIONES

Mantenga este registro en el Manual.

Al recibir las revisiones, remueva e inserte las páginas revisadas del Manual y posteriormente anote la fecha de la revisión, la fecha de inserción y sus iniciales.

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Original	24/07/09	15/08/09	RMR
1	20/09/09	5/11/09	RMR
2	05/04/10		
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Atención usuarios:

Favor de conservar su registro de revisiones, esta hoja es solo de referencia.



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REGISTRO DE REVISIONES TEMPORALES

Mantenga este registro en el Manual. Al recibir las revisiones temporales, inserte las páginas revisadas en el Manual y posteriormente anote la fecha de la revisión, la fecha de inserción y sus iniciales.

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1.1 GENERAL

El Programa de Mantenimiento del Embraer EMB-145 contiene tareas de mantenimiento programado que aseguran la continuidad de la aeronavegabilidad del fuselaje del EMB-145, así como de sus motores y componentes. El Programa de Mantenimiento del Embraer EMB-145, a partir de aquí referido como el **Mantenimiento** es aplicable a la flota de EMB-145 de Aerolitoral. El Programa de Mantenimiento está basado en el Maintenance Review Board Report (MRBR) Revisión 14.

El presente programa además de contener las tareas requeridas por el fabricante, también contiene aquellas tareas generadas por la experiencia de la operación de Aerolitoral, resultado de modificaciones derivadas de la incorporación de STCs, y/o Boletines de Servicio, tareas que han sido desarrolladas por el Departamento de Ingeniería de Aerolitoral para mejorar el mantenimiento de la aeronave y la flota en su conjunto, dichas tareas se incorporan dentro de la sección 16 "Tareas Internas" del Programa de Mantenimiento. Su nomenclatura que las denomina es un número de 8 caracteres de la manera siguiente:

- Los primeros dos dígitos son del capítulo ATA.
- El tercer y cuarto dígitos indican el subcapítulo ATA.
- El quinto y sexto dígitos indican un número consecutivo
- Al final se agregan las siglas **ALE** que indican que la tarea fue desarrollada por Aerolitoral para el equipo Embraer 145.

Las tareas (TASK's) que componen el programa de mantenimiento, deben efectuarse a determinados intervalos: Horas de Vuelo (Flight Hours – FH) Aterrizajes (Flight Landings / FL), Ciclos (Flight Cycles – FC) o tiempos Calendario. Los tiempos calendario son: Días (D) Meses (Months - MOS) o Años (Years - YR).

Nota: Con el fin de tener un programa de mantenimiento flexible para la aplicación de tareas, en este programa, todas las tareas se manejarán como tareas independientes, con lo cual no se tendrá la rigidez de manejar estas dentro de formatos.

Para el caso de los APU's, se considera que un FC, es cada vez que se lleva a cabo un evento de operación del APU, (arranque, operación, corte).

Este Programa de Mantenimiento está dividido en las siguientes secciones, y están incluidas en el Programa de Mantenimiento de acuerdo con las políticas y procedimientos de Aerolitoral.

- Sección 1. Descripción del Programa
- Sección 2. Requerimientos de Inspección de Servicio Menores
- Sección 3. Requerimientos de Inspección de Sistemas y Planta Motriz
- Sección 4. Requerimientos de Inspecciones Estructurales
- Sección 5. Programa de Prevención y Control de la Corrosión (CPCP)
- Sección 6. Requerimientos de Inspección por Zonas
- Sección 7. Requerimientos de Mantenimiento por Certificación (CMRs)
- Sección 8. Componentes Limitados por Vida
- Sección 9. Requerimientos de Mantenimiento Categoría II
- Sección 10. Reducción del límite de separación vertical (RVSM)
- Sección 11. Limitaciones del Sistema de Combustible
- Sección 12. Tareas Recomendadas
- Sección 13. Tareas de Componentes Reemplazo Mantenimiento Linea.
- Sección 14. Tareas de Componentes Reemplazo Mantenimiento Mayor.
- Sección 15. Tareas No Aplicables
- Sección 16. Formatos Internos (Tareas Internas)

Este documento proporciona una lista de páginas efectivas como un medio de mantener y actualizar el Programa de Mantenimiento. Al recibir alguna revisión del documento, esta lista debe ser utilizada como una referencia cruzada para insertar los nuevos datos. Los datos obsoletos serán destruidos y el Programa de Mantenimiento se mantendrá actualizado todo el tiempo.

Cada página revisada contendrá la fecha de la revisión y la línea identificadora de la revisión, en el margen izquierdo de la página, la cual identificará adiciones, remociones o cambios a los datos.

Sin importar el tipo de medio ambiente de operación, las limitaciones que están descritas y especificadas en este Manual, serán aplicables a los aviones Embraer EMB-145.

Aerolitoral proporcionará un programa de mantenimiento comprensible, necesario para cumplir con su responsabilidad de mantener sus aviones en una condición aeronavegable, de acuerdo con la normatividad de la Dirección General de Aeronáutica Civil (DGAC). El avión, sus componentes y accesorios deben ser mantenidos en una condición aeronavegable de acuerdo con los límites máximos de tiempo como se autoriza en este documento.

APLICABILIDAD

El contenido de este documento es aplicable para las aeronaves EMBRAER:

EMB-145 LR
EMB-145 MP
EMB-145 EP

EMB-145 LU

Sin embargo, con las revisiones adecuadas, puede ser ampliado para los siguientes modelos: EMB-145 ER/EU/MR/MK/XR

Las Tareas de mantenimiento que únicamente sean aplicables a algunos modelos o a toda la flota se reflejara dentro de la columna de efectividad.

REGLAS GENERALES

1. El programa de mantenimiento debe ser efectuado de acuerdo con los Manuales Técnicos editados para las aeronaves Embraer EMB-145, tales como el Manual de Mantenimiento del avión y/o tarjetas de trabajos específicas. (Ref. Manual General de Mantenimiento y Procedimientos de Taller)
2. En cualquier lugar del avión donde se efectúe una tarea programada, la estructura, sistemas y área adyacente al área afectada tendrán que ser revisadas por condición y daños antes de dejar el área.
3. Las Tareas calificadas como Requerimientos de Mantenimiento por Certificación (CMRs) y los Componentes Limitados por tiempo se encuentran descritos en la Secciones 7 y 8 respectivamente en este Documento. Estos límites pueden ser revisados y aplicados de manera inmediata de acuerdo con las recomendaciones del fabricante, mismos que se actualizaran en la siguiente Revisión Formal del Programa de Mantenimiento Embraer EMB 145 ante la Dirección General de Aeronáutica Civil (DGAC).
4. Las frecuencias de las tareas de mantenimiento que se muestran en este documento pueden ser modificadas de acuerdo a lo establecido en el manual MRBR vigente.
5. En este documento los términos "Check" e "Inspection" no implican un grado de habilidad para realizar la tarea.

El Manual General de Mantenimiento y de Procedimientos de Taller aprobado por Aerolitoral describe los requerimientos para que el personal pueda efectuar una tarea.

6. Aerolitoral puede tomar créditos de Tareas descritas en este documento, cuando se realicen por la tripulación de vuelo. Dichas tareas pueden ser incluidas en las listas de verificación revisadas y aprobadas por la DGAC, ó en el Manual de Técnica de Vuelo aprobado del EMB-145.
7. Cuando existan cambios en el contenido del Programa de Mantenimiento por parte del fabricante, derivados de actualizaciones temporales; cambios en los



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SECCION 1. DESCRIPCION DEL PROGRAMA

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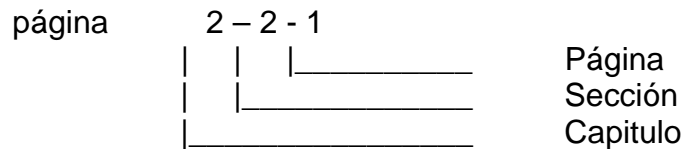
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limites de vida de los componentes y/o directivas de aeronavegabilidad por parte de las autoridades regulatorias, de características tales, que no sea práctico publicar como parte del contenido de una Revisión Formal, por el tiempo que implica tramitar la autorización oficial así como su impresión y publicación , se emitirán revisiones temporales. Dichas revisiones Temporales no requerirán autorización expresa de la Dirección General de Aeronáutica Civil (DGAC).

Toda revisión temporal deberá ser identificada con el texto “Revisión Temporal” e impresa en hojas de color amarillo. Toda información que sea considerada urgente será distribuida vía Fax o Correo electrónico interno, en tanto los poseedores de los manuales reciben la revisión temporal impresa.

Las revisiones temporales (amarillas) al PME se emitirán de forma consecutiva (Rev. Temp.1, Rev. Temp.2, Rev. Temp.3, etc.) Re-inicializando el consecutivo (Rev. Temp.1, Rev. Temp.2, Rev. Temp.3, etc.) por cada Revisión Formal (blanca) publicada.

8. Los capítulos están numerados en forma progresiva, al igual que las secciones y las páginas de cada capítulo, como se muestra a continuación.



9. Cuando sea posible de agrupar más de una tarea para efectuar en un mismo evento, que sean del mismo intervalo ó que convenga a la empresa, se podrá hacer uso de la platilla a fin de reducir el manejo de papelería.

Nota: De forma indistinta la existencia del uso de la plantilla para la agrupación de tareas por parte de Aeromexico Connect, no significa que se puedan incrementar los intervalos individuales de las tareas, por el contrario la empresa continuara respetando los limites indicados en cada una de las tareas como hasta ahora.

10. Para el caso de las tareas independientes se mandara a la realización usando la forma F-GIN-01 Orden de Trabajo (ver MGM y PT capitulo 13).



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No.	Título de casilla	Debe anotarse	Generador
1	Code	El código propuesto	Ingeniería y/o planeación
2	Revisión	La revisión de acuerdo a la revisión del M-PME-145	Ingeniería y/o planeación
3	Intervalo	El intervalo común de las tareas	Ingeniería y/o planeación
4	Fecha de efectividad	La fecha de acuerdo a la revisión del M-PME-145	Ingeniería y/o planeación
5	Página	Página "X" de "XX"	Ingeniería y/o planeación
6	A/C registro	Matricula de la aeronave	Mantenimiento
7	Fecha	La fecha de inicio de las tareas	Mantenimiento
8	Item	Número consecutivo	Ingeniería y/o planeación
9	Tarea	Código de la tarea de acuerdo al M-PME-145 y MRBR	Ingeniería y/o planeación
10	Tipo	Tipo de tarea de acuerdo al M-PME-145 (cuando aplique)	Ingeniería y/o planeación
11	Categoría	Categoría de acuerdo al M-PME-145 (cuando aplique)	Ingeniería y/o planeación
12	Descripción	La descripción de la tarea a efectuarse	Ingeniería y/o planeación
13	Técnico	Firma del técnico que efectuó el trabajo	Mantenimiento
14	Inspección	Firma del inspector que certifica el trabajo (cuando aplique)	Inspección
15	Nombre	Nombre del técnico que esta cerrando y participo en los trabajos	Mantenimiento
16	Licencia número	Número de licencia del técnico que cierra los trabajos	Mantenimiento
17	Fecha	Fecha de terminación del trabajo	Mantenimiento
18	Estación	La estación donde se efectuaron los trabajos	Mantenimiento
19	Firma	Firma del técnico que cierra los trabajos	Mantenimiento



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	EMB-145 Maintenance Program Programa de Mantenimiento EMB-145		Code:			
			Revisión:			
			Fecha de efectividad:			
			Page:			
A/C Registration : _____			Date: _____			
ITEM Item	TASK No. de Tarea	TYPE Tipo	CAT Cat.	DESCRIPTION Descripción	TECHNICIAN Técnico de Aviación	INSP Insp

- Record on Flighted Maintenance logbook all services and jobs performed.

Inspections had been performed satisfactorily by Aerolitoral Authorized Personnel, who certify that all jobs had been performed in accordance with Maintenance Program approved by National Authority (DGAC).

Name	Lic. Num.	
Date	Station	Signature

REGLA DE FDR, CVR, COMPASS SWING Y ALTIMETROS

Con el fin de realizar las tareas de calibración de Altimetros y Compas Swing, Aerolitoral en apego a las instrucciones de los fabricantes, ha establecido realizar estas tareas cada 24 meses.

Para la lectura de la Grabadora de Datos de Vuelo (FDR) se ha establecido un intervalo de 5000FH. y para la Cockpit Voice Recorder (CVR) un intervalo de 12 Meses.

INCORPORACION DE TAREAS

El Programa de Mantenimiento de EMB-145 es continuamente afectado por las Revisiones al MRBR o documentos de las Autoridades, por lo que se generan Revisiones Formales al PME y/o a las Tarjetas de Trabajo (Job Cards).



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Estas revisiones se realizan de acuerdo a un Proceso básico que comprende:

- Recepción del Documento de Revisión emitido por el fabricante o Autoridad.
- Análisis de aplicabilidad e incorporación de modificaciones al PME Aerolitoral.
- Edición del Documento PME y envío a la Autoridad para su aprobación.
- Recepción de la revisión autorizada por DGAC al PME.

Las Revisiones al MRBR emitidas por el fabricante, serán incorporadas mediante el proceso antes descrito al PME de Aerolitoral, dicha actualización se realizara una vez al año.

Las Revisiones Temporales al MRBR (Amarillas) emitidas por el fabricante, serán incorporadas conforme a las "Reglas Generales" antes descritas y a consideración de Aerolitoral para su incorporación en el PME.

VIGENCIA

Las revisiones al Programa de Mantenimiento del EMB-145 entrarán en vigor a los 90 días posteriores a su autorización por DGAC. Durante este periodo se procederá a la edición de los formatos a utilizar, su difusión y distribución, así como la incorporación de las tareas y servicios en el Sistema de Planeación y Control. Cumplido lo anterior se iniciará la aplicación de las tareas revisadas conforme a la revisión aprobada.

FECHA EFECTIVA DE INCORPORACION DE TAREAS Y SERVICIOS REVISADOS EN SU UMBRAL DE INCORPORACION O INTERVALO REPETITIVO.

A la fecha de entrada en vigor de la nueva revisión, las Tarea(s) Repetitiva(s) que hayan sido afectada(s) en el valor de su Intervalo Repetitivo o Umbral de Incorporación por una nueva revisión al PME y cuyo ajuste provoque una afectación en la Programación y Planeación del Mantenimiento, se mantendrá por única y última ocasión su intervalo y/o umbral de incorporación anterior.

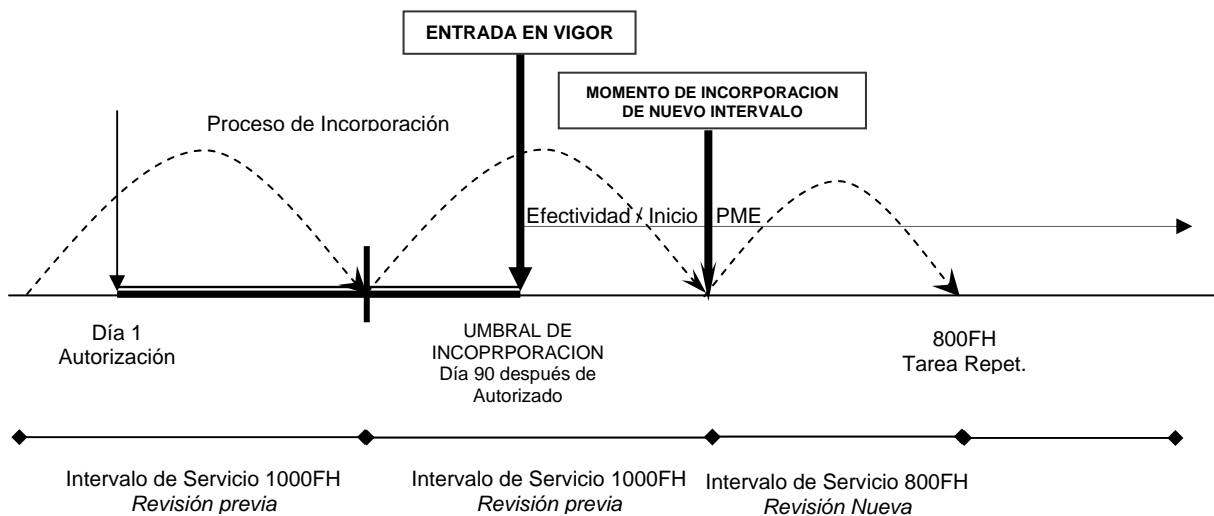
FECHA EFECTIVA DE INCORPORACION DE TAREAS Y SERVICIOS NUEVOS.

Las Tareas o Servicios Nuevos de la revisión deberán cumplirse posterior a la fecha de entrada en vigor dentro del próximo servicio de 5000FH ó 5000 FC ó 30 meses, según el tipo de intervalo que aplique, o el tamaño del intervalo de la tarea a partir de la entrada en vigor, lo que ocurra después.

EJEMPLO:

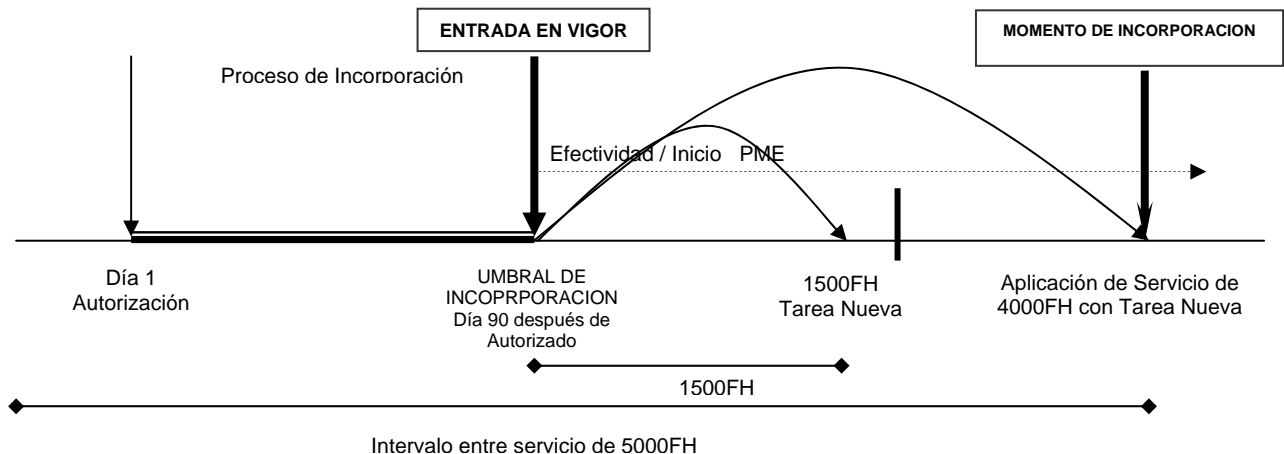
a) Si una **Tarea Incluida en un Formato de Servicio Disminuye o Aumenta su Intervalo**, se mantendrá por única y última ocasión su umbral y/o intervalo, para posteriormente dar cumplimiento con el nuevo intervalo.

➤ *Tarea Revisada que modificó su intervalo de 1000FH a 800FH (-----)*



b) Si una **Tarea o Servicio es Nuevo**, iniciará su aplicación a partir de alcanzar su primer intervalo de tiempo ó próximo servicio de 5000FH, posterior a la entrada en vigor de la revisión al PMS (lo que ocurra después).

➤ *Tarea Nueva con intervalo de 1500 FH (———)*





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DIRECTIVAS DE AERONAVEGABILIDAD Y/O BOLETINES DE SERVICIO.

Directivas de Aeronavegabilidad y/o Boletines de Servicio Mandatorios que requieran aplicación periódica o alguna acción terminal, y que estén relacionadas con alguna Tarea del Programa de Mantenimiento, serán incorporadas como notas en "letras negritas" en la descripción de la tarea para indicar que el cumplimiento de la Directiva de Aeronavegabilidad o Boletín de Servicio se efectúa con la tarea especificada.

Lista de Directivas de Aeronavegabilidad que se cumplen periódicamente con tareas programadas de Programa de Mantenimiento PME de Aerolitoral.

TAREA DE MRB en PME Aerolitoral	DESCRIPCION	FAA AD	ANAC AD
25-40-01-220-001-A00	Waste Receptacles	74-08-09 R2 párrafo e)1 y e)2.	-
28-21-01-220-001-A00	Inspect Electric Fuel Pump Connector	2005-13-22	2000-08-01 R2
72-63-01-710-001-A00	Operationally Check Starter Drain Adapter	99-02-51	-
72-63-10-700-801	Engine Oil from the Starter shaft seal	99-02-51	-
27-12-01-212-002-A05 27-12-01-212-002-A06	Ailerons PCA and Damper	99-05-04	99-02-01 R6
72-21-01-200-801	Fan Wheel inspection	2000-11-22	-
79-34-00-212-001-A00	Inspect for bearing contamination of the Oil System	2004-04-05	-
78-34-01-720-001-A00	Functionally Check Stow/Transit Thrust Reverser Microswitches for insulation	2001-17-03 párrafo b) 2004-13-16	2001-05-03R3
79-34-00-212-001-A00	Inspect Multi-Function Display for ENG 1(2) OIL DEBRIS Maintenance Message	2004-04-05 párrafo f)	-
JC272000ALE N/A toda la flota esta modificada.	Verify reports of vibration from the tail section or rudder pedals over the last two days	-	BAD 2005-09-02R1
53-12-00-250-801-A00	New MRB task covering SSI 53-10-19 Pre-Mod SB145-53-0058 special detailed inspection, internal side, zone 223/224		2007-07-02



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53-12-00-250-801-A01	New MRB task covering SSI 53-10-19, post-mod SB145-53-0058, special detailed inspection, internal side zone 223/224		2007-07-02
28-11-00-720-001-A00	Functionally Check critical bonding integrity of selected conduits inside the wing tank, Fuel pump and FQIS connectors at tank wall by conductivity measurements.	2008-13-14	2007-08-02
28-17-01-720-001-A00	Functionally Check critical bonding integrity of Fuel pump, VFQIS and Low Level SW connectors at tank wall by conductivity measurements.	2008-13-14	2007-08-02
28-21-01-220-001-A00	Inspect Electric Fuel Pump Connector	2008-13-14	2007-08-02
28-23-03-220-001-A00	Inspect Pilot Valve Harness inside the conduit	2008-13-14	2007-08-02
28-23-04-220-001-A00	Inspect Vent Valve Harness inside the conduit	2008-13-14	2007-08-02
28-27-01-220-001-A00	Inspect Electric Fuel Transfer Pump Connector	2008-13-14	2007-08-02
28-41-01-720-001-A00	Functionally Check Fuel Conditioning (FCU)	2008-13-14	2007-08-02
28-41-03-220-001-A00	Inspect FQIS harness for clamp and wire jacket integrity	2008-13-14	2007-08-02
28-41-04-720-001-A00	Functionally Check Ventral Fuel conditioning Unit (FCU)	2008-13-14	2007-08-02
28-41-07-220-001-A00	Inspect VFQIS and Low Level SW Harness for clamp and wire jacket integrity	2008-13-14	2007-08-02
Tasks into sections 4, 5,		2009-01-05	
57-26-00-250-813-A00	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)		2009-05-02



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57-26-00-250-813-A01	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)		2009-05-02
57-26-00-250-813-A02	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)		2009-05-02
57-26-00-250-813-A03	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)		2009-05-02
57-26-00-250-813-A04	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)		2009-05-02
57-26-00-250-813-A05	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)		2009-05-02
57-26-00-250-815-A00	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) NOTE: Applicable only to trunnion P/N 145-67014-001/002/003/004/005/006/007/008.		2009-05-02
57-26-00-250-815-A01	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper Trunnion (SSI 57-26-95) NOTE: Applicable only to trunnion P/N 145-67014-011/012.		2009-05-02
57-26-00-250-815-A02	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper Trunnion (SSI 57-26-95) NOTE: Applicable only to trunnion P/N 145-67014-009/010/013/014.		2009-05-02



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57-10-00-250-801-A00	Externally inspect the WING STUB components using Eddy Current inspection method: • Rib 4 – lower flange and web (SSI 57-10-11) NOTE: Applicable to aircraft Pre-Mod. SB 145-57-0047.		2009-05-02
28-41-01-720-001-A01	Functionally Check Fuel Conditioning (FCU)		2009-08-03

1.2 LIMITES DE TIEMPO

INTERVALOS DEL PROGRAMA DE MANTENIMIENTO

Los intervalos para la aplicación de las tareas de mantenimiento programados se efectúan en base a codificaciones de letras y/o números que determinan el tiempo e intervalos para aplicar las tareas de mantenimiento requeridas en las aeronaves.

Las siguientes letras están designadas por el fabricante (código de intervalo) Embraer y que indican los siguientes intervalos a las tareas del programa de mantenimiento de las aeronaves Embraer EMB-145:

Servicio "A" = 500 FH

Servicio "C" = 5000 FH, 5000 FC ó 2.5 años

Para los múltiplos de "A", los intervalos básicos son multiplicados por el número próximo a la letra y serán utilizados hasta 5A (P.E. 2A=1,000 FH, 5A=2500 FH, etc.).

Para los múltiplos de "C", los intervalos básicos son multiplicados por el número próximo a la letra y serán utilizados hasta 2C (P.E. C1=5000 FH, 5000 FC ó 30 Meses (lo que ocurra primero); 2C=10,000 FH, 10,000 FC ó 60 Meses (lo que ocurra primero) y 4C=20,000 FH, 20,000 FC ó 120 Meses (lo que ocurra primero).

Así mismo, considerando que todas las tareas dentro de este programa se realizaran de forma independiente como se ha mencionado en la pagina 1-1-1, y que al igual podrán ser agrupadas dentro de una plantilla como se menciona en la pagina 1-1-4, con el fin de buscar una rápida alineación de las tareas que pueden ser agrupadas Aeromexico Connect, basados en su experiencia, determino las identificaciones listadas en la tabla 1.

Lo anterior no significa que la empresa no pueda alinear mas tareas, con alguna otra designación de código

Para las tareas denominadas "Prior to Winter" (PW) el intervalo anual se aplicará en los meses de Octubre, Noviembre, Diciembre ó Enero dependiendo de la planeación de las aeronaves para su mantenimiento y será a criterio del departamento de Planeación y Control.

TABLA 1

LISTA DE CÓDIGOS PARA AGRUPACIÓN DE TAREAS

A continuación se presenta un listado de los códigos a usarse de forma común, para la agrupación de las tareas del Mantenimiento de las aeronaves EMBRAER ERJ-145.

CÓDIGO	DESCRIPCIÓN	FECHA DE REVISIÓN
F-PME-01	Servicio de 48 HOURS	05-Abr-10
F-PME-03	LC1 (10 DAYS)	05-Abr-10
F-PME-04	LC2 (40 DAYS)	05-Abr-10
F-PME-06	4000 FH	05-Abr-10
F-PME-07	8000 FH	05-Abr-10
F-PME-11	A (500 FH)	05-Abr-10
F-PME-12	2A (1000 FH)	05-Abr-10
F-PME-15	5A (2500 FH)	05-Abr-10
F-PME-17	E (2500 FC)	05-Abr-10
F-PME-18	E (2500 FC) EMPENAJE	05-Abr-10
F-PME-21	C1 (SYSTEMS) 1 DE 4	05-Abr-10
F-PME-21	C1 (ZONAL) 2 DE 4	05-Abr-10
F-PME-21	C1 (ESTRUCTURAL) 3 DE 4	05-Abr-10
F-PME-21	C1 (CORROSION PROGRAM) 3 DE 4	05-Abr-10
F-PME-30	E (48 MOS + C1)	05-Abr-10
F-PME-31	E (72 MOS + C1)	05-Abr-10
F-PME-41	C2 (SYSTEMS)	05-Abr-10
F-PME-46	E (20000 FC + C2)	05-Abr-10
F-PME-47	E (96 MONTHS + C2)	05-Abr-10
F-PME-51	C4 (SYSTEMS) 1 DE 3	05-Abr-10
F-PME-51	C4 (ZONAL) 2 DE 3	05-Abr-10
F-PME-51	C4 (STRUCTURAL) 3 DE 3	05-Abr-10
F-PME-61	E (30000 FC)	05-Abr-10
F-PME-64	PRIOR TO WINTER	05-Abr-10

1.3 DESCRIPCIÓN GENERAL DEL PROGRAMA

REQUERIMIENTOS DE INSPECCION DE SERVICIOS MENORES (Sección 2)

Esta sección contiene todos los requerimientos de Inspección de servicios menores de los sistemas y de la planta motriz resultantes del análisis MSG-3. Las inspecciones aquí establecidas son un conjunto de tareas rutinarias que cubren servicios y revisiones visuales de todo el avión por condición general.

El método para determinar el programa de mantenimiento para los sistemas y la planta motriz es usando el protocolo MSG-3, el cual usa diagramas lógicos progresivos que son aplicados a los Componentes de Mantenimiento Significante (Maintenance Significant Items - MSI's) del avión.

Las tareas denominadas con las letra REC son tareas recomendadas, sin embargo Aerolitoral ha decidido incorporarlas en este programa para reducir posibles riesgos económicos derivados de fallas, por lo tanto pueden ser escaladas ó eliminadas bajo un fundamento estadístico y análisis pertinente en común acuerdo con la DGAC.

Los MSI's son aquellos componentes identificados por Embraer cuya falla:

- I. Podría afectar la seguridad (en tierra o en vuelo), y/o
- II. Podría ser indetectable o no fácilmente detectable durante la operación, y/o
- III. Podría tener un significativo impacto operacional, y/o
- IV. Podría tener un significativo impacto económico.

Cada tarea tiene una categoría de clasificación que sigue la lógica MSG-3 para el efecto de la falla del componente significativo de mantenimiento (MSI).

CATEGORIA	CLASIFICACION DE TAREA
5	Falla evidente – Impacto en la seguridad
6	Falla evidente – Impacto en la operación
7	Falla evidente– Impacto económico
8	Falla oculta – Impacto en la seguridad
9	Falla oculta – No impacto en la seguridad
REC	Tareas recomendadas - No impacto en la seguridad



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REQUERIMIENTOS DE INSPECCION DE SISTEMAS Y PLANTA MOTRIZ
(Sección 3)

Los objetivos del programa de mantenimiento de los sistemas y planta motriz son:

- I. Asegurar el nivel de seguridad y confiabilidad inherentes del equipo.
- II. Restaurar la seguridad y confiabilidad a su nivel inherente cuando ha ocurrido un deterioro.
- III. Obtener la información necesaria para mejorar el diseño de aquellos componentes cuya confiabilidad inherente se prueba inadecuada.
- IV. Realizar estos objetivos a un costo total mínimo, incluyendo costos de mantenimiento y el costo de falla residual.

Esta sección define las tareas de mantenimiento para los sistemas y la planta motriz, así mismo la sección, esta organizada de acuerdo al código ATA y la cual cubre los siguientes sistemas del avión:

- 20 Standard practices - airframe
- 21 Aire Acondicionado y Presurización
- 22 Vuelo Automático
- 23 Comunicación
- 24 Eléctrico
- 25 Equipo Interior
- 26 Protección contra Fuego
- 27 Controles de Vuelo
- 28 Combustible
- 29 Hidráulico
- 30 Protección contra Hielo y Lluvia
- 31 Sistemas Indicadores / Grabadores de Datos
- 32 Tren de Aterrizaje y Frenos
- 33 Luces
- 34 Navegación
- 35 Oxígeno
- 36 Neumático
- 38 Agua Potable y Aguas Negras
- 45 Sistema Central de Mantenimiento
- 49 Potencia Auxiliar
- 52 Puertas
- 53 Fuselaje
- 71 Planta Motriz
- 72 Motor



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- 73 Combustible del Motor
- 74 Ignición del Motor
- 76 Control del Motor
- 78 Escape del Motor
- 79 Aceite del Motor
- 80 Arranque del Motor

Las tareas identificadas con categoría 5 y 8 no pueden ser omitidas, excepto con la aprobación conjunta de Embraer y la DGAC.

REQUERIMIENTOS DE INSPECCIONES ESTRUCTURALES (Sección 4)

Esta sección contiene todos los requerimientos de inspección estructural resultantes del análisis MSG-3. Estos requerimientos consisten de tareas de mantenimiento e intervalos asociados desarrollados de acuerdo a la capacidad de operación certificada del avión, y tienen la intención de detectar y prevenir cualquier degradación estructural causada por fatiga, deterioro por medio ambiente o daños accidentales durante la vida operacional del avión.

La detección de daños accidentales mayores tales como los causados por impactos de aves y equipo de tierra se considera obvia.

El Ingeniero a cargo dará un "Reporte de Daños Estructurales" por el medio que crea conveniente (fax, telefono, correos electronicos, etc.) de acuerdo a lo marcado en la SNL 145-00-0065

Esta sección cubre los siguientes sistemas del avión:

- 32 Tren de Aterrizaje
- 52 Puertas
- 53 Fuselaje
- 54 Pilonos
- 55 Estabilizador
- 57 Ala

PROGRAMA DE PREVENCIÓN Y CONTROL DE LA CORROSION "CPCP"
(Sección 5)

Esta sección contiene los requerimientos de inspección para la prevención de la corrosión resultantes del análisis MSG-3. Estos requerimientos consisten de tareas de mantenimiento e intervalos asociados desarrollados para prevenir cualquier degradación estructural causada por deterioro del medio ambiente



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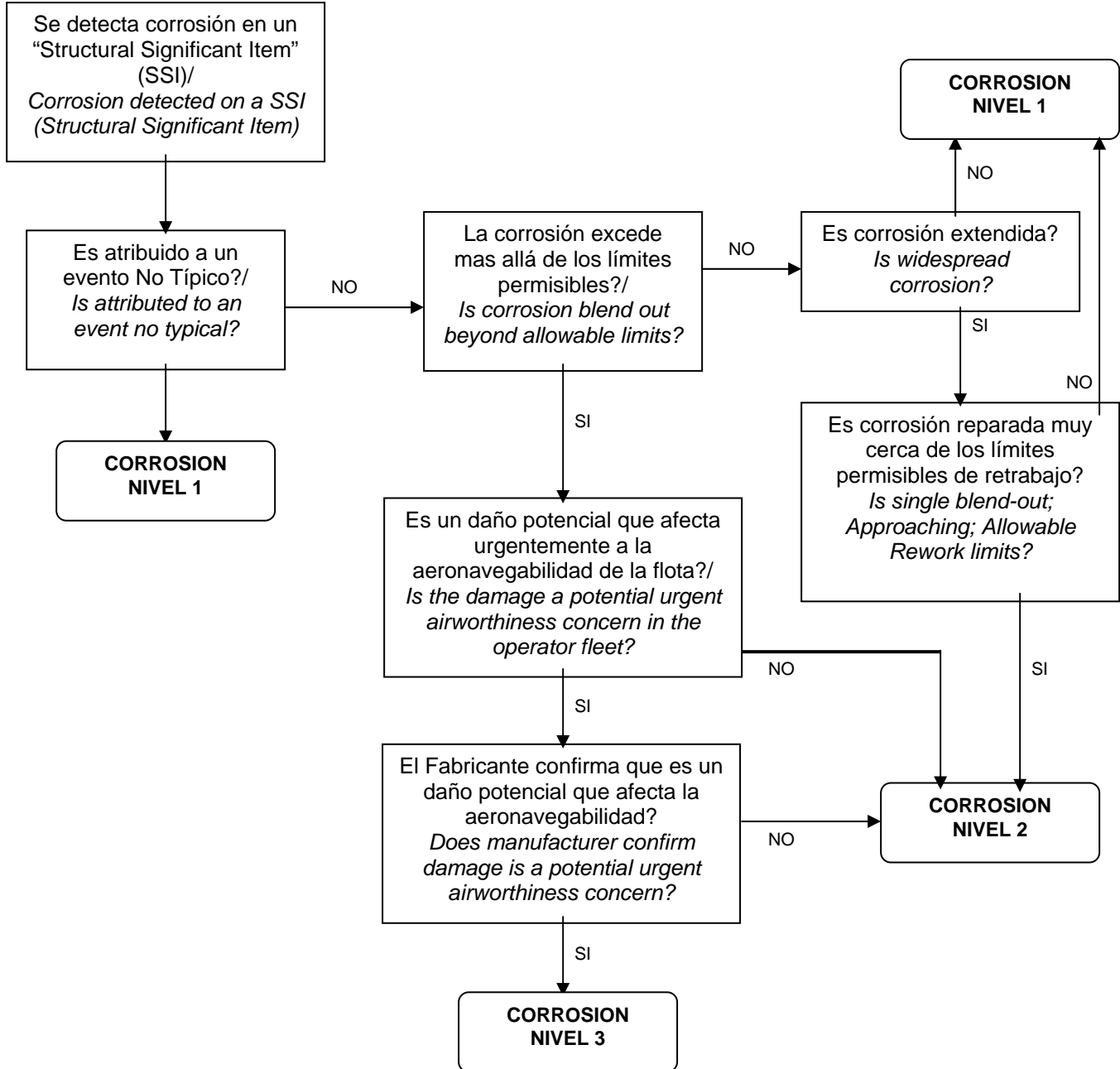
durante la vida operacional del avión. Aerolitoral mantendrá en el Departamento de Inspección de Control de Calidad un registro de toda la detección y tratamiento de la corrosión en la flota de EMB-145.

Toda la corrosión Nivel 2 y Nivel 3 que sea detectada será reportada a Embraer por el Ingeniero a cargo " por el medio que crea conveniente (fax, teléfono, correos electrónicos, etc.), siempre y cuando existan daños detectados y reportados por los Inspectores de Control de Calidad a través del formato de "Registro de Daños y Reparación Estructural en Aeroplano" (F-GAC-42).

El Programa de Prevención y Control de la Corrosión (CPCP) especificado en este programa es el punto de arranque del control de la corrosión, e implica que el Compuesto Inhibidor de la Corrosión (CIC) esté todavía aplicado, y que el control de aplicaciones subsecuentes de CIC debe ser iniciado a partir de la fecha de manufactura del avión. Los requerimientos básicos de la implementación de las Tareas de CPCP se encuentran descritas en el MRBR Sección 5, y deben ser seguidas para realizar los ajustes necesarios al programa, junto con lo especificado en el Manual de Prevención de la Corrosión de la aeronave EMB-145.

Una forma práctica para definir los niveles de corrosión detectados puede ser considerando el siguiente proceso:

Diagrama de Niveles de Corrosión



REQUERIMIENTOS DE INSPECCION POR ZONAS (Sección 6)

Esta sección contiene los requerimientos de inspección por zonas resultantes del análisis MSG-3. Estos requerimientos consisten en series de Inspecciones Visuales Generales (GVI) desarrollados para cada zona del avión. Estas Inspecciones tienen la intención de revisar la instalación de sistemas del avión y los motores, así como la estructura del avión por seguridad y condición general.

Criterios de la Inspección por Zonas

Las Inspecciones Visuales Generales (GVI) deben ser efectuadas a la distancia del alcance de las manos, y puede ser utilizado un espejo para un mejor acceso visual a las superficies de las áreas inspeccionadas, a menos que se establezca otra cosa.

Las GVI abarcan lo siguiente:

- Examen de componentes por montaje correcto o sujeción a su soporte relacionado o equipo adyacente, por seguridad, abrazaderas flojas, juego excesivo, desalineamiento, tubería, mangueras o conexiones eléctricas flojas y remaches, pernos o tornillos perdidos.
- Inspección de partes estructurales, tales como estructuras, mamparos, herrajes, largueros, refuerzos y soportes por remaches flojos, melladuras, abolladuras, roturas, separación de adhesivo, corrosión, limpieza erosión, deformación, combadura, tratamiento protector deteriorado y sobrecalentamiento.
- Inspección de ductos, mangueras y componentes de sistemas de tuberías (tales como hidráulicas, combustible, aire acondicionado, pitot-estático, oxígeno, etc.) por melladuras, abolladuras, limpieza, roturas, rozamiento, fuga, distorsión, desgaste, corrosión, obstrucción, cortadas o sobrecalentamiento.
- Inspección de cableado de sistemas eléctricos y electrónicos por erosión, pobre aislamiento, cortadas, deformación, pobre limpieza, rozamiento, sobrecalentamiento, soldadura defectuosa, incluyendo aquellos componentes como cables y conectores flojos.
- Inspección de partes o áreas hechas de materiales compuestos, plástico, tela, etc. por delaminación, rayones, limpieza, roturas, rozamiento, grietas, deterioro, erosión, desgaste, distorsión, protección defectuosa, descascaramiento, pérdida de flexibilidad, sobrecalentamiento y contaminación.



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- Inspección de partes de mecanismos de control de vuelo por alineación, distorsión, pandeo, limpieza, cortaduras, goteras, rozamiento, deshilachamiento o desgaste de cables de control, roturas, separación de adhesivo, y corrosión.

REQUERIMIENTOS DE MANTENIMIENTO POR CERTIFICACION "CMR'S"
(Sección 7)

Esta sección contiene los requerimientos de mantenimiento por certificación que resultaron de los procedimientos de la AC 25-19 y establecidos por el Comité de Coordinación de Certificación de Mantenimiento (CMCC).

Estas CMR's son inspecciones establecidas a través del proceso de análisis de la seguridad desarrollado de acuerdo con las normas RBHA/FAR/JAR 25.1309, enfocándose en detectar fallas latentes que afecten significativamente la seguridad, y las que podrían en combinación con otra falla o evento mas específico, resultar en una condición peligrosa de falla.

Los CMR's están referenciados en el Certificado Tipo del avión, son mandatorios y no pueden ser cambiados, ampliado su intervalo de inspección, o borrados sin la aprobación de Embraer..

Las Tareas calificadas como Requerimientos de Mantenimiento por Certificación (CMRs) cuyos límites sean revisados de acuerdo con las recomendaciones del fabricante pueden ser aplicados de manera inmediata por Aerolitoral, mismos que se actualizaran en la siguiente Revisión Formal del Programa de Mantenimiento Embraer EMB 145 ante la Dirección General de Aeronáutica Civil (DGAC).

COMPONENTES LIMITADOS POR VIDA (Sección 8)

Esta sección contiene las tareas de Componentes Limitados por Vida en el MRBR sus limites o intervalos no pueden ser cambiados o borrados sin la aprobación de Embraer.

Las Tareas calificadas como Componentes Limitados por tiempo cuyos límites sean revisados de acuerdo con las recomendaciones del fabricante pueden ser aplicados de manera inmediata por Aerolitoral de acuerdo con las recomendaciones del fabricante, mismos que se actualizaran en la siguiente Revisión Formal del Programa de Mantenimiento Embraer EMB 145 ante la Dirección General de Aeronáutica Civil (DGAC).



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REQUERIMIENTOS DE MANTENIMIENTO CATEGORIA II (Sección 9)

Esta sección contiene las tareas de mantenimiento necesarias para cumplir con los requerimientos de rendimiento para la operación CAT II descrita en la AC-120-29.

El cumplimiento de estas tareas iniciará una vez autorizada y certificada la operación CAT II.

REDUCCION DEL LIMITE DE SEPARACIÓN VERTICAL "RVSM" (Sección 10)

Esta sección contiene las tareas de mantenimiento adicionales y necesarias para asegurar el nivel de rendimiento y confiabilidad de los sistemas relacionados, para cumplir con los requerimientos para la operación en la reducción del límite de separación mínima vertical.

El cumplimiento de estas tareas iniciará una vez autorizada y certificada la operación RVSM.

LIMITACIONES DEL SISTEMA DE COMBUSTIBLE (Sección 11)

Estas limitaciones son mandatorias derivadas del tanque de combustible de una fuente de valoración de seguridad y el cumplimiento de los requerimientos de RBHAE

88, SFAR 88 y el memorando ANM112-05-011 de la FAA, política de declaración en proceso para el desarrollado SFAR No. 88 instrucciones relativas para el mantenimiento e inspección del tanque de combustible y la política de declaración EASA en los procesos por instrucciones reveladas por mantenimiento e inspección

de la fuente preventiva del sistema del tanque de combustible

Estas limitaciones son para mantener los requerimientos de la seguridad de fallas futuras y excluir la existencia o desarrollo de fuentes de ignición en el sistema del tanque de combustible durante toda la vida operacional de la aeronave.

Aerolitoral aplicara la implementación de las limitaciones de combustible de acuerdo

con la revisión 10 del MRB sección A2-66. La primer inspección mandatoria será cumplida en el próximo servicio C o en cada intervalo de inspección, contenida en cada punto de la sección 11, lo que ocurra ultimatras tarde.

CONTROL DE LIMITACIONES EN LA CONFIGURACION CRÍTICA DEL DISEÑO
Critical Design Configuration Control Limitation (CDCCL)

CDCCL son las características en el diseño, de aeronaves, las cuales se utilizan para prevenir y prever fuentes de ignición en el sistema de combustible.



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Siendo la razón para remarcar estas características de diseño, como CDCCL´s es alertar que las acciones de mantenimiento o cambios de configuración no deben mostrar ninguna afectación en las características de diseño originales
Basados en los requerimientos de SFAR88 las siguientes características son consideradas como CDCCL´s:

1. Arnese de los tanques de combustible en las alas FQIS/HLEIS con arneses

FCU/LCU con conectores de pared del mismo tanque de combustible.

Estos arneses corren desde los tanques del ala FCU y LCU, por debajo del piso, de la cabina de pilotos, pasando a través de un conector de interfase del STUB SPAR

#1 (pressurized cabin to the fairing), divididos en 2, encontrándose el conector en la

pared de un tanque hermético en cada ala

Este arnés esta identificado y remarcado como CDCCL en los procedimientos de AMM para mantener la correcta instalación, sin permitir alteraciones que puedan violar la configuración del diseño del fuel Quantity Indicating System y del Higt Level

Exceeding Indication System (si este es aplicable) del arnés exterior del tanque de combustible. Esta comprobación debe cumplirse cada vez que se realiza una tarea

de mantenimiento, o en cualquier área cercana que pueda afectar la instalación de arnés.

2. VFQIS/VHLEIS/VLLS arneses entre VFCU/VLCU y los conectores de pared en los tanques de combustible.

Estos arneses están identificados y remarcados como CDCCL en los procedimientos

AMM correspondientes, para comprobar la correcta instalación, sin permitir alteraciones que puedan volar las limitaciones de la configuración critica de diseño

del sistema ventral del indicador de cantidad de Combustible (VENTRAL FUEL QUANTITY INDICATING SYSTEM) al igual que el Ventral del Sistema de Indicación

de Exedencia de Alto Nivel (Ventral Low Level Switch) del arnés externo del tanque

de combustible, debiendo cumplirse, cada vez que se realice cualquier tarea de mantenimiento, en cualquier área cercana a esta zona que pueda afectarse la instalación del arnés

3. Conector de bomba de combustible en pared de tanques de combustible

Las bombas de combustible en los tanques principales y en los tanques auxiliares tienen conectores herméticos, los cuales están instalados y eléctricamente integrados a las paredes de los tanques: Este conector esta identificado y



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remarcado como CDCCL en los procedimientos del AMM, deberán verificarse las superficies integradas en cualquiera de las bombas cuando estas sean cambiadas, asegurando la forma de cómo se encuentran integrados en cualquiera de los tanques de la aeronave.

Esta lista, contiene las siguientes limitaciones:

- A. Las características de los componentes identificados en esta lista deberán mantenerse en su configuración original, idéntica al tipo de diseño aprobado para la aeronave.
- B. Cualquier reparación o reparación mayor, a los componentes críticos de fuentes de ignición de cualquiera de los componentes identificados para el tipo de diseño aprobado de la aeronave, deberán mantenerse en esa condición, como lo muestra el manual de mantenimiento que es proporcionado por el titular del diseño aprobado o con las instrucciones específicas aprobadas por la Autoridad Certificadora de la reparación o reparación mayor.
- C. Cualquier alteración en las características de estos CDCCL's en esta lista son clasificados como mayores y requieren una probación de la Autoridad Certificadora.

TAREAS RECOMENDADAS (Sección 12)

Esta sección contiene las tareas recomendadas por Embraer, proveedores, MSG-3 ISS y los grupos de trabajo que pretenden integrar a las tareas del MRB. Estas tareas están principalmente relacionadas a efectos económicos.

TAREAS DE COMPONENTES REEMPLAZO MANTENIMIENTO LINEA (Sección 13)

Son tareas que se deben realizar a componentes específicos que debido a que pueden ser intercambiados entre aeronaves, resulta necesario realizar un seguimiento especial para cada uno. Estas tareas son controladas con referencia a los Ciclos y Horas de Vuelo de cada componente.

El desarrollo de estas tareas se podrán realizar en todas las estaciones.



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TAREAS DE COMPONENTES REEMPLAZO MANTENIMIENTO MAYOR
(Sección 14)

Son tareas que se deben realizar a componentes específicos que debido a que pueden ser intercambiados entre aeronaves, resulta necesario realizar un seguimiento especial para cada uno. Estas tareas son controladas con referencia a los Ciclos y Horas de Vuelo de cada componente.

El reemplazo del componente se efectuara en las bases de mantenimiento de Aerolitoral que cuenten con el equipo necesario para realizar la remoción e instalación del componente así mismo bajo previa autorización de DGAC.

TAREAS NO APLICABLES (Sección 15).

Esta sección contiene la lista de Tareas establecidas en el MRBR que No son aplicables a las Aeronaves de Aerolitoral.

FORMATOS DE TAREAS INTERNAS (Sección 16)

Contiene la lista y los Formatos a utilizar para el registro de los trabajos de mantenimiento programado emitidos por Aerolitoral.

Las tareas en esta sección pueden ser las desarrolladas por el Departamento de Ingeniería además de las tareas del manual AMM del fabricante seleccionadas por el mismo departamento, que tienen como fin de mejorar el mantenimiento de las aeronaves.

Las tareas de esta sección no son obligatorias, por lo tanto quedan a consideración de Aerolitoral su modificación y/o eliminación.



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1.4 DEFINICIÓN DE SERVICIOS

Servicios Menores:

Servicio de 48 HR

El servicio de 48 Horas se realiza cada 48 horas transcurridas por personal de línea. Este servicio incluye únicamente la verificación de la presión de las ruedas del Tren Principal y del Tren de Nariz. Al mismo tiempo se atienden los reportes abiertos de la bitácora de mantenimiento y se llevan a cabo las acciones correctivas necesarias. La periodicidad se suspenderá cada vez que el avión requiera mas de un día calendario fuera de servicio para realizar tareas de mantenimiento. En tal caso, el servicio de 48 horas debe ser efectuado antes de que el avión regrese a servicio, reasumiendo entonces su periodicidad. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

10 DY (LC1) "Line Check 1"

El servicio LC1 se realiza cada 10 días calendario por personal de línea. El servicio LC1 examina el interior y el exterior del avión por condición y seguridad, así mismo se revisan operacionalmente los sistemas de detección de humo del baño y compartimento de carga, se revisa el equipo semifijo y al mismo tiempo se atienden los reportes abiertos de la bitácora de mantenimiento y se llevan a cabo las acciones correctivas necesarias. La periodicidad se suspenderá cada vez que el avión requiera más de seis días calendario fuera de servicio para realizar tareas de mantenimiento. En tal caso, la revisión LC1 debe ser efectuada antes de que el avión regrese a servicio, reasumiendo entonces su periodicidad. Este servicio contiene actividades del MRBR de 100 FH ó 14 días calendario, y algunas de 500 FH, 1 MO y 6 MO. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

40 DY (LC2) "Line Check 2"

El servicio LC2 se realiza cada 40 días calendario por personal de línea. El servicio LC2 incluye pruebas operacionales y funcionales, así como la verificación de la cantidad de aceite del APU. Al mismo tiempo se atienden los reportes abiertos de la bitácora de mantenimiento y se llevan a cabo las acciones correctivas necesarias. Este servicio solo contiene actividades del MRBR de 400 FH. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.



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Servicios Intermedios:

Servicio de 4000 FH

Este servicio se efectúa cada 4000 FH y contiene tareas de inspección visual detallada así como tareas operacionales. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

Servicio de 8000 FH

Este servicio se efectúa cada 8000 FH y contiene tareas funcionales y operacionales. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

Servicio "A1"

El servicio "A1" se efectúa cada 500 FH. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

Servicio "A2"

El servicio "A2" se efectúa cada 1000 FH. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

Servicio "A5"

El servicio "A5" se efectúa cada 2500 FH. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

Servicios Mayores:

Servicio "1C"

El servicio "1C" se efectúa cada 5000 FH, 5000 FC ó 30 Meses (lo que ocurra primero). Este servicio contiene actividades del MRBR de 5000 FH, 5000 FC y 30 meses. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

El Servicio "1C" se ha fraccionado en su formato con cuatro sub-clasificaciones: "1C" Sistemas, "1C" Estructural, "1C" CPCP y "1C" Zonal.



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El cumplimiento de estos cuatro fraccionamientos del formato asegura el cumplimiento del Servicio "1C" en su totalidad.

Servicio "2C"

El servicio "2C" se efectúa cada 10,000 FH, 10,000 FC ó 60 Meses (lo que ocurra primero). Este servicio contiene actividades del MRBR de 10,000 FH, 10,000 FC y 60 meses. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

El Servicio "2C" se ha fraccionado en su formato con cuatro sub-clasificaciones: "2C" Sistemas, "2C" Estructural, "2C" CPCP y "2C" Zonal.

El cumplimiento de estos cuatro fraccionamientos del formato asegura el cumplimiento del Servicio "2C" en su totalidad.

Servicio "4C"

El servicio "4C" se efectúa cada 16,000 FH, 16000 FC ó 96 Meses (lo que ocurra primero). Este servicio contiene actividades del MRBR de 16,000 FH, 16,000 FC y 96 meses. Este servicio no incluye tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.

El Servicio "4C" se ha fraccionado en su formato con tres sub-clasificaciones: "4C" Estructural, "4C" CPCP y "4C" Zonal.

El cumplimiento de estos tres fraccionamientos del formato asegura el cumplimiento del Servicio "4C" en su totalidad.

Servicios Estructurales Intermedios:

Los Servicios Estructurales "E" comprenden tareas de "CPCP's, Zonales y Estructurales", mismas que se integran de la siguiente forma:

Servicios "E (2500 FC)" y "E (2500 FC) Empenaje"

Estos servicios se efectúan cada 2500 ciclos de vuelo respectivamente. Estos servicios se han dividido en dos fases con mismo intervalo para facilidad de mantenimiento y las tareas contenidas son básicamente de Inspección Visual General y de Inspección Detallada. Estos servicios no incluyen tareas de ningún otro servicio, ni incluye en su totalidad a ningún otro servicio.



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Servicios Estructurales Mayores:

Servicios “E ()”

Los servicios codificados con “E” corresponden a los que contienen tareas estructurales aplicables a la aeronave en los intervalos indicados entre paréntesis. Ejemplo: E (30,000 FC) Servicio estructural a los 30,000 ciclos de vuelo.

Servicios “E (x + y)”

Los servicios codificados con E (x + y) corresponden a los que contienen tareas estructurales aplicables a la aeronave que cuentan con un Umbral para la primera aplicación indicada en “x” y posteriormente a intervalos repetitivos “y”, considerando su factor de repetitividad en FC, FH ó Meses.

Ejemplo: E (20,000 FC + C1) Servicio estructural con un umbral de aplicación por primera vez a los 10,000 FC y una aplicación repetitiva a intervalos “C1” equivalente a 5000 FC. ó E (96 Months + C2) Servicio estructural con un umbral de aplicación por primera vez a los 96 Meses y una aplicación repetitiva a intervalos “C2” equivalente a 60 meses.

Servicio Previo al Invierno (Prior to Winter)

Comprende tareas que deben realizarse entre los meses de Octubre a Enero para tener en óptimas condiciones el avión en la época de invierno.



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1.5 CAMBIO DE LOS INTERVALOS DE INSPECCIÓN / MANTENIMIENTO.

Los tiempos límite que se muestran en el programa de mantenimiento pueden ser aumentados ó disminuidos de acuerdo a las condiciones que se muestran en el documento MRBR vigente de la aeronave Embraer EMB-145.

De igual manera la aplicación de las tareas podrá extenderse su periodo máximo de aplicación de acuerdo a las necesidades de operación de la flota de Aerolitoral, y en base a lo establecido por el manual SRMD vigente.

Todas las tareas recomendadas así como las tareas internas de aerolitoral se consideran opcionales por lo que su limite de no es estrictamente fijo u obligatorio, son solo como referencia para su programación.

1.6 PROGRAMA DE LOS MOTORES Y APU

La lógica MSG-3 se usó para desarrollar el programa de mantenimiento, el cual incluye los requerimientos de inspecciones periódicas especificados por Allison para el programa de mantenimiento del motor a condición. Para las inspecciones recomendadas e intervalos relacionados con este programa se usó la última revisión del Capítulo 5 del Manual de Mantenimiento AE 3007 A. En adición a los requerimientos de inspección programados, el programa del motor a condición, requiere que Aerolitoral realice un monitoreo de la operación del motor a través de información obtenida de:

- Instrumentos de motores en cabina de pilotos (EICAS)
- Mensajes en cabina de pilotos (EICAS)
- Mensajes de mantenimiento en cabina de pilotos (MFD)
- Datos de Mantenimiento del avión (CMC)
- Análisis del Programa de Monitoreo del motor

Proceso de Monitoreo de Motores:

El Monitoreo de Motores consiste en que el personal Técnico descargue de la FADEC la información de los motores por medio de la CMC, posteriormente la información es archivada y consultada por el Ingeniero de Motores, quien es responsable de enviar la información a la compañía "Data Systems & Solutions (DS-S)" para su análisis y a su vez procesar la información en el programa "Compass Navigator".

Si existe una alerta la compañía (DS-S) y Allison envían al Ingeniero de Motores mediante correo electrónico, teléfono o fax las acciones correctivas a implementar.

Este programa también incluye los requerimientos de inspección periódicos especificados por Sundstrand para el APU, para los cuales se usó la última revisión de las publicaciones de Sundstrand listadas en el apéndice 6 del MRBR.

1.7 DEFINICION DE TERMINOS

Lubricación (LUB) o Servicio (SVC).

Cualquier acción de lubricar o dar servicio con el propósito de mantener las capacidades de diseño inherentes.

Revisión Visual (VCK) o Revisión Operacional (OPC).

Son tareas de observación para determinar que un componente esta cumpliendo completamente sus propósitos. No requiere tolerancias cuantitativas.

Revisión Funcional (FNC).

Es una revisión cualitativa o cuantitativa que determina que una o más funciones de un componente están dentro de los límites o estándares establecidos.

Restauración (RST).

Es el trabajo (dentro o fuera del avión) necesario para retornar un componente a un estándar específico.

Descartar (DIS).

La remoción de un componente del servicio a un límite de vida específico.

Inspeccion Visual General (GVI)

Es un examen visual de un área interior o exterior, instalación o ensamble para detectar daños obvios, fallas o irregularidades. Este nivel de inspección se hace bajo condiciones de iluminación normalmente disponibles tales como luz de día, luces de hangar o linternas, y puede requerir abrir o remover paneles de acceso o puertas. Se pueden requerir plataformas de trabajo, escaleras o rampas para tener acceso al área a ser revisada.

Inspección Visual Detallada (DVI)

Es un examen visual intensivo de un área estructural específica, sistema, instalación o ensamble para detectar daños, fallas o irregularidades. La iluminación disponible normalmente es complementada por una fuente directa de iluminación de alta intensidad, con control de intensidad de luz ajustable por el inspector. Se pueden usar ayudas de inspección tales como espejos, lupas, etc. Se pueden requerir elaborados procedimientos de acceso y limpieza.

Inspección Especial Detallada (SDI)

Es un examen intensivo de un componente específico, instalación o ensamble para detectar daños, fallas o irregularidades. El examen requiere uso extensivo de técnicas de inspección especializadas y/o equipo. Se pueden requerir procedimientos de desarmado o acceso, y limpieza profunda.

Corrosión Nivel I

Corrosión que ocurre entre inspecciones sucesivas, que es local y que puede ser retrabajada o removida dentro de los límites permitidos por el fabricante (SRM, SB, etc.),

ó

Corrosión que ocurre entre inspecciones sucesivas, que excede límites permitidos, pero que es local y puede ser atribuida a un evento no típico de uso del operador en otros aviones de la misma flota (P.E. Derramamiento de Mercurio),

ó

La experiencia del operador en las anteriores inspecciones ha demostrado solo corrosión ligera entre inspecciones sucesivas, pero la última inspección ahora excede los límites permitidos.

Corrosión Nivel II

La Corrosión Nivel II es un daño que ocurre entre inspecciones sucesivas que requiere un retrabajo, y entonces excede los límites permitidos, requiriendo una reparación / refuerzo, ó reemplazo parcial / total de un SSI,

ó

Un daño que ocurre entre inspecciones sucesivas que es extendida y requiere retrabajo aproximándose a los límites permitidos de retrabajo.

Corrosión Nivel III

La Corrosión Nivel III es un daño encontrado durante la primera, o subsecuentes inspecciones, que se determina que afecta la aeronavegabilidad, y por lo tanto requiere acción expedita.

Componente de Mantenimiento Significante (Maintenance Significant Items-MSI)

Los MSI's son aquellos componentes identificados por Embraer cuya falla:

- I. Podría afectar la seguridad (en tierra o en vuelo), y/o
- II. Podría ser indetectable o no fácilmente detectable durante la operación, y/o
- III. Podría tener un significativo impacto operacional, y/o
- IV. Podría tener un significativo impacto económico.



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Componente Estructural Significante (Structural Significant Item-SSI)

Es cualquier elemento o ensamble estructural que contribuye significativamente a soportar cargas en vuelo, tierra, de presurización, o de control, y cuya falla podría afectar la integridad estructural necesaria para la seguridad de la aeronave.

Límite de Tiempo (componente):

Es un proceso primario de mantenimiento preventivo el cual requiere que la parte o componente sea reparado totalmente en un intervalo específico (Overhaul) de acuerdo con los manuales de los fabricantes o que esta sea removida de servicio.

Límite de Vida (componente):

Es un proceso de mantenimiento preventivo el cual requiere que la parte o componente sea removido de servicio de la aeronave y desechado a un tiempo específico.



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1.8 ABREVIATURAS Y ACRONIMOS

ABREVIATURAS

AH	-	APU OPERATING HOURS
CAT	-	CATEGORY
DET	-	DETAILED INSPECTION
DIS	-	DISCARD
DY	-	DAY
FR	-	FRAME
FR	-	FRAME
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

ACRONIMOS

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
AOA	-	ANGLE OF ATTACK
APU	-	AIRBORNE POWER UNIT
ASSY	-	ASSEMBLY
ATA	-	AIR TRANSPORT ASSOCIATION
ATS	-	AIR TURBINE STARTER
BITE	-	BUILT-IN TEST EQUIPMENT
CAA	-	CIVIL AVIATION AUTHORITY(UNITED KINGDOM)
CCMR	-	CANDIDATE CERTIFICATION MAINTENANCE REQUIREMENT
CMC	-	CENTRAL MAINTENANCE COMPUTER
CMM	-	COMPONENT MAINTENANCE MANUAL



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CMR -	CERTIFICATION MAINTENANCE REQUIREMENT
CPCP -	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
DGAC -	DIRECCION GENERAL DE AERONAUTICA CIVIL (MEXICO)
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 DETERIORATION
EGPWS -	ENHANCED GROUND PROXIMITY WARNING SYSTEM
EICAS -	ENGINE INDICATION AND CREW ALERTING SYSTEM
ELT -	EMERGENCY LOCATOR TRANSMITTER
EMB -	EMBRAER
EMDP -	ENGINE MOTOR DRIVEN PUMP
FAA -	FEDERAL AVIATION ADMINISTRATION (USA)
FADEC -	FULL AUTHORITY DIGITAL ENGINE CONTROL
FAR -	FEDERAL AVIATION REGULATION
FC -	FLIGHT CYCLE
FCOC -	FUEL COOLED OIL COOLER
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
FSA -	FLAP SCREW-JACK ACTUATOR
FWD -	FORWARD
GPU -	GROUND POWER UNIT
GPWS -	GROUND PROXIMITY WARNING SYSTEM
GVI -	GENERAL VISUAL INSPECTION
HIRF -	HIGH INTENSITY RADIATED FIELD
HP -	HIGH PRESSURE
HPT -	HIGH PRESSURE TURBINE
HYD -	HYDRAULIC
IRS -	INERTIAL REFERENCE SYSTEM
IRU -	INERTIAL REFERENCE UNIT
ISC -	INDUSTRY STEERING COMMITTEE



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- JAA - JOINT AVIATION AUTHORITIES
- JAR - JOINT AIRWORTHINESS REQUIREMENTS (EUROPE)
- L/HIRF- LIGHTING /HIGH INTENSITY RADIATED FILED
- 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
- 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
- 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
- RR - ROLLS-ROYCE
- RTCA - RADIO TECHNICAL COMMISSION FOR AERONAUTICS
- RVSM - REDUCED VERTICAL SEPARATION MINIMUM
- SDI - SPECIAL DETAILED INSPECTION
- SMRD - SCHEDULED MAINTENANCE REQUIREMENTS DOCUMENT
- SPS - STALL PROTECTION SYSTEM
- SRM - STRUCTURAL REPAIR MANUAL



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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
WG	-	WORKING GROUP
WOW	-	WEIGHT-ON-WHEEL
ZWG	-	ZONAL WORKING GROUP



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SECCIÓN 2. REQUERIMIENTOS DE INSPECCION RUTINARIOS

"ROUTINE INSPECTION REQUIREMENTS"

Fecha de Efectividad:
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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
12-11-03-680-001-A00	ROUTINE	SVC	7	Drain Fuel Tanks to Check for the Presence of Water	-	100 FH / 14 DY	ALL
12-13-01-610-001-A00	ROUTINE	SVC	7	Hydraulic System Reservoir Fluid Level Check	-	100 FH / 14 DY	ALL
26-14-00-710-001-A00	ROUTINE	OPC	8	Operationally Check Lavatory Smoke Detection System	-	100 FH / 14 DY	ALL
26-15-00-710-001-A00	ROUTINE	OPC	8	Operationally Check Baggage Smoke Detection System	-	100 FH / 14 DY	ALL
27-12-01-212-002-A03	ROUTINE	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition	-	100 FH / 14 DY	EMB-145 (ALL)
28-11-00-212-001-A00	ROUTINE	GVI	7	Visually Check Underwing Surfaces, Tank Access Panels, Dump Valves and Drain Valves for Absence of Fuel Leakage	-	100 FH / 14 DY	ALL
28-12-03-212-001-A00	ROUTINE	GVI	7	Visually Check NACA Air Inlet for Absence of Obstruction	-	100 FH / 14 DY	ALL
28-20-00-212-001-A00	ROUTINE	GVI	7	Visually Check Fuel Line Shroud Drains for Absence of Fuel Leakage	-	100 FH / 14 DY	ALL
29-10-04-710-001-A00	ROUTINE	OPC	8	Operationally Check Electric Motor-Driven Pump (EMDP) in AUTO and ON modes	-	100 FH / 14 DY	ALL
30-00-00-710-001-A00	ROUTINE	OPC	8	Operationally Check Anti-Icing System Messages	-	100 FH / 14 DY	ALL
32-10-00-211-001-A00	ROUTINE	VCK	9	Visually Check Main Landing Gear, Including Doors and Spring Cartridges	-	100 FH / 14 DY	ALL
32-10-02-211-001-A00	ROUTINE	VCK	9	Visually Check MLG Shock Absorber Extension	-	100 FH / 14 DY	ALL
32-20-01-211-001-A00	ROUTINE	VCK	9	Visually Check Nose Landing Gear and Spring Cartridges for Condition and Shock Absorber Extension	-	100 FH / 14 DY	ALL
32-33-15-720-001-A00	ROUTINE	FNC	8	Functionally Check Landing Gear Accumulator Nitrogen Pre-Charge.	-	100 FH / 14 DY	ALL
32-44-02-610-001-A00	ROUTINE	SVC	7	Parking/Emerg Brake Nitrogen Accumulator Pressure Charge	-	100 FH / 14 DY	ALL
32-49-01-212-001-A00	ROUTINE	GVI	6	Inspect (Visual Inspection) MLG Tires for Wear and General Condition	-	100 FH / 14 DY	ALL
32-49-02-212-001-A00	ROUTINE	GVI	6	Inspect (Visual Inspection) MLG Wheel Assembly	-	100 FH / 14 DY	ALL
32-49-03-212-001-A00	ROUTINE	GVI	6	Inspect (Visual Inspection) Brake Assembly for General Condition	-	100 FH / 14 DY	ALL
32-49-04-212-001-A00	ROUTINE	GVI	6	Inspect (Visual Inspection) NLG Tires for Wear and General Condition	-	100 FH / 14 DY	ALL
32-49-05-212-001-A00	ROUTINE	GVI	6	Inspect (Visual Inspection) NLG Wheel Assembly	-	100 FH / 14 DY	ALL



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SECCIÓN 2. REQUERIMIENTOS DE INSPECCION RUTINARIOS

"ROUTINE INSPECTION REQUIREMENTS"

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
34-13-00-212-001-A00	ROUTINE	GVI	7	Inspect (Visual Inspection) Pitot/Static Ports for Absence of Foreign Matter	-	100 FH / 14 DY	ALL
35-10-00-211-001-A00	ROUTINE	VCK	7	Check Crew Oxygen Pressure	-	100 FH / 14 DY	ALL
35-11-03-211-001-A00	ROUTINE	VCK	7	Visually Check Oxygen Cylinder Pressure Relief Disc	-	100 FH / 14 DY	ALL
49-11-01-212-001-A00	ROUTINE	GVI	7	Inspect (Visual Inspection) APU and Starter Generator Air Intake and Exhaust Ducts for Foreign Material or Obstruction	-	100 FH / 14 DY	ALL
71-12-01-212-002-A00	ROUTINE	GVI	7	Inspect (Visual Inspection) Engine and Generator Cooling Air Inlets/Outlets for Absence of Foreign Matter	-	100 FH / 14 DY	ALL
72-00-00-970-001-A00	ROUTINE	DRC	9	Engine Trend Download/Analysis	OR 75 FC, whichever occurs first	100 FH / 14 DY / 75 FC	ALL



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SECCIÓN 3. REQUERIMIENTOS DE INSPECCIÓN DE SISTEMAS Y PLANTAMOTRIZ

"SYSTEMS & POWER PLANT INSPECTION REQUIREMENTS"

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.	
12-12-01-600-801-A	SYSTEMS	SVC	7	Check the Engine Oil Level on the sight gauge (LH and RH side) Note: For oil level check prior to the first flight of the day, fill the engine oil tank until the oil reaches the one quart mark on the sight gauge. Prior to flights other than the first flight	Ref. RR MM 12-10-79-600-801	-	48 FH	ALL
20-00-00-140-001-A00	SYSTEMS	RST		Clean Center Fuselage III Lower Side including wiring, lines and omega beams (Zones: 151, 152, 153, 154, 155, 156). NOTE: EWIS			2C	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER
20-00-00-140-002-A00	SYSTEMS	RST		Clean Center Fuselage III Lower Side including wiring, lines and omega beams (Zones: 151, 152, 153, 154, 155, 156, 157). NOTE: 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	SYSTEMS	RST		Clean Center Fuselage IV Lower Side including wiring, lines and omega beams (Zones: 161, 162). NOTE: EWIS			2C	ALL
20-00-00-140-004-A00	SYSTEMS	RST		Clean Center Fuselage IV Upper Side surrounding ELT unit (Zones: 263, 264). NOTE: EWIS			4C	ALL
20-00-00-140-005-A00	SYSTEMS	RST		Clean Rear Fuselage I Lower Side, including wiring and lines (Zones: 171, 172). NOTE: EWIS			C	ALL
20-00-00-140-006-A00	SYSTEMS	RST		Clean Rear Fuselage I Lateral Side, including electronic rear compartment wiring (Zones: 271, 272). NOTE: EWIS			2C	ALL
20-00-00-140-007-A00	SYSTEMS	RST		Clean Center Fuselage II Lower Side including wiring, lines and omega beams (Zones: 141, 142). NOTE: EWIS			2C	ALL
20-00-00-140-008-A00	SYSTEMS	RST		Clean Center Fuselage I Lower Side including wiring, lines and omega beams (Zones: 131, 132). NOTE: EWIS			2C	ALL
20-00-00-140-009-A00	SYSTEMS	RST		Clean NLG & FWD Electronic Compartments, FWD Pressure Bulkhead Upper Side (Zones: 113, 114, 213, 214, 215, 216). NOTE: EWIS			4C	ALL
20-00-00-140-010-A00	SYSTEMS	RST		Clean Cockpit Lateral Side and FWD Pressure Bulkhead Upper Side (Zones: 221, 222, 223, 224). NOTE: EWIS			2C	ALL
20-00-00-140-011-A00	SYSTEMS	RST		Clean Cockpit Lower Side and FWD Pressure Bulkhead Lower Side (Zones: 121, 122, 123, 124). NOTE: EWIS			2C	ALL
20-00-00-212-001-A00	SYSTEMS	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). NOTE: EWIS			2C	EMB-145EU; EMB-145EP EMB-145ER; EMB-135ER
20-00-00-212-002-A00	SYSTEMS	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). NOTE: 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	SYSTEMS	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). NOTE: EWIS			2C	ALL
20-00-00-212-004-A00	SYSTEMS	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). NOTE: EWIS			C	ALL
20-00-00-212-005-A00	SYSTEMS	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). NOTE: EWIS			2C	ALL
20-00-00-212-006-A00	SYSTEMS	GVI		Inspect (General Visual) Rear Fuselage I Upper Side - EWIS Components of wiring bundles (Zones: 273, 274 / Task applicable to Baggage Compartment Class D). NOTE: EWIS			2C	ALL



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SECCIÓN3.REQUERIMIENTOSDEINSPECCIONDESISTEMASYPLANTAMOTRIZ

"SYSTEMS&POWERPLANTINSPECTIONREQUIREMENTS"

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20-00-00-212-007-A00	SYSTEMS	GVI		Inspect (General Visual) Rear Fuselage I, Pressure Bulkhead Pressurized area side - EWIS Components of APU Power Cables and wiring bundles (Zones: 275, 276). NOTE: EWIS		2C	ALL
20-00-00-212-008-A00	SYSTEMS	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). NOTE: EWIS		2C	ALL
20-00-00-212-009-A00	SYSTEMS	GVI		Inspect (General Visual) Wing-to-fuselage attachment fairings - ER models - EWIS Components of wiring bundles (Zones: 191, 192, 193, 194, 195). NOTE: EWIS		2C	EMB-145EU; EMB-145EP EMB-145ER; EMB-135ER
20-00-00-212-010-A00	SYSTEMS	GVI		Inspect (General Visual) Wing-to-fuselage attachment fairings - LR models - EWIS Components of wiring bundles (Zones: 191, 193, 194, 195). NOTE: EWIS		2C	EMB-145LR; EMB-145LU EMB-145MR; EMB-145MP EMB-145MK; EMB-135LR EMB-135KE ;EMB-135KL
20-00-00-212-012-A00	SYSTEMS	GVI		Inspect (General Visual) NLG Electronic Compartment - EWIS Components of wiring bundles (Zones: 113, 114). NOTE: EWIS		4C	ALL
20-00-00-212-013-A00	SYSTEMS	GVI		Inspect (General Visual) Engine Pylon - EWIS Components of Engines Generators Power cables and wiring bundles (Zones: 414, 424). NOTE: EWIS		C	ALL
20-00-00-212-014-A00	SYSTEMS	GVI		Inspect (General Visual) Engines - EWIS Components of Engines Generators Power cables (Zones: 415, 425). NOTE: EWIS		C	ALL
20-00-00-220-001-A00	SYSTEMS	DET		Inspect (Detailed Inspection) - EWIS Components of Wing Tank Unit Harness (Zones: 155, 156, 157, 531, 631, 541, 641). NOTE: EWIS		2C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
20-00-00-220-002-A00	SYSTEMS	DET		Inspect (Detailed Inspection) - EWIS Components of Wing Tank Unit Harness (Zones: 531, 631, 541, 641). NOTE: EWIS		2C	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
20-00-00-220-003-A00	SYSTEMS	DET		Inspect (Detailed Inspection) - Electric Fuel Pump Connector (Zones: 155, 156, 157). NOTE: EWIS		2C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
20-00-00-220-004-A00	SYSTEMS	DET		Inspect (Detailed Inspection) - Electric Fuel Pump Connector (Zones: 531, 631). NOTE: EWIS		2C	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
20-00-00-220-007-A00	SYSTEMS	DET		Inspect (Detailed Inspection) Wing Middle Section - EWIS Components of Pilot Valve harness inside the conduit (Zones: 541, 641). NOTE: EWIS		2C	ALL
20-00-00-220-008-A00	SYSTEMS	DET		Inspect (Detailed Inspection) Wing Middle Section - EWIS Components of Vent Valve harness inside the conduit (Zones: 541, 641). NOTE: EWIS		2C	ALL
20-00-00-220-009-A00	SYSTEMS	DET		Inspect (Detailed Inspection) FWD Electronic Compartment/FWD Pressure Bulkhead Upper Side - EWIS Components of wiring bundles (Zones: 213, 214, 215, 216). NOTE: EWIS		4C	ALL
20-00-00-220-010-A00	SYSTEMS	DET		Inspect (Detailed Inspection) Cockpit Lower Side - EWIS Components of Power cables (Zones: 123, 124). NOTE: EWIS		2C	ALL
20-00-00-220-011-A00	SYSTEMS	DET		Inspect (Detailed Inspection) Cockpit Lateral Side - EWIS Components of Power cables (Zones: 223, 224). NOTE: EWIS		2C	ALL
20-00-00-220-012-A00	SYSTEMS	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). NOTE: EWIS		2C	ALL



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SECCIÓN 3. REQUERIMIENTOS DE INSPECCIÓN DE SISTEMAS Y PLANTAMOTRIZ

"SYSTEMS & POWER PLANT INSPECTION REQUIREMENTS"

Fecha de Efectividad:
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20-00-00-220-013-A00	SYSTEMS	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). NOTE: EWIS			2C	ALL
21-20-00-710-001-A00	SYSTEMS	OPC	7	Operationally Check Air Conditioned Distribution System		-	2C	ALL
21-21-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Display Ventilation System		-	C	ALL
21-23-05-710-001-A00	SYSTEMS	OPC		Operationally Check Toilet Gasper Hose Filter (if installed).	NOTE: Initial inspection since new, "C" check.	-	5A	ALL
21-25-01-710-001-A00	SYSTEMS	OPC	8	Operationally Check Ram Air Valve		-	C	ALL
21-26-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Electronic Compartment Ventilation System		-	C	ALL
21-26-08-960-001-A00	SYSTEMS	DIS	9	Discard Exhaust Hoses of the Electronic Bay Compartment.	Pre-Mod. SB 145-21-0013 (Not applicable Aerolitoral fleet)	-	5A	ALL
21-26-08-960-001-A01	SYSTEMS	DIS	9	Discard Exhaust Hoses of the Electronic Bay Compartment.	Post-Mod. SB 145-21-0013 (All ERJ-145 Aerolitoral fleet)	-	180MOS	ALL
21-27-00-710-001-A00	SYSTEMS	OPC	9	Operationally check baggage compartment ventilation system (including high and low speed of fan)	Baggage compartment with ventilation system only (All Aerolitoral ERJ-145 fleet)	-	A	ALL
21-27-02-640-001-A00	SYSTEMS	LUB	8	Lubricate baggage compartment check valves	Baggage compartment with ventilation system only (All Aerolitoral ERJ-145 fleet)	-	C	ALL
21-27-02-710-001-A00	SYSTEMS	OPC	8	Operationally check baggage compartment check valve (manual check for free movement and corrected seating)	Baggage compartment with ventilation system only (All Aerolitoral ERJ-145 fleet)	-	5A	ALL
21-31-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Pressurization Control System in Manual Mode		-	2C	ALL
21-31-00-720-002-A00	SYSTEMS	FNC	8	Functionally check outflow valves pressure relief devices			6000 FH	ALL
21-31-00-720-005-A00	SYSTEMS	FNC	9	Functionally check line for leakage	Post-SB 145-21-0002	-	2C	ALL
21-31-03-140-001-A00	SYSTEMS	RST	6	Clean Electropneumatic Outflow Valve (No-smoking flights).	No-smoking flights. (All Aerolitoral ERJ-145 fleet)	-	5A	ALL
21-31-03-140-001-A01	SYSTEMS	RST	6	Clean Electropneumatic Outflow Valve	For smoking flights. (Not applicable Aerolitoral fleet)	-	2A	ALL
21-31-04-140-001-A00	SYSTEMS	RST	6	Clean Pneumatic Outflow Valve (No-smoking flights).	No-smoking flights. (All Aerolitoral ERJ-145 fleet)	-	1000 FH	ALL
21-31-04-140-001-A01	SYSTEMS	RST	6	Clean Pneumatic Outflow Valve	For smoking flights. (Not applicable Aerolitoral fleet)	-	400 FH	ALL
21-31-08-960-001-A00	SYSTEMS	DIS	6	Replace Air Filter Element (No-smoking flights).	No-smoking flights. (All Aerolitoral ERJ-145 fleet)	-	3200 FH	ALL
21-31-08-960-001-A01	SYSTEMS	DIS	6	Replace Air Filter Element	For smoking flights. (Not applicable All ERJ-145 Aerolitoral fleet)	-	1800 FH	ALL
21-51-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Cooling Pack System to Verify ECS OFF Signal		-	C	ALL
21-51-00-720-001-A00	SYSTEMS	FNC	6	Functionally Check Cooling Pack System		-	2C	ALL
21-51-00-720-003-A00	SYSTEMS	FNC	8	Functionally Check Pack Duct Overtemperature Protection		-	C	ALL
21-51-01-130-001-A00	SYSTEMS	RST	6	Clean Pack Valve Filter Using Ultrasonic Method		-	5A	ALL
21-51-02-170-001-A00	SYSTEMS	RST	6	Clean Dual Heat Exchanger and Visually Check condition of core		-	C	ALL
21-51-10-710-001-A00	SYSTEMS	OPC	8	Operationally Check Pack Leak Switch		-	2C	ALL
21-60-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Temperature Control		-	2C	ALL
22-11-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check AFCS Go-Around Mode.	Also Check TCS Mode.	-	C	ALL
23-51-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Audio System Emergency Mode		-	A	ALL
23-60-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Static Discharger		-	8000 FH	ALL
23-71-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Voice Recorder 4 Channels and Area Microphone	Or according to Local Authorities.	-	C	ALL
23-71-02-710-001-A00	SYSTEMS	OPC	9	Operationally Check CVR Underwater Locator Beacon		-	24 MOS	ALL



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"SYSTEMS & POWER PLANT INSPECTION REQUIREMENTS"

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23-71-02-960-001-A00	SYSTEMS	DIS	9	Discard CVR Underwater Locator Beacon Battery	(* NOTE: ULB battery change in accordance with manufacturer's dataplate expiration date.	-	(*)	ALL
24-31-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Main Generation Switching Circuit		-	C	ALL
24-31-00-710-002-A00	SYSTEMS	OPC	9	Operationally Check Main Generation Overcurrent Protection Circuit		-	C	ALL
24-31-01-900-001-A00	SYSTEMS	RST	7	Restore Main Generator	Applicable to P/N: 30086-010 ONLY	-	3200 FH	ALL
24-31-01-900-001-A01	SYSTEMS	RST	7	Restore Main Generator	Applicable to P/N: 30086-011 ONLY	-	4000 FH	ALL
24-34-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check APU Generation Over current Protection Circuit		-	C	ALL
24-34-00-710-002-A00	SYSTEMS	OPC	9	Operationally Check APU Generation Switching Circuit		-	C	ALL
24-34-01-900-001-A00	SYSTEMS	RST	7	Restore APU Starter/Generator	Comply with task from SMRD 24-34-01-900-002-A00 with int. 800 FH. The task from MRBR and SMRD are performed through the same task from AMM 24-34-01-900-801-A.	-	1200 AH	ALL
24-34-01-960-001-A00	SYSTEMS	DIS	7	Discard APU Starter/Generator Brushes		-	800 AH	ALL
24-35-01-720-001-A00	SYSTEMS	FNC	8	Functionally Check Back-up Battery		-	6 MO	ALL
24-35-01-900-001-A00	SYSTEMS	RST	8	Restore Back-up Battery	Interval according to manufacturer's recommendation.	-	12 MOS	ALL
24-36-01-610-001-A00	SYSTEMS	SVC	6	Service Main Battery	MARATHON N/P: 32248-001 ONLY	-	500 FH	ALL
24-36-01-610-001-A02	SYSTEMS	SVC	6	Service Main Battery	MARATHON M3 N/P: 32845-001 ONLY	-	2000 FH	ALL
24-36-01-720-001-A00	SYSTEMS	FNC	6	Functionally Check Main Battery	SAFT N/P: 442CH1 ONLY	-	1000 FH	ALL
24-36-01-900-001-A00	SYSTEMS	RST	8	Restore Main Battery	SAFT N/P: 442CH1 ONLY	-	12 MOS	ALL
24-40-00-720-001-A00	SYSTEMS	FNC	7	Functionally Check GPU Overvoltage Protection		-	C	ALL
24-54-00-212-001-A00	SYSTEMS	GVI	7	Inspect (General Visual) PC Power Components	Applicable to aircraft equipped with PC Power System.	-	C	ALL
24-60-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Electrical Emergency Transfer Circuit		-	C	ALL
24-60-00-710-002-A00	SYSTEMS	OPC	9	Operationally Check Electrical Emergency Abnormal Alarm		-	A	ALL
25-11-01-140-001-A00	SYSTEMS	RST	8	Clean Flight Crew Seats Locking System			A	ALL
25-11-01-220-001-A00	SYSTEMS	DVI	8	Inspect (Detailed Inspection) Cockpit Seats for Security of Attachment to the Track, Including Restraint System		-	4000 FH	ALL
25-21-00-212-001-A00	SYSTEMS	GVI	7	Inspect (General Visual) Passenger Seats (Fabric Cover, Tray, Safety Belt Integrity and attachment to the track)		-	C	ALL
25-21-00-220-002-A00	SYSTEMS	DVI	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
25-60-00-212-001-A00	SYSTEMS	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	SYSTEMS	RST	8	Restore Flotation Vest PN 3505-101CW, 3505-101W, 3500-111W and 2000-105Y.	In accordance with expiration date or Local Regulatory Authority Requirements.	-	24 MO	ALL
25-60-02-900-001-A01	SYSTEMS	RST	8	Restore Flotation Vest PN MK3.	Every 24 MO after 120 MO from date of manufacture; every 12 MO after 168 MO from date of manufacturer; in accordance with expiration date or Local Regulatory Authority Requirements.	-	48 MO	ALL



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SECCIÓN3.REQUERIMIENTOSDEINSPECCIONDESISTEMASYPLANTAMOTRIZ

"SYSTEMS&POWERPLANTINSPECTIONREQUIREMENTS"

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25-60-02-900-001-A02	SYSTEMS	RST	8	Restore Flotation Vest PN MK20SV and MK22SV.	Every 12 MO after 240 MO from date of manufacture; in accordance with expiration date or Local Regulatory Authority Requirements.	-	20 MO	ALL
25-60-02-900-001-A03	SYSTEMS	RST	8	Restore Flotation Vest PN 63600-501 (Vacuum Packed).	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	SYSTEMS	RST	8	Restore Flotation Vest PN 35-21-02.	In accordance with expiration date or Local Regulatory Authority Requirements.	-	12 MO	ALL
25-60-04-710-001-A00	SYSTEMS	OPC	8	Operationally Check Megaphone P/N ACR/EM-1A		-	6 MO	ALL
25-60-04-960-001-A00	SYSTEMS	DIS	6	Discard of Megaphone Batteries P/N ACR/EM-1A		-	12 MO	ALL
25-60-05-212-001-A00	SYSTEMS	GVI	8	Inspect (General Visual) Cockpit Escape Rope P/N 120-15112-001		-	2 C	ALL
25-61-00-212-001-A00	SYSTEMS	GVI	8	Inspect (General Visual) Emergency Locator Transmitter for Condition, Expiration Date of Battery, Proper Installation, Battery Corrosion and Leakage	Or according to Local Authorities' requirements. Follow manufacturer's recommendation.	-	12 MOS	ALL
25-61-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Emergency Locator Transmitter System- Proper Operation- Crash Switch Operation	Or according to Local Authorities' requirements. Follow manufacturer's recommendation.	-	12 MOS	ALL
25-61-04-960-001-A00	SYSTEMS	DIS	8	Replace ELT battery ARTEX P/N: 452-0130	(*) ELT Battery change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements .	-	26 MOS	ALL
25-61-04-960-001-A01	SYSTEMS	DIS	8	Replace ELT battery SOCATA P/N: ELT90A2560102000	(*) ELT Battery change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements	-	48 MOS	ALL
25-61-04-960-001-A02	SYSTEMS	DIS	8	Replace ELT battery ARTEX P/N 452-0133	ELT battery change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements.	-	60 MO	ALL
26-15-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check JAMCO Baggage Compartment Smoke Detection System (actuating each smoke sensor in the baggage compartment with a smoke tester)		-	A / 3 MOS	ALL
26-15-01-212-001-A00	SYSTEMS	VCK	8	Visually Check WALTER KIDDE Baggage Compartment Smoke Detection System Maintenance LED		-	4A	ALL
26-15-01-960-001-A00	SYSTEMS	DIS	8	Discard JAMCO Baggage Compartment Smoke Detector		-	180 MOS	ALL
26-21-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Engine Fire Extinguishing System	Or according to Local Authorities Requirements OR check every third bottle weight inspection (whichever occurs first).	-	2C	ALL
26-21-02-280-001-A00	SYSTEMS	SDI	9	Inspect Engine Fire Extinguishing Bottle for Weight and Check Bottle Pressure	Or according to Local Authorities Requirements.	-	12 MOS	ALL
26-21-02-720-001-A00	SYSTEMS	FNC	9	Perform Hydrostatic Check of the Engine Fire Extinguishing Bottle		-	60 MOS	ALL
26-21-03-720-001-A00	SYSTEMS	FNC	9	Functionally Check Engine Fire Extinguishing Bottle Pressure Switch	As per the manufacturer's recommendation, Check at each bottle Hydrostatic Test (60MOS).	-	60 MOS	ALL
26-21-04-960-001-A00	SYSTEMS	DIS	9	Discard Engine Fire Extinguishing Bottle Cartridges	NOTE: Or in accordance with manufacturer's recommendation.	-	72 MOS	ALL
26-21-05-720-001-A00	SYSTEMS	FNC	9	Functionally Check Two-Way "Tee" Check Valves		-	2C	ALL
26-22-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check APU Fire Extinguishing System (Between switch and bottle connector) and Verify APU isolation by APU Fuel Shutoff Valve actuation.	Or according to Local Authorities Requirements or check every third bottle weight inspection, whichever occurs first	-	2C	ALL
26-22-01-280-001-A00	SYSTEMS	SDI	9	Inspect APU Fire Extinguishing Bottle for Weight and Check Bottle Pressure	Or according to Local Authorities Requirements.	-	12 MOS	ALL
26-22-01-720-001-A00	SYSTEMS	FNC	9	Perform Hydrostatic Check of APU Fire Extinguishing Bottle		-	60 MOS	ALL



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26-22-02-720-001-A00	SYSTEMS	FNC	9	Functionally Check APU Fire Extinguishing Bottle Pressure Switch	As per the manufacturer's recommendation, Check at each bottle Hydrostatic Test (60MOS).	-	60 MOS	ALL
26-22-03-960-001-A00	SYSTEMS	DIS	9	Discard APU Fire Extinguishing Bottle Cartridges	NOTE: Or in accordance with manufacturer's recommendation.	-	72 MOS	ALL
26-23-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check Baggage Fire Extinguishing System (covering the pressure Switch, Cartridge, Baggage Fire Extinguishing Switch and Electrical Hardware).	Class "C" Baggage compartment only.	-	C	ALL
26-23-01-280-001-A00	SYSTEMS	SDI	6	Inspect Baggage Compartment Fire Extinguishing Bottles (high rate and metering) for weight.	Class "C" Baggage Compartment only Perform an Hydrostatic Test at each 60 MOS (Applicable All Aerolitoral ERJ-145 Fleet)	-	12 MOS	ALL
26-23-01-720-001-A00	SYSTEMS	FNC	6	Perform Hydrostatic Check of Baggage Fire Extinguishing Bottles (HIGH RATE & METERING)		-	60 MOS	ALL
26-23-02-960-001-A00	SYSTEMS	DIS	6	Discard Baggage Fire Extinguishing Bottles (high rate and metering) Cartridges	Class "C" Baggage compartment only 180 months from date of manufacture (DOM) or 120 from date of installation, whichever occurs first. (applicable All Aerolitoral ERJ-145 Fleet)	-	120 MOS	ALL
26-23-04-720-001-A00	SYSTEMS	FNC	6	Functionally Check two way check "TEE" Valve	Class "C" Baggage compartment only (Applicable All Aerolitoral ERJ-145 fleet)	-	2C	ALL
26-24-00-211-001-A00	SYSTEMS	VCK	8	Visually Check Portable Fire Extinguishers	Or according to Local Authorities' Requirements. Interval follows manufacturer's recommendation.	-	1 MOS	ALL
26-24-00-280-001-A00	SYSTEMS	SDI	9	Inspect Portable Fire Extinguishing Bottle for Weight (See placard attached to the bottle.)	Or according to Local Authorities Requirements. Interval follows manufacturer's recommendation.	-	12 MOS	ALL
26-24-01-720-001-A00	SYSTEMS	FNC	8	Perform Hydrostatic Check of portable Fire Extinguishing Bottles (WETTING Agent Only) P/N 892480	(WETTING Agent Only) Or in accordance with Local Regulatory Authority Requirements (Not applicable All Aerolitoral ERJ145 fleet)	-	60 MOS	ALL
26-24-01-720-001-A01	SYSTEMS	FNC	8	Perform Hydrostatic Check of portable Fire Extinguishing Bottles (HALON Agent Only) P/N 100-9750, 466090, 898052, A352 Series and C352	(HALON Agent Only) Or in accordance with Local Regulatory Authority Requirements (Applicable All Aerolitoral ERJ-145 Fleet)	-	144 MOS	ALL
26-25-01-280-001-A00	SYSTEMS	SDI	6	Inspect Lavatory Fire Extinguisher Bottle for Weight			12 MO	ALL
27-11-00-220-001-A00	SYSTEMS	DVI	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	SYSTEMS	LUB	6	Lubricate Control Wheel Chain		-	C	ALL
27-11-00-720-001-A00	SYSTEMS	FNC	6	Functionally Check Aileron Primary Mechanical Control Backlash	Threshold at 3C	3C	C	ALL
27-11-01-720-001-A00	SYSTEMS	FNC	6	Functionally Check Tension of Aileron Control Cables	For new cables, check tension of the cable loop affected at first A and 2A before escalating to C	-	C	ALL
27-12-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check Aileron Hydraulic Actuation		-	2C	ALL
27-12-00-720-002-A00	SYSTEMS	FNC	8	Functionally Check Aileron Hydraulic Damping	Pre S.B. 145-27-0062 Only	-	400 FH	EMB-145(ALL)
27-12-00-720-003-A03	SYSTEMS	FNC	8	Functionally Check External Leakage of Aileron Hydraulic Actuator	For aircraft under CTA/FAA certifications: "3A" – Pre-Mod SB 145-27-0063.	-	3A	EMB-145(ALL)
27-12-00-720-003-A04	SYSTEMS	FNC	8	Functionally Check External Leakage of Aileron Hydraulic Actuator	For aircraft under CTA/FAA certifications: "5A" – Post-Mod SB 145-27-0063.	-	5A	EMB-145(ALL)
27-12-00-720-003-A05	SYSTEMS	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	SYSTEMS	GVI	7	Inspect (Visual Inspection) Aileron PCA Hoses		-	C	ALL



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SECCIÓN3.REQUERIMIENTOSDEINSPECCIONDESISTEMASYPLANTAMOTRIZ

"SYSTEMS&POWERPLANTINSPECTIONREQUIREMENTS"

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27-12-01-212-002-A04	SYSTEMS	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition.	25 FH / 3 Days for a/c equipped with PCA PN 394900-1003 or PN 394900-1005 ONLY (Not applicable Aerolitoral ERJ145 fleet)	-	25 FH / 3 DY	EMB-145(ALL)
27-12-01-212-002-A05	SYSTEMS	GVI	AD	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs For Integrity and General Condition	"A" - Post-Mod SB145-27-0061/-62 & SB145-57-0019; Pre-Mod SB145-27-0063 COMPLY BAD 1999-02-01-R6 c) & AD 99-05-04	-	A	EMB-145(ALL)
27-12-01-212-002-A06	SYSTEMS	GVI	AD	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition.	(*) NOTE: "2A" - Post-Mod SB145-27-0061/-62/-63 & SB145-57-0019 (Applicable to aircraft under CTA/FAA Regulations) COMPLY BAD 1999-02-01-R6 d) & AD 99-05-04	-	2A	EMB-145(ALL)
27-12-01-212-002-A07	SYSTEMS	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition.	(*) NOTE: "2A" - Post-Mod SB145-27-0061/-62 & SB145-57-0019 (Applicable to aircraft under EASA Regulations) (Not applicable All Aerolitoral ERJ145 fleet)	-	2A	EMB-145(ALL)
27-12-01-720-001-A03	SYSTEMS	FNC	8	Functionally Check Aileron Actuator Damping Components and Monitoring Devices	Applicable to aircraft Post-Mod SB 145-27-0062 and Pre-Mod SB145-27-0063 for aircraft under ANAC/FAA Regulations	-	A	EMB-145(ALL)
27-12-01-720-001-A04	SYSTEMS	FNC	8	Functionally Check Aileron Actuator Damping Components and Monitoring Devices	Applicable to aircraft Post-Mod SB 145-27-0062 and Post-Mod SB145-27-0063 for aircraft under ANACFAA Regulations	-	5A	EMB-145(ALL)
27-12-01-720-001-A05	SYSTEMS	FNC	8	Functionally Check Aileron Actuator Damping Components and Monitoring Devices	Applicable to aircraft Post-Mod SB 145-27-0062 for aircraft under EASA Regulations (Not applicable All Aerolitoral ERJ-145 fleet)	-	2A	EMB-145(ALL)
27-12-01-720-002-A01	SYSTEMS	FNC	9	Functionally Check Aileron Actuator Force Fight.	Applicable to aircraft Post-Mod SB 145-27-0062. under ANAC/FAA Regulations (Applicable All Aerolitoral ERJ145 fleet)	-	C	ALL
27-12-01-720-002-A02	SYSTEMS	FNC	9	Functionally Check Aileron Actuator Force Fight.	Applicable to aircraft Post-Mod SB 145-27-0062 under EASA Regulations. (Not applicable All Aerolitoral ERJ145 fleet)	-	2A	EMB-145(ALL)
27-12-03-212-001-A00	SYSTEMS	VCK	9	Inspect (Visual Inspection) Aileron Damper Rod Ends/Fitting Lugs for Integrity and General Condition.	Applicable to aircraft Post-Mod SB 145-27-0063, under ANAC/FAA certifications.	-	2A	EMB-145(ALL)
27-12-03-720-001-A00	SYSTEMS	FNC	9	Functionally Check Aileron Damper Damping Force	Applicable to aircraft Post-Mod SB 145-27-0063, under ANAC/FAA certifications.	-	5A	EMB-145(ALL)
27-12-03-720-002-A00	SYSTEMS	FNC	9	Functionally Check External Leakage of Aileron Damper	Applicable to aircraft Post-Mod SB 145-27-0063, under ANAC/FAA certifications.	-	5A	EMB-145(ALL)
27-13-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Aileron Solenoid Manifold Shutoff Function		-	C	ALL
27-14-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Roll Trim		-	C	ALL
27-15-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Aileron Disconnect System		-	C	ALL
27-15-02-640-001-A00	SYSTEMS	LUB	8	Lubricate Aileron Disconnect System	The plate mechanism is bench lubricated.	-	2C	ALL
27-21-01-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Rudder Primary Mechanical Control Checking Cables, pulleys and Quadrants		-	C	ALL
27-21-01-720-001-A00	SYSTEMS	FNC	9	Functionally Check Tension of Rudder Control Cables	(*) NOTE: For new aircraft, check tension cable llop affected at first A and 2A. Before escalating to C	-	C	ALL
27-21-02-220-001-A00	SYSTEMS	DVI	8	Inspect (Detailed Inspection) Rudder Main Control Feedback Path, PCU Linkage and Mounting Points, Rudder Actuator Attachments, Hinges, and Connecting Rods.	Requires Removal of Concentric and Eccentric Pins.	-	C	ALL
27-22-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Rudder Backlash		-	C	ALL



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SECCIÓN3.REQUERIMIENTOSDEINSPECCIONDESISTEMASYPLANTAMOTRIZ

"SYSTEMS&POWERPLANTINSPECTIONREQUIREMENTS"

Fecha de Efectividad:
05-Abr-10

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
27-22-01-720-001-A00	SYSTEMS	FNC	9	Functionally Check Rudder Power Control Unit/Actuators Differential Pressure	-	C	ALL
27-22-02-212-001-A00	SYSTEMS	GVI	6	Inspect (Visual Inspection) Rudder Actuators	-	C	ALL
27-31-00-720-001-A00	SYSTEMS	FNC	6	Functionally Check Elevator Primary Mechanical Control Backlash	-	C	ALL
27-31-01-220-001-A00	SYSTEMS	DVI	6	Inspect (Detailed Inspection) Elevator Control Cables	-	C	ALL
27-31-01-720-001-A00	SYSTEMS	FNC	6	Functionally Check Tension of Elevator Control Cables	(*) NOTE: For new cables, check tension cable loop affected at first A and 2A.	C	ALL
27-31-04-710-001-A00	SYSTEMS	OPC	9	Operationally Check Spring/Servo Tab	-	A	ALL
27-31-05-220-002-A00	SYSTEMS	DVI	8	Inspect (Detailed Inspection) Spring Tab Attachment Link	-	C	ALL
27-35-00-640-001-A00	SYSTEMS	LUB	8	Lubricate Elevator Disconnect System	The plate mechanism is bench lubricated.	2C	ALL
27-35-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Elevator Disconnect System	-	C	ALL
27-36-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Stall Protection System	-	400 FH	ALL
27-36-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check ICE/SPS Speeds Interface Circuit	-	400 FH	ALL
27-40-00-710-002-A00	SYSTEMS	OPC	9	Operationally Check Backup/Main Cut-out Switch and Quick Disconnect Switch	-	C	ALL
27-40-00-710-003-A00	SYSTEMS	OPC	9	Operationally Check Lockout Logic of Horizontal Stabilizer Control Unit. NOTE: Post-Mod SB 145-27-0106	Post-Mod SB 145-27-0106	A	ALL
27-40-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check Horizontal Stabilizer Backlash	-	4000 FH	ALL
27-40-02-220-001-A00	SYSTEMS	DVI	8	Inspect (Detailed Inspection) Horizontal Stabilizer Actuator Integrity and Attachments	-	C	ALL
27-40-02-610-001-A00	SYSTEMS	SVC	6	Service Horizontal Stabilizer Actuator and check for leakage	-	2000 FH	ALL
27-40-03-640-001-A00	SYSTEMS	LUB	6	Lubricate Main Pitch Trim Switches	-	5A	ALL
27-51-00-212-001-A00	SYSTEMS	GVI	7	Inspect (Visual Inspection) Flap Mechanical Line	-	C	ALL
27-51-00-220-001-A00	SYSTEMS	DVI	6	Inspect (Detailed Inspection) Flap Flexible Shafts	-	C	ALL
27-51-00-610-001-A00	SYSTEMS	SVC	6	Service Flap Screw-jack Actuators Gearbox PRE-MOD SB 145-27-0118	-	C	ALL
27-51-00-610-001-A01	SYSTEMS	SVC	6	Service Flap Screw-jack Actuators Gearbox POST-MOD SB 145-27-0118	-	2C	ALL
27-51-00-640-001-A00	SYSTEMS	LUB	6	Lubricate Flap Screw-Jack Actuators (FSAs)	-	2A	ALL
27-51-01-720-001-A00	SYSTEMS	FNC	8	Functionally Check Flap Transmission Brake Holding Capability	-	5A	ALL
27-51-15-220-001-A00	SYSTEMS	DVI	8	Inspect (Detailed Inspection) Flap Rollers for Structural Integrity	-	2C	ALL
27-51-17-720-001-A00	SYSTEMS	FNC	8	Functionally Check MTB (Flap Drive Motor Unit) Holding Capability	-	C	ALL
27-53-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check FLAP FAIL Message	-	A	ALL
27-53-00-710-002-A00	SYSTEMS	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	SYSTEMS	OPC	9	Operationally Check Spoiler System	-	C	ALL
27-70-00-710-001-A00	SYSTEMS	OPC	7	Operationally Check Mechanical Gust Lock Mechanism	Mechanical Gust Lock System ONLY	C	ALL
27-70-00-720-001-A00	SYSTEMS	FNC	9	Functionally check the Gap of Elevator Secondary Stop.	Mechanical Gust Lock System ONLY Pre-Mod. S.B. 145-27-0079	4000 FH	ALL
27-71-00-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Electromechanical Gust Lock Mechanism	Electromechanical Gust Lock System ONLY)	C	ALL
27-71-00-710-003-A00	SYSTEMS	OPC	9	Operationally Check Electromechanical Gust Lock Air/Ground Protection Logic.	Electromechanical Gust Lock System ONLY	A	ALL
28-11-04-710-001-A00	SYSTEMS	OPC	9	Operationally Check (Manual Check for free movement and sealing condition) Flap Valves (Ribs 1 and 7)	Check during Internal Tank Inspection.	2C	ALL
28-12-01-710-001-A00	SYSTEMS	OPC	9	Operationally Check (Manual Check) Vent Float Valves (Rib 19)	Check during Internal Tank Inspection.	2C	ALL



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SECCIÓN 3. REQUERIMIENTOS DE INSPECCIÓN DE SISTEMAS Y PLANTAMOTRIZ

"SYSTEMS & POWER PLANT INSPECTION REQUIREMENTS"

Fecha de Efectividad:
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28-12-04-710-001-A00	SYSTEMS	OPC	9	Operationally Check Flap Valve (Manual Check for Free Movement and Sealing Condition)	Check during Internal Tank Inspection.	-	2C	ALL
28-12-05-211-001-A00	SYSTEMS	VCK	8	Visually Check Flame Arrestor for Honey Comb Clogging, and Attaching Parts for Security		-	C	ALL
28-12-05-710-001-A00	SYSTEMS	OPC	8	Operationally Check Flame Arrestor in/out Flow Valves for Freedom Movement		-	C	ALL
28-21-03-720-001-A00	SYSTEMS	FNC	9	Functionally Check Relief Valve		-	2C	ALL
28-21-04-710-001-A00	SYSTEMS	OPC	9	Operationally Check Crossfeed Valve		-	C	ALL
28-21-10-710-001-A00	SYSTEMS	OPC	8	Operationally Check Fuel Feed Line Shroud		-	8000 FH	ALL
28-22-03-710-001-A00	SYSTEMS	OPC	8	Operationally check APU Fuel Feed Line Shroud		-	8000 FH	ALL
28-41-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Electrical Fuel Quantity Indicating System (Fuel Low Level Logic)		-	C	ALL
28-41-01-720-001-A00	SYSTEMS	FNC		Functionally Check Fuel Conditioning (FCU)		-	10000 FH	ALL
28-41-01-720-001-A01	SYSTEMS	FNC		Functionally Check Fuel Conditioning (FCU) AD 2009-08-03	This task is comply with task 28-41-01-720-001-A00	-	10000 FH	ALL
28-43-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Fuel Temperature Indication System		-	2C	ALL
28-44-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Low Level Warning System	Check during Internal Tank Inspection.	-	2C	ALL
28-45-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Low Pressure Warning System		-	2A	ALL
28-50-01-220-001-A00	SYSTEMS	DET	8	Inspect (Detailed Inspection) Fuel Pump Electrical Harness	NOTE: EWIS/SFAR 88.		2C	ALL
28-50-02-220-001-A00	SYSTEMS	DET	8	Inspect (Detailed Inspection) Wing Tank Unit	This task complies with Fuel Tank Ignition Source Prevention (SFAR 88).		2C	ALL
28-50-04-212-001-A00	SYSTEMS	GVI	8	Inspect (General Visual) Wing Stub Harnesses	NOTE: EWIS/SFAR 88.		2C	ALL
28-50-05-212-001-A00	SYSTEMS	GVI	8	Inspect (General Visual) Trailing Edge Harnesses	NOTE: This task complies with Fuel Tank Ignition Source Prevention (SFAR 88).		2C	ALL
28-50-06-212-001-A00	SYSTEMS	GVI	8	Inspect (General Visual) Leading Edge Harnesses	NOTE: EWIS/SFAR 88.		2C	ALL
29-10-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Electric Motor Driven Pumps Input Signals		-	C	ALL
29-10-00-790-001-A00	SYSTEMS	FNC	9	Functionally Check of Hydraulic Power System for Internal Leakage		-	2C	ALL
29-10-01-710-001-A00	SYSTEMS	OPC	8	Operationally Check Shutoff Valve by means of the Hydraulic Panel Switch		-	C	ALL
29-10-04-900-001-A00	SYSTEMS	DIS	7	Replace EMDP Brushes		-	6000 FH	ALL
29-10-08-211-001-A00	SYSTEMS	VCK	9	Visually Check Differential Pressure Indicators for Red Pins Popped out		-	A	ALL
29-10-10-720-001-A00	SYSTEMS	FNC	8	Functionally Check Return Filter By-Pass Valve NOTE: 2C if fluid contamination is checked at C interval.	2C if fluid contamination is checked at C interval.	-	C	ALL
29-10-13-720-001-A00	SYSTEMS	FNC	9	Functionally Check Priority Valve		-	C	ALL
29-30-03-720-001-A00	SYSTEMS	FNC	9	Functionally Check Hydraulic Filters Differential Pressure Indicators	NOTE: 2C if fluid contamination is checked at C interval.	-	C	ALL
29-30-05-710-001-A00	SYSTEMS	OPC	9	Operationally Check HYD SYS OVHT Message		-	2C	ALL
30-11-05-710-001-A00	SYSTEMS	OPC	9	Operationally Check Wing Leak Thermostat	Recommended task prior to the winter (October) in stead of "2C check"		2C	ALL
30-12-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Electrical Hardware of the Horizontal Stabilizer Thermal Anti-Icing System	Recommended task prior to the winter (October) in stead of "C check"	-	C	ALL
30-12-05-710-001-A00	SYSTEMS	OPC	9	Operationally Check Horizontal Stabilizer Leak Thermostat	Recommended task prior to the winter (October) in stead of "2C check"	-	2C	ALL
30-20-00-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Thermal Anti-Ice (TAI) Exhaust Duct for Condition and Security of Installation	Recommended task prior to the winter (October) in stead of "C check"	-	C	ALL
30-20-01-720-001-A00	SYSTEMS	FNC	9	Functionally Check Thermal Anti-Ice (TAI) Interbulkhead Assembly for Leakage	Recommended task prior to the winter (October) in stead of "C check"	-	C	ALL
30-31-00-710-002-A00	SYSTEMS	OPC	9	Operationally Check Pressurization Static Port Heating	Recommended task prior to the winter (October) in stead of "C check"	-	C	ALL



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SECCIÓN3.REQUERIMIENTOSDEINSPECCIONDESISTEMASYPLANTAMOTRIZ

"SYSTEMS&POWERPLANTINSPECTIONREQUIREMENTS"

Fecha de Efectividad:
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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description		Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
30-31-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Pitot & Anemometric Static Port Heating		-	C	ALL
30-32-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check AOA Sensor Heating		-	C	ALL
30-33-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check TAT Sensor Heating		-	C	ALL
30-42-00-710-001-A00	SYSTEMS	OPC	CATII	Operationally Check Windshield Heating	Recommended Task prior to the Winter (October) in stead of "C CHECK" and Maint. Program requirement for Cat. II Operation	-	C	ALL
31-21-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Digital Clock	Or according to Local Authorities' requirements. Check together with task 31-31-00-710-001-A00.	-	12 MOS	ALL
31-31-00-710-001-A00	SYSTEMS	DRC	9	FDR Data-Personal computer Downloading		-	12 MOS	ALL
31-31-00-720-001-A00	SYSTEMS	FNC	6	Functionally Check Flight Data Recorder System	Or according to Local Authorities.	-	C	ALL
31-31-02-710-001-A00	SYSTEMS	OPC	9	Operationally Check FDR Underwater Locator Beacon		-	24 MOS	ALL
31-31-02-960-001-A00	SYSTEMS	DIS	9	Discard FDR Underwater Locator Beacon Battery	(* NOTE:ULB battery change in accordance with manufacturer's dataplate expiration date.	-	(*)	ALL
31-41-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check DAU Channel Reversion Function		-	C	ALL
32-10-01-900-001-A00	SYSTEMS	RST	8	Restore Main Landing Gear (MLG) Leg Strut Assy (P/Ns 2309-2002-series, 2309-3002-series, 2309-3100-series and-2309-4002-series)	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-10-01-900-002-A00	SYSTEMS	RST	8	Restore MLG Trailing Arm Assy (P/Ns 2309-2037-series, 2309-3037-series and 2309-4037-series), including wheel axle	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-10-02-610-001-A00	SYSTEMS	SVC	9	Service MLG Shock Absorber	5A Or 15 MOS, whichever occurs first.	-	5A / 15 MOS	ALL
32-10-02-900-001-A00	SYSTEMS	RST	8	Restore MLG Shock Absorber Assy (P/Ns 2309-2005-series)	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-10-03-900-001-A00	SYSTEMS	RST	8	Restore MLG Main Side Strut(P/Ns 2309-2500-series and 2309-3500-series)	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-10-04-900-001-A00	SYSTEMS	RST	8	Restore MLG Secondary Side Strut Assy (P/Ns 2309-2600-series), including spring cartridges	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-20-01-610-001-A00	SYSTEMS	SVC	9	Service NLG Shock Absorber	5A Or 15 MOS, whichever occurs first.	-	5A / 15 MOS	ALL
32-20-01-720-001-A00	SYSTEMS	FNC	8	Functionally Check NLG Leg for Centering Cam Play	20000 FC Or 144 MOS, whichever occurs first. Perform at the opportunity of NLG leg strut Restoration.	-	144 MOS	ALL
32-20-01-900-001-A00	SYSTEMS	RST	8	Restore Nose Landing Gear (NLG) Strut (P/N 1170b0000-series; 1170C0000-series; 2233A0000-series; and 2666A0000), including Torque Link, Steering cuff, sliding tube and web assy components; and their attaching parts	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-20-02-900-001-A00	SYSTEMS	RST	8	Restore NLG Main Drag Strut (P/Ns 1172B0000-series and 1172C0000-series)	20000 FC Or 144 MOS, whichever occurs first.	-	20000 FC / 144 MOS	ALL
32-20-03-900-001-A00	SYSTEMS	RST	8	Restore NLG Auxiliary Drag Strut (P/Ns 1173B-series)	Or 20000 FC whichever occurs first.	-	20000 FC / 144 MOS	ALL
32-32-00-710-001-A00	SYSTEMS	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	SYSTEMS	OPC	8	Operationally Check Solenoid and Downlock Release Button of the Landing Gear Control Lever		-	2C	ALL
32-34-00-640-001-A00	SYSTEMS	LUB	8	Lubricate Landing Gear (MLG & NLG) and Steering System		-	400 FH	ALL
32-34-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Landing Gear Emergency Extension (Override Switch)			C	ALL
32-34-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check Landing Gear Emergency Extension	"A" to aircraft Pre-Mod. SB 145-32-0036 and 145-32-0037. (Not applicable All Aerolitoral ERJ145 fleet)	-	A	ALL



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SECCIÓN 3. REQUERIMIENTOS DE INSPECCIÓN DE SISTEMAS Y PLANTAMOTRIZ

"SYSTEMS & POWER PLANT INSPECTION REQUIREMENTS"

Fecha de Efectividad:
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32-34-00-720-001-A01	SYSTEMS	FNC	8	Functionally Check Landing Gear Emergency Extension	"C" to aircraft Post-Mod. SB 145-32-0036 and 145-32-0037 (Applicable to all Aerolitoral ERJ fleet)	-	C	ALL
32-34-03-720-001-A00	SYSTEMS	FNC	8	Functionally Check Condition and Tension of Free-Fall Control Cables		-	2C	ALL
32-41-00-720-001-A00	SYSTEMS	FNC	6	Functionally Check Main Brake System		-	C	ALL
32-41-01-710-001-A00	SYSTEMS	OPC	8	Operationally Check Brake Pedal Transducer		-	2C	ALL
32-41-07-720-001-A00	SYSTEMS	FNC	9	Functionally Check Brake Hydraulic Fuse		-	C	ALL
32-41-09-710-001-A00	SYSTEMS	OPC	8	Operationally Check Return Line Check Valve of Main Brake System		-	C	ALL
32-44-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check Emergency Parking Brake System		-	2C	ALL
32-44-02-720-001-A00	SYSTEMS	FNC	8	Functionally Check Hydraulic Accumulator for Nitrogen Pre-Charge		-	2A	ALL
32-44-06-720-001-A00	SYSTEMS	FNC	8	Functionally Check Thermal Relief Valve of the Emergency/ Parking Brake System		-	2C	ALL
32-44-08-710-001-A00	SYSTEMS	OPC	8	Operationally Check Return Line Check Valve of Emergency/Parking Brake System		-	C	ALL
32-44-10-640-001-A00	SYSTEMS	LUB	8	Lubricate Mechanical Hardware (Handle) and Roller of Emergency Parking Brake Valve		-	C	ALL
32-49-01-610-001-A00	SYSTEMS	SVC	6	Check MLG Tire Inflation Pressure		-	48 FH	ALL
32-49-02-220-001-A00	SYSTEMS	DVI	7	Inspect (Detailed Inspection) of Wheels Speed Transducer Clip in the Hub Cap Drive Clip (*) NOTE: At Each Tire Change only.	NOTE: At Each Tire Change only.	-	100 FH / 14 DY	ALL
32-49-03-220-001-A00	SYSTEMS	DVI	6	Inspect (Detailed Inspection) of Brake Wear Indicator (*) NOTE: At Each Tire Change only.	NOTE: At Each Tire Change only.	-	100 FH / 14 DY	ALL
32-49-04-610-001-A00	SYSTEMS	SVC	6	Check NLG Tire Inflation Pressure		-	48 FH	ALL
32-49-07-710-001-A00	SYSTEMS	OPC	8	Operationally Check Brake Shuttle Valve. (*) NOTE: Or at each Brake Replacement only.	NOTE: Or at each Brake Replacement only.	-	100 FH / 14 DY	ALL
32-50-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Nose wheel Steering System Disengage		-	A	ALL
32-50-06-720-001-A00	SYSTEMS	FNC	8	Functionally Check 7-Degree Proximity Switch		-	C	ALL
32-62-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Landing Gear Warning System		-	A	ALL
33-47-03-720-001-A00	SYSTEMS	FNC	8	Functionally Check White Strobe Lighting System Pre-Mod. SB 145-33-0008 NOTE: This task is applicable only to aircraft under ANAC/FAA Certifications.	Applicable only to aircraft under ANAC/FAA certification (Applicable All Aerolitoral ERJ145 fleet)	-	800 FH	ALL
33-47-03-720-001-A01	SYSTEMS	FNC	8	Functionally Check White Strobe Lighting System Post-Mod. SB 145-33-0008 NOTE: This task is applicable only to aircraft under ANAC/FAA Certifications.		-	3A	ALL
33-50-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Emergency Lighting System		-	400 FH	ALL
33-50-04-720-001-A00	SYSTEMS	FNC	8	Functionally Check Emergency Lighting Battery Pack		-	18 MOS	ALL
33-50-12-280-001-A00	SYSTEMS	SDI	8	Inspect Photoluminescent Floor Proximity Strip Lights using Test Sample	NOTE: If installed.	-	120 MO	ALL
33-50-12-720-001-A00	SYSTEMS	FNC	8	Functionally Check Photoluminescent Floor Proximity Strip Lights System		-	C	ALL
33-51-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check Rechargeable Flashlight System (MODEL EF-2C)		-	2A	ALL
33-51-00-720-001-A01	SYSTEMS	FNC	8	Functionally Check Non Rechargeable Flashlight System (MODEL EF-1)		-	6 MOS	ALL
34-01-00-720-001-A00	SYSTEMS	FNC	CATII	Functionally Check Integrated Standby Instrument System - ISIS	Or according to Local Authorities requirements.	-	C	ALL
34-11-00-720-001-A00	SYSTEMS	FNC	CATII	Functionally Check Standby Altimeter Indicator	Or according to Local Authorities requirements.	-	C	ALL



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SECCIÓN 3. REQUERIMIENTOS DE INSPECCIÓN DE SISTEMAS Y PLANTAMOTRIZ

"SYSTEMS & POWER PLANT INSPECTION REQUIREMENTS"

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description		Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
34-13-00-610-001-A00	SYSTEMS	SVC	6	Clean Pitot-Static System	Or according to Local Authorities Requirements.	-	2C	ALL
34-13-00-680-001-A00	SYSTEMS	SVC	6	Drain Pitot Lines	Pre-Mod SB 145-34-0021 Only (Not Applicable All Aerolitoral ERJ145 fleet)	-	C	ALL
34-13-00-680-001-A01	SYSTEMS	SVC	6	Drain Pitot Lines	Post-Mod SB 145-34-0021 Only (Applicable All Aerolitoral ERJ145 fleet)	-	A	ALL
34-13-00-790-001-A00	SYSTEMS	FNC	CATII	Functionally Check Pitot-Static System for Leakage	Or in accordance with local regulatory authority requirements	-	C	ALL
34-15-00-720-001-A00	SYSTEMS	FNC	CATII	Functionally Check ADC system	Or in accordance with local regulatory authority requirements	-	C	ALL
34-21-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check AHRS DG Mode	Applicable only to aircraft equipped with AHRS AH-800	-	C	ALL
34-21-03-140-001-A00	SYSTEMS	RST	6	Clean AHRS Fan Filter		-	2A	ALL
34-22-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Electronic Flight Instrument System Reversion Function		-	C	ALL
34-25-00-720-001-A00	SYSTEMS	FNC	6	Functionally Check Standby Compass for proper compensation	Or according to Local Authorities requirements.	-	24 MOS	ALL
34-27-03-140-001-A00	SYSTEMS	RST	6	Clean Dual IRS Mounting Tray Fan Filter NOTE: Dual IRS System Only	Applicable to Dual IRS System Only	-	A	ALL
34-41-00-710-001-A00	SYSTEMS	OPC	CATII	Operationally Check GPWS/Windshear	Maintenance Program Requirement for Cat. II Operation	-	C	ALL
34-41-00-710-003-A00	SYSTEMS	OPC	CATII	Operationally Check EGPWS/Windshear	Maintenance Program Requirement for Cat. II Operation	-	C	ALL
34-52-00-720-001-A00	SYSTEMS	FNC	6	Functionally Check Transponder System	Or according to Local Authorities	-	24 MOS	ALL
35-10-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Crew Oxygen Masks		-	C	ALL
35-10-00-710-001-A01	SYSTEMS	OPC	8	Operationally Check Crew Oxygen Mask Puritan and/or B/E Aerospace.		-	2350 FH	ALL
35-10-00-910-001-A00	SYSTEMS	FNC	REC	Leak Test Crew Oxygen System Lines	Together with Task 35-10-07-720-001-A00 and 35-10-07-720-002-A00	-	36 MOS	ALL
35-10-07-720-001-A00	SYSTEMS	FNC	8	Functionally Check Crew Oxygen Cylinder Pressure Regulator NOTE: At the time of Cyl. Hydrostatic Test.	At the time of Cylinder Hydrostatic Test.	-	60 MOS	ALL
35-10-07-720-002-A00	SYSTEMS	FNC	9	Functionally Check (Hydrostatic Test) Crew Oxygen Cylinder	Or according to Local Authorities requirements.	-	60 MOS	ALL
35-11-02-212-001-A00	SYSTEMS	VCK	8	Visually Check Pressure Transducer Indication on MFD Versus External Gauge Indication		-	5A	ALL
35-20-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Passenger Oxygen System in MANUAL Mode	Aircraft Equipped with Chemical Oxygen System Only.	-	4A	ALL
35-20-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Passenger Oxygen System in AUTO Mode	Aircraft Equipped with Chemical Oxygen System Only.	-	C	ALL
35-20-01-211-001-A00	SYSTEMS	VCK	8	Visually Check Chemical Oxygen Generator	Aircraft Equipped with Chemical Oxygen System Only.	-	C	ALL
35-20-01-960-001-A00	SYSTEMS	DIS	8	Replace/Discard Chemical Oxygen Generator	Aircraft Equipped with Chemical Oxygen System Only.	-	180 MOS	ALL
35-20-04-211-001-A00	SYSTEMS	VCK	8	Visually Check Passenger Oxygen Mask	Aircraft Equipped with Chemical Oxygen System Only.	-	C	ALL
35-30-01-211-001-A00	SYSTEMS	VCK	9	Visually Check Portable Oxygen Cylinder Gauge Pressure Indication (By convenience is comply each LC1)	Or according to Local Authorities' requirements.	-	A	ALL
35-30-01-720-001-A00	SYSTEMS	FNC	9	Functionally Check Portable Oxygen Cylinder Pressure Regulator NOTE: At the time of Cylinder Hydrostatic Test.	At the time of Cylinder Hydrostatic Test.	-	60 MOS	ALL
35-30-01-720-002-A00	SYSTEMS	FNC	9	Functionally Check (Hydrostatic Test) Portable Oxygen Cylinder	Or according to Local Authorities' requirements.	-	60 MOS	ALL
35-30-02-211-001-A00	SYSTEMS	VCK	9	Visually Check Continuous Flow Mask		-	5A	ALL
35-30-03-960-001-A00	SYSTEMS	DIS	8	Discard Protective Breathing Equipment PN MR10042N, 15-40F-11, 15-40F-10, 15-40F and E28180-10		-	120 MOS	ALL



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SECCIÓN 3. REQUERIMIENTOS DE INSPECCIÓN DE SISTEMAS Y PLANTAMOTRIZ

"SYSTEMS & POWER PLANT INSPECTION REQUIREMENTS"

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36-10-01-130-001-A00	SYSTEMS	RST	6	Clean Crossbleed Valve Filter by Ultrasonic Method		-	C	ALL
36-11-01-220-001-A00	SYSTEMS	DVI	6	Inspect (Detailed Inspection) Engine Low Pressure Bleed Air Check Valve. P/N 816603-3	P/N 816603-3 ONLY	-	C	ALL
36-11-02-130-001-A00	SYSTEMS	RST	9	Clean High-Stage Valve Filter by Ultrasonic Method		-	C	ALL
36-11-03-130-001-A00	SYSTEMS	RST	6	Clean Fan Air Valve Filter by Ultrasonic Method		-	C	ALL
36-11-04-110-001-A00	SYSTEMS	RST	6	Clean Pre-Cooler by Chemical Method		-	6000 FH	ALL
36-11-05-130-001-A00	SYSTEMS	RST	6	Clean Engine Bleed Valve Filter by Ultrasonic Method	PRE SB 145-36-0028	-	C	ALL
36-20-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Bleed Valve Indicating Function		-	2C	ALL
36-20-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check the Overtemperature Warning Circuit		-	2C	ALL
36-20-00-720-002-A00	SYSTEMS	FNC	9	Functionally Check Differential Pressure Protection Function	PRE SB SB145-36-0018	-	2C	ALL
36-20-02-710-001-A00	SYSTEMS	OPC	8	Operationally Check Thermal Switch		-	2C	ALL
36-20-02-710-002-A00	SYSTEMS	OPC	8	Operationally Check Massive Leakage Switch		-	C	ALL
38-32-04-960-001-A00	SYSTEMS	DIS	7	Replace Waste Drain Valve O'Ring		-	18 MOS	ALL
38-32-10-960-001-A00	SYSTEMS	DIS	7	Replace Waste Drain Valve Cap Seal		-	60 MOS	ALL
45-45-00-970-002-A00	SYSTEMS	DRC	7	CMC DATA - Personal Computer Downloading		-	A	ALL
49-17-00-160-001-A00	SYSTEMS	RST	9	Clean APU Drains Post-Mod SB 145-49-0029		-	C	ALL
49-19-00-160-001-A00	SYSTEMS	RST		Clean APU Drains (APU C14)		-	C	All
49-31-00-710-001-A01	SYSTEMS	OPC	9	Perform a Check of the FADEC BITE display for fault messages	Applicable for APU MODEL T-62T-40C14 (APS500R).	-	400 AH	ALL
49-31-04-960-001-A00	SYSTEMS	DIS	9	Replace/Discard Inlet Fuel Filter.	Discard Inlet Fuel Filter APU Model T-62T-40C11 (APS 500)only	-	800 AH	ALL
49-31-04-960-001-A01	SYSTEMS	DIS	9	Replace/Discard APS 500R Inlet Fuel Filter	Applicable for APU MODEL T-62T-40C14 (APS500R).	-	1200 AH	ALL
49-41-03-220-001-A00	SYSTEMS	DVI	6	Inspect (Detailed Inspection) Igniter Plug Ref a 49-44-03-200-801-A	According to Manufacturer's recommendation.	-	1200 AH	ALL
49-62-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Emergency Shutdown by Using APU Fuel Shutoff Switch and Fire Test Switch		-	2C	ALL
49-91-00-610-001-A00	SYSTEMS	SVC	6	Check Oil Level and Service Oil System as required Ref a 49-96-00-200-801-A	According to manufacturer's recommendation.	-	400 AH	ALL
49-91-00-680-001-A00	SYSTEMS	SVC	9	Drain and Replace Oil Supply Ref a 49-96-00-600-801-A	According to manufacturer's recommendation.	-	2000 AH	ALL
49-91-01-960-001-A00	SYSTEMS	DIS	9	Replace/Discard Oil Filter Element Ref a 49-96-01-960-801-A	According to manufacturer's recommendation.	-	2000 AH	ALL
52-00-00-211-001-A00	SYSTEMS	VCK	7	Visually Check Locking Red Marks	Repaint if necessary.	-	C	ALL
52-00-04-212-001-A00		GVI		Inspect (General visual) Rubber Trim Seal			5A	ALL
52-11-00-640-001-A00	SYSTEMS	LUB	6	Lubricate Standard Main Door Actuating and Locking Mechanism	Only aircraft equipped with standard main door model.	-	C	ALL
52-11-00-640-002-A00		LUB		Lubricate Standard Main Door Actuating and Locking Mechanism			5A	ALL
52-11-00-720-005-A00	SYSTEMS	FNC	8	Functionally Check Standard Main Door Actuating, Latching and Locking Mechanism	Only aircraft equipped with standard main door model.	-	C	ALL
52-12-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Alternate Opening System	Only aircraft equipped with standard main door model.	-	C	ALL
52-12-00-720-001-A00	SYSTEMS	FNC	7	Functionally Check Main Door Hydraulic Accumulator Nitrogen Charge	Only aircraft equipped with standard main door model.	-	5A	ALL
52-14-00-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Main Door Draining System for Obstruction or Damage		-	C	ALL
52-18-00-640-001-A00	SYSTEMS	LUB	6	Lubricate Side-Hinged Main Door Actuating and Locking Mechanism	Only aircraft equipped with side hinged main door model.	-	C	ALL
52-18-00-640-002-A00		LUB		Lubricate Side-Hinge Main Door Actuating and locking Mechanism			5A	ALL
52-18-00-720-001-A00		FNC		Functionally check Main-Door Internal Actuating Handle			5A	ALL



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SECCIÓN3.REQUERIMIENTOSDEINSPECCIONDESISTEMASYPLANTAMOTRIZ

"SYSTEMS&POWERPLANTINSPECTIONREQUIREMENTS"

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52-18-04-960-001-A00		DIS		Discard Side-Hinged Main Door Rubber Trim Seal			C	ALL
52-18-06-720-001-A00	SYSTEMS	FNC	8	Functionally Check Side-Hinged Main door Actuating, Latching and Locking Mechanism	Only aircraft equipped with side hinged main door model.	-	C	ALL
52-21-00-640-001-A00	SYSTEMS	LUB	8	Lubricate Passenger Cabin Escape Hatch Support Pins		-	C	ALL
52-21-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Passenger Cabin Escape Hatch Mechanism	Recommended task prior to the winter (October) in stead of "C check"	-	C	ALL
52-22-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Cockpit Emergency Exit		-	C	ALL
52-22-01-640-001-A00	SYSTEMS	LUB	9	Lubricate Cockpit Emergency Exit Locking Mechanism		-	C	ALL
52-31-00-640-001-A00	SYSTEMS	LUB	6	Lubricate Baggage Door Gear Box		-	C	ALL
52-32-00-220-001-A00	SYSTEMS	DVI	7	Inspect Baggage Door Lifting and Lowering Mechanism for General Condition and Torsion Bar for Torsion		-	C	ALL
52-42-01-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Cockpit Underfloor Access Hatch Mechanism		-	C	ALL
52-43-00-640-001-A00	SYSTEMS	LUB	6	Lubricate Service Door Actuating and Locking Mechanism		-	C	ALL
52-43-06-720-001-A00	SYSTEMS	FNC	8	Functionally Check Service Door Actuating, Latching and Locking Mechanism		-	C	ALL
52-44-01-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Rear Electronic Compartment Door Mechanism		-	C	ALL
52-51-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check Reinforced Cockpit Door		-	4000 FH	ALL
52-71-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Forward Electronic Compartment Door Warning Message		-	C	ALL
52-72-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Rigging Door Warning Message		-	C	ALL
52-73-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Main Door Warning Message		-	C	ALL
52-73-01-720-001-A00	SYSTEMS	FNC	9	Functionally Check Main Door Warning Microswitches		-	C	ALL
52-73-01-720-002-A00		FNC		Funtionally check Main Door Warning Microswitches (Standar Main Door Model)			5A	ALL
52-73-01-720-003-A00		FNC		Funtionally check Main Door Warning Microswitches (Side Hinged Main Door Model)			5A	ALL
52-74-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Service Door Warning Message		-	C	ALL
52-74-01-720-001-A00	SYSTEMS	FNC	9	Functionally Check Service Door Warning Microswitches		-	C	ALL
52-75-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Emergency Exit Warning Message		-	C	ALL
52-76-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Baggage Door Warning Message		-	C	ALL
52-77-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Rear Electronic Compartment Door Warning Message		-	C	ALL
53-00-01-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Fuselage Drain Valves for Obstruction or Damage		-	C	ALL
53-21-01-212-001-A00		GVI		Inspect (General Visual) Frame Rubber Seal			5A	ALL
53-21-02-140-001-A00	SYSTEMS	RST	7	Clean Main Door-Frame Rollers		-	C	ALL
53-21-02-640-001-A00	SYSTEMS	LUB	7	Lubricate Main Door Frame Rollers		-	A	ALL
53-21-12-140-001-A00	SYSTEMS	RST	7	Clean Service Door-Frame Rollers		-	C	ALL
53-21-12-640-001-A00	SYSTEMS	LUB	7	Lubricate Service Door Frame Rollers		-	A	ALL
71-10-00-211-001-A00	SYSTEMS	VCK	9	Visually Check Cowling Seals		-	C	ALL
71-10-00-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Cowling Inboard/Outboard Attachment and Surrounding structure		-	C	ALL
71-20-00-220-001-A00	SYSTEMS	DVI	8	Inspect (Detailed Inspection) Engine Elastomeric Mounts		-	C	ALL
71-60-01-211-001-A00	SYSTEMS	VCK	9	Visually Check Air Intake Attachment		-	C	ALL
71-60-01-211-002-A00	SYSTEMS	VCK	9	Visually Check Air Intake Rear Bulkhead and Fire Shield		-	C	ALL
72-21-01-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Fan Blades	Ref. Allison MM Section 5 Task 72-21-15-200-801	-	4000 FH	ALL



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"SYSTEMS&POWERPLANTINSPECTIONREQUIREMENTS"

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72-21-20-220-001-A00	SYSTEMS	OPC	8	Inspect (detailed inspection) Fan Spinner Pre-Mod Rolls Royce SB 3007A-72-167 Only	-	A	ALL
72-63-01-710-001-A00	SYSTEMS	OPC	AD	Operationally Check Starter Drain Adapter	Ref. Allison MM Section 5 Task 72-63-10-700-801 Applicable Post SB AE3007A-72-330 and Pre-Mod SB AE3007A-72-330 (All Aerolitoral ERJ-145 fleet) COMPLY AD 99-02-51	800 FH	ALL
73-11-10-130-001-A00	SYSTEMS	RST	6	Clean Fuel Nozzles except P/N 23075904, P/N 23077006 and P/N 23087207	EXCEPT P/N: 23075904, P/N 23077006 and P/N 23087207 ONLY RR Task 73-11-10-000-801 RR Task 73-11-10-400-801	2000 FH	ALL
73-11-10-130-001-A01	SYSTEMS	RST	6	Clean Fuel Nozzles	APPLICABLE TO P/N: P/N 23075904, P/N 23077006 and P/N 23087207 ONLY RR Task 73-11-10-000-801 RR Task 73-11-10-400-801	10000 FH	ALL
73-21-00-211-001-A00	SYSTEMS	VCK	9	Visually Check Fuel Pump and Metering Unit for Fuel Leakage		2A	ALL
73-21-06-720-001-A00	SYSTEMS	FNC	9	Functionally Check Fuel Filter Impending Bypass Indicating System	By convenience is comply each 2A	3000 FH	ALL
73-22-01-720-003-A00	SYSTEMS	FNC	9	Inspect Multi-Function Display for ENG() LT FAULT and ENG () SCHED MAINT REPAIR Maintenance Messages		500 FH	ALL
73-30-04-211-001-A00	SYSTEMS	VCK	9	Visually Check the FADEC Anti-Vibration Mounts	Comply RR Allison MM Section 5 Task 73-25-10-000-801 Task 73-25-10-400-801	C	ALL
74-21-01-220-001-A00	SYSTEMS	DVI	6	Inspect (Detailed Inspection) Ignitors	Ref. Allison MM Section 5 Task 74-21-10-200-801 (All Aerolitoral ERJ-145 fleet)	4000 FH	ALL
76-12-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check WOW input signal to Fadec		2C	ALL
76-13-03-710-001-A00	SYSTEMS	OPC	8	Operationally Check Idle Lockout	Only aircrafts with thrust reversers	A	ALL
76-20-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Emergency Shutdown System		5A	ALL
78-10-01-212-002-A00	SYSTEMS	GVI	8	Inspect (Visual Inspection) Plain Exhaust Assy for Damage, Failure or Irregularities	Applicable to aircraft WITHOUT thrust reversers installed.	8000 FH	ALL
78-31-00-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Thrust Reverser Structure	Applicable to aircraft WITH thrust reversers installed.	2C	ALL
78-32-00-211-001-A00	SYSTEMS	VCK	8	Visually Check Thrust Reverser 1RY and 3RY Locks	Applicable to aircraft WITH thrust reversers installed.	A	ALL
78-32-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Thrust Reverser 2RY and 3RY Locks	Applicable to aircraft WITH thrust reversers installed.	2A	ALL
78-33-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Thrust Reverser Control Lever Microswitches	Applicable to aircraft WITH thrust reversers installed.	2C	ALL
78-34-01-720-001-A00	SYSTEMS	FNC	AD	Functionally Check Stow/Transit Thrust Reverser Microswitches for insulation	Applicable to aircraft WITH thrust reversers installed. And applicable only for P/N's 83-990-137, 83-990-152 and 83-990-166. COMPLY AD 2001-17-03 paragraph b)	1200 FH	ALL
79-25-02-211-001-A00	SYSTEMS	VCK	9	Visually Check Fuel Cooled Assembly (FCOC)		2C	ALL
79-27-00-211-001-A00	SYSTEMS	VCK	9	Visually Check Oil Plumbing		2C	ALL
79-34-00-212-001-A00	SYSTEMS	GVI	AD	Inspect Multi-Function Display for ENG1(2) OIL DEBRIS Maintenance Message (Except for aircraft equipped with AE3007A1E Engine)		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
79-34-01-720-001-A00	SYSTEMS	FNC	9	Functionally Check Indicating Magnetic Plug Assembly	Ref. Allison MM Section 5 Task 79-37-10-700-801 (All Aerolitoral ERJ-145 fleet)	2C	ALL
79-37-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Oil Filter Impending Bypass Indicating System	Ref. Allison MM Section 5 Task 79-37-15-700-801 (All Aerolitoral ERJ-145 fleet)	2C	ALL



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"SYSTEMS & POWER PLANT INSPECTION REQUIREMENTS"

Fecha de Efectividad:
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80-10-01-720-001-A00	SYSTEMS	FNC	6	Functionally check Air Turbine Starter including oil servicing	To functionally check the air turbine Starter including oil servicing		A	ALL
80-10-02-160-001-A00	SYSTEMS	SVC	6	Clean Start Control Valve Filter	Applicable to Pre SB 145-80-0003 Only.	-	2A	ALL
80-10-02-160-001-A01	SYSTEMS	SVC	6	Clean Start Control Valve Filter	Applicable to Post SB 145-80-0003 Only.	-	C	ALL



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SECCIÓN 4. REQUERIMIENTOS DE INSPECCION ESTRUCTURALES

"STRUCTURE INSPECTION REQUIREMENTS"

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32-10-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the MAIN LANDING GEAR components: • Trailing arm - MLG (SSI 32-10-03)	-	5000 FC	ALL	
32-10-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the MAIN LANDING GEAR components: • Wheel axle - MLG (SSI 32-10-04)	-	2500 FC	ALL	
32-20-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Strut (main fitting) - NLG (SSI 32-20-12)	-	5000 FC	ALL	
32-20-00-210-802-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Auxiliary Drag Strut Bottom stay (SSI 32-20-16)	-	5000 FC	ALL	
32-20-00-210-803-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Main Drag Strut Top stay - NLG (SSI 32-20-13)	-	5000 FC	ALL	
32-20-00-210-804-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Auxiliary Drag Strut Top stay (SSI 32-20-15)	-	5000 FC	ALL	
32-20-00-210-805-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Torque links -NLG (SSI 32-20-17)	-	5000 FC	ALL	
32-20-00-210-806-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Sliding tube -NLG (SSI 32-20-18)+D733	-	2500 FC	ALL	
32-20-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the NOSE LANDING GEAR components: • Wheel axle (SSI 32-20-19)	-	2500 FC	ALL	
52-10-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Main door folding flap stops (SSI 52-10-04) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	Only aircraft equipped with STANDARD MAIN DOOR model.	-	5000 FC	ALL
52-10-00-220-801-A01	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door folding flap stops (SSI 52-10-04) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	Only aircraft equipped with SIDE HINGED MAIN DOOR model.	-	5000 FC	ALL
52-10-00-220-802-A01	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door folding flap structure (SSI 52-10-02)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	-	10000 FC	ALL
52-10-00-220-805-A01	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door structure (SSI 52-10-01)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	-	4447 FC	ALL
52-10-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Main door folding flap structure (SSI 52-10-02)	Only aircraft equipped with STANDARD MAIN DOOR model.	-	10000 FC	ALL
52-10-00-220-806-A01	STRUCTURAL	DET	-	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door structure (SSI 52-10-01)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	-	4447 FC	ALL
52-10-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Main door structure (SSI 52-10-01)	Only aircraft equipped with STANDARD MAIN DOOR model.	-	5000 FC	ALL
52-10-00-220-807-A01	STRUCTURAL	DET	-	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Main door folding flap structures (SSI 52-10-02)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	-	10000 FC	ALL
52-10-00-220-808-A00	STRUCTURAL	DET	-	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Main door folding flap structures (SSI 52-10-02)	Only aircraft equipped with STANDARD MAIN DOOR model.	-	5000 FC	ALL
52-10-00-220-808-A01	STRUCTURAL	DET	-	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)		30000	2502 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-10-00-220-809-A00	STRUCTURAL	DET	-	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)		30000	2502 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-10-00-220-809-A01	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)		30000	4447 FC	EMB-145EP; EMB-145ER; MB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR



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52-10-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)		30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-10-00-220-811-A00	STRUCTURAL	DET	-	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)		30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-10-00-220-812-A00	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)		30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-21-00-220-804-A00	STRUCTURAL	DET	-	Externally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)		30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-21-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)		30000	5060 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-21-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch window frame (SSI 52-21-07)		30000	6060 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-30-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the BAGGAGE DOOR components: • Baggage door stops and fittings (SSI 52-30-09)		30000	4318 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-43-00-210-801-A00	STRUCTURAL	GVI	-	Internally inspect the SERVICE DOOR components: • Service door folding flap structure (SSI 52-43-11)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	10000 FC	ALL
52-43-00-210-802-A00	STRUCTURAL	GVI	-	Externally inspect the SERVICE DOOR Service door folding flap structure (SSI 52-43-11) components:		-	10000 FC	ALL
52-43-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the SERVICE DOOR components: • Service door window frame (SSI 52-43-12)		-	5000 FC	ALL
52-43-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the SERVICE DOOR components: • Service door window frame (SSI 52-43-12)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	5000 FC	ALL
52-43-00-220-807-A00	STRUCTURAL	DET	-	Externally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13)		22000	2465 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-43-00-220-808-A00	STRUCTURAL	DET	-	Internally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.		22000	4640 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-43-00-220-809-A00	STRUCTURAL	DET	-	Externally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14)		30000	4975 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
52-43-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.		30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR



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52-44-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the REAR ELECTRONIC COMPARTMENT DOOR components: • Rear electronic compartment door structure (SSI 52-44-01)		12000 FC	10000 FC	ALL
52-44-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the REAR ELECTRONIC COMPARTMENT DOOR components: • Rear electronic compartment door structure (SSI 52-44-01)		12000 FC	10000 FC	ALL
53-11-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE component: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)		30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-11-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)		24000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-11-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-10-43)			19737 FC	ALL
53-12-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: •Fuselage skin panels at stringers, frames/bulkheads and splices (SSI 53-10-07)	Applicable to Aircraft Pre Mod SB 145-53-0067	22000 FC	328 FC	ALL
53-12-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)		10000 FC	5896 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-12-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield center post, including its attachment and lower fitting (SSI 53-10-19)		-	5896 FC	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	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Cockpit window cutout structure (SSI 53-10-18)		-	6666 FC	ALL
53-12-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Cockpit window rear post and its attachment (SSI 53-10-22)		-	6666 FC	ALL
53-12-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Forward pressure bulkhead (SSI 53-10-26)		18000 FC	10000 FC	ALL
53-12-00-220-808-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield center post, including its attachments and lower fitting (SSI 53-10-19)	NOTE: Applicable to aircraft Pre-Mod. SB 145-53-0007.	12000 FC	4000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-12-00-220-809-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Cockpit floor beams and columns (SSI 53-10-27)		-	10000 FC	ALL
53-12-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)		20000 FC	5896 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-12-00-220-811-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-10-43)		-	10000 FC	ALL
53-12-00-220-815-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Forward Pressure Bulkhead (SSI 53-10-26)		18000 FC	9933 FC	ALL
53-12-00-220-816-A00	STRUCTURAL	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	ALL



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53-12-00-220-817-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield lateral post and its attachment (SSI 53-10-20)	30000	6666 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-12-00-220-818-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield center post, including its attachments and lower fitting (SSI 53-10-19) NOTE: Applicable to aircraft Post -Mod. SB 145-53-0007.	26000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-12-00-250-801-A00	STRUCTURAL	SDE		New MRB task covering SSI 53-10-19 Pre-Mod SB145-53-0058 special detailed inspection, internal side, zone 223/224	20000 FC	2672 FC	ALL
53-12-00-250-801-A01	STRUCTURAL	SDE		New MRB task covering SSI 53-10-19, post-mod SB145-53-0058, special detailed inspection, internal side zone 223/224		30000 FC	ALL
53-21-00-210-805-A00	STRUCTURAL	GVI	-	Internally inspect the FUSELAGE components: • Main door attachment fittings and interface parts (SSI 53-20-04)	-	10000 FC	ALL
53-21-00-210-806-A00	STRUCTURAL	GVI	-	Internally inspect the FUSELAGE components: • Service door attachment fittings and interface parts (SSI 53-20-05)	-	10000 FC	ALL
53-21-00-210-811-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	29000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-21-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	10000 FC	9816 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frame 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12)	30000	2979 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-21-00-220-807-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Service door cutout reinforcing structure (SSI 53-20-10)	12000 FC	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-811-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along main door cutout (SSI 53-20-41)	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-812-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along service door cutout (SSI 53-20-42)	-	5000 FC	ALL
53-21-00-220-813-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Stops and backup structures for service door (SSI 53-20-02)	-	5000 FC	ALL
53-21-00-220-815-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Passenger door cutout reinforcing structure (SSI 53-20-09)	13000 FC	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL



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53-21-00-220-819-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Passenger door cutout reinforcing structures (SSI 53-20-09)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	10000 FC	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-820-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Service door cutout reinforcing structures (SSI 53-20-10)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	10000 FC	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-823-A00	STRUCTURAL	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.	30000	2979 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MR
53-21-00-220-824-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	10000 FC	ALL
53-21-00-220-825-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		20000 FC	9816 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-826-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)		18000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-827-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)		20000 FC	10000 FC	ALL
53-21-00-220-839-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel and stringers frames/bulkheads and splices (SSI 53-20-07)		-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-842-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)		18000 FC	9816 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
53-21-00-220-846-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Stops and backup structures for main door (SSI 53-20-01)		25000	3735 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-21-00-220-847-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Stops and backup structure for main door (SSI 53-20-01) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.		25000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-21-00-220-848-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)		30000	2500 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-21-00-220-849-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.		30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-21-00-220-850-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Frames 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12)		30000	2764 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR



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SECCIÓN 4. REQUERIMIENTOS DE INSPECCION ESTRUCTURALES

"STRUCTURE INSPECTION REQUIREMENTS"

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53-21-00-220-851-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Stringers 6 & 16 splices at frames 20 & 22 (SSI 53-20-13)	30000	2764 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-21-00-220-852-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along main door cutout (SSI 53-20-41) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	4932 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-21-00-220-853-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along service door cutout (SSI 53-20-42) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-22-00-210-805-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringer, frames/bulkheads, and splices (SSI 53-20-07)	30000	2500 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB-145EU; EMB-145EP; EMB-145ER	
53-22-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-22-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	-	10000 FC	ALL	
53-22-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB-145EU; EMB-145EP; EMB-145ER	
53-23-00-210-802-A00	STRUCTURAL	GVI	-	Internally inspect the FUSELAGE components: • Overwing fuselage skin panel (SSI 53-20-16)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	10000 FC	ALL
53-23-00-210-805-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Overwing fuselage skin panel (SSI 53-20-16)	-	9167 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-23-00-210-807-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	4940 FC	EMB-145EU; EMB-145EP; EMB-145ER	
53-23-00-210-808-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: Overwing Fuselage skin panel (SSI 53-20-16)	-	10000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-23-00-210-809-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	Applicable to aircraft Pre-Mod. SB 145-00-0032.	30000	3388 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-23-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	-	10000 FC	ALL	
53-23-00-220-805-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51)	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145XR	
53-23-00-220-807-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK	
53-23-00-220-808-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	30000	10000 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK	
53-23-00-220-818-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	18790	2571 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-23-00-220-819-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51)	Applicable to aircraft Pre-Mod. SB 145-00-0032.	-	4725 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-23-00-220-819-A01	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Skin and reinforcement around escape cutout reinforcement (SSI 53-20-51)	Applicable to aircraft Post-Mod. SB 145-00-0032 under ANAC/FAA Certifications.	-	3670 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-23-00-220-820-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	6140 FC	EMB-145EP; EMB-145ER; EMB-145EU	



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53-23-00-220-821-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	20000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-23-00-220-822-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-23-00-220-823-A00	STRUCTURAL	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	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-23-00-220-824-A00	STRUCTURAL	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	9167 FC	EMB-145EP; EMB-145ER; EMB-145EU	
53-23-00-220-825-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	30000	9443 FC	EMB-145EP; EMB-145ER; EMB-145EU	
53-24-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	5000 FC	EMB-145EP; EMB-145EU; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-24-00-210-804-A00	STRUCTURAL	GVI	-	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-24-00-210-811-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices.(SSI 53-20-07)	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-24-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-24-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	Applicable to A/C Pre Mod 145-00-0032	30000	9521 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
53-24-00-220-806-A01	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	30000	5337 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-24-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	-	9521 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK	
53-24-00-220-808-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	-	5732 FC	EMB-145EU; EMB-145EP; EMB-145ER	
53-24-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU	
53-31-00-210-807-A00	STRUCTURAL	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.	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	10000 FC	ALL
53-31-00-210-808-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	30000	5000 FC	EMB-145ER; EMB-145EU; EMB-145EP	
53-31-00-210-809-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	



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53-31-00-210-810-A00	STRUCTURAL	GVI	-	Internally inspect the FUSELAGE components: • Baggage compartment floor beams and columns (SSI 53-30-28)	14000	8416 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-31-00-210-811-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	30000	5000 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK	
53-31-00-210-821-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-31-00-210-822-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-31-00-210-823-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	30000	10000 FC	EMB-145EP; EMB-145EU; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-31-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	-	10000 FC	ALL	
53-31-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Baggage door lateral L-shape. (SSI 53-30-03).	-	9199 FC	EMB-145EU; EMB-145EP; EMB-145ER	
53-31-00-220-808-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48).	-	2500 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-145XR; EMB-145ER; EMB-145EU; EMB-145EP	
53-31-00-220-809-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49).	12000 FC	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU	
53-31-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Baggage door lateral L-shape (SSI 53-30-03)	-	7093 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
53-31-00-220-816-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48)	30000	7091 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK	
53-31-00-220-818-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49)	12000 FC	7342 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK	
53-31-00-220-819-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	NOTE: Remove bumper plate, if installed.	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-821-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9199 FC	EMB-145ER; EMB-145EU; EMB-145EP
53-31-00-220-822-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	12000 FC	8193 FC	EMB-145ER; EMB-145EU; EMB-145EP
53-31-00-220-840-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49)	12000 FC	8101 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK	
53-31-00-220-844-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-30-08)	-	5700 FC	EMB-145ER; EMB-145EU; EMB-145EP	



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53-31-00-220-846-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-31-00-220-847-A00	STRUCTURAL	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	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-31-00-220-848-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-31-00-220-849-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-31-00-220-850-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-31-00-220-851-A00	STRUCTURAL	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.	27000	6256 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-31-00-220-852-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	8778 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-31-00-220-852-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-31-00-220-854-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU
53-31-00-220-855-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	20200	10000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-32-00-210-801-A00	STRUCTURAL	GVI	-	Internally inspect the FUSELAGE components: • APU mounting (SSI 53-30-40)	-	20000 FC	ALL
53-32-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-32-00-220-811-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-32-00-220-812-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
53-32-00-220-813-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)	30000	8193 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR



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SECCIÓN 4. REQUERIMIENTOS DE INSPECCION ESTRUCTURALES

"STRUCTURE INSPECTION REQUIREMENTS"

Fecha de Efectividad:
05-Abr-10

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description		Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
54-50-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the PYLON components: • Pylon Skin (SSI 54-50-04)		18000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB- 135ER; EMB-135LR; EMB-135KE; EMB- 135KL
54-50-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: • FWD engine mounts including bolts (SSI 54-50-03) NOTE: Applicable to aircraft Pre-Mod. SB 145-54-0011.		20000 FC	4000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
54-50-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: • Pylon Skin (SSI 54-50-04)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	18000 FC	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
54-50-00-220-808-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: • AFT Engine Mounts including bolts (SSI 54-50-07) NOTE: Applicable to aircraft Pre-Mod. SB 145-54-0011.		20000 FC	4000 FC	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	STRUCTURAL	DET	-	Internally inspect the PYLON components: • AFT Engine Mounts including bolts (SSI 54-50-07) NOTE: 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	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-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: •Pylon Yokes III and IV (SSI 54-50-02)		30000	4090 FC	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	STRUCTURAL	DET	-	Internally inspect the PYLON components: • Pylon Yokes III and IV (SSI 54-50-02) NOTE: Applicable to aircraft Post-Mod. SB 145-54-0011.		30000	30000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB- 135ER; EMB-135LR; EMB-135KE; EMB- 135KL
54-50-00-220-812-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: •Pylon Yokes I and II (SSI 54-50-05)		30000	30000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB- 135ER; EMB-135LR; EMB-135KE; EMB- 135KL
54-50-00-220-813-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: • Pylon spars I, II, III and IV (SSI 54-50-01) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.		27000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
54-50-00-230-802-A00	STRUCTURAL	SDE	-	Internally inspect the PYLON components by Liquid Penetrant Inspection Method: • FWD Engine Mounts including bolts (SSI 54-50-03) NOTE: Applicable to aircraft Post-Mod. SB 145-54-0011, and the flight cycles accumulated shall be based on the engine mount c		15000	15000 FC	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-A00	STRUCTURAL	SDE	-	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II upper flange (SSI 54-50-06)	NOTE: Applicable to aircraft Pre-Mod SB145-54-8	30000 FC	6333 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB- 135ER; EMB-135LR; EMB-135KE; EMB- 135KL



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54-50-00-250-802-A01	STRUCTURAL	SDE	-	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II upper flange (SSI 54-50-06)	NOTE: Applicable to aircraft Post-Mod SB145-54-0008	30000 FC	12606 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
54-50-00-250-804-A00	STRUCTURAL	SDE	-	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II (SSI 54-50-05) NOTE: Applicable to aircraft Post-Mod. SB 145-54-0011.		30000	30000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-10-00-210-803-A00	STRUCTURAL	GVI	-	Externally inspect the HORIZONTAL STABILIZER component: • Fitting hinge support stabilizer (SSI 55-10-21)		-	2500 FC	ALL
55-10-00-210-804-A00	STRUCTURAL	GVI	-	Internally inspect the HORIZONTAL STABILIZER component: • Pin internal and external hinge stabilizer (SSI 55-10-24)		-	2500 FC	ALL
55-10-00-210-805-A00	STRUCTURAL	GVI	-	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH = 350 - lower surface (SSI 55-10-06)		-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
55-10-00-210-806-A00	STRUCTURAL	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	ALL
55-10-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER component: • Elevator support fittings (SSI 55-10-15)		-	9635 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-10-00-220-802-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER component: • Fitting hinge support stabilizer (SSI 55-10-21)		-	10000 FC	ALL
55-10-00-220-803-A00	STRUCTURAL	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	ALL
55-10-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Root rib (SSI 55-10-17)		-	10000 FC	ALL
55-10-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16)	Applicable to aircraft Pre-Mod SB 145-55-0005" (Not applicable Aerolitoral ERJ145 fleet)	-	4227 FC	EMB-145ER; EMB-145EU; EMB-145EP
55-10-00-220-806-A01	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16) Note: "Applicable to aircraft Post-Mod SB 145-55-0005"	Applicable to aircraft Post-Mod SB 145-55-0005"	-	10000 FC	EMB-145ER; EMB-145EU; EMB-145EP
55-10-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front/Rear auxiliary spar center fitting (SSI 55-10-19)	(*) NOTE: Applicable to aircraft Pre-Mod. SB 145-55-0005, perform first inspection at 8000 FC, second inspection at 12000 FC, and the subsequent every 3A (Not applicable Aerolitoral fleet)	-	3A	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER
55-10-00-220-807-A01	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front/Rear auxiliary spar center fitting (SSI 55-10-19)	Applicable to aircraft Post-Mod SB 145-55-0005"	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER
55-10-00-220-808-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front/Rear auxiliary spar center fitting (SSI 55-10-19)		-	10000 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
55-10-00-220-809-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front spar center fittings (SSI 55-10-20)	(*) NOTE: Applicable to aircraft Pre-Mod. SB 145-55-0005, perform first inspection at 8000 FC, second inspection at 12000 FC, and the subsequent every 3A (Not Applicable Aerolitoral fleet)	-	3A	EMB-145EU; EMB-145EP; EMB-145ER
55-10-00-220-809-A01	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front spar center fittings (SSI 55-10-20)	Applicable to aircraft Post-Mod. SB 145-55-0005.	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER



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55-10-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front spar center fittings (SSI 55-10-20)	-	10000 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
55-10-00-220-811-A00	STRUCTURAL	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	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
55-10-00-220-812-A00	STRUCTURAL	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	ALL
55-10-00-220-813-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	-	10000 FC	ALL
55-10-00-220-816-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18)	(*) NOTE: Applicable to aircraft Pre-Mod. SB 145-55-0005, perform first inspection at 8000 FC, second inspection at 12000 FC, and the subsequent every "3A" check	3A	EMB-145EU; EMB-145EP; EMB-145ER
55-10-00-220-816-A01	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18) NOTE: Applicable to aircraft Post-Mod. SB 145-55-0005.	Applicable to aircraft Post-Mod. SB 145-55-0005.	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER
55-10-00-220-817-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18)	-	5000 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
55-10-00-220-823-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 - upper surface (SSI 55-10-01)	-	7120 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
55-10-00-220-831-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • skin Splice at upper and lower surface (SSI 55-10-16)	-	9342 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
55-10-00-240-801-A00	STRUCTURAL	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	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145XR; EMB-135ER; EMB-135KE; EMB-135KL; EMB-135LR
55-10-00-240-802-A00	STRUCTURAL	SDE	-	Externally inspect the HORIZONTAL STABILIZER components by the magnetic particle inspection method: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	Applicable to aircraft Pre-Mod. SB 145-00-0032.	17598 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-10-00-240-802-A01	STRUCTURAL	SDE	-	Externally inspect the HORIZONTAL STABILIZER components by the magnetic particle inspection method: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	NOTE: Applicable to aircraft Post-Mod. SB 145 00-0032, under ANAC/FAA Certifications.	11723 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-10-00-250-801-A00	STRUCTURAL	SDE	-	Externally inspect the HORIZONTAL STABILIZER components by the eddy current inspection method: • Fitting hing support stabilizer (SSI 55-10-21)	-	29600 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145XR; EMB-135ER; EMB-135KE; EMB-135KL; EMB-135LR
55-10-00-250-803-A00	STRUCTURAL	SDE	-	Externally inspect the HORIZONTAL STABILIZER components by the eddy current inspection method: • Fitting hinge support stabilizer (SSI 55-10-21)	Applicable to aircraft Pre-Mod. SB 145-00-0032.	29600 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-10-00-250-803-A01	STRUCTURAL	SDE	-	Externally inspect the HORIZONTAL STABILIZER components by the eddy current inspection method: • Fitting hinge support stabilizer (SSI 55-10-21)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	19811 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-20-00-210-801-A00	STRUCTURAL	GVI	-	Internally inspect the ELEVATOR components: • Elevator horn mass balance weights and attachments (SSI 55-20-90)	-	2500 FC	ALL
55-20-00-210-803-A00	STRUCTURAL	GVI	-	Internally inspect the ELEVATOR components: • Tab wheel drive support fittings (SSI 55-20-35)	-	2500 FC	ALL
55-20-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the ELEVATOR components: • Torque tube fittings (SSI 55-20-34)	-	10000 FC	ALL
55-20-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the ELEVATOR components: • Tab wheel drive support fittings (SSI 55-20-35)	-	10000 FC	ALL



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"STRUCTURE INSPECTION REQUIREMENTS"

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55-30-00-210-802-A00	STRUCTURAL	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	ALL
55-30-00-210-803-A00	STRUCTURAL	GVI	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer support actuators, including bolt (SSI 55-30-75)	-	2500 FC	ALL
55-30-00-210-805-A00	STRUCTURAL	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	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-210-806-A00	STRUCTURAL	GVI	-	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76)	-	2500 FC	ALL
55-30-00-210-807-A00	STRUCTURAL	GVI	-	Internally inspect the VERTICAL STABILIZER components: • Rear spar actuator support fitting (elevator) (SSI 55-30-77)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-210-808-A00	STRUCTURAL	GVI	-	Internally inspect the VERTICAL STABILIZER components: • PCU support fittings (SSI 55-30-80)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-804-A00	STRUCTURAL	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	ALL
55-30-00-220-808-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to spar 3 (SSI 55-30-54)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-809-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to auxiliary spar 52% (SSI 55-30-55)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to auxiliary spar 41% (SSI 55-30-56)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-811-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 78 (SSI 55-30-60)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-812-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 79 (SSI 55-30-61)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-813-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 80 (SSI 55-30-62)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL



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55-30-00-220-817-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to spar 2 (SSI 55-30-57)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
55-30-00-220-818-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to spar 1 (SSI 55-30-58)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
55-30-00-220-819-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 77 (SSI 55-30-59)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
55-30-00-220-820-A00	STRUCTURAL	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	ALL	
55-30-00-220-821-A00	STRUCTURAL	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	ALL	
55-30-00-220-822-A00	STRUCTURAL	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	ALL	
55-30-00-220-833-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76)	Applicable to aircraft Pre-Mod. SB 145-00-0032.	30000	5574 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-833-A01	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	27000	4591 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-834-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to spar 3 (SSI 55-30-50)	-	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-835-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 52% (SSI 55-30-51)	-	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-836-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 41% (SSI 55-30-52)	-	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-837-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Spar 1 - tip rib attachment (SSI 55-30-53)	-	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-838-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Tip rib (SSI 55-30-69)	-	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-839-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer support actuators, including bolt (SSI 55-30-75)	-	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-840-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76)	-	30000	5574 FC	EMB-145EP; EMB-145ER; EMB-145EU



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Fecha de Efectividad:
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55-30-00-220-841-A00	STRUCTURAL	DET	-	Externally inspect the VERTICAL STABILIZER components: • Rudder hinge fittings (SSI 55-30-78)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-220-842-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Actuator support fittings (rudder) (SSI 55-30-79)	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-250-802-A00	STRUCTURAL	SDE	-	Externally inspect the VERTICAL STABILIZER components by the eddy current inspection method: • Fitting hinge support (SSI 55-30-76)	30000	29600 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-250-802-A01	STRUCTURAL	SDE	-	Externally inspect the VERTICAL STABILIZER components by the eddy current inspection method: • Fitting hinge support (SSI 55-30-76)	27000	19811 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
55-30-00-250-803-A00	STRUCTURAL	SDE	-	Externally inspect the VERTICAL STABILIZER components by the eddy current inspection method: • Fitting hinge support (SSI 55-30-76)	30000	29600 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-10-00-210-802-A00	STRUCTURAL	GVI	-	Externally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	30000	20000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-220-801-A00	STRUCTURAL	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)	-	4382 FC	EMB-145ER; EMB-145EU; EMB-145EP; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-802-A00	STRUCTURAL	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	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-145XR; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-803-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05)	-	5700 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-10-00-220-803-A01	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05)	-	5049 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Lower skin - ribs 1, 2 & 3 attachments and tire compartment wall attachments (SSI 57-10-02)	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-806-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Lower skin - ribs 1, 2 & 3 attachments and tire compartment wall attachments (SSI 57-10-02)	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-807-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03)	-	5700 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-10-00-220-807-A01	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03)	-	5049 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR



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57-10-00-220-808-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-809-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03)	NOTE: Applicable to aircraft Pre Mod SB 145-00-0032	-	5700 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-10-00-220-809-A01	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1 - lower skin attachments (SSI 57-10-03)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	-	5049 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05)	NOTE: Applicable to aircraft Pre Mod SB 145-00-0032	-	5700 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-10-00-220-810-A01	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	-	5049 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-220-811-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5852 FC	EMB-145ER; EMB-145EU; EMB-145EP; EMB-135ER
57-10-00-220-812-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-08)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	5852 FC	EMB-145ER; EMB-145EU; EMB-145EP; EMB-135ER
57-10-00-220-813-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Lower skin attachments (SSI 57-10-06)	NOTE: Applicable to aircraft Pre Mod SB 145-00-0032	23000	9583 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-10-00-220-813-A01	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Lower skin attachments (SSI 57-10-06)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	22000	8759 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-220-814-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-08)	NOTE: Applicable to aircraft Pre Mod SB 145-00-0032	-	9583 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-10-00-220-814-A01	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-08)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	-	8759 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-220-815-A00	STRUCTURAL	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)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER
57-10-00-220-816-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1 - Auxiliary cap attachments & auxiliary cap splice at wing attachments (SSI 57-10-05)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	4179 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-817-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1 - Lower skin attachments (SSI 57-10-03) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	4179 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-822-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Lower skin-spanwise splice at spar 2, access holes, stringers, integral milled panels and spanwise splice of integral panel (SSI 57-10-01)	During this inspection, the CPCP basic task shall also be performed for this SSI. NOTE(2): Applicable to aircraft Pre Mod SB 145-00-0032	-	4417 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-10-00-220-822-A01	STRUCTURAL	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)	NOTE 1: During this inspection, the CPCP basic task shall also be performed for this SSI. NOTE 2: Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	-	3825 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-220-826-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1-lower skin attachments (SSI 57-10-03).	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	4179 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-827-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 1-auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-05).	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	4179 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL



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57-10-00-220-833-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06) NOTE 1: During this inspection, the CPCP basic task shall also be performed for this SSI. NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032.	23000	5000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-220-833-A01	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06) NOTE 1: During this inspection, the CPCP basic task shall also be performed for this SSI. NOTE 2: Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA	22000	5000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-220-834-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	30000	5000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-10-00-250-801-A00	STRUCTURAL	SDE	-	Externally inspect the WING STUB components using Eddy Current inspection method: • Rib 4 – lower flange and web (SSI 57-10-11) NOTE: Applicable to aircraft Pre-Mod. SB 145-57-0047.	23600	9569 FC	ALL
57-10-00-250-801-A01	STRUCTURAL	SDE	-	Externally inspect the WING STUB components using Eddy Current inspection method: • Rib 4 – lower flange and web (SSI 57-10-11) NOTE: Applicable to aircraft Post-Mod. SB 145-57-0047.		24000 FC	ALL
57-11-00-220-808-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 1 - lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18)	30000	5617 FC	EMB-145EU; EMB-145EP; EMB-145ER
57-11-00-220-814-A00	STRUCTURAL	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	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-11-00-220-831-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 1-lower from fitting attachments and spar 2-lower rear fitting attachments (SSI 57-11-18)	30000	10000 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-11-00-220-839-A00	STRUCTURAL	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) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-840-A00	STRUCTURAL	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	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-841-A00	STRUCTURAL	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) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	20000 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-11-00-220-842-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1 - Lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5617 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-11-00-220-843-A00	STRUCTURAL	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) NOTE: During this inspection, the CPCP	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-844-A00	STRUCTURAL	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) NOTE: During this inspection, the CPCP	30000	5000 FC	EMB-145EP; EMB-145ER ;EMB-145EU



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Fecha de Efectividad:
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57-11-00-220-845-A00	STRUCTURAL	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	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-846-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 2 -Titanium fitting attachments and fuselage bulkhead attachments at frame 46 (SSI 57-11-20) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-847-A00	STRUCTURAL	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	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-848-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Titanium fitting attachments and fuselage bulkhead at frame 46 (SSI 57-11-20) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-11-00-220-849-A00	STRUCTURAL	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) NOTE: During this inspection, the CPCP basic task shall also be perf	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-11-00-220-850-A00	STRUCTURAL	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) NOTE: During this inspection, the CPCP basic task shall also be perf	30000	5000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-851-A00	STRUCTURAL	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) NOTE: During this inspection, the CPCP basic task shall also be perf	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-11-00-220-852-A00	STRUCTURAL	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) NOTE: During this inspection, the CPCP basic task shall also be perf	30000	10000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-853-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 3 and rib 4 rod-end link (SSI 57-11-22) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-854-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-855-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9388 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-11-00-220-856-A00	STRUCTURAL	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	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-857-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9388 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-11-00-220-858-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR



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57-11-00-220-859-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9047 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-11-00-220-860-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	10000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-861-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	30000	9047 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-11-00-220-862-A00	STRUCTURAL	DET	-	Externally 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	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-220-863-A00	STRUCTURAL	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	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-11-00-250-801-A00	STRUCTURAL	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	ALL
57-21-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	-	2500 FC	ALL
57-21-00-210-804-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	-	10000 FC	ALL
57-21-00-210-805-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin panel chordwise joint (SSI 57-21-29)	-	20000 FC	ALL
57-21-00-210-806-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	-	5000 FC	ALL
57-21-00-210-807-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Actuator access holes (SSI 57-21-34)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-210-810-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Actuator access holes (SSI 57-21-34)	-	10000 FC	ALL
57-21-00-210-811-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	-	10000 FC	ALL
57-21-00-210-812-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	20000 FC	20000 FC	ALL
57-21-00-210-814-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	-	2500 FC	ALL
57-21-00-210-815-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Upper skin panel spanwise joint (SSI 57-21-31)	-	2500 FC	ALL
57-21-00-210-816-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Upper skin/spar attachments (SSI 57-21-37)	12000 FC	2500 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-210-817-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	-	20000 FC	ALL



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57-21-00-210-818-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	20000 FC	20000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-145XR
57-21-00-210-819-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Skin panels (SSI 57-21-26)	-	5000 FC	EMB-145ER; EMB-145EU; EMB-145EP; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-210-820-A00	STRUCTURAL	GVI	-	Internally inspect the WING components skin panels (SSI 57-21-26)	-	5000 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-21-00-210-826-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	-	12888 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-21-00-210-828-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: Lower Skin access holes (SSI 57-21-32)	-	5000 FC	ALL
57-21-00-210-829-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: Skin panels (SSI 57-21-26) NOTE: Applicable to aircraft Pre-Mod. SB 145-00-0032.	-	18298 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-21-00-210-830-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-21-00-210-832-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	30000	20000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-21-00-210-833-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	-	10000 FC	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	STRUCTURAL	GVI	-	Externally inspect the WING components: • Lower vent hole (SSI 57-21-33)	-	10000 FC	EMB-145EU; EMB-145EP; ; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; ; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-220-803-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	-	2500 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the WING components: Upper skin/ spar attachment (SSI 57-21-37)	12000 FC	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-220-805-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	-	2500 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-21-00-220-814-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	30000	8099 FC	EMB-145EU; EMB-145EP; EMB-145ER
57-21-00-220-815-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-220-819-A00	STRUCTURAL	DET	-	Externally Inspect the WING components: • Lower Skin/Spar attachments (SSI 57-21-36)	30000	8444 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK
57-21-00-220-821-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	-	11560 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
				Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.			



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57-21-00-250-802-A00	STRUCTURAL	SDE	-	Externally inspect the WING components by using Eddy Current method: Lower skin panel chordwise joint (SSI 57-21-29)		-	17395 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-250-803-A00	STRUCTURAL	SDE	-	Externally inspect the WING components by using Eddy Current method: • Lower skin panel chordwise joint (SSI 57-21-29)	Applicable to aircraft Pre-Mod. SB 145-00-0032.	-	17395 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-21-00-250-803-A01	STRUCTURAL	SDE	-	Externally inspect the WING components by using Eddy Current method: • Lower skin panel chord wise joint (SSI 57-21-29)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	-	11192 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-22-00-210-801-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 1/wing stub attachments (SSI 57-22-44)		-	10000 FC	ALL
57-22-00-210-806-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 1 cap (SSI 57-22-41)		30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-22-00-220-802-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Spar 1/web cutouts (SSI 57-22-42)		-	10000 FC	ALL
57-22-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Spar 1/leading edge attachments (SSI 57-22-43)		-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-22-00-220-808-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Spar 1/Leading edge attachments (SSI 57-22-43)		-	5000 FC	ALL
57-22-00-220-809-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Spar 1/web and stiffeners (SSI 57-22-40)		30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-22-00-250-801-A00	STRUCTURAL	SDE	-	Externally inspect the WING components by using Eddy Current Inspection Method: • Spar 1, web cutout (SSI 57-22-42)		-	23895 FC	EMB-145EU; EMB-145EP; EMB-145ER
57-22-00-250-803-A00	STRUCTURAL	SDE	-	Externally inspect the WING components by Using Eddy Current Inspection Method: • Spar 1 web cutouts (SSI 57-22-42)		-	16279 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-23-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Spar 2/Wing Stub Attachments (SSI 57-23-48)		-	5000 FC	ALL
57-23-00-210-805-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 2 cap (SSI 57-23-46)		30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-23-00-220-802-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Spar 2/web cutouts (SSI 57-23-47)		-	10000 FC	ALL
57-23-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Spar 2/web and stiffeners (SSI 57-23-45)		-	10000 FC	ALL
57-23-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Spar 2/web and stiffeners (SSI 57-23-45)		30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-23-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Spar 2/web cutouts (SSI 57-23-47)		30000	10000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-24-00-210-802-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Spar 3/wing stub attachments (SSI 57-24-52)		-	5000 FC	ALL



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57-24-00-210-803-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 3 cap (SSI 57-24-50)	30000	5000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR	
57-26-00-220-802-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56)	Applicable to A/C Pre-Mod. SB 145-57-0009.	-	500 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER
57-26-00-220-802-A01	STRUCTURAL	DET	-	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56)	Applicable to aircraft Pre-Mod. SB 145-57-0018.	-	2500 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135LR; EMB-135KE; EMB-135KL
57-26-00-220-802-A03	STRUCTURAL	DET	-	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56)	Applicable to aircraft Post-Mod. SB 145-57-0009 AND Pre-Mod. SB 145-57-0030.	-	2500 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER
57-26-00-220-802-A04	STRUCTURAL	DET	-	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56)	Applicable to aircraft Post-Mod. SB 145-57-0018.	-	5000 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-145XR; EMB-135LR; EMB-135KE; EMB-135KL
57-26-00-220-802-A05	STRUCTURAL	DET	-	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56)	Applicable to aircraft Post-Mod. SB 145-57-0030	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER
57-26-00-220-804-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Lower bearing cap (SSI 57-26-94)		-	5000 FC	ALL
57-26-00-220-805-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • AFT upper trunnion (SSI 57-26-95)		-	5000 FC	ALL
57-26-00-220-806-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • FWD upper trunnion (SSI 57-26-96)		-	5000 FC	ALL
57-26-00-250-802-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • FWD & AFT side brace fittings (SSI 57-26-56)		-	16399 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL; EMB-145XR
57-26-00-250-803-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Lower bearing cap (SSI 57-26-94)		-	12751 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-26-00-250-809-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Fwd and Aft side brace fittings (SSI 57-26-56)		-	30000 FC	EMB-145EU; EMB-145EP; EMB-145ER
57-26-00-250-812-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Lower Bearing Cap (SSI 57-26-94)	Applicable to aircraft Pre-Mod. SB 145-00-0032.	-	12751 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-26-00-250-812-A01	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Lower Bearing Cap (SSI 57-26-94)	Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	-	21620 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-26-00-250-813-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)	NOTE 1: Applicable only to trunnion P/N 145-67014-001/002/003/004/005/006/007/ 008. NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032.	17800	16459 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-26-00-250-813-A01	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)	NOTE 1: Applicable only to trunnion P/N 145-67014-001/002/003/004/005/006/007/ 008. NOTE 2: Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	12985 FC	11927 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-26-00-250-813-A02	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)	NOTE 1: Applicable only to trunnion P/N 145-67014-011/012. NOTE 2: Applicable to aircraft Pre-Mod. SB 145-00-0032.	11000	10413 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-26-00-250-813-A03	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)	NOTE 1: Applicable only to trunnion P/N 145-67014-011/012. NOTE 2: Applicable to aircraft Post-Mod. SB 145-00-0032, under ANAC/FAA Certifications.	6564 FC	6179 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR



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57-26-00-250-813-A04	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)	22200	20000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-26-00-250-813-A05	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95)	16936 FC	15409 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-26-00-250-814-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Fwd upper Trunnion (SSI 57-26-96)	30000	20000 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-26-00-250-814-A01	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Fwd upper Trunnion (SSI 57-26-96)	26000	21620 FC	EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-26-00-250-815-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current inspection method: • Aft upper Trunnion (SSI 57-26-95) NOTE: Applicable only to trunnion P/N 145-67014-001/002/003/004/005/006/007/008.	17800	16459 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-26-00-250-815-A01	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper Trunnion (SSI 57-26-95) NOTE: Applicable only to trunnion P/N 145-67014-011/012.	11000	10413 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-26-00-250-815-A02	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper Trunnion (SSI 57-26-95) NOTE: Applicable only to trunnion P/N 145-67014-009/010/013/014.	22000	20000 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-26-00-250-816-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Fwd upper Trunnion (SSI 57-26-96)	30000	20000 FC	EMB-145EP; EMB-145ER; EMB-145EU
57-28-00-210-802-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)	-	10000 FC	ALL
57-28-00-210-803-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	-	7229 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-210-804-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	-	5000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-210-805-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Spar 3 Attachment, torque box (SSI 57-28-63)	-	10000 FC	ALL
57-28-00-210-806-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-210-807-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 3 attachment, torque box 2 (SSI 57-28-63)	-	10000 FC	ALL
57-28-00-210-808-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Attachment center flap outboard track (SSI 57-28-68)	-	3912 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-210-813-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	-	10000 FC	ALL



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SECCIÓN 4. REQUERIMIENTOS DE INSPECCION ESTRUCTURALES
"STRUCTURE INSPECTION REQUIREMENTS"

Fecha de Efectividad:
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57-28-00-210-815-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Upper skin torque box (SSI 57-28-61)	-	5445 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Tracks/ribs attachment, torque box (SSI 57-28-62)	-	10000 FC	ALL
57-28-00-220-805-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Ribs, torque box 3 (SSI 57-28-64)	-	6306 FC	ALL
57-28-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Ribs, torque box 3 (SSI 57-28-64)	-	6306 FC	ALL
57-28-00-220-807-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Center track and rib15 trailing edge (SSI 57-28-69)	Applicable to A/C Pre-Mod SB 145-57-0008 (Not Applicable all Aerolitoral EJ145fleet)	2000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-220-807-A01	STRUCTURAL	DET	-	Externally inspect the WING components: • Center track and rib15 trailing edge (SSI 57-28-69)	Applicable to A/C Post-Mod SB 145-57-0008 (Applicable to all A/C Aerolitoral ERJ145fleet)	3275 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-220-813-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Spar attachment torque box (SSI 57-28-57)	30000	20000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR
57-28-00-250-803-A00	STRUCTURAL	SDE	-	Externally inspect the WING components by the Eddy Current Inspection Method: • Spar attachment, torque box (SSI 57-28-57)	-	30000 FC	ALL
57-28-00-250-804-A00	STRUCTURAL	SDE	-	Internally inspect the WING components by the Eddy Current Inspection Method: • Spar attachment, torque box (SSI 57-28-57)	-	30000 FC	ALL
57-28-00-250-805-A00	STRUCTURAL	SDE	-	Externally inspect the WING components by the Eddy Current Inspection Method: • Flap track, torque box (SSI 57-28-59)	-	22633 FC	ALL
57-28-00-250-806-A00	STRUCTURAL	SDE	-	Externally inspect the WING components by the Eddy Current Inspection Method: • Ribs, torque box (SSI 57-28-60)	-	15824 FC	ALL
57-28-00-250-807-A00	STRUCTURAL	SDE	-	Internally inspect the WING components by the Eddy Current Inspection Method: • Ribs, torque box (SSI 57-28-60)	-	15824 FC	ALL
57-29-00-210-801-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Ribs, main landing gear bay (SSI 57-29-71)	-	5000 FC	ALL
57-29-00-210-802-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Skin/rib attachment, MLGB (SSI 57-29-72)	-	2500 FC	ALL
57-29-00-210-803-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Skin/rib attachment, MLGB (SSI 57-29-72)	-	5000 FC	ALL
57-41-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the WING LEADING EDGE components: • Machined rib flange (SSI 57-41-98)	-	10000 FC	ALL
57-42-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the WING LEADING EDGE components: • Machined rib flange (SSI 57-42-98)	-	10000 FC	ALL
57-43-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the WING LEADING EDGE components: • Machined rib flange (SSI 57-43-98)	-	10000 FC	ALL
57-50-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the FLAP components: • Fitting, root spar, flaps (SSI 57-50-74)	-	10000 FC	ALL
57-50-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FLAP components: • Fitting, root spar, flaps (SSI 57-50-74)	-	10000 FC	ALL
57-50-00-220-803-A00	STRUCTURAL	DET	-	Externally inspect the FLAP components: • Roller attachment, flaps (SSI 57-50-76)	-	5000 FC	ALL
57-50-00-220-804-A00	STRUCTURAL	DET	-	Externally inspect the FLAP components: • Flap Rollers and Torque Boxes Rollers (SSI 57-50-78)	-	10000 FC	ALL



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SECCIÓN 4. REQUERIMIENTOS DE INSPECCION ESTRUCTURALES

"STRUCTURE INSPECTION REQUIREMENTS"

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57-50-00-240-801-A00	STRUCTURAL	SDE	-	Externally inspect the FLAP components by the magnetic particle inspection method: • Flap rollers and Torque boxes rollers (SSI 57-50-78)	-	30000 FC	ALL
57-50-00-250-801-A00	STRUCTURAL	SDE	-	Externally inspect the FLAP components by the Eddy Current Inspection Method: • Roller attachment (SSI 57-50-76)	-	30000 FC	ALL
57-50-00-250-802-A00	STRUCTURAL	SDE	-	Externally inspect the FLAP components by the Eddy Current Inspection Method: • Tracks, flaps (SSI 57-50-80)	-	22633 FC	ALL
57-52-00-210-802-A00	STRUCTURAL	GVI	-	Internally inspect the FLAP components: • Ribs/skin attachment, inboard flap (SSI 57-52-79)	-	10000 FC	ALL
57-52-00-210-803-A00	STRUCTURAL	GVI	-	Externally inspect the FLAP components: • Ribs/skin attachment, inboard flap (SSI 57-52-79)	-	2500 FC	ALL
57-52-00-210-804-A00	STRUCTURAL	GVI	-	Externally inspect the FLAP components: • Vane inboard/outboard fittings, inboard flap (SSI 57-52-81)	-	2500 FC	ALL
57-52-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FLAP components: • Fitting tip, inboard flap (SSI 57-52-73)	-	16797 FC	ALL
57-52-00-220-803-A00	STRUCTURAL	DET	-	Externally inspect the FLAP components: • Vane center fitting, inboard flap (SSI 57-52-78)	-	3447 FC	ALL
57-53-00-210-802-A00	STRUCTURAL	GVI	-	Internally inspect the FLAP components: • Ribs/skin attachment, outboard flap (SSI 57-53-86)	-	10000 FC	ALL
57-53-00-210-803-A00	STRUCTURAL	GVI	-	Externally inspect the FLAP components: • Ribs/skin attachment, outboard flap (SSI 57-53-86)	-	2500 FC	ALL
57-53-00-210-804-A00	STRUCTURAL	GVI	-	Externally inspect the FLAP components: • Vane inboard/outboard fittings, outboard flap (SSI 57-53-88)	-	2500 FC	ALL
57-53-00-210-805-A00	STRUCTURAL	GVI	-	Internally inspect the FLAP components: • Center ribs attachment, outboard flap (SSI 57-53-87)	-	20000 FC	ALL
57-53-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the FLAP components: • Fitting, tip spar, outboard flap (SSI 57-53-83)	-	10000 FC	ALL
57-53-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FLAP components: • Fitting, tip spar, outboard flap (SSI 57-53-83)	-	16797 FC	ALL
57-53-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the FLAP components: • Vane center fitting outboard flap (SSI 57-53-85)	-	3447 FC	ALL
57-61-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the AILERON components: • Actuator attachment, aileron (SSI 57-61-90)	-	5000 FC	ALL
57-61-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the AILERON components: • Actuator attachment, aileron (SSI 57-61-90)	-	10000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-145XR



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SECCIÓN 5. PROGRAMA DE PREVENCIÓN Y CONTROL DE LA CORROSIÓN

"CORROSION PREVENTION & CONTROL PROGRAM CPCP"

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32-10-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the MAIN LANDING GEAR components: • Leg structure, equipped (left) -MLG (SSI 32-10-01)		-	60 MOS	ALL
32-10-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the MAIN LANDING GEAR components: • Shock absorber piston tube assy - MLG (SSI 32-10-05)		-	30 MOS	ALL
32-10-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the MAIN LANDING GEAR components: • Leg structure, equipped (right) -MLG (SSI 32-10-02)		-	60 MOS	ALL
32-10-00-210-C04-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the MAIN LANDING GEAR components: • Upper secondary side strut assy - MLG (SSI 32-10-09)		-	60 MOS	ALL
32-10-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the MAIN LANDING GEAR components: • Lower secondary side strut assy - MLG (SSI 32-10-10)		-	60 MOS	ALL
32-10-00-210-C06-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the MAIN LANDING GEAR components: • Shock absorber cylinder assy - MLG (SSI 32-10-06)		-	30 MOS	ALL
32-20-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the NOSE LANDING GEAR components: • Main drag strut botton stay -NLG (SSI 32-20-14)		-	30 MOS	ALL
52-10-00-220-C01-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	-	120 MOS	ALL
52-10-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	Only aircraft equipped with STANDARD MAIN DOOR model.	-	30 MOS	ALL
52-10-00-220-C02-A01	CORROSION PROGRAM	DET	CPCP	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	-	60 MOS	ALL
52-10-00-220-C04-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the MAIN DOOR components: • Window frame (SSI 52-10-06)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	-	120 MOS	ALL
52-10-00-220-C05-A01	CORROSION PROGRAM	DET	CPCP	Externally inspect the MAIN DOOR components: • Window frame (SSI 52-10-06)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	96 MOS	60 MOS	ALL
52-10-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Structure (SSI 52-10-01)	Only aircraft equipped with STANDARD MAIN DOOR model.	48 MOS	30 MOS	ALL
52-10-00-220-C06-A01	CORROSION PROGRAM	DET	CPCP	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Structure (SSI 52-10-01)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	48 MOS	30 MOS	ALL
52-30-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the BAGGAGE DOOR components: • Baggage door structure (SSI 52-30-08)		48 MOS	30 MOS	ALL
52-30-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the BAGGAGE DOOR components: • Baggage door structure (SSI 52-30-08)		-	120 MOS	ALL
52-43-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the SERVICE DOOR components: • Service door structure (SSI 52-43-10)		72 MOS	30 MOS	ALL
52-43-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the SERVICE DOOR components: • Service door structure (SSI 52-43-10)		96 MOS	60 MOS	ALL
52-43-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the SERVICE DOOR components: • Service door-to-fuselage attachment fittings & interface parts (SSI 52-43-15)		96 MOS	60 MOS	ALL
52-43-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the SERVICE DOOR components: • Service door-to-fuselage attachment fittings & interface parts (SSI 52-43-15)		-	120 MOS	ALL
53-11-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: Bulkhead 1 structure (SSI 53-10-23)			120 MOS	ALL
53-11-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)		96 MOS	60 MOS	ALL
53-11-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Nose landing gear bay structure (SSI 53-10-24)		96 MOS	60 MOS	ALL



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SECCIÓN 5. PROGRAMA DE PREVENCIÓN Y CONTROL DE LA CORROSIÓN

"CORROSION PREVENTION & CONTROL PROGRAM CPCP"

Fecha de Efectividad:
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53-11-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Nose landing gear bay structure (SSI 53-10-24)	96 MOS	60 MOS	ALL	
53-11-00-210-C06-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Battery compartment cutout structure (SSI 53-10-44)	-	120 MOS	ALL	
53-11-00-210-C07-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Hydraulic compartment cutout structure (SSI 53-10-45)	-	120 MOS	ALL	
53-11-00-210-C08-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Longerons (SSI 53-10-46)	-	120 MOS	ALL	
53-11-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Nose landing gear fitting, including bearing cap and trunnion fitting (SSI 53-10-25)	Applicable to aircraft Pre-Mod. SB 145-32-0063.	-	15 MOS	ALL
53-11-00-220-C01-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Nose landing gear fitting, including bearing cap and trunnion fitting (SSI 53-10-25)	Applicable to aircraft Post-Mod. SB 145-32-0063.	-	30 MOS	ALL
53-11-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)	-	120 MOS	ALL	
53-11-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin Circumferential splice (SSI 53-10-14)	-	120 MOS	ALL	
53-11-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead SSI 53-10-15)	-	120 MOS	ALL	
53-11-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Frames (SSI 53-10-43)	-	120 MOS	ALL	
53-11-00-220-C07-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-10-15)	96 MOS	60 MOS	ALL	
53-12-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)	96 MOS	60 MOS	ALL	
53-12-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)	96 MOS	60 MOS	ALL	
53-12-00-210-C04-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Windshield center post, including its attachments and lower fitting (SSI 53-10-19)	96 MOS	60 MOS	ALL	
53-12-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Maintenance door cutout structure (SSI 53-10-49)	96 MOS	60 MOS	ALL	
53-12-00-210-C07-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Windshield panel (SSI 53-10-21)	-	120 MOS	ALL	
53-12-00-210-C10-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Cockpit window cutout structure (SSI 53-10-18)	96 MOS	60 MOS	ALL	
53-12-00-210-C11-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Windshield panel (SSI 53-10-21)	96 MOS	60 MOS	ALL	
53-12-00-210-C12-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Cockpit window rear post and its attachment (SSI 53-10-22)	96 MOS	60 MOS	ALL	
53-12-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)	-	120 MOS	ALL	
53-12-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-10-08)	-	120 MOS	ALL	
53-12-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-10-14)	-	120 MOS	ALL	
53-12-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Cockpit floor beams and columns (SSI 53-10-27)	-	120 MOS	ALL	
53-12-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-10-15)	-	120 MOS	ALL	
53-12-00-220-C07-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Frames (SSI 53-10-43)	-	120 MOS	ALL	
53-12-00-220-C08-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Maintenance door cutout structure (SSI 53-10-49)	-	120 MOS	ALL	



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SECCIÓN 5. PROGRAMA DE PREVENCIÓN Y CONTROL DE LA CORROSIÓN

"CORROSION PREVENTION & CONTROL PROGRAM CPCP"

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53-12-00-220-C09-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the FUSELAGE components: • Fuselage Skin Panel at pressure bulkhead (SSI 53-10-15)	96 MOS	60 MOS	ALL	
53-21-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Main door attachments fittings and interface parts (SSI 53-20-04)	72 MOS	30 MOS	ALL	
53-21-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Service door attachment fittings and interface parts (SSI 53-20-05)	72 MOS	30 MOS	ALL	
53-21-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Stops and backup structures for service door (SSI 53-20-02)	-	30 MOS	ALL	
53-21-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	-	30 MOS	ALL	
53-21-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	-	60 MOS	ALL	
53-21-00-220-C07-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns (SSI 53-20-11)	NOTE: Applicable to aircraft Pre-Mod. SB 145-53-0026 or SB 145-53-0039 or SB 145-53-0041.	-	24 MOS	ALL
53-21-00-220-C07-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns (SSI 53-20-11) NOTE: Applicable to aircraft Post-Mod. SB 145-53-0026, SB 145-53-0039 and SB 145-53-0041	-	30 MOS	ALL	
53-22-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	-	60 MOS	ALL	
53-22-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	-	60 MOS	ALL	
53-22-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns (SSI 53-20-11)	NOTE: Applicable to aircraft Pre-Mod. SB 145-53-0041.	-	48 MOS	ALL
53-22-00-220-C02-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns (SSI 53-20-11) NOTE: Applicable to aircraft Post-Mod. SB 145-53-0041.	-	60 MOS	ALL	
53-22-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	-	60 MOS	ALL	
53-22-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	-	60 MOS	ALL	
53-22-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	-	60 MOS	ALL	
53-22-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	-	60 MOS	ALL	
53-23-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	-	60 MOS	EMB-145EU EMB-145EP EMB-145ER EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL	
53-23-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	-	60 MOS	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135ER EMB-135LR EMB-135KE EMB-135KL	
53-23-00-210-C04-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	-	60 MOS	ALL	
53-23-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	-	60 MOS	ALL	
53-23-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Frames (SSI 53-20-43)	-	60 MOS	ALL	
53-23-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)	-	60 MOS	ALL	



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53-23-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns (SSI 53-20-11)	NOTE: Applicable to aircraft Pre-Mod. SB 145-53-0041.	-	48 MOS	ALL
53-23-00-220-C04-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns (SSI 53-20-11) NOTE: Applicable to aircraft Post-Mod. SB 145-53-0041.		-	60 MOS	ALL
53-23-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51)		96 MOS	60 MOS	ALL
53-23-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		-	60 MO	ALL
53-24-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		-	30 MOS	ALL
53-24-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)		-	60 MOS	ALL
53-24-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)		-	60 MOS	ALL
53-24-00-210-C04-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)		-	60 MOS	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-C08-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Toilets waste valve support (SSI 53-20-29)		-	30 MOS	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-24-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		-	60 MOS	ALL
53-24-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and Columns (SSI 53-20-11)	NOTE: Applicable to aircraft Pre-Mod. SB 145-53-0026 or SB 145-53-0041.	-	48 MOS	ALL
53-24-00-220-C02-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Passenger cabin floor beams and columns (SSI 53-20-11) NOTE: Applicable to aircraft Post-Mod. SB 145-53-0026 and SB 145-53-0041.		-	60 MOS	ALL
53-24-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-20-08)		-	60 MOS	EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-24-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components:• Frames (SSI 53-20-43)		-	60 MOS	ALL
53-24-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Toilet waste valve support (SSI 53-20-29)		-	30 MOS	EMB-145EP EMB-145ER EMB-145EU EMB-145LR EMB-145LU EMB-145MK EMB-145MP EMB-145MR EMB-145XR EMB-135ER EMB-135LR EMB-135KE EMB-135KL
53-24-00-220-C07-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • fuselage skin longitudinal splice(SSI 53-20-08)		-	60 MOS	EMB-145EP EMB-145ER EMB-145EU
53-31-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: •Frames(SSI 53-30-43)		-	30 MOS	ALL
53-31-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)		96 MOS	60 MOS	ALL
53-31-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)		96 MOS	60 MOS	ALL
53-31-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-30-14)		-	30 MOS	ALL



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53-31-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	-	30 MOS	ALL
53-31-00-220-C07-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36)	-	30 MOS	ALL
53-31-00-220-C08-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components:• Frames (SSI 53-30-43)	-	30 MOS	ALL
53-31-00-220-C09-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-30-08)	96 MOS	60 MOS	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	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36)	-	60 MOS	ALL
53-31-00-220-C11-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: •Fuselage skin longitudinal splice (SSI 53-30-08)	96 MOS	60 MOS	EMB-145EP EMB-145ER EMB-145EU
53-32-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE component: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	96 MOS	60 MOS	ALL
53-32-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	96 MOS	60 MOS	ALL
53-32-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the FUSELAGE components: • Tail cone frame at APU mounting attachment (SSI 53-30-39)	96 MOS	60 MOS	ALL
53-32-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36)	48 MOS	30 MOS	ALL
53-32-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)	96 MOS	60 MOS	ALL
53-32-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-30-08)	96 MOS	60 MOS	ALL
53-32-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-30-14)	96 MOS	60 MOS	ALL
54-50-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the PYLON components: • Pylon yokes III and IV (SSI 54-50-02)	-	30 MOS	ALL
54-50-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the PYLON components: • Pylon yokes I and II (SSI 54-50-05)	-	30 MO	ALL
54-50-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the PYLON components: Pylon yokes I and II upper flange (SSI 54-50-06)	-	30 MO	ALL
55-10-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the HORIZONTAL STABILIZER components: • U shape, L shape and box structure - elevator command (SSI 55-10-22)	-	60 MOS	ALL
55-10-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the HORIZONTAL STABILIZER components: • Pin, internal and external hinge, stabilizer (SSI 55-10-24)	-	15 MOS	ALL
55-10-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the HORIZONTAL STABILIZER components: • Support quadrant assy, stabilizer (SSI 55-10-23)	96 MOS	60 MOS	ALL
55-10-00-210-C06-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from rib sta. YH= 990 to rib sta. YH=2965- lower surface (SSI 55-10-08)	-	60 MOS	ALL
55-10-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the HORIZONTAL STABILIZER components: • Ribs, from rib sta. YH= 990 to rib sta. YH=2965 (SSI 55-10-05)	-	60 MOS	ALL
55-10-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from rib sta. YH= 990 to rib sta. YH=2965- upper surface (SSI 55-10-03)	-	60 MOS	ALL
55-10-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	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) Internally inspect the HORIZONTAL STABILIZER	-	60 MOS	ALL



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55-10-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	components: • Front spar web and cap, from fin to rib sta. YH= 350, including center fitting/spar attachment (SSI 55-10-09) Internally inspect the HORIZONTAL STABILIZER	-	60 MOS	ALL
55-10-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	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 MOS	ALL
55-10-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the HORIZONTAL STABILIZER components: • Ribs, from rib sta. YH= 30 to rib sta. YH= 990 (SSI 55-10-04)	-	60 MOS	ALL
55-20-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the ELEVATOR components: • Skin, between root and sta. YH=160 (SSI 55-20-26)	96 MOS	60 MOS	ALL
55-20-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the ELEVATOR components: • Spars between root and sta. YH=160 (SSI 55-20-25)	96 MOS	60 MOS	ALL
55-20-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the ELEVATOR components: • Skin, between sta. YH=160 and sta. YH= 3320 (SSI 55-20-28)	96 MOS	60 MOS	ALL
55-20-00-210-C04-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the ELEVATOR components: • Tab (SSI 55-20-37)	-	60 MOS	ALL
55-20-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the ELEVATOR components: • Spars, between sta. YH=160 and sta. YH= 3320 (SSI 55-20-27)	96 MOS	60 MOS	ALL
55-20-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the ELEVATOR components: • Ribs, between root and sta. YH=160 (SSI 55-20-29)	96 MOS	60 MOS	ALL
55-20-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the ELEVATOR components: • Tab Hinge Fittings (SSI 55-20-36)	72 MOS	30 MOS	ALL
55-20-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the ELEVATOR components: • Ribs, between sta. YH=160 and sta. YH= 983.4 (SSI 55-20-30)	96 MOS	60 MOS	ALL
55-20-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the ELEVATOR components: • Ribs, between sta. YH= 3001 and sta YH=3320 (SSI 55-20-33)	96 MOS	60 MOS	ALL
55-20-00-290-C01-A00	CORROSION PROGRAM	SDE	CPCP	Internally inspect the ELEVATOR components using a boroscope: • Ribs, between sta. YH= 983.4 and sta YH= 1898 (SSI 55-20-31)	-	60 MOS	ALL
55-20-00-290-C02-A00	CORROSION PROGRAM	SDE	CPCP	Internally inspect the ELEVATOR components using a boroscope: • Ribs, between sta. YH= 1898 and sta YH= 3001(SSI 55-20-32)	-	60 MOS	ALL
55-30-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	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 MOS	60 MOS	ALL
55-30-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	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 MOS	30 MOS	ALL
55-30-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the VERTICAL STABILIZER components: • Skin at ribs from fuselage to sta. ZV=1169 (SSI 55-30-47)	96 MOS	60 MOS	ALL
55-30-00-210-C04-A00	CORROSION PROGRAM	GVI	CPCP	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 MOS	60 MOS	ALL
55-30-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	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 MOS	60 MOS	ALL
55-30-00-210-C06-A00	CORROSION PROGRAM	GVI	CPCP	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 MOS	60 MOS	ALL
55-30-00-210-C07-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the VERTICAL STABILIZER components: • Skin at windows from fuselage to sta. ZV=1169 (SSI 55-30-44)	96 MOS	60 MOS	ALL
55-30-00-210-C08-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the VERTICAL STABILIZER components: • Skin at windows between sta. ZV=2799 and horizontal stabilizer (SSI 55-30-46)	96 MOS	60 MOS	ALL



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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
55-30-00-210-C09-A00	CORROSION PROGRAM	GVI	CPCP	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 MOS	30 MOS	ALL
55-30-00-210-C10-A00	CORROSION PROGRAM	GVI	CPCP	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 MOS	30 MOS	ALL
55-30-00-210-C11-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the VERTICAL STABILIZER components: • Skin at windows between sta. ZV=1169 & sta. ZV=2799 (SSI 55-30-45)	72 MOS	30 MOS	ALL
55-30-00-210-C12-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the VERTICAL STABILIZER components: • Skin at ribs, between sta. ZV=1169 and sta. ZV=2799 (SSI 55-30-48)	72 MOS	30 MOS	ALL
55-30-00-210-C13-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the VERTICAL STABILIZER components: • Skin at ribs, between sta. ZV=2799 and horizontal stabilizer (SSI 55-30-49)	72 MOS	30 MOS	ALL
55-30-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the VERTICAL STABILIZER components: • Root rib, including bolts (SSI 55-30-70)	96 MOS	60 MOS	ALL
55-30-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the VERTICAL STABILIZER components: • Ribs of horizontal stabilizer actuators (sta. ZV=3145, ZV=3015 and ZV=2799) (SSI 55-30-71)	96 MOS	60 MOS	ALL
55-30-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the VERTICAL STABILIZER components: • Ribs of actuator area (sta. ZV=1932 and ZV=2277) (SSI 55-30-72)	96 MOS	60 MOS	ALL
55-40-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the RUDDER components: • Front spar - skin attachment (rudder I) (SSI 55-40-81)	96 MOS	60 MOS	ALL
55-40-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the RUDDER components: • Spar - skin attachment (rudder II) (SSI 55-40-86)	96 MOS	60 MOS	ALL
55-40-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the RUDDER components: • Rear spar - skin attachment (rudder I) (SSI 55-40-82)	96 MOS	60 MOS	ALL
55-40-00-210-C04-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the RUDDER components: • LT & RT skin -spar cap attachment (rudder I) (SSI 55-40-83)	96 MOS	60 MOS	ALL
55-40-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the RUDDER components: • Ribs - skin attachment (rudder I) (SSI 55-40-84)	96 MOS	60 MOS	ALL
55-40-00-210-C06-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the RUDDER components: • Hinges - rudder I (SSI 55-40-85)	96 MOS	60 MOS	ALL
55-40-00-210-C07-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the RUDDER components: • LT & RT skin -spar cap attachment (rudderII) (SSI 55-40-87)	96 MOS	60 MOS	ALL
55-40-00-210-C08-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the RUDDER components: • Ribs - skin attachment (rudder II) (SSI 55-40-88)	96 MOS	60 MOS	ALL
55-40-00-210-C09-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the RUDDER components: • Hinges - rudder II (SSI 55-40-89)	96 MOS	60 MOS	ALL
55-40-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the RUDDER components: • Front spar - skin attachment (rudder I) (SSI 55-40-81)	96 MOS	60 MOS	ALL
55-40-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the RUDDER components: • Spar - skin attachment (rudder II) (SSI 55-40-86)	96 MOS	60 MOS	ALL
55-40-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the RUDDER components: • Rear spar - skin attachment (rudder I) (SSI 55-40-82)	96 MOS	60 MOS	ALL
55-40-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the RUDDER components: • LT & RT skin -spar cap attachment (rudder I) (SSI 55-40-83)	96 MOS	60 MOS	ALL
55-40-00-220-C07-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the RUDDER components: • Ribs - skin attachment (rudder I) (SSI 55-40-84)	96 MOS	60 MOS	ALL
55-40-00-220-C08-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the RUDDER components: • Hinges - rudder I (SSI 55-40-85)	96 MOS	60 MOS	ALL
55-40-00-220-C09-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the RUDDER components: • LT & RT skin -spar cap attachment (rudder II) (SSI 55-40-87)	96 MOS	60 MOS	ALL



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SECCIÓN 5. PROGRAMA DE PREVENCIÓN Y CONTROL DE LA CORROSIÓN

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55-40-00-220-C10-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the RUDDER components: • Ribs - skin attachment (rudder II) (SSI 55-40-88)	96 MOS	60 MOS	ALL
55-40-00-220-C11-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the RUDDER components: • Hinges - rudder II (SSI 55-40-89)	96 MOS	60 MOS	ALL
57-01-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Wing stub - lower skin - rib 2A attachment (SSI 57-01-15)	-	120 MOS	ALL
57-01-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	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 MOS	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-01-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING STUB components: • Wing stub - lower skin - rib 2A attachment (SSI 57-01-15)	-	120 MOS	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-01-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING STUB components: • Wing stub - upper skin - rib 2A attachment (SSI 57-01-19)	-	60 MOS	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-01-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Wing stub - Spar 2 - brackets ribs 2A attachments (SSI 57-01-17)	-	120 MOS	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-01-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Wing stub - spar 1 - brackets ribs 2A attachments (SSI 57-01-16)	-	120 MOS	ALL
57-01-00-220-C07-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Wing stub - upper skin - rib 2A attachments (SSI 57-01-19)	-	60 MOS	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145XR EMB-145MK EMB-135LR EMB-135KE EMB-135KL
57-10-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING STUB components: • Upper skin - tire compartment composite panel (SSI 57-10-14)	-	120 MOS	ALL
57-10-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING STUB components: • Spar 3 -lower skin attachments (SSI 57-10-09)	-	60 MOS	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
57-10-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Spar 3 -lower skin attachments (SSI 57-10-09)	-	30 MOS	ALL
57-10-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Spar 1 -brackets, ribs 1 and 3 attachments (SSI 57-10-04)	-	60 MOS	ALL
57-10-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Upper skin - rib 1 attachments and spanwise splice of integral panel (SSI 57-10-13)	-	120 MOS	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-10-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING STUB components: • Upper skin - rib 1 attachments and spanwise splice of integral panel (SSI 57-10-13)	-	30 MOS	ALL
57-10-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Spar 3 -lower skin attachments (SSI 57-10-09)	-	15 MOS	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
57-10-00-220-C07-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Spar 3 -center bracket and rib 2 attachments (SSI 57-10-10)	-	60 MOS	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
57-10-00-220-C08-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Upper skin - rib 1 attachments and spanwise splice of integral panel (SSI 57-10-13)	-	30 MOS	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
57-10-00-220-C09-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING STUB components: • Rib 4 -lower flange and web (SSI 57-10-11)	-	60 MOS	ALL
57-10-00-220-C10-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Spar 3 -center bracket and rib 2 attachments (SSI 57-10-10)	-	30 MOS	ALL



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57-10-00-220-C11-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Rib 4 -lower flange and web (SSI 57-10-11)	-	30 MOS	ALL
57-10-00-220-C12-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Rib 2 -Longitudinal stringer-to-web attachments (SSI 57-10-12)	-	30 MOS	ALL
57-10-00-220-C13-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Upper skin - tire compartment composite panel (SSI 57-10-14)	-	30 MOS	ALL
57-10-00-220-C14-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING STUB components: • Spar 2 -center brackets & rib 2 attachments and ribs 1 & 3 web attachments (SSI 57-10-07)	-	60 MOS	ALL
57-10-00-220-C15-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING STUB components: • Spar 3 -lower skin attachments (SSI 57-10-09)	-	30 MOS	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB-135KE EMB-135KL
57-21-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Upper skin/spar attachment (SSI 57-21-37)	72 MOS	30 MOS	ALL
57-21-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	96 MOS	60 MOS	ALL
57-21-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Lower vent hole (SSI 57-21-33)	96 MOS	60 MOS	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	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Upper skin/spar attachment (SSI 57-21-37)	96 MOS	60 MOS	ALL
57-21-00-210-C06-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Lower skin panel chordwise joint (SSI 57-21-29)	-	60 MOS	ALL
57-21-00-210-C07-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Lower skin panel spanwise joint (SSI 57-21-30)	-	60 MOS	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-C08-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Upper skin panel spanwise joint (SSI 57-21-31)	-	60 MOS	ALL
57-21-00-210-C09-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Skin panels (SSI 57-21-26)	96 MOS	60 MOS	ALL
57-21-00-210-C10-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Upper skin/spar stub attachment (SSI 57-21-39)	-	60 MOS	ALL
57-21-00-210-C11-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Skin panels (SSI 57-21-26)	-	120 MOS	ALL
57-21-00-210-C12-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Upper skin panel spanwise joint (SSI 57-21-31)	-	120 MOS	ALL
57-21-00-210-C14-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Lower vent hole (SSI 57-21-33)	-	120 MOS	ALL
57-21-00-210-C15-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Lower skin panel span wise joint (SSI 57-21-30)	-	120 MOS	ALL
57-21-00-210-C16-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Upper skin/spar attachment (SSI 57-21-37)	-	120 MOS	ALL
57-21-00-210-C17-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Lower skin/wing stub attachment (SSI 57-21-38)	-	120 MOS	ALL
57-21-00-210-C18-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Upper skin/wing stub attachment (SSI 57-21-39)	-	30 MOS	ALL
57-21-00-210-C19-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Lower skin panel span wise joint (SSI 57-21-30)	-	60 MOS	ALL



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57-21-00-210-C20-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Upper skin panel span wise joint (SSI 57-21-31)	-	60 MOS	ALL
57-21-00-210-C21-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	96 MOS	60 MOS	ALL
57-21-00-210-C22-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Gravity fuel hole (SSI 57-21-35)	96 MOS	60 MOS	ALL
57-21-00-210-C23-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Lower skin/wing stub attachment (SSI 57-21-38)	-	60 MOS	ALL
57-21-00-210-C24-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Gravity fuel hole (SSI 57-21-35)	-	120 MOS	ALL
57-21-00-210-C25-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Upper skin/spar attachment (SSI 57-21-37)	-	120 MOS	ALL
57-22-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Spar 1, web and stiffeners (SSI 57-22-40)	-	120 MOS	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR
57-23-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Spar 2/wing stub attachments (SSI 57-23-48)	-	60 MOS	ALL
57-23-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING components: • Spar 2, web and stiffeners (SSI 57-23-45)	-	60 MOS	ALL
57-24-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Spar 3, web and stiffeners (SSI 57-24-49)	-	60 MOS	ALL
57-24-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Spar 3, web and stiffeners (SSI 57-24-49)	-	60 MOS	ALL
57-24-00-210-C04-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Spar 3, web cutouts (SSI 57-24-51)	-	60 MOS	ALL
57-24-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Spar 3, web cutouts (SSI 57-24-51)	-	60 MOS	ALL
57-25-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Lower skin/rib attachment (SSI 57-25-54)	96 MOS	60 MOS	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-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Upper skin/rib attachment (SSI 57-25-55)	96 MOS	60 MOS	ALL
57-25-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Ribs, main box (SSI 57-25-53)	-	120 MOS	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	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Lower skin/rib attachment (SSI 57-25-54)	-	120 MOS	ALL
57-25-00-210-C05-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Upper skin/rib attachment (SSI 57-25-55)	-	120 MOS	ALL
57-26-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • FWD & aft side brace fittings – MLG (SSI 57-26-56)	Applicable to aircraft Pre-Mod. SB 145-32-0063.	15 MOS	ALL
57-26-00-220-C01-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • FWD & aft side brace fittings – MLG (SSI 57-26-56)	Applicable to aircraft Post-Mod. SB 145-32-0063.	30 MOS	ALL
57-26-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Lower Bearing Cap (SSI 57-26-94)	Applicable to aircraft Pre-Mod. SB 145-32-0063.	15 MOS	ALL



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57-26-00-220-C02-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Lower Bearing Cap (SSI 57-26-94)	Applicable to aircraft Post-Mod. SB 145-32-0063. NOTE 2: If corrosion is detected on the lower bearing cap internal surface, perform internal inspection on the corresponding upper trunnion bearing surface.	-	30 MOS	ALL
57-26-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Aft upper trunnion (SSI 57-26-95).	Applicable to aircraft Pre-Mod. SB 145-32-0063.	-	15 MOS	ALL
57-26-00-220-C03-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Aft upper trunnion (SSI 57-26-95).	Applicable to aircraft Post-Mod. SB 145-32-0063.	-	60 MOS	ALL
57-26-00-220-C04-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Fwd upper trunnion (SSI 57-26-96).	Applicable to aircraft Pre-Mod. SB 145-32-0063.	-	15 MOS	ALL
57-26-00-220-C04-A01	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Fwd upper trunnion (SSI 57-26-96).	Applicable to aircraft Post-Mod. SB 145-32-0063.	-	60 MOS	ALL
57-28-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)		-	30 MOS	ALL
57-28-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)		48 MOS	30 MOS	ALL
57-28-00-210-C03-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)		96 MOS	60 MOS	ALL
57-28-00-210-C06-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Attachment lugs aileron (SSI 57-28-66)		-	60 MOS	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR
57-28-00-210-C07-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Flap actuator attachment fittings (SSI 57-28-67)		96 MOS	60 MOS	ALL
57-28-00-210-C08-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)		-	60 MOS	ALL
57-28-00-210-C09-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Upper skin, torque box (SSI 57-28-61)		96 MOS	60 MOS	ALL
57-28-00-210-C10-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)		-	120 MOS	ALL
57-28-00-210-C11-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Upper skin, torque box (SSI 57-28-61)		-	120 MOS	ALL
57-28-00-210-C13-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)		-	60 MOS	ALL
57-28-00-210-C14-A00	CORROSION PROGRAM	GVI	CPCP	Internally inspect the WING components: • Tracks/ribs attachment, torque box (SSI 57-28-62)		-	120 MOS	ALL
57-28-00-210-C15-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)		-	30 MOS	ALL
57-28-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING components: • Spar attachment, torque box (SSI 57-28-57)		72 MOS	30 MOS	ALL
57-28-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING components: • Flap track, torque box (SSI 57-28-59)		96 MOS	60 MOS	ALL
57-28-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING components: • Tracks/rib attachment, torque box 3 (SSI 57-28-65)		-	60 MOS	ALL
57-28-00-220-C07-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING components: • Attachment actuator lugs, inboard/outboard spoilers (SSI 57-28-70)		-	60 MOS	ALL
57-28-00-220-C09-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Tracks/rib attachment, torque box 3 (SSI 57-28-65)		-	120 MOS	ALL
57-28-00-220-C11-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Ribs, torque box (SSI 57-28-60)		96 MOS	60 MOS	ALL



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SECCIÓN 5. PROGRAMA DE PREVENCIÓN Y CONTROL DE LA CORROSIÓN

"CORROSION PREVENTION & CONTROL PROGRAM CPCP"

Fecha de Efectividad:
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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
57-28-00-220-C12-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	96 MOS	60 MOS	ALL
57-41-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING LEADING EDGE components: • Wing leading edge 1 skin (SSI 57-41-94)	48 MOS	30 MOS	ALL
57-42-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the WING LEADING EDGE components: • Wing leading edge 2 skin (SSI 57-42-95)	48 MOS	30 MOS	ALL
57-42-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	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 MOS	ALL
57-43-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the LEADING EDGE components: • Wing leading edge 3 skin (SSI 57-43-96)	48 MOS	30 MOS	ALL
57-50-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the FLAP components: • Tracks/rib attachment, flaps(SSI 57-50-77)	96 MOS	60 MOS	ALL
57-50-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the FLAP components: • Tracks, flaps (SSI 57-50-80)	96 MOS	60 MOS	ALL
57-52-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FLAP components: • Pin and actuator lugs, inboard flap (SSI 57-52-75)	96 MOS	60 MOS	ALL
57-52-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Externally inspect the FLAP components: • Fitting tip spar, inboard flap (SSI 57-52-73)	96 MOS	60 MOS	ALL
57-53-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FLAP components: • Pin and actuator lugs, outboard flap (SSI 57-53-84)	96 MOS	60 MOS	ALL
57-53-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FLAP components: • Center ribs attachment, outboard flap (SSI 57-53-87)	96 MOS	60 MOS	ALL
57-61-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the AILERON components: • Hinges attachment, aileron (SSI 57-61-89)	96 MOS	60 MOS	EMB-145EU EMB-145EP EMB-145ER EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-145XR
57-61-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the AILERON components: • Spar cap, aileron (SSI 57-61-91)	96 MOS	60 MOS	ALL
57-70-00-210-C01-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the SPOILER components: • Hinges attachment, spoilers (SSI 57-70-92)	-	60 MOS	ALL
57-70-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the SPOILER components: • Actuator attachment, spoilers (SSI 57-70-93)	-	60 MOS	ALL



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SECCIÓN 6. REQUERIMIENTOS DE INSPECCION POR ZONAS

"ZONAL INSPECTION REQUIREMENTS"

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32-Z711-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES ZONES 711/713/714/113/114/115/116	NLG AND DOORS NOTE: EWIS	-	C	ALL
32-Z721-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES ZONES 721/731/722/732/532/632	MLG AND DOORS NOTE: EWIS	-	C	ALL
52-Z811-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONE 811	MAIN DOOR	-	2C	ALL
52-Z811-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONE 811	MAIN DOOR ACCESS 811AW/BW/CW/DW/EW/FW/GW/HW/J W/KW/LW/MW/NW/PW/QW/RW/SW/T W/UW/VW	-	C	ALL
52-Z811-214-002-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONE 811	MAIN DOOR Only aircraft equipped with side hinged main door model. ACCESS 811AAW/ABW/ACW/ADW/AEW/XW/Y W/ZW	-	C	ALL
52-Z812-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 812/822	ESCAPE HATCH	-	4C	ALL
52-Z812-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 812/822	ESCAPE HATCH ACCESS 812AW 822AW	-	4C	ALL
52-Z813-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONE 813	BAGAGGE DOOR	-	2C	ALL
52-Z813-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONE 813	BAGAGGE DOOR ACCESS 813AW	-	C	ALL
52-Z821-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONE 821	SERVICE DOOR	-	2C	ALL
52-Z821-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONE 821	SERVICE DOOR ACCESS 821AW/ BW/CW	-	C	ALL
53-Z111-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONE 111	RADOME	-	2C	ALL
53-Z111-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONE 111. Access 111.	RADOME	-	2C	ALL
53-Z113-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 113/114	FW FUSELAGE	-	2C	ALL
53-Z113-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 113. Access 113AZ 113BZ 113CZ 113DL 113EL 114AZ 114BZ 114CR.	FW FUSELAGE	-	2C	ALL
53-Z114-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONE 114	ACCESS 114CR NOTE: EWIS	-	2C	ALL
53-Z123-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 123/124	FW FUSELAGE	-	2C	ALL
53-Z123-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 121/122/123/124. Access 123BL, 221AF/BF/CF/DF/EF/FF/GF, 222AF/BF/CF/DF/EF/GF	FW FUSELAGE NOTE: EWIS	-	2C	ALL
53-Z131-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 131/132	CENTER FUSELAGE	-	2C	ALL
53-Z131-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 131/132. Access 231AF 231BF 231CF 231DF 231EF 231FF 231GF 231HF 232AF 232BF 232CF 232DF.	CENTER FUSELAGE NOTE: EWIS	-	C	ALL



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"ZONAL INSPECTION REQUIREMENTS"

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53-Z141-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 141/142.	CENTER FUSELAGE	-	2C	ALL
53-Z141-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 141/142. Access 231GF 231HF 241AF 241BF 241CF 241DF 241EF 242AF 242BF 242CF 242DF 251BF	CENTER FUSELAGE NOTE: EWIS	-	2C	ALL
53-Z151-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection 251AF/BF/CF/DF/EF/FF/GF/HF/252AF/BF/ CF/DF	CENTER FUSELAGE NOTE: EWIS	-	2C	EMB-145EU EMB-145EP EMB- 145ER EMB-135ER
53-Z151-214-002-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 151/152/153/154. Access 251AF 251BF 251CF 251DF 251/EF 251FF 251GF 251HF 252AF 252BF 252DF 252EF.	CENTER FUSELAGE NOTE: EWIS	-	2C	EMB-145LR EMB-145LU EMB- 145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB- 135KE EMB-135KL
53-Z155-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 155/156. Access 155BZ/CZ DZ/EZ/FZ/GZ/KZ/LZ/MZ/NZ/QZ156BZ/CZDZ/EZ/FZ/GZ/KZ/LZ/ MZ/NZ/QZ192AL192BR	CENTER FUSELAGE NOTE: EWIS	-	2C	EMB-145LR EMB-145LU EMB- 145MR EMB-145MP EMB-145MK EMB-145XR EMB-135LR EMB- 135KE EMB-135KL
53-Z155-214-002-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 155/156; ACCESS 155BZ/CZDZ/EZ/FZ/GZ/KZ/LZ/MZ/QZ156BZ/CZDZ/EZ/FZ/GZ/ KZ/LZ/MZ/QZ192AL 192BR	NOTE: EWIS	-	2C	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
53-Z161-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 161/162. Access 251JF/HF 252DF 261AF/BF/ CF/DF 262AF/BF/ CF	CENTER FUSELAGE NOTE: EWIS	-	2C	ALL
53-Z171-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 171/172	REAR FUSELAGE	-	C	ALL
53-Z171-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 171/172. Access 271AF 271BF 271CF 271DF 271EF 271FF 272AF 272BF 272CF 272DR	REAR FUSELAGE NOTE: EWIS	-	C	ALL
53-Z191-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 191	WING TO FUSELAGE ATTACHMENT FAIRING	-	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



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53-Z191-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 191/192/193/194/195	WING TO FUSELAGE ATTACHMENT FAIRING NOTE: EWIS	-	2C	EMB-145LR EMB-145LU EMB-145MR EMB-145MP EMB-145MK EMB-135LR EMB-135KE EMB-135KL
53-Z191-214-002-A00	ZONAL	GVI	-	Internal General Visual Inspection ACCESS 191ZB 192LB 193ABB 194ER 195EL	NOTE: EWIS	-	2C	EMB-145EU EMB-145EP EMB-145ER EMB-135ER
53-Z213-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 213/214	FW FUSELAGE	-	2C	ALL
53-Z213-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 213/214/215/216. Access 113AZ 113BZ 113CZ 114AZ 114BZ	FW FUSELAGE NOTE: EWIS	-	2C	ALL
53-Z223-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 223/224	FW FUSELAGE	-	2C	ALL
53-Z223-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 221/222/223/224. Access 223AZ/BZ/CLW/DLW/ELW/FLW/GZ/HZ/IZ/JLW/KLW/LZ/MZ/NZ /OZ/PZ/QZ/RZ/SZ/TZ/UZ224CRW/DRW/ERW/FRW/GZ/HZ/JR W/KRW/224MZ/NZ	FW FUSELAGE NOTE: EWIS	-	2C	ALL
53-Z225-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 225/226	FW FUSELAGE	-	4C	ALL
53-Z225-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 225/226. Access 225ALC/BLC/CTC, 226ARC, 226BRC.	FW FUSELAGE NOTE: Perform at the opportunity of CPCP task 53-12-00-220-C01-A00 accomplishment.	-	4C	ALL
53-Z231-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 231/232	CENTER FUSELAGE	-	2C	ALL
53-Z231-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 231/232. Access 231ALW 231BLW 231CLW 241ALW 241DLW 242ARW 242BRW 242DRW	CENTER FUSELAGE	-	2C	ALL
53-Z233-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 233/234	CENTER FUSELAGE	-	2C	ALL
53-Z233-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 233/234. Access 233ALC 233BLC 233CLC 234ARC 243ALC	CENTER FUSELAGE	-	4C	ALL
53-Z241-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 241/242	CENTER FUSELAGE	-	4C	ALL
53-Z241-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 241/242. Access 231BLW 231CLW 241ALW/ BLW/CLW/ DLW/ELW 242ARW/ BRW/CRW/ DRW/ERW 251ALW 251ELW 252ARW 252ERW	CENTER FUSELAGE	-	3C	ALL
53-Z243-213-003-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 243/244	CENTER FUSELAGE	-	4C	ALL
53-Z243-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 243/244. Access 243ALC/ BLC/CLC/ DLC 253ALC	CENTER FUSELAGE	-	4C	ALL



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53-Z251-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 251/252		4C	ALL
53-Z251-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 251/252. Access 241CLW 251ALW BLW/CLW/ DLW/ELW/ FLW/GLW 252ARW/ BRW/CRW/ DRW/ERW/ FRW/GRW 261ALW/ CLW 262ARW/ CRW		3C	ALL
53-Z253-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 253/254		4C	ALL
53-Z253-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 253/254. Access 253ALC/ BLC/CLC/ DLC/ELC 263ALC		4C	ALL
53-Z261-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 261/262		4C	ALL
53-Z261-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 261/262. Access 261ALW/BLW/CLW/DLW 262ARW/BRW/CRW/DRW		2C	ALL
53-Z263-213-002-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 263/264		4C	ALL
53-Z263-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 263/264. Access 263ALC/ BLC		4C	ALL
53-Z271-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 271/272		C	ALL
53-Z271-214-002-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 271/272. Access 271ALW/BLW 272ARW/BRW/CRW/DR.		2C	ALL
53-Z273-213-002-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 273/274. Access 322.		4C	ALL
53-Z273-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 273/274. Access 273ATC 273BTC 273CTC.		2C	ALL
53-Z275-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 275/276. Access 272DR.		2C	ALL
53-Z311-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 311/312		2C	ALL
53-Z311-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 311/312. Access 312AR		2C	ALL
53-Z313-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONE 313		C	ALL
53-Z313-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONE 313. Access 313 313AL 313BL 313CL 313DR 313GR 312AR		C	ALL
54-Z414-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 414/424		C	ALL
54-Z414-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 414/424. Access 414AB/BB/CB/DB/EB/FT/GT 424AB 424BB 424CB 424DB 424EB 424FT 424GT.		C	ALL
55-Z321-213-001-A00	ZONAL	GVI	-	External General Visual Inspection		2C	ALL
55-Z321-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection	ACCESS 321; 322; 323; 337AZ; 337BZ; 337CZ	2C	ALL
55-Z324-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 324/325/321/322/323.		2C	ALL



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55-Z324-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 324/325/321/322/323. Access 324AL 324BL 324CL 324DL 324EL 324FR 325AL 325BL 325CL 325DL 325EL 325FL 325FR 325GR 325HR 325JR 325KR 325LR	VERTICAL STABILIZER AND RUDDERS NOTE: EWIS	-	2C	ALL
55-Z326-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONE 326	VERTICAL STABILIZER AND RUDDERS	-	2C	ALL
55-Z326-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONE 326. Access 326AL; 326BL; 326CL; 326DL; 326EL; 326FL; 326GL; 326HL; 327AL; 327BL; 327CL; 27DL; 327ER; 327FR; 327GR; 327HR	VERTICAL STABILIZER AND RUDDERS	-	2C	ALL
55-Z333-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 333/334/331/332	VERTICAL STABILIZER AND RUDDERS	-	2C	ALL
55-Z333-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 333/334/331/332. Access 333AB 333BB 333CB 333DL 334AB 334BB 334CB 334DR	VERTICAL STABILIZER AND RUDDERS	-	2C	ALL
55-Z335-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 335/336	HORIZONTAL STABILIZER AND ELEVATOR	-	2C	ALL
55-Z335-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 335/336. Access 335AB 335BB 335CB 335DB 335EB 335FB 335GB 335HB 336AB 336BB 336CB 336DB 336EB 336FB 336GB 336HB.	HORIZONTAL STABILIZER AND ELEVATOR	-	2C	ALL
57-Z511-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 511/611/512/612/513/613	WING LEADING EDGE	-	C	ALL
57-Z511-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 511/611/512/612/513/613. ACCESS 511 512 513 611 612 613 561 661 191EL 191FR	WING LEADING EDGE NOTE: EWIS	-	2C	ALL
57-Z531-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 531/631	WING	-	2C	ALL
57-Z531-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 531/631. Access 531AB 531BB 531CB 531DB 631AB 631BB 631CB 631DB	WING NOTE: EWIS	-	2C	ALL
57-Z532-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 532/632	WING	-	2C	ALL
57-Z532-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 532/632. Access 532AB 532BB 632AB 632BB.	WING NOTE: EWIS	-	2C	ALL
57-Z541-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 541/641	WING	-	2C	ALL
57-Z541-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 541/641. Access 541AB/BB/CB/DB/EB/FT 541GB 641AB/BB/CB/DB/EB/FT 641GB	WING NOTE: EWIS	-	2C	ALL
57-Z551-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 551/651/561/661	WING	-	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



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SECCIÓN 6. REQUERIMIENTOS DE INSPECCION POR ZONAS

"ZONAL INSPECTION REQUIREMENTS"

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.	
57-Z551-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 551/651/561/661. Access 551AB 551BB/ 551CB 551DB/ 551EB 551FT/ 651AB 651BB/ 651CB 651DB 651EB 651FT 561 661	WING NOTE: EWIS	-	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-Z571-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 571/671/5711/6711/5712/6712/5713/6713	WING TRAILING EDGE	-	2C	ALL
57-Z571-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 571/671/5711/6711/5712/6712/5713/6713. Access 5711 6711 5712 5713 6712 6713 571AB/BB 671AB/BB	WING TRAILING EDGE NOTE: EWIS	-	2C	ALL
57-Z572-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 572/672/5721/6721/5722/6722	WING TRAILING EDGE	-	2C	ALL
57-Z572-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 572/672/5721/6721/5722/6722. Access 5721 5722 6721 6722 572AB/BB 672AB/BB	WING TRAILING EDGE NOTE: EWIS	-	2C	ALL
57-Z573-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 573/673/5731/6731/5732/6732	WING TRAILING EDGE	-	2C	ALL
57-Z573-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 573/673/5731/6731/5732/6732. Access 5731 5732 6731 6732 573AT 673AT	WING TRAILING EDGE NOTE: EWIS	-	2C	ALL
71-Z411-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 411/412/413 AND 421/422/423	POWER PLANT	-	C	ALL
71-Z411-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 411/412/413/415 AND 421/422/423/425. Access 411 412 413 421 422 423	POWER PLANT NOTE: EWIS	-	C	ALL
78-Z416-213-001-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 416/426	Applicable to aircraft WITH thrust reversers installed. THRUST REVERSER MODULE	-	C	ALL
78-Z416-213-001-A01	ZONAL	GVI	-	External General Visual Inspection. ZONES 416/426	NOTE: For aircraft without Thrust Reversers only	-	2C	ALL
78-Z416-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 416/426. Access 416AB/BB/CB/DB/EB/FB/GB/HT/IZ/JT/ KT/LT/MT/NT/PR/QL/RR/SL/TR/UL/VZ /XZ/WZ/YZ 416ZZ 426AB/BB/CB/DB/EB/FB/GB/HT/JT/K T/LT/MT/NT/PR/IZ/QL/RR/SL/TR/UL/V Z/XZ/WZ/YZ 426ZZ	Applicable to aircraft WITH thrust reversers installed. THRUST REVERSER MODULE NOTE: EWIS	-	C	ALL



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SECCIÓN 7. REQUERIMIENTOS DE MANTENIMIENTO POR CERTIFICACION

"CERTIFICATION MAINTENANCE REQUIEREMENTS"

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description		Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
27-25-00-710-001-A00	SYSTEMS	OPC	CMR	Operationally Check Rudder Pedals Auto Shutoff and Rudder Manual Shutoff Functions	Check also Rudder System Auto Shutoff Logical Circuit, Electrical Hardware and related EICAS Messages with both systems ON, then one system at a time. In addition, visually check microswitches. UNDER CTA/FAA CERTIFICATIONS	-	2500 FH	ALL
27-31-05-220-001-A00	SYSTEMS	DVI	CMR	Inspect (Detailed Inspection) Servo Tab Failsafe Actuation Link	UNDER CTA/FAA CERTIFICATIONS	-	5000 FH	ALL
27-62-00-720-001-A00	SYSTEMS	FNC	CMR	Functionally Check G. Spoiler/Speed Brake Valves, Control Circuit and Associated Messages	UNDER CTA/FAA CERTIFICATIONS	-	10000 FH	ALL
30-11-00-720-001-A00	SYSTEMS	FNC	CMR	Functionally Check Pressure Sensors of the Wing Thermal Anti-Icing System (Bench Test)	UNDER CTA/FAA CERTIFICATIONS	-	5000 FH	ALL
30-12-00-720-001-A00	SYSTEMS	FNC	CMR	Functionally Check Pressure Sensors of the Horizontal Stabilizer Thermal Anti-Icing System (Bench Test)	UNDER CTA/FAA CERTIFICATIONS	-	5000 FH	ALL
30-21-00-720-001-A00	SYSTEMS	FNC	CMR	Functionally Check Pressure Sensors of the Engine Thermal Anti-Icing System (Bench Test)	UNDER CTA/FAA CERTIFICATIONS	-	5000 FH	ALL
32-63-00-710-001-A00	SYSTEMS	OPC	CMR	Operationally Check Air/Ground System	UNDER CTA/FAA CERTIFICATIONS	-	500 FH	ALL
78-33-00-710-001-A00	SYSTEMS	OPC	CMR	Operationally Check Air/Ground Input Signal to Thrust Reverser System	Applicable to aircraft WITH thrust reversers installed. UNDER CTA/FAA CERTIFICATIONS	-	1000 FH	ALL
78-33-00-710-002-A00	SYSTEMS	OPC	CMR	Operationally Check Wheel Speed Input Signal to Thrust Reverser System	Applicable to aircraft WITH thrust reversers installed. UNDER CTA/FAA CERTIFICATIONS	-	1000 FH	ALL
78-33-01-710-001-A00	SYSTEMS	OPC	CMR	Operationally Check Isolation Control Unit	UNDER CTA/FAA CERTIFICATIONS	-	1000 FH	ALL
78-34-00-710-001-A00	SYSTEMS	OPC	CMR	Operationally Check Thrust Reverser Indicating System	Applicable to aircraft WITH thrust reversers installed. UNDER CTA/FAA CERTIFICATIONS	-	10000 FH	ALL



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Life Limit Components

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CHAPTER 27 – FLIGHT CONTROLS

DESCRIPCIÓN	NÚMERO DE PARTE	PROVEEDOR	LIMITE DE VIDA	EFFECTIVIDAD
Flap drive Motor Unit	363250-1003 (*)	Bertea Control	15000 FH	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

DESCRIPCIÓN	NOT A	NÚMERO DE PARTE	LIMITE DE VIDA			
			EMB-145			
			EU/EP/ER	MP/MK/MR	LR/LU	XR
Leg strut left	N/P	2309-2006-001	60000 (**)	60000 (**)		
		23-09-2006-501	60000 (**)	60000 (**)		
		2309-3006-503	60000 (**)	60000 (**)		
		2309-2006-601	60000 (**)	60000 (**)		
		2309-2015-001	60000 (**)	60000 (**)		
		2309-2015-601	60000 (**)	60000 (**)		
		2309-3006-501			60000 (**)	
		2309-3006-503			60000 (**)	
		2309-3006-505			60000 (**)	
		2309-3006-601			60000 (**)	
		2309-4006-501				60000 (**)
2309-4006-503				60000 (**)		
Leg strut right	N/P	2309-2006-002	60000 (**)	60000 (**)		
		2309-2006-502	60000 (**)	60000 (**)		
		2309-2006-504	60000 (**)	60000 (**)		
		2309-2006-602	60000 (**)	60000 (**)		
		2309-2015-002	60000 (**)	60000 (**)		
		2309-2015-602	60000 (**)	60000 (**)		



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Life Limit Components

DESCRIPCIÓN	NOT A	NÚMERO DE PARTE	LÍMITE DE VIDA			
			EMB-145			
			EU/EP/ER	MP/MK/MR	LR/LU	XR
Leg strut right (Continued)	N/P	2309-3006-502			60000 (**)	
		2309-3006-504			60000 (**)	
		2309-3006-506			60000 (**)	
		2309-3006-602			60000 (**)	
		2309-4006-502				60000 (**)
		2309-4006-504				60000 (**)
Trunnion axle		2309-2025-001	60000 (**)	60000 (**)		
		2309-3025-001			60000 (**)	60000 (**)
Shock absorber attachment	N/P		60000 (**)	60000 (**)	60000 (**)	60000 (**)
Main side strut attachment	N/P	2309-2032-001	60000 (**)	60000 (**)		
		2309-2032-003	60000 (**)	60000 (**)		
		2309-2032-005	60000 (**)	60000 (**)		
		2309-3032-001			60000 (**)	60000 (**)
		2309-3032-003			60000 (**)	60000 (**)
		2309-3032-005			60000 (**)	60000 (**)
Training arm axle (left)	N/P	2309-2055-001	60000 (**)	60000 (**)		
		2309-2055-003	60000 (**)	60000 (**)		
		2309-3055-001			60000 (**)	60000 (**)
Training arm axle (right)	N/P	2309-2055-002-	60000 (**)	60000 (**)		
		2309-2055-004	60000 (**)	60000 (**)		
		2309-3055-002			60000 (**)	60000 (**)
Training arm	N/P	2309-2009-001	40000 (**)	40000 (**)		
		2309-2009-003	40000 (**)	40000 (**)		
		2309-2009-503	40000 (**)	40000 (**)		
		2309-2009-505	40000 (*)	40000 (*)		
		2309-2009-507	40000 (**)	40000 (**)		
		2309-2009-601	40000 (**)	40000 (**)		
		2309-2009-603	40000 (**)	40000 (**)		
		2309-2009-605	40000 (**)	40000 (**)		
		2309-2009-607	40000 (*)	40000 (*)		



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SECCIÓN 8. COMPONENTES LIMITADOS POR VIDA
Life Limit Components

DESCRIPCIÓN	NOT A	NÚMERO DE PARTE	LIMITE DE VIDA			
			EMB-145			
			EU/EP/ER	MP/MK/MR	LR/LU	XR
		2309-2009-609	40000 (*)	40000 (*)		
		2309-2009-611	40000 (*)	40000 (*)		
		2309-2009-613	40000 (*)	40000 (*)		
		2309-2009-615	40000 (*)	40000 (*)		
		2309-2009-617	40000 (*)	40000 (*)		
		2309-2038-001	40000 (**)	40000 (**)	40000 (**)	
		2309-2038-003	40000 (**)	40000 (**)	40000 (**)	
		2309-2038-005	40000 (**)	40000 (**)		
		2309-2038-007	40000 (*)	40000 (*)		
		2309-2038-601	40000 (**)	40000 (**)		
		2309-2038-603	40000 (**)	40000 (**)		
		2309-2038-605	40000 (*)	40000 (*)		
		2309-2038-607	40000 (*)	40000 (*)		
		2309-2038-609	40000 (*)	40000 (*)		
		2309-2038-611	40000 (*)	40000 (*)		
		2309-2038-613	40000 (*)	40000 (*)		
		2309-3009-501			40000 (**)	
		2309-3009-503			40000 (**)	
		2309-3009-505			40000 (*)	
		2309-3009-507			40000 (*)	
		2309-3009-601			40000 (**)	
		2309-3009-603			40000 (*)	
		2309-3009-605			40000 (*)	
		2309-4009-501				10000 (**)
		2309-4009-503				40000 (*)
		2309-4009-505				40000 (*)
		2309-4009-601				40000 (*)
		2309-4009-603				10000 (**)



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DESCRIPCIÓN	NOT A	NÚMERO DE PARTE	LIMITE DE VIDA			
			EMB-145			
			EU/EP/ER	MP/MK/MR	LR/LU	XR
Wheel axle	N/P	2309-2040-001	60000 (**)	60000 (**)		
		2309-3040-001			60000 (**)	60000 (**)
Pívor	N/P	2309-2050-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
		2309-2050-003	60000 (**)	60000 (**)	60000 (**)	60000 (**)
		2309-2050-601	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Cardan Joint	N/P	2309-2048-001	15760 (**)	15760 (**)	15760 (**)	15760 (**)
		2309-2048-003	35365 (**)	35365 (**)	35365 (**)	35365 (**)
		2309-2048-005	48948 (**)	48948 (**)	48948 (**)	48948 (**)
MLG SHOCK ABSORBER ELEB						
Piston tube	N/P	2309-2058-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Cylinder	N/P	2309-2056-001	60000 (**)	60000 (**)	60000 (**)	
		2309-2056-003	60000 (**)	60000 (**)	60000 (**)	
		2309-2056-005	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Bearing cap	N/P	2309-2066-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
		2309-2082-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
MLG SECONDARY SIDE STRUT ELEB						
Upper secondary side strut	N/P	2309-2609-001	60000 (**)	60000 (**)	60000 (**)	
		2309-2611-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
		2309-2611-003	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Lower secondary side strut	N/P	2309-2603-001	60000 (**)	60000 (**)	60000 (**)	
		2309-2624-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Cardan	N/P	2309-2618-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Sahft (axle)	N/P	2309-2621-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Bolt	N/P	2309-2626-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Pivot pin	N/P	2309-2613-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Spring	N/P	2309-2651-001	20000 (**)	20000 (**)	20000 (**)	
		2309-2651-003	20000 (**)	20000 (**)	20000 (**)	
		2309-2651-005	60000 (**)	60000 (**)	60000 (**)	60000 (**)



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DESCRIPCIÓN	NOT A	NÚMERO DE PARTE	LIMITE DE VIDA			
			EMB-145			
			EU/EP/ER	MP/MK/MR	LR/LU	XR
MLG MAIN SIDE STRUT ELEB						
Upper main side strut	N/P	2309-2503-001	60000 (**)	60000 (**)	60000 (**)	
		2309-2504-001	60000 (**)	60000 (**)	60000 (**)	
		2309-2524-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Lower main side strut	N/P	2309-2511-001	60000 (**)	60000 (**)	60000 (**)	
		2309-2532-001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
		2309-2532-003	60000 (**)	60000 (**)	60000 (**)	60000 (**)
		2309-2532-005	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Shaft	N/P	2309-2515-001	60000 (**)	60000 (**)		
		2309-3515-001			60000 (**)	60000 (**)
Pivot pin	N/P	2309-2516-001	60000 (**)	60000 (**)		
		2309-3516-001			60000 (**)	60000 (**)
NLG LEG STRUT LIEBHER						
Sliding tube	N/P	1170-1401	60000 (**)	60000 (**)	60000 (**)	
		2233-0201				60000 (**)
Wheel axle	N/P	1170-1402	60000 (**)	60000 (**)	60000 (**)	
		1170-1403	60000 (**)	60000 (**)	60000 (**)	
		1170-1431	60000 (**)	60000 (**)	60000 (**)	
		1170-1432	60000 (**)	60000 (**)	60000 (**)	
		1170-1433	60000 (**)	60000 (**)	60000 (**)	
		1170-1434	60000 (**)	60000 (**)	60000 (**)	
		2233-0202				60000 (**)
		2233-0230				60000 (**)
		2233-0231				60000 (**)
Steering cuff	N/P	1170-2301	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Torque link	N/P	1170-0301	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Torque link pin	N/P	1170-0001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Torque link central bolt	N/P	1170-0002	60000 (**)	60000 (**)	60000 (**)	60000 (**)



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DESCRIPCIÓN	NOT A	NÚMERO DE PARTE	LÍMITE DE VIDA			
			EMB-145			
			EU/EP/ER	MP/MK/MR	LR/LU	XR
Main fitting	N/P	1170-1301	20000 (**)	20000 (**)	20000 (**)	
		1170-1302	60000 (**)	60000 (**)	60000 (**)	
		1170-1303	60000 (**)	60000 (**)	60000 (**)	60000 (**)
		1170-1304	60000 (**)	60000 (**)	60000 (**)	
		1170-1305	60000 (**)	60000 (**)	60000 (**)	60000 (**)
		2233-0101	60000 (**)	60000 (**)	60000 (**)	60000 (**)
		2233-0103	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Main drag strut attachment pin	N/P	1170-0070	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Pintle pin	N/P	1170-0032	60000 (**)	60000 (**)	60000 (**)	60000 (**)
NLG MAIN DRAG STRUT LIEBHER						
Main drag strut top stay	N/P	1172-0501	60000 (**)	60000 (**)	60000 (**)	
		1172-0601	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Main drag strut bottom stay	N/P	1172-0201	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Pintle pin	N/P	1172-0007	6000 (**)	6000 (**)	6000 (**)	
		1172-0037	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Hinge point bolt	N/P	1172-0001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
NLG AUXILIARY DRAG STRUT LIEBHER						
Upper aux drag strut	N/P	1173-0201	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Lower aux. drag strut	N/P	1173-0101	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Hinge point bolt	N/P	1173-0001	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Cardan joint attaching parts	N/P	KSL113608V	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Downlock spring	N/P	1173A0300-01	20000 (*)	20000 (*)	20000 (*)	
		1173A0600-01	30901 (**)	30901 (**)	30901 (**)	
		1173A0700-01	60000 (**)	60000 (**)	60000 (**)	60000 (**)
Auxiliary drag strut	N/P	(***)	6000 (***)	6000 (***)	6000 (***)	6000 (***)

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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 the Auxiliary Drag Strut with serial numbers SP010-96, SP011-96, SP012-96 and SP013-96.

CHAPTER 35- OXYGEN

DESCRIPCION	NUMERO DE PARTE	SUPPLIER	LIMITE DE VIDA	EFFECTIVITY
Oxygen Cylinder	176250-50 4441009-050	B/E AEROSPACE	180 MO 180 MO	ALL

CHAPTER 36-PNEUMATIC

DESCRIPCION	NUMERO DE PARTE	SUPPLIER	LIMITE DE VIDA	EFFECTIVITY
Low Pressure Bleed-Air Check Valve	816603-1 816603-2	Hamilton Standard	1600 FH 1600 FH	ALL ALL

CHAPTER 49-APU

DESCRIPCION	NUMERO DE PARTE	SUPPLIER	LIMITE DE VIDA	EFFECTIVITY
Non-Silenced APU C-14(APS 500R)Exhaust duct	145-63730-401 145-63730-601	Embraer	2500 FH 2500 FH	ALL ALL



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SECCIÓN 8. COMPONENTES LIMITADOS POR VIDA
Life Limit Components

Código: **M-PME-01**

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CHAPTER 72- ENGINE

DESCRIPTION	ST Nº	P/N	Rolls-Royce AE3007 Engine Model-Life Limit (FC)	
			A1	A1P
Fan Wheel		23058865	20000	20000
		23061670	19400	19400
Forwar Fan Blade Retainer		23062491	20000	20000
Fan drive shaft		23058320	30000	30000
		23065332	30000	30000
		23074382	30000	30000
HP Compresor wheels	1st	23064901	12500	12500
		23065041	20000	20000
		23084156	30000	30000
	2nd	23050752	20000	20000
		23084157	20000	20000
		23050753	20000	20000
	3rd	23065303	20000	20000
		23084158	20000	20000
		23050754	20000	20000
	4th	23071259	20000	20000
		23084159	20000	20000
		23050735	20000	20000
	5th	23065605	20000	20000
		23071260	20000	20000
		23084160	20000	20000



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DESCRIPTION	ST Nº	P/N	Rolls-Royce AE3007 Engine Model-Life Limit (FC)	
			A1	A1P
HP Compresor wheels Continued	6th	23062666	20000	20000
		23071261	20000	20000
		23071396	20000	20000
		23074717	20000	20000
		23084161	30000	30000
	7th	23062667	20000	20000
		23071262	20000	20000
		23071397	20000	20000
		23074217	20000	20000
		23074719	20000	20000
		23084162	30000	30000
		23084350	30000	30000
	8th	23061628	20000	20000
		23071263	20000	20000
		23074721	20000	20000
		23084163	30000	30000
	9th	23061629	20000	20000
		23071264	20000	20000
		23074722	20000	20000
		23084164	30000	30000
	10th	23061630	20000	20000
		23071265	20000	20000
		23074723	20000	20000
		23084165	30000	30000
	11th	23061631	20000	20000
		23066231	20000	20000
		23074724	20000	20000
		23084166	30000	30000



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DESCRIPTION	ST Nº	P/N	Rolls-Royce AE3007 Engine Model-Life Limit (FC)	
			A1	A1P
HP Compresor wheels Continued	12th	23061632	20000	20000
		23071267	20000	20000
		23074725	20000	20000
		23084167	30000	30000
	13th	23061633	20000	20000
		23071268	20000	20000
		23074213	20000	20000
		23074726	20000	20000
		23084168	30000	30000
	14th	23084283	30000	30000
		23061634	20000	20000
		23071269	20000	20000
		23074214	20000	20000
		23084169	30000	30000
Compresor cone shaft	15th	23084284	30000	30000
		23050728	7500	2400
		23070729	7500	2400
		23073282	20000	7300 NOTE 1' BIS
		23076016	20000	20000
		23076017	7500	2400
HP turbine wheels	1st	23084170	30000	7300 NOTE 1' BIS
		23069115	30000 NOTE 1	30000 NOTE 1
		23069591	30000 NOTE 1 20000 NOTE2	30000 NOTE 1 20000 NOTE 2
		23070664	8400	8400
		23079946	30000	30000



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DESCRIPTION	ST Nº	P/N	Rolls-Royce AE3007 Engine Model-Life Limit (FC)	
			A1	A1P
HP turbine wheels continued	1st	23088784	30000	30000
HP turbine wheels	2nd	23069438	10000 20000 NOTE 3	10000 20000 NOTE 3
		23074462	20000	20000
		23074644	20000	20000
		23075345	30000 20000 NOTE 4	30000 20000 NOTE 4
		23084520	23000	23000
		23084781	20000	20000
1 st -to 2 nd turbine spacer	3rd	23070989	13100	12900
		23072849	13100	12900
		23075364	13100	12900
		23076778	30000	30000
LP turbine wheels	1st	23060111	30000 NOTE 5 20000 NOTE 6	30000 NOTE 5 20000 NOTE 6
		23070355	30000 NOTE 5	30000 NOTE 5
		23073957	30000 NOTE 5 20000 NOTE 6	30000 NOTE 5 20000 NOTE 6
		23074586	30000	30000
		23074587	30000	30000
		23076801	30000	30000
	2nd	23058312	30000 NOTE 5 20000 NOTE 7	30000 NOTE 5 20000 NOTE 7
		23070356	30000 NOTE 5	30000 NOTE 5
		23074270	30000	30000
		23074308	30000	30000
		23074312	30000	30000
		23079220	30000	30000
		23079221	30000	30000

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DESCRIPTION	ST N°	P/N	Rolls-Royce AE3007 Engine Model-Life Limit (FC)	
			A1	A1P
LP turbine wheels continued	3rd	23070046	30000 NOTE 5 20000 NOTE 8	30000 NOTE 5 20000 NOTE 8
		23070357	30000 NOTE 5	30000 NOTE 5
		23079224	30000	30000
LP Turbine interstage spacer	4th	23054049	30000 NOTE 5	30000 NOTE 5
LP Turbine forward shaft	5th	23059694	24000	20000
		23067076	30000	30000
		23074538	30000	30000
		23078229	30000	30000

NOTE: (1) The total in-service history for a life limited part must be reviewed prior to installation. If the engine was upgraded from an AE3007A to an AE 3007A1 or AE 3007 A1P engine you will have to find the cycle life limit. See table 1

NOTE: (1' bis) Accumulated life limit only for cone assemblies processed with the slurry deburr. See table 1' bis


NOTE: (2) Certain HP turbine Stage 1 wheel serial numbers remain at the 20,000 cycle life limit. See Table 2

NOTE: (3) Accumulated Cycle life limit only for wheels in engines that have complied Service Bulletin AE 3007A-72-176 or Service bulletin AE 3007A-72-215, or both

NOTE: (4) Certain HP turbine Stage 2 Wheel serial numbers remain at the 20,000 cycle life limit. See table 3

NOTE: (5) The total in-service history for a life limited part must be reviewed prior to installation. If the engine was upgraded from an AE3007A to an AE 3007A1 or AE 3007 A1P engine you will have to find the cycle life limit. See table 1

NOTE: (6) Certain LP turbine Stage 1 wheel serial numbers remain at the 20, 000 cycle life limit. See table 5

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NOTE: (7) Certain LP turbine Stage 2 wheel serial numbers remain at the 20, 000 cycle life limit. See table 6


NOTE: (8) certain LP turbine Stage 3 wheel serial numbers remain at the 20, 000 cycle life limit. See table 7

TABLE 1 – AE 3007A1 CHAPTER 5 CYCLE LIFE LIMIT AFTER CONVERSION FROM AE3007A

ENGINE CYCLES ACCUMULATED AS AE3007A	NEW CHAPTER AFTER CYLCE LIFE LIMIT
1 - 1000	29500
1001 – 2000	29000
2001 - 3000	28500
3001 - 4000	28000
4001 - 5000	27500
5001 - 6000	27000
6001 - 7000	26500
7001 - 8000	26000
8001 - 9000	25500
9001 - 10000	25000
10000 - 11000	24500
11001 - 12000	24000
12001 - 13000	23500
13001 - 14000	23000
14001 +	20000

TABLE 1' BIS – COMPRESOR SHAFT CONE ASSEMBLIES PROCESSED WITH SLURRY DEBURR

P/N 23070729 or 23076017**(BY ENGINE AE3007A1P)		
AFFECTED SERIAL NUMBERS		
MM78599	MM78652	MM78660
	MM78653	MM78661
MM78615	MM78654	MM78662
	MM78655	MM78663

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MM78632	MM78656	--	
	MM78657	MM78665 and up	
MM78650	MM78658		
MM78651	MM78659		

(**) The double asterisk indicates the serial number may be associated with either part number.

TABLE 2 – HP Turbine Stage 1 Wheel Serial

P/N 23069591 (BY ENGINE AE3007A AND AE3007A1P)			
AFFECTED SERIAL NUMBERS			
MM119837	MM143107	MM500591	MM500958
MM142683	MM143255	MM500647	MM500962
MM142812	MM143272	MM500665	MM504103
MM142819	MM143309	MM500685	MM504105
MM142827	MM182400	MM500724	MM504108
MM142843	MM182632	MM500807	MM504155
MM142870	MM182653	MM500835	MM504182
MM142873	MM182691	MM500890	MM504185
MM142944	MM182734	MM500924	MM504194
MM142956	MM182761	MM500937	MM504230
MM142969	MM182803	MM500944	MM504444
MM142977	MM182811	MM500948	MM504589
MM142991	MM182842	MM500950	MM507799
MM142993	MM183020	MM500955	
MM143087	MM500563	MM500957	


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TABLE 3 – HP Turbine Stage 2 Wheel Serial Numbers Remaining at a 20, 00 Cycle Life Limit

P/N 23075345 (BY ENGINE AE3007A AND AE3007A1P)	
AFFECTED SERIAL NUMBERS	
MM504926	MM508446

TABLE 4 - AE 3007A1 CHAPTER 5 CYCLE LIFE LIMIT AFTER CONVERSION FROM AE3007A

ENGEIN CYLCES ACCUMULATED AS AE3007A	NEW CHAPTER AFTER CYLCE LIFE LIMIT
1 - 1000	29500
1001 – 2000	29000
2001 - 3000	28500
3001 - 4000	28000
4001 - 5000	27500
5001 - 6000	27000
6001 - 7000	26500
7001 - 8000	26000
8001 - 9000	25500
9001 - 10000	25000
10000 - 11000	24500
11001 - 12000	24000
12001 - 13000	23500
13001 - 14000	23000
14001 +	20000


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TABLE 5 – LP Turbine Stage 1 Wheel Serial Numbers Remaining at a 20, 000 Cycle Life Limit


(BY ENGINE AE3007A AND AE3007A1P)				
P/N 23060111				P/N 23073957
AFFECTED SERIAL NUMBERS				AFFECTED SERIAL NUMBERS
GX51818	WD76521	WY45737	WY46592	WD245173
GX51820	WD89206	WY45739	WY46594	
WD53865	WD131885	WY45744	WY46596	
WD53867	WD209960	WY45746	WY46827	
WD53867	WY13069	WY45747	WY46833	
WD53874	WY13102	WY45749		
WD62757	WY45724	WY45758		
WD62761	WY45735	WY46589		

TABLE 5 – LP Turbine Stage 2 Wheel Serial numbers remaining at a 20, 000 cycle life limit

P/N 23058312 (BY ENGINE AE3007A AND AE3007A1P)			
AFFECTED SERIAL NUMBERS			
WD212941	WD76723	WY46843	
WD212953	WY45630	WY46859	
WD53644	WY45652		

TABLE 6 – LP Turbine Stage # Wheel Serial numbers remaining at a 20, 00 Cycle limit

P/N 23070046 (BY ENGINE AE3007A AND AE3007A1P)				
AFFECTED SERIAL NUMBERS				
WD188051	WD80520	WD80563	WY13880	WY13924

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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
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	TY2039-05B629-	LUCAS	60,250 TRC	ALL
Pivot Door Actuator	TY2039-05B-7	LUCAS	60,250 TRC	ALL
Pivot Door Actuator	TY2039-10A	LUCAS	15,000 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	60,250 TRC	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.



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SECCIÓN 9. REQUERIMIENTOS DE MANTENIMIENTO CATEGORIA II

"CATEGORY II MAINTENANCE REQUIEREMENTS"

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22-11-00-720-003-A00	SYSTEMS	FNC	CAT II	Functionally Check Category II monitoring function	Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	A8	800 FH	ALL
30-41-00-710-001-A00	SYSTEMS	OPC	CAT II	Operationally Check Windshield Wiper	Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	A8	C	ALL
30-42-00-710-001-A00	SYSTEMS	OPC	CAT II	Operationally Check Windshield Heating	Recommended Task prior to the Winter (October) in stead of "C CHECK" and Maint. Program requirement for Cat. II Operation	3	C	ALL
34-01-00-720-001-A00	SYSTEMS	FNC	CAT II	Functionally Check Integrated Standby Instrument System - ISIS	Or according to Local Authorities requirements. ISIS configurated aircraft only and Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	3	C	ALL
34-11-00-720-001-A00	SYSTEMS	FNC	CAT II	Functionally Check Standby Altimeter Indicator	Or according to Local Authorities requirements. Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	3	C	ALL
34-12-00-720-001-A00	SYSTEMS	FNC	CAT II	Functionally Check Standby Airspeed Indicator	Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	A8	C	ALL
34-13-00-790-001-A00	SYSTEMS	FNC	CAT II	Functionally Check Pitot-Static System for Leakage	Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	3	C	ALL
34-15-00-720-001-A00	SYSTEMS	FNC	CAT II	Functionally Check ADC system	Or 24 MOS, whichever occurs first. Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified) NOTE: Interval in accordance with MRB section 3	3	C	ALL
34-24-00-710-001-A00	SYSTEMS	OPC	CAT II	Operationally Check Standby Attitude Indicator.	Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	A8	C	ALL
34-41-00-710-001-A00	SYSTEMS	OPC	CAT II	Operationally Check GPWS/Windshear	Maintenance Program Requirement for Cat. II Operation	-	C	ALL



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SECCIÓN 9. REQUERIMIENTOS DE MANTENIMIENTO CATEGORIA II

"CATEGORY II MAINTENANCE REQUIEREMENTS"

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.	
34-41-00-710-003-A00	SYSTEMS	OPC	CAT II	Operationally Check EGPWS / Windshear	Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	3	C	ALL



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SECCIÓN 10. REDUCCION DEL LIMITE SE SEPARACION VERTICAL

"REDUCE VERTICAL SEPARATION MINIMUM (RVSM)"

Fecha de Efectividad:
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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description		Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
22-11-00-720-004-A00	SYSTEMS	FNC	RVS M	Functionally Check AFCS Altitude Hold Mode and Altitude Pre-Select Mode.			4000 FH	ALL
34-13-04-280-001-A00	SYSTEMS	SDI	RVS M	Inspect (Special Inspection) RVSM Critical Region (Skin) for Waviness. (aircraft identified in and have not accomplished SB 145-34-0110).	Maintenance Program Requirement for RVSM Operation	-	24 MOS	ALL
34-13-04-280-001-A01	SYSTEMS	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	SYSTEMS	SDI	RVS M	Inspect (Special Inspection) Static Port Surrounding Plate for Flushness and Integrity. Flushness and Integrity (aircraft identified in And have not accomplished SB 145-34-0110)	Maintenance Program Requirement for RVSM Operation	-	24 MOS	ALL
34-13-04-280-002-A01	SYSTEMS	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	SYSTEMS	SDI	RVS M	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).		-	24MOS	ALL
34-13-04-280-003-A01	SYSTEMS	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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SECCIÓN 11. LIMITACIONES DEL SISTEMA DE COMBUSTIBLE

"FUEL SYSTEM LIMITATIONS"

Fecha de Efectividad:
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28-11-00-720-001-A00	SYSTEMS	FNC		Functionally Check critical bonding integrity of selected conduits inside the wing tank, Fuel pump and FQIS connectors at tank wall by conductivity measurements.	Comply BAD 2007-08-02 AND AD 2008-13-14	-	30000 FH	ALL
28-21-01-220-001-A00	SYSTEMS	DET	AD	Inspect Electric Fuel Pump Connector	Applicable to all Aerolitoral ERJ145 fleet Comply BAD 2000-08-01R3 and AD 2005-13-22 Comply BAD 2007-08-02 AND AD 2008-13-14	-	8000 FH	ALL
28-23-03-220-001-A00	SYSTEMS	DET		Inspect Pilot Valve Harness inside the conduit	Comply BAD 2007-08-02 AND AD 2008-13-14	-	20000 FH	ALL
28-23-04-220-001-A00	SYSTEMS	DET		Inspect Vent Valve Harness inside the conduit	Comply BAD 2007-08-02 AND AD 2008-13-14	-	20000 FH	ALL
28-41-01-720-001-A00	SYSTEMS	FNC		Functionally Check Fuel Conditioning (FCU)	Comply BAD 2007-08-02 AND AD 2008-13-14	-	10000 FH	ALL
28-41-03-220-001-A00	SYSTEMS	DET		Inspect FQIS harness for clamp and wire jacket integrity	Comply BAD 2007-08-02 AND AD 2008-13-14	-	20000 FH	ALL



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SECCIÓN 12. TAREAS RECOMENDADAS

"RECOMENDED MAINTENANCE TASKS"

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description		Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
12-15-01-610-001-A00	SYSTEMS	SVC	REC	Toilet Water Servicing		-	100 FH / 14 DY	ALL
12-15-02-610-001-A00	SYSTEMS	SVC	REC	Sterilize Water Reservoir		-	C	ALL
21-23-05-710-001-A00	SYSTEMS	OPC		Operationally Check Toilet Gasper Hose Filter (if installed).	(*)Initial inspection since new, "C" check.	-	5A (*)	ALL
21-25-01-211-001-A00	SYSTEMS	VCK	REC	Visually Check Ram Air Flap Valve		-	2A	ALL
21-51-02-170-002-A00	SYSTEMS	RST	REC	Clean Dual Heat Exchanger on the Aircraft.		-	3A	ALL
21-51-13-211-001-A00	SYSTEMS	VCK	REC	Visually Check Water Spray Nozzles		-	A	ALL
21-60-08-960-001-A00	SYSTEMS	DIS	REC	Replace Torque Motor Dual Valve Air Filter Element	Only to aircraft Post-Mod SB 145-21-0039. TMDV P/N: C143123-4 ONLY	-	C	ALL
23-12-04-212-001-A00	SYSTEMS	GVI	REC	Visual Inspection of the VHF Antenna for cracks		-	C	ALL
23-31-00-710-002-A00	SYSTEMS	OPC	REC	Operationally Check Back-up/Emergency Cabin Interphone System		-	C	ALL
23-31-00-710-003-A00	SYSTEMS	OPC	REC	Operationally Check Loudspeakers		-	C	ALL
23-51-00-710-002-A00	SYSTEMS	OPC	REC	Audio System Operational Test.		-	C	ALL
24-34-01-900-002-A00	SYSTEMS	RST	REC	Restore APU Starter Generator		-	800 AH	ALL
25-11-01-140-001-A00	SYSTEMS	SVC	REC	Cleaning and Lubrication of Locking Pins of the Pilot and Copilot Seats		-	A	ALL
25-40-01-220-001-A00	SYSTEMS	DET	AD	Inspect (Detailed Inspection) Lavatory Waste Disposal Door	Inspect and correct all defects found on all lavatory paper and linen waste receptacle enclosure access doors and disposal doors for proper operation, fit, sealing, and latching for the containment of possible trash fires. COMPLY AD 74-08-09 R2 paragraph e)1 & e)2	-	A	ALL
29-10-00-280-001-A00	SYSTEMS	SDI	REC	Check Hydraulic Fluid (Analysis)	Send to Laboratory for Analysis	-	C	ALL
30-44-04-720-001-A00	SYSTEMS	FNC	REC	Functionally Check Rain Repellent Coating (RRC)	If installed	-	A	ALL
32-10-07-212-001-A00	SYSTEMS	GVI	REC	Inspect (Visual Inspection) the Main Landing Gear Doors Polyurethane Film for integrity. NOTE: Zones 722 and 732.		-	5A	ALL
32-20-07-212-001-A00	SYSTEMS	GVI	REC	Inspect (Visual Inspection) the Nose Landing Gear Doors Polyurethane Film for integrity. NOTE: Zones 713 and 714.		-	5A	ALL
33-11-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Cockpit Lights		-	C	ALL
33-12-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Instrument and Control Panel Lighting		-	C	ALL
33-15-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Flood/Storm Lights		-	C	ALL
33-21-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Passenger Cabin Lights		-	C	ALL
33-23-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Passenger Warning Signs		-	C	ALL
33-25-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Reading and Attendant Call Lights		-	C	ALL
33-26-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Courtesy/Stair Lights		-	C	ALL



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SECCIÓN 12. TAREAS RECOMENDADAS

"RECOMENDED MAINTENANCE TASKS"

Fecha de Efectividad:
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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
33-28-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Lavatory Lights	-	C	ALL
33-29-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Galley Lights	-	C	ALL
33-30-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Baggage and Service Compartments	-	C	ALL
33-41-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Landing Lights	-	C	ALL
33-42-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Taxi Lights	-	C	ALL
33-43-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Navigation Lights	-	C	ALL
33-44-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Inspection Lights	-	C	ALL
33-46-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Logotype Lights	-	C	ALL
33-47-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Anti-collision Lights	-	C	ALL
35-10-00-910-001-A00	SYSTEMS	FNC	REC	Leak Test Crew Oxygen System Lines	-	36 MOS	ALL
					Together with Task 35-10-07-720-001-A00 and 35-10-07-720-002-A00		
38-30-00-610-001-A00	SYSTEMS	SVC	REC	Toilet Waste Bowl Servicing	-	100 FH / 14 DY	ALL
45-45-00-970-001-A00	SYSTEMS	DRC	REC	CMC DATA - MFD Downloading	-	100 FH / 14 DY	ALL
52-14-01-220-001-A00	SYSTEMS	DVI	REC	Inspect (Detailed Inspection) Main Door Drain Valves for Obstruction or Damage	-	C	ALL
52-31-00-710-001-A00	SYSTEMS	OPC	REC	Operational Check Baggage Door Actuating and Locking Mechanism	-	5A	ALL
53-04-02-212-001-A00	SYSTEMS	GVI	REC	Inspect (Visual Inspection) the Naca-Air-Intake at Forward Wing-To- Fuselage Fairing Polyurethane Film for Integrity. NOTE: Zone 191.	-	5A	ALL
53-11-01-220-001-A00	SYSTEMS	DVI	REC	Inspect (Detailed Inspection) the Presence of Water on the Radome	-	C	ALL
53-11-05-212-001-A00	SYSTEMS	GVI	REC	Inspect (Visual Inspection) the Radome Polyurethane Film	-	A	ALL
53-11-06-212-001-A00	SYSTEMS	GVI	REC	Inspect (Visual Inspection) the Naca-Air-Intake at Forward Wing-To- Fuselage Fairing Polyurethane Film for Integrity. NOTE: Zones 113 and 114.	-	5A	ALL
55-10-00-212-001-A00	SYSTEMS	GVI	REC	Inspect (Visual Inspection) the Horizontal Stabilizer Leading-Edge Root-Fairing and Horizontal Stabilizer-Tip Polyurethane Film for Integrity. NOTE: Zones 333 and 334.	-	5A	ALL
55-30-00-212-001-A00	SYSTEMS	GVI	REC	Inspect (Visual Inspection) the Vertical Stabilizer Leading-Edge Polyurethane Film for integrity. NOTE: Zone 323.	-	5A	ALL
56-10-01-720-001-A00	SYSTEMS	FNC	REC	Functionally Check Torque of Windshield Attaching Bolts	-	5A	ALL
					Pre SB 145-56-0006		
56-10-01-720-001-A01	SYSTEMS	FNC	REC	Functionally Check Torque of Windshield Attaching Bolts	-	2C	ALL
					Post SB 145-56-0006.		
56-10-01-720-002-A00	SYSTEMS	FNC	REC	Functionally Check Windshield Anti-Static Coating for Continuity	-	2C	ALL
56-20-01-220-001-A00	SYSTEMS	DVI	REC	Inspect (Detailed Inspection) Passenger Cabin Windows for Delamination	-	C	ALL



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57-43-00-212-001-A00	SYSTEMS	GVI	REC	Inspection (Visual Inspect) the Wing-Tip Polyurethane Film for Integrity. NOTE: Zones 561 and 661.	-	5A	ALL
76-12-01-212-001-A00	SYSTEMS	GVI	REC	Inspect (Visual Inspection) Resolve Attachments to the Thrust Levers	-	2C	ALL



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SECCIÓN 13.TAREAS DE COMPONENTES REEMPLAZO MANTENIMIENTO LINEA

Fecha de Efectividad:
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"COMPONENT TASKS REPLACES BY LINE MAINTENANCE"

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21-51-02-170-001-A00	SYSTEMS	RST	6	Clean Dual Heat Exchanger and Visually Check condition of core		-	C	ALL
21-60-08-960-001-A00	SYSTEMS	DIS	REC	Replace Torque Motor Dual Valve Air Filter Element	Only to aircraft Post-Mod SB 145-21-0039. TMDV P/N: C143123-4 ONLY (Not applicable 795,798,803,852, 861)	-	C	ALL
23-71-02-710-001-A00	SYSTEMS	OPC	9	Operationally Check CVR Underwater Locator Beacon		-	24 MOS	ALL
23-71-02-960-001-A00	SYSTEMS	DIS	9	Discard CVR Underwater Locator Beacon Battery	ULB battery change in accordance with manufacturer's dataplate expiration date	-	72 MOS	ALL
24-31-01-900-001-A01	SYSTEMS	RST	7	Restore Main Generator	Applicable to P/N: 30086-011 ONLY	-	4000 FH	ALL
24-34-01-900-002-A00	SYSTEMS	RST	REC	Restore APU Starter Generator		-	800 AH	ALL
24-34-01-960-001-A00	SYSTEMS	DIS	7	Discard APU Starter/Generator Brushes		-	800 AH	ALL
24-35-01-900-001-A00	SYSTEMS	RST	8	Restore Back-up Battery	Interval according to manufacturer's recommendation.	-	12 MOS	ALL
24-36-01-610-001-A00	SYSTEMS	SVC	6	Service Main Battery	MARATHON N/P: 32248-001 ONLY	-	500 FH	ALL
24-36-01-610-001-A02	SYSTEMS	SVC	6	Service Main Battery	MARATHON M3 N/P: 32845-001 ONLY	-	2000 FH	ALL
24-36-01-720-001-A00	SYSTEMS	FNC	6	Functionally Check Main Battery	SAFT N/P: 442CH1 ONLY	-	1000 FH	ALL
24-36-01-900-001-A00	SYSTEMS	RST	8	Restore Main Battery	SAFT N/P: 442CH1 ONLY	-	12 MOS	ALL
25-61-00-212-001-A00	SYSTEMS	GVI	8	Inspect (General Visual) Emergency Locator Transmitter for Condition, Expiration Date of Battery, Proper Installation, Battery Corrosion and Leakage	Or according to Local Authorities' requirements.Follow manufacturer's recommendation.	-	12 MOS	ALL
25-61-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Emergency Locator Transmitter System- Proper Operation- Crash Switch Operation	Or according to Local Authorities' requirements. Follow manufacturer's recommendation.	-	12 MOS	ALL
25-61-04-960-001-A00	SYSTEMS	DIS	8	Replace ELT battery ARTEX P/N: 452-0130	(*) ELT Battery change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements .	-	26 MOS	ALL
25-61-04-960-001-A01	SYSTEMS	DIS	8	Replace ELT battery SOCATA P/N: ELT90A2560102000	(*) ELT Battery change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements	-	48 MOS	ALL
25-61-04-960-001-A02	SYSTEMS	DIS	8	Replace ELT battery ARTEX P/N 452-0133 and L94	ELT battery change in accordance with manufacturer data plate expiration date or Local Regulatory Authority Requirements.	-	60 MO	ALL
26-15-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check JAMCO Baggage Compartment Smoke Detection System (actuating each smoke sensor in the baggage compartment with a smoke tester)		-	A / 3 MOS	ALL
26-15-01-212-001-A00	SYSTEMS	VCK	8	Visually Check WALTER KIDDE Baggage Compartment Smoke Detection System Maintenance LED		-	4A	ALL
26-15-01-960-001-A00	SYSTEMS	DIS	8	Discard JAMCO Baggage Compartment Smoke Detector		-	180 MOS	ALL
26-21-02-280-001-A00	SYSTEMS	SDI	9	Inspect Engine Fire Extinguishing Bottle for Weight and Check Bottle Pressure	Or according to Local Authorities Requirements.	-	12 MOS	ALL
26-21-02-720-001-A00	SYSTEMS	FNC	9	Perform Hydrostatic Check of the Engine Fire Extinguishing Bottle		-	60 MOS	ALL
26-21-03-720-001-A00	SYSTEMS	FNC	9	Functionally Check Engine Fire Extinguishing Bottle Pressure Switch	As per the manufacturer's recommendation, Check at each bottle Hydrostatic Test (60MOS).	-	60 MOS	ALL
26-21-04-960-001-A00	SYSTEMS	DIS	9	Discard Engine Fire Extinguishing Bottle Cartridges	108 months from date of manufacture or 72 months from date of installation whichever occurs first	-	72 MOS	ALL
26-22-01-280-001-A00	SYSTEMS	SDI	9	Inspect APU Fire Extinguishing Bottle for Weight and Check Bottle Pressure	Or according to Local Authorities Requirements.	-	12 MOS	ALL



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SECCIÓN 13.TAREAS DE COMPONENTES REEMPLAZO MANTENIMIENTO LINEA

Fecha de Efectividad:
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"COMPONENT TASKS REPLACES BY LINE MAINTENANCE"

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26-22-01-720-001-A00	SYSTEMS	FNC	9	Perform Hydrostatic Check of APU Fire Extinguishing Bottle		-	60 MOS	ALL
26-22-02-720-001-A00	SYSTEMS	FNC	9	Functionally Check APU Fire Extinguishing Bottle Pressure Switch	As per the manufacturer's recommendation, Check at each bottle Hydrostatic Test (60MOS).	-	60 MOS	ALL
26-22-03-960-001-A00	SYSTEMS	DIS	9	Discard APU Fire Extinguishing Bottle Cartridges	108 months from date of manufacture or 72 months from date of installation whichever occurs first	-	72 MOS	ALL
26-23-01-280-001-A00	SYSTEMS	SDI	6	Inspect Baggage Compartment Fire Extinguishing Bottles (high rate and metering) for weight.	Class "C" Baggage Compartment only Perform an Hydrostatic Test at each 60 MOS (Applicable All Aerolitoral ERJ-145 Fleet)	-	12 MOS	ALL
26-23-01-720-001-A00	SYSTEMS	FNC	6	Perform Hydrostatic Check of Baggage Fire Extinguishing Bottles (HIGH RATE & METERING)		-	60 MOS	ALL
26-23-02-960-001-A00	SYSTEMS	DIS	6	Discard Baggage Fire Extinguishing Bottles (high rate and metering) Cartridges	Class "C" Baggage compartment only 180 months from date of manufacture (DOM) or 120 from date of installation, whichever occurs first. (applicable All Aerolitoral ERJ-145 Fleet)	-	120 MOS	ALL
26-24-00-280-001-A00	SYSTEMS	SDI	9	Inspect Portable Fire Extinguishing Bottle for Weight (See placard attached to the bottle.)	Or according to Local Authorities Requirements. Interval follows manufacturer's recommendation.	-	12 MOS	ALL
26-24-01-720-001-A00	SYSTEMS	FNC	8	Perform Hydrostatic Check of portable Fire Extinguishing Bottles (WETTING Agent Only) P/N 892480	(WETTING Agent Only) Or in accordance with Local Regulatory Authority Requirements (Not applicable All Aerolitoral ERJ145 fleet)	-	60 MOS	ALL
26-24-01-720-001-A01	SYSTEMS	FNC	8	Perform Hydrostatic Check of portable Fire Extinguishing Bottles (HALON Agent Only) P/N 100-9750, 466090, 898052, A352 Series and C352	(HALON Agent Only) Or in accordance with Local Regulatory Authority Requirements (Applicable All Aerolitoral ERJ-145 Fleet)	-	144 MOS	ALL
26-25-01-280-001-A00	SYSTEMS	SDI	6	Inspect Lavatory Fire Extinguisher Bottle for Weight			12 MO	ALL
28-41-01-720-001-A00	SYSTEMS	FNC		Functionally Check Fuel Conditioning (FCU)	Comply BAD 2007-08-02 AND AD 2008-13-14	-	10000 FH	ALL
29-10-04-900-001-A00	SYSTEMS	DIS	7	Replace EMDP Brushes		-	6000 FH	ALL
31-31-00-710-001-A00	SYSTEMS	DRC	9	FDR Data-Personal computer Downloading		-	12 MOS	ALL
31-31-02-710-001-A00	SYSTEMS	OPC	9	Operationally Check FDR Underwater Locator Beacon		-	24 MOS	ALL
31-31-02-960-001-A00	SYSTEMS	DIS	9	Discard FDR Underwater Locator Beacon Battery	ULB Battery Change in accordance with manufacturer data plate expiration date	-	72 MOS	ALL
32-10-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the MAIN LANDING GEAR components: • Trailing arm MLG (SSI 32-10-03)		-	5000 FC	ALL
32-10-02-610-001-A00	SYSTEMS	SVC	9	Service MLG Shock Absorber	5A Or 15 MOS, whichever occurs first.	-	5A / 15 MOS	ALL
32-20-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Strut (main fitting) - NLG (SSI 32-20-12)		-	5000 FC	ALL
32-20-00-210-802-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Auxiliary Drag Strut Bottom stay (SSI 32-20-16)		-	5000 FC	ALL
32-20-00-210-803-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Main Drag Strut Top stay - NLG (SSI 32-20-13)		-	5000 FC	ALL
32-20-00-210-804-A00	STRUCTURAL	GVI	-	Externally inspect the NOSE LANDING GEAR components: • Auxiliary Drag Strut Top stay (SSI 32-20-15)		-	5000 FC	ALL
32-20-01-610-001-A00	SYSTEMS	SVC	9	Service NLG Shock Absorber	5A Or 15 MOS, whichever occurs first.	-	5A / 15 MOS	ALL
32-20-01-720-001-A00	SYSTEMS	FNC	8	Functionally Check NLG Leg for Centering Cam Play	20000 FC Or 144 MOS, whichever occurs first. Perform the check at the time of NLG Restoration.	-	144 MOS	ALL



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"COMPONENT TASKS REPLACES BY LINE MAINTENANCE"

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34-11-00-720-001-A00	SYSTEMS	FNC	CAT II	Functionally Check Standby Altimeter Indicator	Or according to Local Authorities requirements. Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	3	C	ALL
34-25-00-720-001-A00	SYSTEMS	FNC	6	Functionally Check Standby Compass for proper compensation	Or according to Local Authorities requirements.	-	24 MOS	ALL
34-52-00-720-001-A00	SYSTEMS	FNC	6	Functionally Check Transponder System	Or according to Local Authorities	-	24 MOS	ALL
35-10-00-910-001-A00	SYSTEMS	FNC	REC	Leak Test Crew Oxygen System Lines	Together with Task 35-10-07-720-001-A00 and 35-10-07-720-002-A00	-	36 MOS	ALL
35-10-07-720-001-A00	SYSTEMS	FNC	8	Functionally Check Crew Oxygen Cylinder Pressure Regulator NOTE: At the time of Cyl. Hydrostatic Test.	At the time of Cylinder Hydrostatic Test.	-	36 MOS	ALL
35-10-07-720-002-A00	SYSTEMS	FNC	9	Functionally Check (Hydrostatic Test) Crew Oxygen Cylinder	Or according to Local Authorities requirements.	-	36 MOS	ALL
35-20-01-960-001-A00	SYSTEMS	DIS	8	Replace/Discard Chemical Oxygen Generator	Aircraft Equipped with Chemical Oxygen System Only.	-	180 MOS	ALL
35-30-01-720-001-A00	SYSTEMS	FNC	9	Functionally Check Portable Oxygen Cylinder Pressure Regulator NOTE: At the time of Cylinder Hydrostatic Test.	At the time of Cylinder Hydrostatic Test.	-	60 MOS	ALL
35-30-01-720-002-A00	SYSTEMS	FNC	9	Functionally Check (Hydrostatic Test) Portable Oxygen Cylinder	Or according to Local Authorities' requirements.	-	60 MOS	ALL
35-30-03-960-001-A00	SYSTEMS	DIS	8	Discard Protective Breathing Equipment PN MR10042N, 15-40F-11, 15-40F-10, 15-40F and E28180-10		-	120 MOS	ALL
36-10-01-130-001-A00	SYSTEMS	RST	6	Clean Crossbleed Valve Filter by Ultrasonic Method		-	C	ALL
36-11-01-220-001-A00	SYSTEMS	DVI	6	Inspect (Detailed Inspection) Engine Low Pressure Bleed Air Check Valve. P/N 816603-3	P/N 816603-3 ONLY	-	C	ALL
36-11-02-130-001-A00	SYSTEMS	RST	9	Clean High-Stage Valve Filter by Ultrasonic Method		-	C	ALL
36-11-03-130-001-A00	SYSTEMS	RST	6	Clean Fan Air Valve Filter by Ultrasonic Method		-	C	ALL
36-11-04-110-001-A00	SYSTEMS	RST	6	Clean Pre-Cooler by Chemical Method		-	6000 FH	ALL
36-11-05-130-001-A00	SYSTEMS	RST	6	Clean Engine Bleed Valve Filter by Ultrasonic Method	PRE SB 145-36-0028	-	C	ALL
49-17-00-160-001-A00	SYSTEMS	RST	9	Clean APU Drains Post-Mod SB 145-49-0029		-	C	ALL
49-31-00-710-001-A01	SYSTEMS	OPC	9	Perform a Check of the FADEC BITE display for fault messages	Applicable for APU MODEL T-62T-40C14 (APS500R).	-	400 AH	ALL
49-31-04-960-001-A00	SYSTEMS	DIS	9	Replace/Discard Inlet Fuel Filter.	Discard Inlet Fuel Filter APU Model T-62T-40C11 (APS 500)only	-	800 AH	ALL
49-31-04-960-001-A01	SYSTEMS	DIS	9	Replace/Discard APS 500R Inlet Fuel Filter	Applicable for APU MODEL T-62T-40C14 (APS500R).	-	1200 AH	ALL
49-41-03-220-001-A00	SYSTEMS	DVI	6	Inspect (Detailed Inspection) Igniter Plug Ref a 49-44-03-200-801-A	According to Manufacturer's recommendation.	-	1200 AH	ALL
49-91-00-610-001-A00	SYSTEMS	SVC	6	Check Oil Level and Service Oil System as required Ref a 49-96-00-200-801-A	According to manufacturer's recommendation.	-	400 AH	ALL
49-91-00-680-001-A00	SYSTEMS	SVC	9	Drain and Replace Oil Supply Ref a 49-96-00-600-801-A	According to manufacturer's recommendation.	-	2000 AH	ALL
49-91-01-960-001-A00	SYSTEMS	DIS	9	Replace/Discard Oil Filter Element Ref a 49-96-01-960-801-A	According to manufacturer's recommendation.	-	2000 AH	ALL
71-20-00-220-001-A00	SYSTEMS	DVI	8	Inspect (Detailed Inspection) Engine Elastomeric Mounts		-	C	ALL
72-00-00-200-801-001	ENGINE	GVI		Visually Inspect the air inlet section (fan assembly)	Ref. Allison MM Section 5 Task 72-00-00-200-801	-	500 FH	ALL
72-00-00-200-801-002	ENGINE	VCK		Visually inspect the accessory drives section.	Ref. Allison MM Section 5 Task 72-00-00-200-801	-	10000 FH	ALL
72-00-00-200-801-003	ENGINE	VCK		Visually inspect bypass section.	Ref. Allison MM Section 5 Task 72-00-00-200-801	-	10000 FH	ALL



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"COMPONENT TASKS REPLACES BY LINE MAINTENANCE"

Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.	
72-00-00-200-801-004	ENGINE	VCK		Visually inspect fuel Cooled Oil Cooler	Ref. Allison MM Section 5 Task 72-00-00-200-801	-	10000 FH	ALL
72-00-00-200-801-005	ENGINE	VCK		Visually inspect Fuel Sys Distribution	Ref. Allison MM Section 5 Task 72-00-00-200-801	-	10000 FH	ALL
72-00-00-200-801-006	ENGINE	VCK		Visually inspect Oil Sys Distribution Ref. Allison MM Section 5	Ref. Allison MM Section 5 Task 72-00-00-200-801	-	10000 FH	ALL
72-00-00-200-801-007	ENGINE	VCK		Visually inspect Power Control Ref. Allison MM Section 5	Ref. Allison MM Section 5 Task 72-00-00-200-801	-	10000 FH	ALL
72-00-00-200-801-008	ENGINE	VCK		Visually inspect Turbine-inter stg (A) harness Ref. Allison MM Section 5	Ref. Allison MM Section 5 Task 72-00-00-200-801	-	10000 FH	ALL
72-00-00-200-801-009	ENGINE	VCK		Visually inspect Turbine-Inter stg (B) harness Ref. Allison MM Section 5	Ref. Allison MM Section 5 Task 72-00-00-200-801	-	10000 FH	ALL
72-21-01-220-001-A00	SYSTEMS	DVI	9	Inspect (Detailed Inspection) Fan Blades	Ref. Allison MM Section 5 Task 72-21-15-200-801	-	4000 FH	ALL
72-21-20-220-001-A00	SYSTEMS	OPC	8	Inspect (detailed inspection) Fan Spinner Pre-Mod Rolls Royce SB 3007A-72-167 Only		-	A	ALL
72-63-01-710-001-A00	SYSTEMS	OPC	AD	Operationally Check Starter Drain Adapter	Ref. Allison MM Section 5 Task 72-63-10-700-801 Applicable Post SB AE3007A-72-330 and Pre-Mod SB AE3007A-72-330 (All Aerolitoral ERJ-145 fleet) COMPLY AD 99-02-51	-	800 FH	ALL
73-11-10-130-001-A00	SYSTEMS	RST	6	Clean Fuel Nozzles	EXCEPT P/N: 23075904 and P/N: 23077006 ONLY RR Task 73-11-10-000-801 RR Task 73-11-10-400-801	-	2000 FH	ALL
73-11-10-130-001-A01	SYSTEMS	RST	6	Clean Fuel Nozzles	APPLICABLE TO P/N: 23075904 and P/N: 23077006 ONLY RR Task 73-11-10-000-801 RR Task 73-11-10-400-801	-	10000 FH	ALL
74-21-01-220-001-A00	SYSTEMS	DVI	6	Inspect (Detailed Inspection) Ignitors	Ref. Allison MM Section 5 Task 74-21-10-200-801 (All Aerolitoral ERJ-145 fleet)	-	4000 FH	ALL
78-34-01-720-001-A00	SYSTEMS	FNC	AD	Functionally Check Stow/Transit Thrust Reverser Microswitches for insulation	Applicable to aircraft WITH thrust reversers installed. And applicable only for P/N's 83-990-137, 83-990-152 and 83-990-166. COMPLY AD 2001-17-03 paragraph b)	-	1200 FH	ALL
79-25-02-211-001-A00	SYSTEMS	VCK	9	Visually Check Fuel Cooled Assembly (FCOC)		-	2C	ALL
79-27-00-211-001-A00	SYSTEMS	VCK	9	Visually Check Oil Plumbing		-	2C	ALL
80-10-01-720-001-A00	SYSTEMS	FNC	6	Functionally check Air Turbine Starter including oil servicing	To functionally check the air turbine Starter including oil servicing		A	ALL
80-10-02-160-001-A00	SYSTEMS	SVC	6	Clean Start Control Valve Filter	Applicable to Pre SB 145-80-0003 Only.	-	2A	ALL
80-10-02-160-001-A01	SYSTEMS	SVC	6	Clean Start Control Valve Filter	Applicable to Post SB 145-80-0003 Only.	-	C	ALL



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SECCIÓN 14.TAREAS DE COMPONENTES REEMPLAZO MANTENIMIENTO MAYOR

"COMPONENT MAINTENANCE TASKS REPLEACES BY MAINTENENANCE MAYOR"

Fecha de Efectividad:

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description		Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
32-10-01-900-001-A00	SYSTEMS	RST	8	Restore Main Landing Gear (MLG) Leg Strut Assy (P/Ns 2309-2002-series, 2309-3002-series, 2309-3100-series and-2309-4002-series)	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-10-01-900-002-A00	SYSTEMS	RST	8	Restore MLG Trailing Arm Assy (P/Ns 2309-2037-series, 2309-3037-series and 2309-4037-series), including wheel axle	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-10-02-900-001-A00	SYSTEMS	RST	8	Restore MLG Shock Absorber Assy (P/Ns 2309-2005-series)	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-10-03-900-001-A00	SYSTEMS	RST	8	Restore MLG Main Side Strut(P/Ns 2309-2500-series and 2309-3500-series)	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-10-03-900-002-A00	SYSTEMS	RST	8	Restore MLG Lower Main Side Strut Assy	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-10-04-900-001-A00	SYSTEMS	RST	8	Restore MLG Secondary Side Strut, including spring cartridges (P/Ns 2309-2600-series)	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-10-04-900-002-A00	SYSTEMS	RST	8	Restore MLG Lower Secondary Side Strut Assy	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-10-05-900-002-A00	SYSTEMS	RST	8	Restore MLG Spring Cartridges Assy	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-20-01-900-001-A00	SYSTEMS	RST	8	Restore Nose Landing Gear (NLG) Strut (P/N 1170b0000-series; 1170C0000-series; 2233A0000-series; and 2666A0000), including Torque Link, Steering cuff, sliding tube and web assy components; and their attaching parts	20000 FC Or 144 MOS, whichever occurs first.	-	144 MOS	ALL
32-20-01-900-002-A00	SYSTEMS	RST	8	Restore NLG Sliding Tube Assy	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-20-01-900-003-A00	SYSTEMS	RST	8	Restore NLG Steering Cuff Assy	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-20-01-900-004-A00	SYSTEMS	RST	8	Restore NLG Torque Link Assy	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-20-02-900-001-A00	SYSTEMS	RST	8	Restore NLG Main Drag Strut (P/Ns 1172b0000-series and 1172C0000-series)	20000 FC Or 144 MOS, whichever occurs first.	-	20000 FC / 144 MOS	ALL
32-20-02-900-002-A00	SYSTEMS	RST	8	Restore NLG Main Drag Strut Bottom Stay Assy	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-20-03-900-001-A00	SYSTEMS	RST	8	Restore NLG Auxiliary Drag Strut Assy (P/Ns 1173b-series)	Or 20000 FC whichever occurs first.	-	20000 FC / 144 MOS	ALL
32-20-03-900-002-A00	SYSTEMS	RST	8	Restore NLG Lower Auxiliary Drag Strut Assy	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
32-20-04-900-002-A00	SYSTEMS	RST	8	Restore NLG Downlock Spring Assy	Or 20,000 FC, whichever occurs first.	-	144 MO	ALL
72-21-00-960-001-A00	SYSTEMS	DIS	6	Remove and Replace/Discard Fan Wheel and Fan Drive Shaft	(*) NOTE: • See Life-limit information Interval according to manufacturer's recommendation.	-	(*)	ALL
72-21-01-200-801	ENGINE	DVI	AD	Fan wheel Inspection	(*) NOTE: During each disassembly at engine shop Ref. Allison MM Section 5 COMPLY AD 2000-11-22	-	(*)	ALL
72-21-04-960-001-A00	SYSTEMS	DIS	6	Remove and Replace/Discard Fan Wheel Forward Retainer	(*) NOTE: • See Life-limit information. Interval according to manufacturer's recommendation.	-	(*)	ALL



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SECCIÓN 15. TAREAS NO APLICABLES

"NOT APPLICABLE TASKS"

Fecha de Efectividad:
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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description		Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
12-15-01-610-001-A00	SYSTEMS	SVC	REC	Toilet Water Servicing		-	100 FH / 14 DY	ALL
20-00-00-212-011-A00	SYSTEMS	GVI		Inspect (General Visual) Wing-to-fuselage attachment fairings - XR model - EWIS Components of wiring bundles (Zones: 191, 193, 194, 195, 197, 198). NOTE: EWIS			2C	EMB-145XR
20-00-00-220-005-A00	SYSTEMS	DET		Inspect (Detailed Inspection) Ventral Fuel Tank - Electric Fuel Transfer Pump Connector (Zone: 196). NOTE: EWIS			2C	EMB-145XR
20-00-00-220-006-A00	SYSTEMS	DET		Inspect (Detailed Inspection) Ventral Fuel Tank - EWIS Components of Ventral Tank Unit Harness (Zone: 196). NOTE: EWIS			4C	EMB-145XR
21-26-08-960-001-A00	SYSTEMS	DIS	9	Discard Exhaust Hoses of the Electronic Bay Compartment.	Pre-Mod. SB 145-21-0013 (Not applicable Aerolitoral fleet)	-	5A	ALL
21-31-03-140-001-A01	SYSTEMS	RST	6	Clean Electropneumatic Outflow Valve	For smoking flights. (Not applicable Aerolitoral fleet)	-	2A	ALL
21-31-04-140-001-A01	SYSTEMS	RST	6	Clean Pneumatic Outflow Valve	For smoking flights. (Not applicable Aerolitoral fleet)	-	400 FH	ALL
21-31-08-960-001-A01	SYSTEMS	DIS	6	Replace Air Filter Element	For smoking flights. (Not applicable All ERJ-145 Aerolitoral fleet)	-	1800 FH	ALL
22-11-00-720-003-A00	SYSTEMS	FNC	CAT II	Functionally Check Category II monitoring function	Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	A8	800 FH	ALL
24-31-01-900-001-A00	SYSTEMS	RST	7	Restore Main Generator	Applicable to P/N: 30086-010 ONLY	-	3200 FH	ALL
24-34-01-900-001-A00	SYSTEMS	RST	7	Restore APU Starter/Generator	Comply with task from SMRD 24-34-01-900-002-A00 with int. 800 FH. The task from MRBR and SMRD are performed through the same task from AMM 24-34-01-900-801-A.	-	1200 AH	ALL
24-54-00-212-001-A00	SYSTEMS	GVI	7	Inspect (General Visual) PC Power Components	Applicable to aircraft equipped with PC Power System.	-	C	ALL
25-60-04-710-001-A00	SYSTEMS	OPC	8	Operationally Check Megaphone P/N ACR/EM-1A		-	6 MO	ALL
25-60-04-960-001-A00	SYSTEMS	DIS	6	Discard of Megaphone Batteries P/N ACR/EM-1A		-	12 MO	ALL
26-15-00-710-001-A00	ROUTINE	OPC	8	Operationally Check Baggage Smoke Detection System	Applicable only for aircraft equipped with baggage compartment class "D"	-	100 FH / 14 DY	ALL
27-12-00-720-002-A00	SYSTEMS	FNC	8	Functionally Check Aileron Hydraulic Damping	Pre S.B. 145-27-0062 Only	-	400 FH	EMB-145(ALL)
27-12-00-720-003-A00	SYSTEMS	FNC	CMR	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	SYSTEMS	FNC	CMR	Functionally check external leakage of aileron hydraulic actuator	Post-Mod SB 145-27-0063	-	2500 FH	EMB-135 (ALL)
27-12-00-720-003-A05	SYSTEMS	FNC	8	Functionally check External Leakage of Aileron Hydraulic Actuator for aircraft Certificated Under EASA Regulations		-	2A	EMB-145(ALL)
27-12-01-212-002-A00	SYSTEMS	GVI	CMR	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition.	Pre-Mod SB 145-27-0063 (Not applicable Aerolitoral fleet)	-	500 FH	EMB-135 (ALL)
27-12-01-212-002-A01	SYSTEMS	GVI	CMR	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition.	Post-Mod SB 145-27-0063 (Not applicable Aerolitoral fleet)	-	1000 FH	EMB-135 (ALL)
27-12-01-212-002-A03	ROUTINE	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition	Applicable for P/N: 394900-1007 ONLY	-	100 FH / 14 DY	EMB-145 (ALL)
27-12-01-212-002-A04	SYSTEMS	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition.	25 FH / 3 Days for a/c equipped with PCA PN 394900-1003 or PN 394900-1005 ONLY (Not applicable Aerolitoral ERJ145 fleet)	-	25 FH / 3 DY	EMB-145(ALL)
27-12-01-212-002-A07	SYSTEMS	GVI	8	Inspect (Visual Inspection) Aileron PCA Rod Ends/Fitting Lugs for Integrity and General Condition.	(*) NOTE: "2A" - Post-Mod SB145-27-0061/-62 & SB145-57-0019 (Applicable to aircraft under EASA Regulations) (Not applicable All Aerolitoral ERJ145 fleet)	-	2A	EMB-145(ALL)
27-12-01-720-001-A00	SYSTEMS	FNC	CMR	Functionally Check Aileron Actuator Damping Components and Monitoring Devices	Applicable to aircraft Post-Mod SB 145-27-0062 and Pre-Mod SB 145-27-0063	-	500 FH	EMB-135 (ALL)



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SECCIÓN 15. TAREAS NO APLICABLES

"NOT APPLICABLE TASKS"

Fecha de Efectividad:

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27-12-01-720-001-A01	SYSTEMS	FNC	CMR	Functionally Check Aileron Actuator Damping Components and Monitoring Devices	Applicable to aircraft Post-Mod SB 145-27-0062 and Post-Mod SB 145-27-0063	-	2500 FH	EMB-135 (ALL)
27-12-01-720-001-A05	SYSTEMS	FNC	8	Functionally Check Aileron Actuator Damping Components and Monitoring Devices	Applicable to aircraft Post-Mod SB 145-27-0062 for aircraft under EASA Regulations (Not applicable All Aerolitoral ERJ-145 fleet)	-	2A	EMB-145(ALL)
27-12-01-720-002-A02	SYSTEMS	FNC	9	Functionally Check Aileron Actuator Force Fight.	Applicable to aircraft Post-Mod SB 145-27-0062 under EASA Regulations. (Not applicable All Aerolitoral ERJ145 fleet)	-	2A	EMB-145(ALL)
27-12-03-212-001-A00	SYSTEMS	VCK	CMR	Inspect (Visual Inspection) Aileron Damper Rod Ends/Fitting Lugs for Integrity and General Condition.	Applicable to aircraft Post-Mod SB 145-27-0063 under CTA/FAA certifications.	-	1000 FH	EMB-135 (ALL)
27-12-03-720-001-A00	SYSTEMS	FNC	CMR	Functionally Check Aileron Damper Damping Force	Applicable to aircraft Post-Mod SB 145-27-0063, under CTA/FAA certifications.	-	2500 FH	EMB-135 (ALL)
27-12-03-720-002-A00	SYSTEMS	FNC	CMR	Functionally Check External Leakage of aileron damper	Post-Mod SB 145-27-0063	-	2500 FH	EMB-135 (ALL)
27-40-00-720-003-A00	SYSTEMS	FNC	9	Functional Check Mach Trim Function		-	C	EMB-145XR
27-51-00-610-001-A01	SYSTEMS	SVC	6	Service Flap Screw-jack Actuators Gearbox POST-MOD SB 145-27-0118		-	2C	ALL
27-70-00-710-001-A00	SYSTEMS	OPC	7	Operationally Check Mechanical Gust Lock Mechanism	Mechanical Gust Lock System ONLY	-	C	ALL
27-70-00-720-001-A00	SYSTEMS	FNC	9	Functionally check the Gap of Elevator Secondary Stop.	Mechanical Gust Lock System ONLY Pre-Mod. S.B. 145-27-0079	-	4000 FH	ALL
28-17-01-720-001-A00	SYSTEMS	FNC		Functionally Check critical bonding integrity of Fuel pump, VFQIS and Low Level SW connectors at tank wall by conductivity measurements.	Comply BAD 2007-08-02 AND AD 2008-13-14	-	30000 FH	EMB-145XR
28-17-03-710-001-A00	SYSTEMS	OPC	9	Operationally Check Ventral Fuel Tank Flap Valves		-	2C	EMB-145XR
28-17-04-710-001-A00	SYSTEMS	OPC	9	Operationally Check Ventral Fuel Tank Baffle Valves		-	2C	EMB-145XR
28-18-01-710-001-A00	SYSTEMS	OPC	9	Operationally Check Ventral Fuel Tank Float Vent Valves		-	2C	EMB-145XR
28-18-03-710-001-A00	SYSTEMS	OPC	9	Operationally Check Ventral Fuel Tank Float Actuated Drain Valve		-	2C	EMB-145XR
28-18-05-211-001-A00	SYSTEMS	VCK	9	Visually Check Ventral Fuel Tank Flame Arrestor		-	C	EMB-145XR
28-27-00-710-001-A00	SYSTEMS	OPC	9	Operationally Check Ventral Fuel Tank Transfer System		-	2A	EMB-145XR
28-27-01-220-001-A00	SYSTEMS	DET		Inspect Electric Fuel Transfer Pump Connector	Applicable to all Aerolitoral ERJ145 fleet Comply BAD 2000-08-01R3 Comply BAD 2007-08-02 AND AD 2008-13-14	-	10000 FH	EMB-145XR
28-27-06-710-001-A00	SYSTEMS	OPC	9	Operationally Check Transfer Float Shutoff Valve		-	2C	EMB-145XR
28-27-10-710-001-A00	SYSTEMS	OPC	8	Operationally Check Fuel Transfer Line Shroud		-	2C	EMB-145XR
28-41-00-710-002-A00	SYSTEMS	OPC	9	Operationally Check Electrical Fuel Quantity Indicating System		-	C	EMB-145XR
28-41-00-720-001-A00	SYSTEMS	FNC	9	Functionally Check Electrical Fuel Quantity Indicating System		-	C	EMB-145XR
28-41-04-720-001-A00	SYSTEMS	FNC		Functionally Check Ventral Fuel conditioning Unit (FCU)	Comply BAD 2007-08-02 AND AD 2008-13-14		10000 FH	EMB-145XR
28-41-07-220-001-A00	SYSTEMS	DET		Inspect VFQIS and Low Level SW Harness for clamp and wire jacket integrity	Comply BAD 2007-08-02 AND AD 2008-13-14		20000 FH	EMB-145XR
28-50-03-220-001-A00	SYSTEMS	DET	8	Inspect (Detailed Inspection) Ventral Tank Unit	NOTE: This task complies with Fuel Tank Ignition Source Prevention (SFAR 88).		2C	EMB-145XR
30-41-00-710-001-A00	SYSTEMS	OPC	CAT II	Operationally Check Windshield Wiper	Maintenance Program Requirement for Cat. II Operation (Applicable until Aerolitoral Cat.II operation is certified)	A8	C	ALL
30-44-04-720-001-A00	SYSTEMS	FNC	REC	Functionally Check Rain Repellent Coating (RRC)	If installed	-	A	ALL
32-34-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check Landing Gear Emergency Extension	"A" to aircraft Pre-Mod. SB 145-32-0036 and 145-32-0037. (Not applicable All Aerolitoral ERJ145 fleet)	-	A	ALL
33-11-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Cockpit Lights		-	C	ALL



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SECCIÓN 15. TARES NO APLICABLES

"NOT APPLICABLE TASKS"

Fecha de Efectividad:

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33-12-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Instrument and Control Panel Lighting		-	C	ALL
33-15-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Flood/Storm Lights		-	C	ALL
33-21-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Passenger Cabin Lights		-	C	ALL
33-23-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Passenger Warning Signs		-	C	ALL
33-25-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Reading and Attendant Call Lights		-	C	ALL
33-26-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Courtesy/Stair Lights		-	C	ALL
33-28-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Lavatory Lights		-	C	ALL
33-29-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Galley Lights		-	C	ALL
33-30-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Baggage and Service Compartments		-	C	ALL
33-41-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Landing Lights		-	C	ALL
33-42-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Taxi Lights		-	C	ALL
33-43-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Navigation Lights		-	C	ALL
33-44-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Inspection Lights		-	C	ALL
33-46-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Logotype Lights		-	C	ALL
33-47-00-710-001-A00	SYSTEMS	OPC	REC	Operationally Test Anti-collision Lights		-	C	ALL
34-13-00-680-001-A00	SYSTEMS	SVC	6	Drain Pitot Lines	Pre-Mod SB 145-34-0021 Only (Not Applicable All Aerolitoral ERJ145 fleet)	-	C	ALL
34-13-04-280-001-A01	SYSTEMS	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-A01	SYSTEMS	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-A01	SYSTEMS	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
34-41-00-710-001-A00	SYSTEMS	OPC	CAT II	Operationally Check GPWS/Windshear	Maintenance Program Requirement for Cat. II Operation	-	C	ALL
35-21-00-211-001-A00	SYSTEMS	VCK	8	Visually Check Pressure Indication Between MFD Versus Cylinder Gauge and Charging Gauge Versus Cylinder Gauge	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	4A	EMB-135LR
35-21-00-710-001-A00	SYSTEMS	OPC	8	Operationally Check Passenger Oxygen System in MANUAL Mode	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	4A	EMB-135LR
35-21-00-710-002-A00	SYSTEMS	OPC	8	Operationally Check "VLV CLOSED" Indication Circuit	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	4A	EMB-135LR
35-21-00-710-003-A00	SYSTEMS	OPC	8	Operationally Check "PAX OXY LOW PRESS" Caution Message	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	C	EMB-135LR
35-21-00-720-001-A00	SYSTEMS	FNC	8	Functionally Check Passenger Oxygen System in AUTO Mode	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	C	EMB-135LR
35-21-02-211-001-A00	SYSTEMS	VCK	8	Visually Check Passenger Oxygen Mask Assy	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	4A	EMB-135LR
35-21-04-720-001-A00	SYSTEMS	FNC	8	Functionally Check (Hydrostatic Test) Passenger Oxygen Cylinder	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	36 MOS	EMB-135LR
35-21-04-960-001-A00	SYSTEMS	DIS	8	Replace/Discard Passenger Oxygen Cylinder	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	180 MOS	EMB-135LR
35-21-06-710-001-A00	SYSTEMS	OPC	8	Operationally Check Electric Pulse/Latching On-Off Valve	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	4A	EMB-135LR



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Fecha de Efectividad:

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description		Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
35-21-07-720-001-A00	SYSTEMS	FNC	8	Functionally Check of Oxygen Sequence Regulator	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	4A	EMB-135LR
35-21-15-710-001-A00	SYSTEMS	OPC	8	Check (Leak) Passenger Oxygen Distribution (HP) Lines	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	C	EMB-135LR
35-21-16-710-001-A00	SYSTEMS	OPC	8	Check (Leak) Passenger Oxygen Distribution (LP) Lines	NOTE: Aircraft Equipped with Gaseous Oxygen System (Shuttle Configuration Only).	-	C	EMB-135LR
36-11-11-710-001-A00	SYSTEMS	OPC	9	Operationally Check Thermostat Shutoff Valve		-	C	EMB-145XR
38-30-00-610-001-A00	SYSTEMS	SVC	REC	Toilet Waste Bowl Servicing		-	100 FH / 14 DY	ALL
45-45-00-970-001-A00	SYSTEMS	DRC	REC	CMC DATA - MFD Downloading		-	100 FH / 14 DY	ALL
52-10-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	Only aircraft equipped with STANDARD MAIN DOOR model.	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-10-00-220-803-A00	STRUCTURAL	DET	-	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Attachment fittings-to-fuselage & interface parts (SSI 52-10-05)	Only aircraft equipped with STANDARD MAIN DOOR model.	20000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-10-00-220-803-A01	STRUCTURAL	DET	-	Externally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	20000 FC	2502 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-10-00-220-804-A00	STRUCTURAL	DET	-	Externally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)	Only aircraft equipped with STANDARD MAIN DOOR model.	20000 FC	2502 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-10-00-220-804-A01	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (SIDE-HINGED MODEL) components: • Stop & backup structures (SSI 52-10-03)	Only aircraft equipped with SIDE HINGED MAIN DOR model.	20000 FC	4447 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-10-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the MAIN DOOR (STANDARD MODEL) components: • Stop & backup structures (SSI 52-10-03)	Only aircraft equipped with STANDARD MAIN DOOR model.	20000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-21-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)		19000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-21-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch structure (SSI 52-21-06)		19000 FC	5060 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-21-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the PASSENGER CABIN ESCAPE HATCH components: • Escape hatch window frame (SSI 52-21-07)		20000 FC	6060 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-30-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the BAGGAGE DOOR components: • Baggage door stops and fittings (SSI 52-30-09)		20000 FC	4318 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-43-00-220-802-A00	STRUCTURAL	DET	-	Externally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14)		20000 FC	4975 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-43-00-220-804-A00	STRUCTURAL	DET	-	Externally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13)		20000 FC	2465 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-43-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the SERVICE DOOR components: • Service door stops & backup structure (SSI 52-43-13)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	4640 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
52-43-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the SERVICE DOOR components: • Service door folding flap stops (SSI 52-43-14)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-11-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE component: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-10-07)		20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL



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53-11-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components • Forward bulkhead (SSI 53-10-26)		18000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-11-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Longerons (SSI 53-10-46)			19737 FC	EMB-145XR
53-11-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Longerons (SSI 53-10-46)		-	96 MOS	EMB-145XR
53-12-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield lateral post and its attachment (SSI 53-10-20)		20000 FC	6666 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-12-00-220-808-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield center post, including its attachments and lower fitting (SSI 53-10-19)	NOTE: Applicable to aircraft Pre-Mod. SB 145-53-0007.	12000 FC	4000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-12-00-220-808-A01	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield center post, including its attachments and lower fitting (SSI 53-10-19)	NOTE: Applicable to aircraft Post -Mod. SB 145-53-0007.	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-12-00-220-812-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)		12000 FC	12000 FC	EMB-145XR
53-12-00-220-813-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield cutout structure (SSI 53-10-17)		12000 FC	12000 FC	EMB-145XR
53-12-00-220-814-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Windshield center Post, including its attachment and lower fitting (SSI 53-10-19)		-	12929 FC	EMB-145XR
53-21-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07).		10000 FC	5000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-802-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Stops and backup structures for main door (SSI 53-20-01)		20000 FC	3735 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Stops and backup structure for main door (SSI 53-20-01)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-814-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)		20000 FC	2500 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-816-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Frame 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12)		20000 FC	2764 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-817-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Stringer 6 & 16 splices at frames 20 & 22 (SSI 53-20-13)		20000 FC	2764 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-818-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-821-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along main door cutout (SSI 53-20-41)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	4932 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-822-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices along service door cutout (SSI 53-20-42)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-828-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Frame 15 & 18 LHS splices at stringers 3L & 16L (SSI 53-20-12)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	2979 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-21-00-220-829-A00	STRUCTURAL	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.	20000 FC	2979 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL



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53-21-00-220-830-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Fuselage panels at Stringers, frames / Bulkheads, and splices (SSI 53-20-07).	-	10000 FC	EMB-145XR	
53-21-00-220-831-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Fuselage skin panels at Stringers, frames / Bulkheads, and splices (SSI 53-20-07).	-	10000 FC	EMB-145XR	
53-21-00-220-832-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Passenger door cutout reinforcing structures (SSI 53-20-09)	NOTE: During this inspection, the CPCP basic task should also be performed for this SSI.1	19000 FC	5000 FC	EMB-145XR
53-21-00-220-833-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: Passenger door cutout reinforcing structures (SSI 53-20-09)		19000 FC	5000 FC	EMB-145XR
53-21-00-220-834-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Service door cutout reinforcing structures (SSI 53-20-10)		20000 FC	5000 FC	EMB-145XR
53-21-00-220-835-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: Service door cutout reinforcing structures (SSI 53-20-10)	NOTE: Remove the bumper plate if installed	20000 FC	5000 FC	EMB-145XR
53-21-00-220-836-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Frames (SSI 53-20-43)		-	10000 FC	EMB-145XR
53-21-00-220-837-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin longitudinal splices allow main door cutout (SSI 53-20-41)		-	5000 FC	EMB-145XR
53-21-00-220-838-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splices allow main door cutout (SSI 53-20-41)	NOTE: During this inspection, the CPCP basic task should also be performed for this SSI	20000 FC	4965 FC	EMB-145XR
53-21-00-220-840-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Stops and backup structure for main door (SSI 53-20-01)	NOTE: During this inspection, the CPCP basic task should also be performed for this SSI	20000 FC	5000 FC	EMB-145XR
53-21-00-220-841-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Stops and backup structure for main door (SSI 53-20-01)		20000 FC	4180 FC	EMB-145XR
53-21-00-220-843-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		20000 FC	5000 FC	EMB-145XR
53-21-00-220-844-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		18000 FC	5000 FC	EMB-145XR
53-21-00-220-845-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		7000 FC	5000 FC	EMB-145XR
53-22-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		20000 FC	2500 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-22-00-210-803-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringer, frames/bulkheads, and splices (SSI 53-20-07)		20000 FC	2500 FC	EMB-145XR
53-22-00-210-804-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringer, frames/bulkheads, and splices (SSI 53-20-07)		20000	3831 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-22-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-22-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)		-	8102 FC	EMB-145XR
53-23-00-210-803-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)		20000 FC	3388 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-23-00-210-804-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Passenger cabin window frame (SSI 53-20-06)		-	4125 FC	EMB-145XR



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53-23-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	20000 FC	10000 FC	EMB-145XR
53-23-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-23-00-220-803-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	20000 FC	6140 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-23-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	20000 FC	20000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-23-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Machined frame at ventral fuel tank attachment points (SSI 53-20-84)	-	10000 FC	EMB-145XR
53-23-00-220-811-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	20000 FC	5000 FC	EMB-145XR
53-23-00-220-812-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	-	10000 FC	EMB-145XR
53-23-00-220-813-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	20000 FC	9167 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-23-00-220-814-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-20-30)	20000 FC	9443 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-23-00-220-815-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Skin and reinforcement around escape hatch cutout (SSI 53-20-51)	-	4725 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-23-00-220-816-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Overwing fuselage skin panel (SSI 53-20-16)	-	10000 FC	EMB-145XR
53-23-00-220-817-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	20000 FC	6428 FC	EMB-145XR
53-24-00-210-803-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	20000 FC	5000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-24-00-210-806-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	12000 FC	4750 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-24-00-210-807-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	19000 FC	3077 FC	EMB-145XR
53-24-00-210-808-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	-	10000 FC	EMB-145XR
53-24-00-210-810-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	-	5543 FC	EMB-145XR
53-24-00-210-C07-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the VENTRAL FUEL TANK components: • Ventral fuel tank structure (SSI 53-20-85)	-	60 MOS	EMB-145XR
53-24-00-210-C09-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the VENTRAL FUEL TANK component: • Frontal Side of Ventral Fuel tank structure (SSI 53-20-87) NOTE: Applicable to aircraft Pre-Mod. SB 145-53-0074.		30 MOS	EMB-145XR
53-24-00-210-C09-A01	CORROSION PROGRAM	GVI	CPCP	Externally inspect the VENTRAL FUEL TANK component: • Frontal Side of Ventral Fuel tank structure (SSI 53-20-87) NOTE: Applicable to aircraft Post-Mod. SB 145-53-0074.		30 MOS	EMB-145XR



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53-24-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-20-07)	Not applicable to aircrafts model MP	20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL; EMB-145XR
53-24-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Machined frame at ventral fuel tank attachment points (SSI 53-20-84)	-	10000 FC	EMB-145XR	
53-24-00-220-805-A00	STRUCTURAL	DET	-	Externally inspect the VENTRAL FUEL TANK components: • Ventral fuel tank attachment points, including main bolts (SSI 53-20-86)	-	9958 FC	EMB-145XR	
53-24-00-220-809-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin circumferential splice (SSI 53-20-14)	-	10000 FC	EMB-145XR	
53-24-00-220-C05-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the VENTRAL FUEL TANK components: • Ventral fuel tank structure (SSI 53-20-85)	-	60 MOS	EMB-145XR	
53-24-00-220-C08-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • fuselage skin circumferential splice (SSI 53-20-14)	-	60 MOS	EMB-145XR	
53-24-00-220-c09-a00	CORROSION PROGRAM	DET	CPCP	Internally inspect the VENTRAL FUEL TANK components: • Frontal Side of Ventral Fuel tank structure (SSI 53-20-87)	-	30 MOS	EMB-145XR	
53-31-00-210-802-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	20000 FC	5000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-31-00-210-804-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-31-00-210-805-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	20000	10000	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-31-00-210-806-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-31-00-210-812-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	20000 FC	5000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-31-00-210-813-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	Remove the bumper plate, if is installed	-	5000 FC	EMB-145XR
53-31-00-210-814-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	-	10000 FC	EMB-145XR	
53-31-00-210-815-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	-	10000 FC	EMB-145XR	
53-31-00-210-816-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	-	5000 FC	EMB-145XR	
53-31-00-210-817-A00	STRUCTURAL	GVI	-	Internally inspect the FUSELAGE components: • Baggage compartment floor beams and columns (SSI 53-30-28)	-	10000 FC	EMB-145XR	
53-31-00-210-818-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)	-	10000 FC	EMB-145XR	
53-31-00-210-819-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	-	5000 FC	EMB-145XR	
53-31-00-210-820-A00	STRUCTURAL	GVI	-	Externally inspect the FUSELAGE components: • Baggage Compartment floor beams and columns (SSI 53-30-15)	-	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-31-00-210-C02-A00	CORROSION PROGRAM	GVI	CPCP	Externally inspect the FUSELAGE components: • Toilet waste drain valve support (SSI 53-30-29)	-	30 MOS	EMB-135ER EMB-135LR	
53-31-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at pressure bulkhead (SSI 53-30-15)	20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
53-31-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07)	20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	



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SECCIÓN 15. TAREAS NO APLICABLES

"NOT APPLICABLE TASKS"

Fecha de Efectividad:
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53-31-00-220-806-A00	STRUCTURAL	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 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-811-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)		20000 FC	5000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-812-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	8778 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-813-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)		20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-814-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)		20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-815-A00	STRUCTURAL	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.	20000 FC	6256 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-820-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Frames (SSI 53-30-43)		14000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-823-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48)		-	2228 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-824-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Baggage door lateral L-shape (SSI 53-30-03)		-	4038 FC	EMB-145XR
53-31-00-220-825-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Rear pressure bulkhead (SSI 53-30-36)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	8778 FC	EMB-145XR
53-31-00-220-826-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	5468 FC	EMB-145XR
53-31-00-220-827-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	5735 FC	EMB-145XR
53-31-00-220-828-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: Rear electronic compartment door cutout structure (SSI 53-30-49)		-	6340 FC	EMB-145XR
53-31-00-220-829-A00	STRUCTURAL	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.	-	10000 FC	EMB-145XR
53-31-00-220-830-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Fuselage skin panel at stringers, frames/bulkheads, and splices (SSI 53-30-07).		-	10000 FC	EMB-145XR
53-31-00-220-831-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Fuselage machined bulkhead (SSI 53-30-30).		-	5000 FC	EMB-145XR
53-31-00-220-832-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Fuselage machined bulkhead (SSI 53-30-30).		-	10000 FC	EMB-145XR
53-31-00-220-833-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Fuselage skin panel at pressure bulkhead (SSI 53-30-15).		-	10000 FC	EMB-145XR
53-31-00-220-834-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38).		-	8003 FC	EMB-145XR
53-31-00-220-835-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Bulkhead-to-engine pylon attachment (SSI 53-30-35)		-	4115 FC	EMB-145XR
53-31-00-220-836-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Bulkhead-to-engine pylon attachment (SSI 53-30-35)		-	10000 FC	EMB-145XR
53-31-00-220-838-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49)		12000 FC	4520 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-841-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Baggage door lateral L-shape (SSI 53-30-03)		-	5468 FC	EMB-145XR
53-31-00-220-842-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Rear electronic compartment door cutout structure (SSI 53-30-49)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	12000 FC	5296 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL



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53-31-00-220-843-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Baggage door cutout structure (SSI 53-30-48)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	19000 FC	4828 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-845-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage skin longitudinal splice (SSI 53-30-08)		-	4828 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-31-00-220-C06-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the FUSELAGE components: • Toilet waste drain valve support (SSI 53-30-29)		-	30 MOS	EMB-135ER EMB-135LR
53-32-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)		20000 FC	5000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KLL
53-32-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)		20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-32-00-220-803-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)		20000 FC	8193 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-32-00-220-804-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • L profile – Strake attachment (SSI 53-32-01)		-	10000 FC	EMB-145XR
53-32-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)		-	8193 FC	EMB-145XR
53-32-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage to vertical stabilizer spar attachment fitting (SSI 53-30-38)		-	5000 FC	EMB-145XR
53-32-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the FUSELAGE components: • Fuselage machined bulkhead (SSI 53-30-30)		-	10000 FC	EMB-145XR
53-32-00-220-808-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)		20000	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
53-32-00-220-809-A00	STRUCTURAL	DET	-	Externally inspect the FUSELAGE components: • Tail cone access door cutout structure (SSI 53-30-50)		-	10000 FC	EMB-145XR
53-Z191-213-002-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 191/192/193/194/195/196/197/198		-	2C	EMB-145XR
53-Z191-214-003-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 191/192/193/194/195/197/198 ACCESS 191ZB 192LB 193QL/RR/ AAB 194ER 195EL 197AB/CL/ DR 198CB	NOTE: EWIS	-	2C	EMB-145XR
53-Z196-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONE 196. Access 196AL 196EL 196BR 196FR 196CZ 196DB 196GB	VENTRAL FUEL TANK NOTE: EWIS	-	2C	EMB-145XR
53-Z273-214-001-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 273/274. Access 273ATC 273BTC 273CTC.	REAR FUSELAGE (Applicable to Baggage compartment Class "D") (Not applicable Aerolitoral ERJ145 fleet)	-	2C	ALL
54-50-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: • Pylon spars I, II, III and IV (SSI 54-50-01) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.		20000	5000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
54-50-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: • Engine mounts including bolts (SSI 54-50-03).	Applicable to aircraft Pre Mod SB 145-54-0010	4000 FC	1000 FC	EMB-145XR
54-50-00-220-805-A00	STRUCTURAL	DET	-	Externally inspect the PYLON components: • Pylon Skin (SSI 54-50-04)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	15000 FC	5000 FC	EMB-145XR
54-50-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: • Pylon Skin (SSI 54-50-04)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	15000 FC	5000 FC	EMB-145XR
54-50-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: • Pylon SPARS I,II, III and IV (SSI 54-50-01)		20000 FC	4115 FC	EMB-145XR
54-50-00-220-808-A01	STRUCTURAL	DET	-	Internally inspect the PYLON components: • AFT Engine Mounts including bolts (SSI 54-50-07) NOTE: 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	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL



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54-50-00-220-809-A00	STRUCTURAL	DET	-	Internally inspect the PYLON components: • AFT Engine Mounts including bolts (SSI 54-50-07)	Applicable to aircraft Pre-Mod SB 145-54-10	4000 FC	1000 FC	EMB-145XR
54-50-00-220-809-A01	STRUCTURAL	DET	-	Internally inspect the PYLON components: • AFT Engine Mounts including bolts (SSI 54-50-07)	Applicable to aircraft Post-Mod SB 145-54-10	5000 FC	5000 FC	EMB-145XR
54-50-00-220-810-A01	STRUCTURAL	DET	-	Internally inspect the PYLON components: • Pylon Yokes III and IV (SSI 54-50-02) NOTE: Applicable to aircraft Post-Mod. SB 145-54-0011.		30000	30000 FC	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	STRUCTURAL	DET	-	Internally inspect the PYLON components: •Pylon Yokes III and IV (SSI 54-50-02)		27345 FC	5257 FC	EMB-145XR
54-50-00-230-801-A00	STRUCTURAL	SDE	-	Internally inspect the PYLON components by Liquid Penetrate Inspection Method : •FWD Engine Mounts including bolts (SSI 54-50-03)	Applicable to aircraft Post-Mod SB 145-54-10	20000 FC	20000 FC	EMB-145XR
54-50-00-230-802-A00	STRUCTURAL	SDE	-	Internally inspect the PYLON components by Liquid Penetrant Inspection Method: • FWD Engine Mounts including bolts (SSI 54-50-03) NOTE: Applicable to aircraft Post-Mod. SB 145-54-0011, and the flight cycles accumulated shall be based on the engine mount c		15000	15000 FC	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	STRUCTURAL	SDE	-	Internally inspect the PYLON components by the Eddy Current method : •Pylon Yokes I and II (SSI 54-50-05)		27345 FC	20000 FC	EMB-145XR
54-50-00-250-803-A00	STRUCTURAL	SDE	-	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II upper flange (SSI 54-50-06)		27345 FC	5310 FC	EMB-145XR
54-50-00-250-804-A00	STRUCTURAL	SDE	-	Internally inspect the PYLON components by the Eddy Current method: • Pylon Yokes I and II (SSI 54-50-05) NOTE: Applicable to aircraft Post-Mod. SB 145-54-0011.		30000	30000 FC	EMB-145EP; EMB-145ER; EMB-145EU; EMB-145LR; EMB-145LU; EMB-145MK; EMB-145MP; EMB-145MR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-10-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16)	Applicable to aircraft Pre-Mod SB 145-55-0005" (Not applicable Aerolitoral ERJ145 fleet)	-	4227 FC	EMB-145ER; EMB-145EU; EMB-145EP
55-10-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front/Rear auxiliary spar center fitting (SSI 55-10-19)	(*) NOTE: Applicable to aircraft Pre-Mod. SB 145-55-0005, perform first inspection at 8000 FC, second inspection at 12000 FC, and the subsequent every 3A (Not applicable Aerolitoral fleet)	-	3A	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER
55-10-00-220-809-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front spar center fittings (SSI 55-10-20)	(*) NOTE: Applicable to aircraft Pre-Mod. SB 145-55-0005, perform first inspection at 8000 FC, second inspection at 12000 FC, and the subsequent every 3A (Not Applicable Aerolitoral fleet)	-	3A	EMB-145EU; EMB-145EP; EMB-145ER
55-10-00-220-816-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18)	(*) NOTE: Applicable to aircraft Pre-Mod. SB 145-55-0005, perform first inspection at 8000 FC, second inspection at 12000 FC, and the subsequent every "3A" check	-	3A	EMB-145EU; EMB-145EP; EMB-145ER
55-10-00-220-818-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER components: • Skin from rib station YH=350 to rib YH=990 upper surfaces (SSI 55-10-02)		-	2599 FC	EMB-135LR; EMB-135ER; EMB-135KE; EMB-135KL



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55-10-00-220-819-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16)	-	3658 FC	EMB-135LR; EMB-135ER; EMB-135KE; EMB-135KL
55-10-00-220-820-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18)	-	3658 FC	EMB-135LR; EMB-135ER; EMB-135KE; EMB-135KL
55-10-00-220-821-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • From/Rear spar center fitting (SSI 55-10-19)	-	3658 FC	EMB-135LR; EMB-135ER; EMB-135KE; EMB-135KL
55-10-00-220-822-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • From spar center fitting (SSI 55-10-20)	-	3658 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL; EMB-145XR
55-10-00-220-824-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 - lower surface (SSI 55-10-06)	-	10000 FC	EMB-145XR
55-10-00-220-825-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Skin splice at upper and lower surface (SSI 55-10-16)	4000 FC	2532 FC	EMB-145XR
55-10-00-220-826-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Rear spar center fitting (SSI 55-10-18)	-	2532 FC	EMB-145XR
55-10-00-220-827-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front/Rear auxiliary spar center fitting (SSI 55-10-19)	-	2532 FC	EMB-145XR
55-10-00-220-828-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER components: • Skin from fin to sta. YH=350-upper surface (SSI 55-10-01)	-	2599 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-10-00-220-829-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER components: • Skin from fin to sta. YH=350-lower surface (SSI 55-10-06)	-	2599 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-10-00-220-830-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER components: • Elevator support fittings (SSI 55-10-15)	-	10000 FC	EMB-145XR
55-10-00-220-832-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from rib sta YH=350 to rib YH=990 - upper surface (SSI 55-10-02)	-	6226 FC	EMB-145XR
55-10-00-220-833-A00	STRUCTURAL	DET	-	Internally inspect the HORIZONTAL STABILIZER components: • Front Spar center fittings (SSI 55-10-20)	-	2532 FC	EMB-145XR
55-10-00-220-834-A00	STRUCTURAL	DET	-	Externally inspect the HORIZONTAL STABILIZER components: • Skin, from fin to sta. YH=350 upper surface (SSI 55-10-01)	-	6226 FC	EMB-145XR
55-30-00-210-801-A00	STRUCTURAL	GVI	-	Internally inspect the VERTICAL STABILIZER components: • Rear spar actuator support fitting (elevator) (SSI 55-30-77)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-210-804-A00	STRUCTURAL	GVI	-	Internally inspect the VERTICAL STABILIZER components: • PCU support fittings (SSI 55-30-80)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to spar 3 (SSI 55-30-50)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-802-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Spar 1 - tip rib attachment (SSI 55-30-53)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-803-A00	STRUCTURAL	DET	-	Externally inspect the VERTICAL STABILIZER components: • Rudder hinge fittings (SSI 55-30-78)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fitting hinge support (SSI 55-30-76)	20000 FC	5574 FC	EMB-145XR; EMB-135ER; EMB-135KE; EMB-135KL; EMB-135LR



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SECCIÓN 15. TARES NO APLICABLES

"NOT APPLICABLE TASKS"

Fecha de Efectividad:

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55-30-00-220-806-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 52% (SSI 55-30-51)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer attachment fitting to auxiliary spar 41% (SSI 55-30-52)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-814-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Tip rib (SSI 55-30-69)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-815-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-horizontal stabilizer support actuators, including bolt (SSI 55-30-75)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-816-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Actuator support fittings (rudder) (SSI 55-30-79)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
55-30-00-220-823-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Spar 1 (web and cap), from fuselage contour line to tip rib (SSI 55-30-68)	-	10000 FC	EMB-145XR
55-30-00-220-824-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to spar 3 (SSI 55-30-54)	-	8003 FC	EMB-145XR
55-30-00-220-825-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to auxiliary spar 52% (SSI 55-30-55)	-	8003 FC	EMB-145XR
55-30-00-220-826-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to auxiliary spar 41% (SSI 55-30-55)	-	8003 FC	EMB-145XR
55-30-00-220-827-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to spar 2 (SSI 55-30-57)	-	8003 FC	EMB-145XR
55-30-00-220-828-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to spar 1 (SSI 55-30-87)	-	8003 FC	EMB-145XR
55-30-00-220-829-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 77 (SSI 55-30-59)	-	8003 FC	EMB-145XR
55-30-00-220-830-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 78 (SSI 55-30-60)	-	8003 FC	EMB-145XR
55-30-00-220-831-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 79 (SSI 55-30-61)	-	8003 FC	EMB-145XR
55-30-00-220-832-A00	STRUCTURAL	DET	-	Internally inspect the VERTICAL STABILIZER components: • Fin-to-fuselage attachment fitting to bulkhead 80 (SSI 55-30-62)	-	8003 FC	EMB-145XR
55-30-00-250-801-A00	STRUCTURAL	SDE	-	Externally inspect the VERTICAL STABILIZER components by the eddy current inspection method: • Fitting hinge support (SSI 55-30-76)	-	29600 FC	EMB-145XR; EMB-135ER; EMB-135KE; EMB-135KL; EMB-135LR
57-10-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	20000 FC	16000 FC	EMB-145XR; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-805-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - brackets and rib 2A web attachments (SSI 57-10-27)	20000 FC	5000 FC	EMB-145XR; EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-818-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Lower skin attachments (SSI 57-10-06)	20000 FC	5852 FC	EMB-135LR; EMB-135KE; EMB-135KL
57-10-00-220-819-A00	STRUCTURAL	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	EMB-135LR; EMB-135KE; EMB-135KL; EMB-145XR



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57-10-00-220-820-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 2 - lower skin attachments (SSI 57-10-06)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	8000 FC	5000 FC	EMB-145XR
57-10-00-220-821-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Lower skin attachments (SSI 57-10-06)		8000 FC	5091 FC	EMB-145XR
57-10-00-220-823-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Lower skin-spanwise splice at spar 2, access holes, stringers, integral milled panels and spanwise splice of integral panel (SSI 57-10-01)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	6596 FC	EMB-145XR
57-10-00-220-824-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Lower skin-ribs 1, 2 and 3 attachments and tire compartment wall attachments (SSI 57-10-02).	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	4271 FC	EMB-145XR
57-10-00-220-825-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Lower skin-ribs 1, 2 and 3 attachments and auxiliary cap splice at wing attachments (SSI 57-10-02).	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	4271 FC	EMB-145XR
57-10-00-220-828-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 1-auxiliary cap attachments and auxiliary cap splice at wing attachments (SSI 57-10-05).	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	7144 FC	EMB-145XR
57-10-00-220-829-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 1-lower skin attachments (SSI 57-10-03)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	-	7144 FC	EMB-145XR
57-10-00-220-830-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1-lower skin attachments (SSI 57-10-03)		-	7144 FC	EMB-145XR
57-10-00-220-831-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1 - Auxiliary Cap attachments and Auxiliary cap splice at wing attachments (SSI 57-10-05)		-	7144 FC	EMB-145XR
57-10-00-220-832-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Auxiliary Cap attachments and Auxiliary cap splice at wing attachments (SSI 57-10-05)		-	5091 FC	EMB-145XR
57-10-00-250-801-A01	STRUCTURAL	SDE	-	Externally inspect the WING STUB components using Eddy Current inspection method: • Rib 4 – lower flange and web (SSI 57-10-11) NOTE: Applicable to aircraft Post-Mod. SB 145-57-0047.			24000 FC	ALL
57-11-00-220-805-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	10000 FC	EMB-145XR
57-11-00-220-807-A00	STRUCTURAL	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)		20000 FC	20000 FC	EMB-145XR; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-809-A00	STRUCTURAL	DET	-	Externally 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.	20000 FC	20000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-810-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	10000 FC	EMB-145XR
57-11-00-220-811-A00	STRUCTURAL	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)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-135ER
57-11-00-220-812-A00	STRUCTURAL	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)		20000 FC	10000 FC	EMB-145XR; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-813-A00	STRUCTURAL	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)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-135ER



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57-11-00-220-815-A00	STRUCTURAL	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.	20000 FC	20000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-816-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Titanium fitting attachments and fuselage bulkhead at frame 46 (SSI 57-11-20)		20000 FC	5000 FC	EMB-145XR; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-817-A00	STRUCTURAL	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)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-818-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 3 and rib 4 rod-end link (SSI 57-11-22)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-819-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	10000 FC	EMB-145XR
57-11-00-220-820-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 2 - Titanium fitting attachments and fuselage bulkhead attachments at frame 46 (SSI 57-11-20)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-821-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23)		20000 FC	10000 FC	EMB-145XR
57-11-00-220-822-A00	STRUCTURAL	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)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-135ER
57-11-00-220-823-A00	STRUCTURAL	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)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	10000 FC	EMB-145XR; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-824-A00	STRUCTURAL	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)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-145XR; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-825-A00	STRUCTURAL	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).	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-826-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 1 - Lower front fitting attachments and spar 2 - lower rear fitting attachments (SSI 57-11-18)	During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5617 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-827-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Spar 2 - Titanium fitting attachments and fuselage bulkhead at frame 46 (SSI 57-11-20)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	5000 FC	EMB-135ER
57-11-00-220-828-A00	STRUCTURAL	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) NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	20000 FC	EMB-135ER
57-11-00-220-829-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23)	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	9388 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-830-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Lower skin rear fitting and integral rear fitting panel (SSI 57-11-15)		-	5000 FC	EMB-145XR
57-11-00-220-832-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Spar 3 and rib 4 rod-end link (SSI 57-11-22).	NOTE: During this inspection, the CPCP basic task shall also be performed for this SSI.	20000 FC	9238 FC	EMB-145XR



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Fecha de Efectividad:
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57-11-00-220-833-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Fuselage bulkhead at frame 40 and its attachments to frame 40 (SSI 57-11-23).	20000 FC	9388 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-834-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24).	20000 FC	9047 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-835-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components: • Fuselage bulkhead attachments to frame 46 (SSI 57-11-24).	20000 FC	9047 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-11-00-220-836-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components: • Lower fitting attachments and spar 2 lower rear fitting attachments (SSI 57-11-18)	20000 FC	10000 FC	EMB-145XR
57-11-00-220-837-A00	STRUCTURAL	DET	-	Internally inspect the WING STUB components • Spar 1 lower front fitting attachments and spar 2 lower rear fitting attachments (SSI 57-11-18)	20000 FC	10000 FC	EMB-145XR
57-11-00-220-838-A00	STRUCTURAL	DET	-	Externally inspect the WING STUB components • Spar 1 lower front fitting attachments and spar 2 lower rear fitting attachments (SSI 57-11-18)	20000 FC	5617 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-210-803-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	20000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-210-821-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: Lower skin access holes (SSI 57-21-32)	20000 FC	20000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-210-822-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: Upper skin/spar attachments (SSI 57-21-37)	20000 FC	2500 FC	EMB-145XR
57-21-00-210-823-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: Lower skin panel spanwise joint (SSI 57-21-30)	-	6420 FC	EMB-145XR
57-21-00-210-825-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Skin panel (SSI 57-21-26)	-	5000 FC	EMB-145XR
57-21-00-210-827-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: Skin panels (SSI 57-21-26)	-	18298 FC	EMB-135LR; EMB-135KE; EMB-135KL; EMB-135ER
57-21-00-210-831-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin access holes (SSI 57-21-32)	20000	20000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	20000 FC	3335 FC	EMB-145XR
57-21-00-220-808-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	-	3335 FC	EMB-145XR
57-21-00-220-809-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Upper skin/spar attachments (SSI 57-21-37)	20000 FC	5000 FC	EMB-145XR
57-21-00-220-810-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Skin panels (SSI 57-21-26)	20000 FC	2500 FC	EMB-145XR
57-21-00-220-816-A00	STRUCTURAL	DET	-	Externally Inspect the WING components: • Lower vent hole (SSI 57-21-33)	-	3335 FC	EMB-145XR
57-21-00-220-817-A00	STRUCTURAL	DET	-	Externally Inspect the WING components: • Actuator Access holes (SSI 57-21-34)	-	3335 FC	EMB-145XR
57-21-00-220-818-A00	STRUCTURAL	DET	-	Externally Inspect the WING components: • Lower Skin Access holes (SSI 57-21-32)	-	3335 FC	EMB-145XR
57-21-00-220-820-A00	STRUCTURAL	DET	-	Internally Inspect the WING components: • Lower skin/spar attachments (SSI 57-21-36)	20000 FC	8160 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-21-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Externally Inspect the WING components: • Lower skin access holes (SSI 57-21-32)	96 MOS	60 MOS	EMB-145XR
57-21-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Externally Inspect the WING components: • Skin panels (SSI 57-21-26)	96 MOS	60 MOS	EMB-145XR
57-21-00-250-801-A00	STRUCTURAL	SDE	-	Externally inspect the WING components by using Eddy Current method: Lower skin panel chordwise joint (SSI 57-21-29)	-	30000 FC	EMB-145XR



AEROLITORAL S.A. DE C.V.
TALLER DGAC No. 122

Programa de Mantenimiento EMB-145

EMB 145 Maintenance Program

Código: **M-PME-01**

Revisión:

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SECCIÓN 15. TARES NO APLICABLES

"NOT APPLICABLE TASKS"

Fecha de Efectividad:

05-Abr-10

Page: **15-1- 17**

Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.	
57-22-00-210-803-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 1 cap (SSI 57-22-41)	20000 FC	10000 FC	EMB-145XR	
57-22-00-210-805-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 1 cap (SSI 57-22-41)	20000 FC	8736 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
57-22-00-220-801-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Spar 1/web and stiffeners (SSI 57-22-40)	20000 FC	10000 FC	EMB-145XR	
57-22-00-220-806-A00	STRUCTURAL	DET	-	Externally inspect the WING components: Spar 1/web and stiffeners (SSI 57-22-40)	20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
57-22-00-220-807-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Spar 1/Leading edge attachments (SSI 57-22-43)	-	10000 FC	EMB-145XR	
57-22-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WINGLET components: • Front spar attachment points (SSI 57-22-46)	-	60 MOS	EMB-145XR	
57-22-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Spar 1, web and stiffeners (SSI 57-22-40)	-	30 MOS	EMB-135ER EMB-135LR EMB-135KE EMB-135KL	
57-23-00-210-802-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 2 cap (SSI 57-23-46)	20000 FC	10000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
57-23-00-210-803-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 2 cap (SSI 57-23-46)	20000 FC	10000 FC	EMB-145XR	
57-23-00-210-804-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 2 cap (SSI 57-23-46)	20000 FC	10000 FC	EMB-145XR	
57-23-00-220-801-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Spar 2/web and stiffeners (SSI 57-23-45)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
57-23-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Spar 2/web cutouts (SSI 57-23-47)	20000 FC	10000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
57-23-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WINGLET components: • Rear spar attachment points (SSI 57-23-50)	-	60 MOS	EMB-145XR	
57-24-00-210-801-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Spar 3 cap (SSI 57-24-50)	20000 FC	5000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL	
57-25-00-220-C01-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WINGLET components: • Rib 25 (SSI 57-25-57)	-	60 MOS	EMB-145XR	
57-25-00-220-C02-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Rib main box (SSI 57-25-53)	-	120 MOS	EMB-145XR	
57-25-00-220-C03-A00	CORROSION PROGRAM	DET	CPCP	Internally inspect the WING components: • Lower skin/rib attachment x (SSI 57-25-54)	96 MOS	60 MOS	EMB-145XR	
57-26-00-220-802-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56)	Applicable to A/C Pre-Mod. SB 145-57-0009.	-	500 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-135ER
57-26-00-220-802-A01	STRUCTURAL	DET	-	Externally inspect the WING components: • FWD & AFT side brace fittings - MLG (SSI 57-26-56)	Applicable to aircraft Pre-Mod. SB 145-57-0018.	-	2500 FC	EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135LR; EMB-135KE; EMB-135KL
57-26-00-250-804-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper trunnion (SSI 57-26-95)	Applicable only to Aft Upper Trunnion P/N: 145-67014-001/002/003/004/005/006/007/ 008 (Record LH P/N Installed: _____) (Record RH P/N Installed: _____)	20000 FC	16459 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-26-00-250-804-A01	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper trunnion (SSI 57-26-95) P/N: 145-67014-011/012	Applicable only to Aft Upper Trunnion P/N: 145-67014-011/012 (Record LH P/N Installed: _____) (Record RH P/N Installed: _____)	20000 FC	10413 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-26-00-250-804-A02	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Aft upper trunnion (SSI 57-26-95) P/N: 145-67014-009/010/013/014	Applicable only to trunnion P/N: 145-67014-009/010/013/014 (Record LH P/N Installed: _____) (Record RH P/N Installed: _____)	20000 FC	20000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL



AEROLITORAL S.A. DE C.V.
TALLER DGAC No. 122

Programa de Mantenimiento EMB-145

EMB 145 Maintenance Program

Código: **M-PME-01**

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SECCIÓN 15. TARES NO APLICABLES


"NOT APPLICABLE TASKS"

Fecha de Efectividad:

05-Abr-10

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Número de Tarea Task Number	Grupo Group	Tipo Type	Cat. Cat.	Descripción / Description	Umbral Thrsld.	Intervalo Interval	Efectividad Effect.
57-26-00-250-805-A00	STRUCTURAL	SDE	-	Externally inspect the WIING components using Eddy Current Inspection Method: • Fwd upper Trunnion (SSI 57-26-96)	20000 FC	20000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-26-00-250-806-A00	STRUCTURAL	SDE	-	Externally inspect the WIING components using Eddy Current Inspection Method: • Lower bearing cap (SSI 57-26-94)	-	22921 FC	EMB-145XR
57-26-00-250-807-A00	STRUCTURAL	SDE	-	Externally inspect the WIING components using Eddy Current Inspection Method: • Aft upper Trunnion (SSI 57-26-95)	-	30000 FC	EMB-145XR
57-26-00-250-810-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Lower Bearing Cap (SSI 57-26-94)	-	30000 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-26-00-250-811-A00	STRUCTURAL	SDE	-	Externally inspect the WING components using Eddy Current Inspection Method: • Forward Upper Trunnion (SSI 57-26-96)	-	22921 FC	EMB-145XR
57-28-00-210-810-A00	STRUCTURAL	GVI	-	Internally inspect the WING components: • Lower skin, torque box (SSI 57-28-58)	-	10000 FC	EMB-145XR
57-28-00-210-812-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Attachment lugs aileron (SSI 57-28-66)	-	3746 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-210-814-A00	STRUCTURAL	GVI	-	Externally inspect the WING components: • Ribs, torque box (SSI 57-28-60)	-	7229 FC	EMB-145XR
57-28-00-220-804-A00	STRUCTURAL	DET	-	Internally inspect the WING components: • Spar attachment torque box (SSI 57-28-57)	20000 FC	20000 FC	EMB-145XR; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-220-807-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Center track and rib15 trailing edge (SSI 57-28-69)	-	2000 FC	EMB-145EU; EMB-145EP; EMB-145ER; EMB-145LR; EMB-145LU; EMB-145MR; EMB-145MP; EMB-145MK; EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-28-00-220-809-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Center track and rib15 trailing edge (SSI 57-28-69)	-	3275 FC	EMB-145XR
57-28-00-220-810-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Upper skin, Torque box (SSI 57-28-61)	-	5445 FC	EMB-145XR
57-28-00-220-811-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • Attachment center flap outboard track (SSI 57-28-68)	-	3912 FC	EMB-145XR
57-28-00-220-812-A00	STRUCTURAL	DET	-	Externally inspect the WING components: • lower skin, torque box (SSI 57-28-58)	-	5000 FC	EMB-145XR
57-61-00-210-801-A00	STRUCTURAL	GVI	-	Externally inspect the AILERON components: Hinge attachment, aileron (SSI 57-61-89)	-	3622 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-61-00-220-806-A00	STRUCTURAL	DET	-	Internally Inspect the AILERON components: -Actuator attachment, aileron (SSI 57-61-90)	-	5738 FC	EMB-135ER; EMB-135LR; EMB-135KE; EMB-135KL
57-Z551-213-002-A00	ZONAL	GVI	-	External General Visual Inspection ZONES 551/651/561/661	WING	2C	EMB-145XR
57-Z551-214-002-A00	ZONAL	GVI	-	Internal General Visual Inspection ZONES 551/651/561/661. Access 551AB 551BB 551CB 551DB 551EB 551FT 551GB 651AB 651BB 651CB 651DB 651EB 651FT 651GB 651AL 561BB 651CL 551DL 661AR 661BB 661CR 651DR	WING NOTE: EWIS	2C	EMB-145XR
79-34-00-212-001-A01	SYSTEMS	GVI	6	Inspect Multi-Function Display for ENG1(2) OIL DEBRIS Maintenance Message (Applicable to aircraft equipped with AE3007 A1E Engine only)	-	70 FH	EMB-145XR


 <small>AEROLITORAL S.A. DE C.V. TALLER DGAC No. 122</small>	Programa de Mantenimiento EMB-145 EMB 145 Maintenance Program	Codigo: M-PME-01
	SECCIÓN 16. TAREAS INTERNAS	Revisión: 2 Fecha de Efectividad: 05-Abr-10 Page: 16 -1-1

LISTA DE TAREAS

A continuación se presenta un listado de tareas (Job Card) y tareas de AMM utilizadas en el Mantenimiento de Las aeronaves EMBRAER ERJ-145 desarrolladas por Aerolitoral.

JOB CARD	DESCRIPTION
JC256007ALE	Verify and Inventory of Emergency Equipment
JC237001ALE	Voice Cockpit Recorder Reading
JC282101ALE	Electrcal Fuel Pumps Inspection
313102ALE 145	Removal and installation of auxiliary flight data acquisition and management unit (AFDAMU) PCMCIA Card
34-61-00-470-801-A	FMS navigation data base (AMM task)
34-62-00-400-801-A	Dual fms navigation data base (AMM task)
34-62-00-400-802-A	Single fms navigation data (AMM task)
49-64-03-970-001-A00	Data readout from APU FADEC (AMM task)

A continuación se **Anexan** los formato de las tareas internas (Job Card) utilizados en el Mantenimiento de las aeronaves EMBRAER ERJ-145

 TALLER DGAC No. 122 REPAIR STATION NO. LVQY318F AEROLITORAL		<i>Job Card</i> EMERGENCY EMERGENCY EQUIPMENT		CLAVE F-GIN-23 Code REVISIÓN Rev 3 Revision
INTERVALO Interval 45 Days	H – H Hrs-Men 1	VERIFY AND INVENTORY OF EMERGENCY EQUIPMENT		FECHA DE EMISIÓN 01-Ago-08 Issue Date FECHA DE REVISIÓN 15-JUN-09 Revision Date
ZONA Zone 200	PANEL DE ACCESO Access Panel (s)	N° DE TAREA: Task number JC256007ALE R3	TAREA REEMPLAZADA Replaced Task N/A	

INSTRUCTIONS:

- 1.- Verify the emergency equipment according with the LOPA (It's into the pax cabin).
- 2.- Verify emergency equipment by condition.
- 3.- Verify emergency equipment by expiration date (when applicable). It is necessary that the either of expiration date are major to 2 months, in case that the expiration date are minor replace the component or if don't exist material for replace, make a discrepancy including part number, serial number, and expiration date.
- 4.- Verify the F-GIN-19 Internal Tag Control, are in good conditions (**Figure 1**). If it is found damaged, notify to Inspector in order to replace it.
- 5.- Verify the correct installation of equipment, if a discrepancy is found, repair or locate as necessary.

Registration:

COMPONENT	VERIFY
PORTABLE FIRE EXTINGUISHER	
PORTABLE FIRE EXTINGUISHER	
PORTABLE FIRE EXTINGUISHER	
PBE	
PBE	
PBE	
FIRST AID KIT (5 EA)	
SEAT BELT EXTENSION	
LIVE VEST (OBSERVER)	
LIVE VEST (ATTENDANT)	
LIVE VEST (PILOT)	
LIVE VEST (PILOT)	
PORTABLE OXYGEN CYLINDER (WITH MASK)	

EFFECTIVITY: ERJ-145 OF AEROLITORAL
SERIES: ALL

 TALLER DGAC No. 122 REPAIR STATION NO. LVQY318F AEROLITORAL		<i>Job Card</i> EMERGENCY EMERGENCY EQUIPMENT		CLAVE F-GIN-23 Code REVISIÓN Rev 3 Revisión
INTERVALO Interval 45 Days	H - H Hrs-Men 1	VERIFY AND INVENTORY OF EMERGENCY EQUIPMENT		FECHA DE EMISIÓN 01-Ago-08 Issue Date FECHA DE REVISIÓN 15-JUN-09 Revision Date
ZONA Zone 200	PANEL DE ACCESO Access Panel (s)	N° DE TAREA: Task number JC256007ALE R3	TAREA REEMPLAZADA Replaced Task N/A	

PORTABLE OXYGEN CYLINDER (WITH MASK)	
RECHARGABLE FLASHLIGHT (4EA)	
AXE	
FLIGHT CREW EMERGENCY ROPE (2EA)	
SMOKE GOGGLE (3EA)	
DEMONSTARTION KIT (1EA)	
OXYGEN MASK (OBSERVER)	
OXYGEN MASK (CREW)	
OXYGEN MASK (CREW)	
OXYGEN CYLINDER	
EMERGENCY LOCATOR TRANSMITTER & BATTERY	
BUILT-IN-FIRE EXTINGUISHER	
LIVE VEST (ALL PASSENGERS)	

Deliver this Job Card to Planning and Control Department.


Figure 1

 TALLER DGAC 122 REPAIR STATION NO. LVQY318F AEROLITORAL		CONTROL DE EQUIPO LIMITADO Limited equipment control	
Extinguidor Description			
NO. DE PARTE Part Number ABC-123	NO. DE SERIE Serial Number 4567		
PESO Weight 1.2 Kg	FECHA DE VENCIMIENTO DE PEBADO Max Weight Due Date 28-SEP-2003		
O H VENCIMIENTO O H Due Date 28-DIC-2003			
LIMITE DE VIDA / CALIDAD Use Limit Expiration Date 16-JUL-2007	Juan Pérez NOMBRE Y SELLO Name and Stamp		

Through carrying out this Job Card, gives effect to the following tasks, as applied according to counties in the MRB for each of them, and P/N of the components installed:

EFFECTIVITY: ERJ-145 OF AEROLITORAL
 SERIES: ALL

JC256007ALE

 TALLER DGAC No. 122 REPAIR STATION NO. LVQY318F AEROLITORAL		<i>Job Card</i> EMERGENCY EMERGENCY EQUIPMENT		CLAVE F-GIN-23 Code REVISIÓN Rev 3 Revision
INTERVALO Interval 45 Days	H - H Hrs-Men 1	VERIFY AND INVENTORY OF EMERGENCY EQUIPMENT		FECHA DE EMISIÓN 01-Ago-08 Issue Date FECHA DE REVISIÓN 15-JUN-09 Revision Date
ZONA Zone 200	PANEL DE ACCESO Access Panel (s)	N° DE TAREA: Task number JC256007ALE R3	TAREA REEMPLAZADA Replaced Task N/A	

25-60-00-212-001-A00	25-60-02-900-001-A00	25-60-02-900-001-A01	25-60-02-900-001-A02
25-60-02-900-001-A03	25-60-02-900-001-A04	26-24-00-211-001-A00	26-24-00-280-001-A00
26-24-01-720-001-A00	26-24-01-720-001-A01		


Inspections had been performed satisfactorily by Aerolitoral Authorized Personnel, who certified that all jobs had been performed in accordance with Maintenance Program approved by National Authority (DGAC).

Name		Lic. Num.
Date	Station	Signature

EFFECTIVITY: ERJ-145 OF AEROLITORAL
 SERIES: ALL

JC256007ALE

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 AEROLITORAL TALLER DGAC No. 122 REPAIR STATION NO. LVQY318F		<i>Job Card</i>		CLAVE F-GIN-23	
		COMMUNICATIONS AUDIO MONITORING		Code	Original
INTERVALO Interval	H - H Hrs-Men	EVALUATION OF CVR "COCKPIT VOICE RECORDER"			FECHA DE EMISIÓN 01-May-06 Issue Date
12 MOS	0.5				FECHA DE REVISIÓN 01-May-06 Revision Date
ZONA Zone	PANEL DE ACCESO Access Panel (s)	N° DE TAREA: Task number	TAREA REEMPLAZADA Replaced Task		
		JC237001ALE	N/A		

VOICE RECORDER
REMOVAL / EVALUATION / INSTALLATION

This task gives you the procedure to remove and install the cockpit voice recorder (CVR) and the procedure to evaluate the operation including audio levels and sound quality. The replaced voice recorder must be sent to workshop to listen it for audio quality.

A. GENERAL

- This section gives the procedures to remove/install the cockpit voice recorder (CVR).
- The procedures in this section are given in the sequence below.

B. PREPARATION

- (1) On the circuit breaker panel, open the CVR circuit breaker and attach a DO-NOT-CLOSE tag to it (Location Tip: ESSENTIAL DC BUS 2/COMM/CVR).
- (2) Put up the hydraulic platform at the necessary height.
- (3) Open access door 272DR (AMM 06-41-01/101).

C. REMOVAL

CAUTION:


- DO NOT TOUCH THE ELECTRICAL PINS OF THE CONNECTORS. DAMAGE CAN OCCUR TO THE INTERNAL ESDS COMPONENTS.
- USE ONLY PROTECTIVE CAPS FOR THE PROTECTION OF CONNECTOR PINS OR SOCKETS IN ELECTRICAL CONNECTORS. OTHER MATERIALS CAN CAUSE DAMAGE TO THE CONNECTOR PINS OR SOCKETS, OR LET UNWANTED MATERIALS STAY IN THE CONNECTOR.

- (1) Loosen the two knurled nuts (2) that attach the CVR (1) to the mounting rack (3).
- (2) Pull the CVR (1) forward to release it from the mounting tray (3).
- (3) Remove the CVR (1) from the mounting tray (3).
- (4) Put an ESD protective cap on the CVR electrical connector and on the tray connector.

EFFECTIVITY: ERJ-145 OF AEROLITORAL
SERIES: ALL

JC237001ALE

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 AEROLITORAL TALLER DGAC No. 122 REPAIR STATION NO. LVQY318F		<i>Job Card</i>		CLAVE F-GIN-23	
		COMMUNICATIONS		Code	
		AUDIO MONITORING		REVISIÓN Original	
		EVALUATION OF CVR "COCKPIT VOICE RECORDER"		FECHA DE EMISIÓN 01-May-06 Issue Date	
INTERVALO Interval		H - H Hrs-Men		FECHA DE REVISIÓN 01-May-06 Revision Date	
12 MOS		0.5			
ZONA Zone	PANEL DE ACCESO Access Panel (s)	N° DE TAREA: Task number	TAREA REEMPLAZADA Replaced Task		
		JC237001ALE	N/A		

D. EVALUATION

Send the CVR to workshop for evaluation and maintain the Report together with Installation records.

E. INSTALLATION

CAUTION: DO NOT TOUCH THE ELECTRICAL PINS OF THE CONNECTORS. DAMAGE CAN OCCUR TO THE INTERNAL ESDS COMPONENTS.

- (1) Remove the ESD protective cap from the CVR electrical connector and from the tray connector.
- (2) Put the CVR (1) on the mounting rack (3).
- (3) Carefully push the CVR (1) to the rear of the mounting rack (3).
- (4) Make sure that the connector of the mounting rack (3) and the connector of the CVR (1) connect correctly to each other.
- (5) Tighten the two knurled nuts (2) to attach the CVR (1) to the mounting rack (3).

F. FOLLOW ON

- (1) On the circuit breaker panel, close the CVR circuit breaker and remove the DO-NOTCLOSE tag from it (Location Tip: ESSENTIAL DC BUS 2/COMM/CVR).
- (2) Do the voice recording system operational test (TASK 23-71-00-700-802-A).
- (3) Close access door 272DR (AMM 06-41-01/101).
- (4) Remove the hydraulic platform.


Instructions had been performed satisfactorily by Aerolitoral Authorized Personnel, who certified that all jobs had been performed in accordance with Maintenance Program approved by National Authority (DGAC).

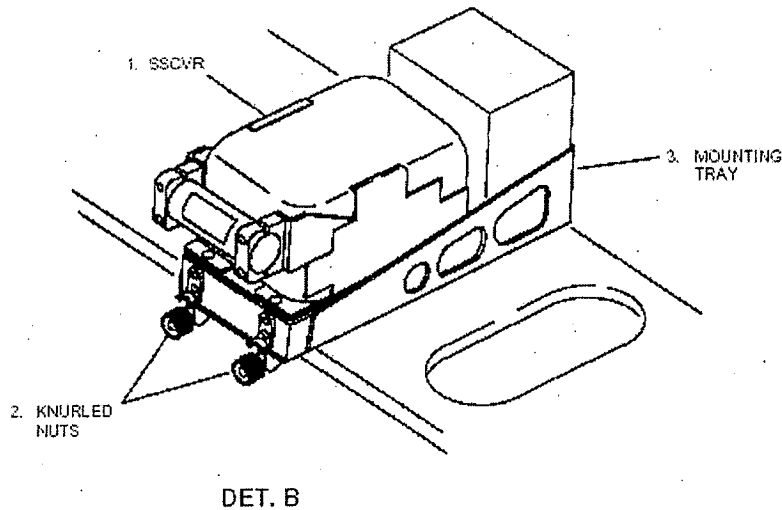
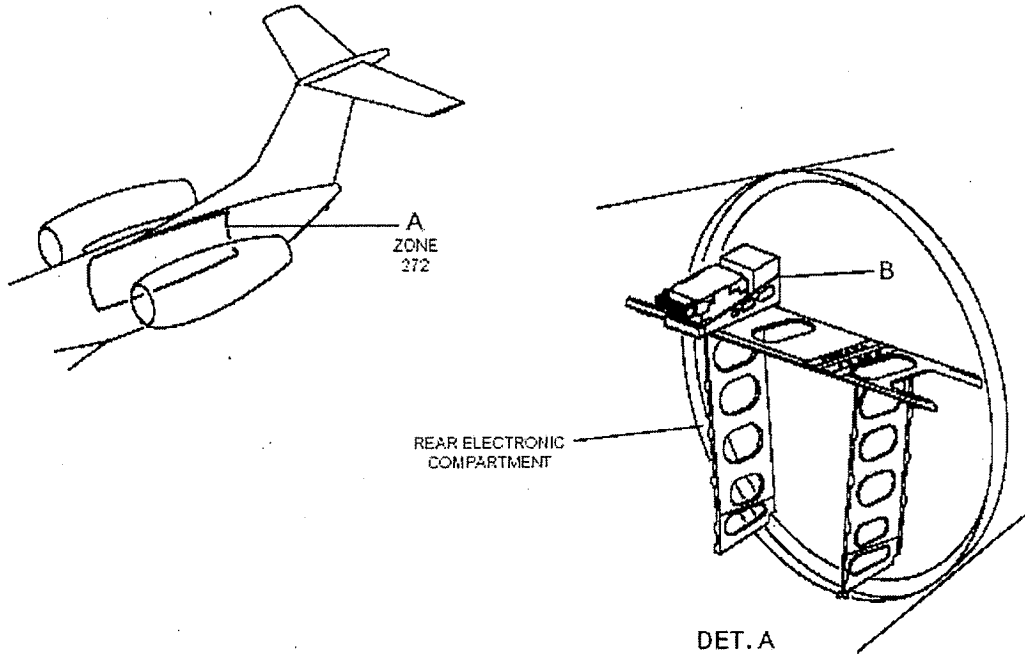
Name		Lic. Num.	
Date	Station	Signature	

EFFECTIVITY: ERJ-145 OF AEROLITORAL
SERIES: ALL

JC237001ALE

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 AEROLITORAL TALLER DGAC No. 122 REPAIR STATION NO LVQY318F		Job Card		CLAVE F-GIN-23	
		COMMUNICATIONS AUDIO MONITORING		Code REVISIÓN Original Revision	
INTERVALO Interval	H - H Hrs-Men	EVALUATION OF CVR "COCKPIT VOICE RECORDER"			FECHA DE EMISIÓN 01-May-06 Issue Date FECHA DE REVISIÓN 01-May-06 Revision Date
12 MOS	0.5				
ZONA Zone	PANEL DE ACCESO Access Panel (s)	Nº DE TAREA: Task number	TAREA REEMPLAZADA Replaced Task		
		JC237001ALE	N/A		




1454MM230085.MCE.A

Solid State Cockpit Voice Recorder (SSCVR) - Removal/Installation
Figure 401

EFFECTIVITY: ERJ-145 OF AEROLITORAL
SERIES: ALL

JC237001ALE

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 Embraer TALLER DGAC No. 122 AEROLITORAL		<i>Job Card</i>		CLAVE F-GIN-23 Code REVISIÓN R1 Revision
		Electrical Fuel Pump Inspection		
INTERVALO Interval Follow MIE145-28-001R2	H – H Hrs-Men 1.50	Fuel System.		FECHA DE EMISIÓN 04-19-06 Issue Date March 16, 2006 FECHA DE REVISIÓN Revision Date September 17, 2008
ZONA Zone 155-157	PANEL DE ACCESO Access Panel (s) 192BR,192AL(only MP/ER´s) 155DZ,156DZ (only LR/LU´s)	N° DE TAREA: Task number JC282101ALER2	TAREA REEMPLAZADA Replaced Task JC282101ALER1	

General:

This task gives the procedure to inspect the electrical connectors of the fuel pump on aircraft, in order to comply with requirements from "FAA AD 2005-13-22 and BAD 2000-08-01R", as outlined in MIE 145-28-001R2.

AIRCRAFT TAIL S/N

Previous the Engineering Order accomplishment, verify:

Required tools are available.

Required Equipment are available.

Material and/or components are available.


Technical
Licensed No, Signature Inspector
Stamp

A. Make sure that the aircraft is safe for maintenance.		
B. On the circuit breaker panel, open the Fuel Pumps-1A,1B,1C(2A,2B,2C) circuit breakers and attach a DO-NOT-CLOSE red tag F-ING-06		
C. Removed access panels 192BR, 192AL applicable to MP/EP Models; if the A/C is model LR/LU removed access panels 155DZ, 156DZ to get access to electrical connectors.		
D. Disconnect the fuel pump electrical connectors from mating aircraft connectors, cutting thermofit to have a better evaluation		
E. Perform a visual inspection for general condition on electrical connectors of the electrical fuel pump. Refer to fig 1 sheet 01 of 03 or sheet 02 of 03 taking account A/C model.		
1) If there is any evidence of corrosion, such as surface irregularities or visual damage to the surface plating, and /or, if one or more pins are blackened, and/or if the connector elastomeric insert (surface material surrounding pins) has visible cracks or evidence of erosion or charring(blackened or burnt surface proceed as follows see figure 1 sheet 03 of 03: i) Replace damaged electric fuel pump P/N 2C7-4 with another one bearing the same Part Number. Refer to the applicable AMM Chapter 28-21-01 (TASK28-21-01-000-801-A or TASK 28-21-01-000-802-A for removal and TASK28-21-01-400-801-A or Task 28-21-01-400-802-A for installation, as applicable)- Fuel		

EFFECTIVITY: EMBRAER 145
060,065,083,089,090,203,240,313,322,337,400,406,420,426,434,440,444,456,475,498
510,559,564,570,574,580,588,601,795,798,00803,00852,008601

JC282101ALER2

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SEPTEMBER 17 ,2008

 Embraer TALLER DGAC No. 122 AEROLITORAL		Job Card		CLAVE F-GIN-23 Code REVISIÓN R1 Revision
		Electrical Fuel Pump Inspection		
INTERVALO Interval Follow MIE145-28-001R2	H – H Hrs-Men 1.50	Fuel System.		FECHA DE EMISIÓN 04-19-06 Issue Date March 16, 2006 FECHA DE REVISIÓN Revision Date September 17, 2008
ZONA Zone 155-157	PANEL DE ACCESO Access Panel (s) 192BR,192AL(only MP/ER´s) 155DZ,156DZ (only LR/LU´s)	N° DE TAREA: Task number JC282101ALER2	TAREA REEMPLAZADA Replaced Task JC282101ALER1	

Continuation....

Technical Licensed No, Signature Inspector Stamp

ii). Perform a visual inspection on the mating aircraft connectors: - If there are signs of damage, replace affected mating aircraft connector P/N MS3476L14-4S with new ones bearing, the same P/N according to the instructions of Wiring Manual- Chapters 20-00-03 and 20-50-01-Standard Practices- Airframe and 91-10-02-Vendor List. For electrical interconnections, see Wiring Manual-Chapter 28-21-50 or 28-21-51 as applicable-Fuel - If there are no signs of damage, replace only socket contacts P/N M39029/25-118 with new ones bearing, the same P/N according to instructions of the Wiring Manual-Chapters 20-00-03 and 20-50-01-Standard Practices Airframe and 91-10-02-Vendor list.		
F. If no discrepancy is found, apply the anti-corrosive spray P/N MIL-L-8177A TYPE I, GRADE B) to the electric connectors. The product must cover the contacts without excess of spray.		
G. Cover the connector with thermo restraining boot, covering cannon. Refer to AMM 28-21-01-401. Warning: Obey the safety precautions given in WM 20-10-00 to use the heating gun. Explosions can occur if you use the heating gun incorrectly near flammable material or fluid vents.		
H. Connect the electric connector. If applicable, heat the thermo restraining boot with a heating gun or similar equipment. Refer toAMM 28-21-01/401		
I. Reinstall the fuel pump electrical connectors to the matting aircraft connectors.		
J. Restore the aircraft to normal reordering the task performed in accordance with MIE145-28-001R1		


Reason of revision

R1: Aircraft serial numbers added per aircraft incorporation,

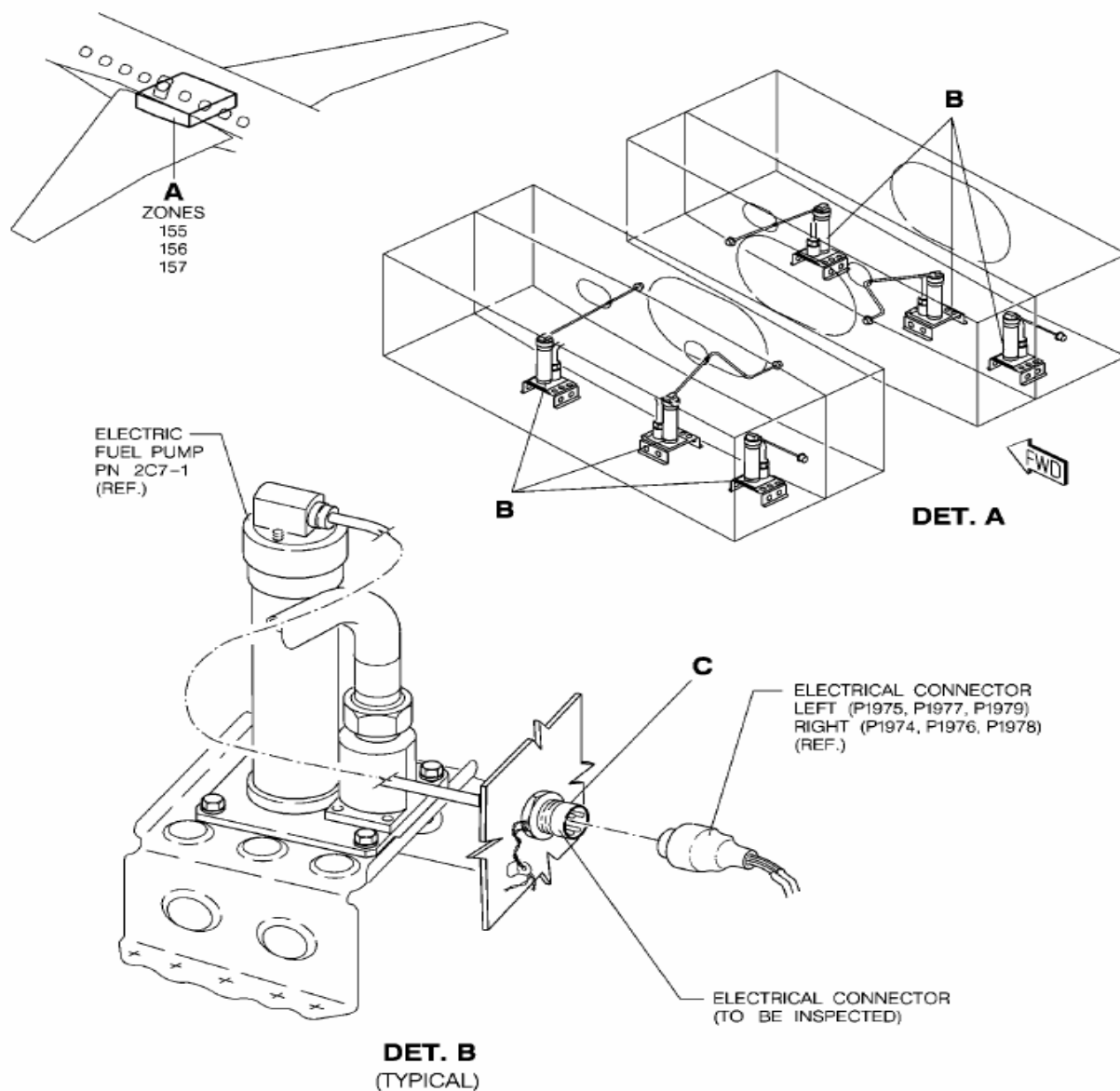
EFFECTIVITY: EMBRAER 145
060,065,083,089,090,203,240,313,322,337,400,406,420,426,434,440,444,456,475,498
510,559,564,570,574,580,588,601,795,798,00803,00852,008601

JC282101ALER2

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SEPTEMBER 17 ,2008


 TALLER DGAC No. 122 AEROLITORAL		Job Card Electrical Fuel Pump Inspection		CLAVE F-GIN-23 Code REVISIÓN R1 Revision
INTERVALO Interval Follow MIE145-28-001R2	H - H Hrs-Men 1.50	Fuel System.		FECHA DE EMISIÓN 04-19-06 Issue Date March 16, 2006 FECHA DE REVISIÓN Revision Date September 17, 2008
ZONA Zone 155-157	PANEL DE ACCESO Access Panel (s) 192BR,192AL(only MP/ER's) 155DZ,156DZ (only LR/LU's)	N° DE TAREA: Task number JC282101ALER2	TAREA REEMPLAZADA Replaced Task JC282101ALER1	

R2: Aircraft serial numbers added per new aircraft incorporation to the fleet.
 item G, description revised to to clarify how cannon nut shall be covered with thermo fit.

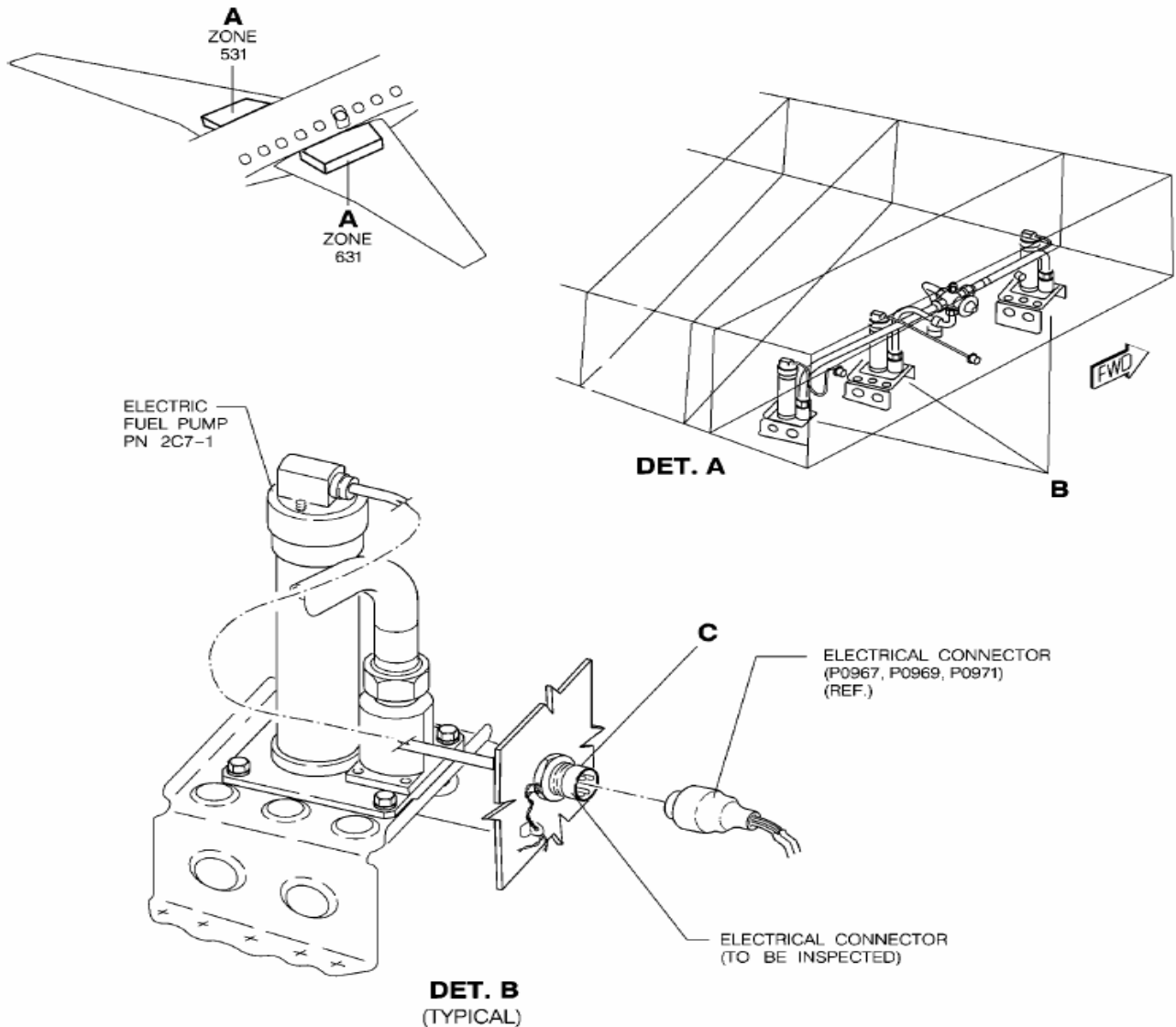


APPLICABLE TO EMB-145 LR/LU

FIGURE 1: INSPECTION ON THE ELECTRICAL CONNECTORS OF THE ELECTRIC FUEL PUMP

 Embraer TALLER DGAC No. 122 AEROLITORAL		Job Card Electrical Fuel Pump Inspection		CLAVE F-GIN-23 Code REVISIÓN R1 Revision
INTERVALO Interval Follow MIE145-28-001R2	H - H Hrs-Men 1.50	Fuel System.		FECHA DE EMISIÓN 04-19-06 Issue Date March 16, 2006 FECHA DE REVISIÓN Revision Date September 17, 2008
ZONA Zone 155-157	PANEL DE ACCESO Access Panel (s) 192BR,192AL(only MP/ER's) 155DZ,156DZ (only LR/LU's)	N° DE TAREA: Task number JC282101ALER2	TAREA REEMPLAZADA Replaced Task JC282101ALER1	

(SHEET 01 OF 03)




APPLICABLE TO EMB-145 MP/EP
 FIGURE 1: INSPECTION ON THE ELECTRICAL CONNECTORS OF THE ELECTRIC FUEL PUMP

EFFECTIVITY: EMBRAER 145
 060,065,083,089,090,203,240,313,322,337,400,406,420,426,434,440,444,456,475,498
 510,559,564,570,574,580,588,601,795,798,00803,00852,008601

JC282101ALER2

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 Embraer TALLER DGAC No. 122 AEROLITORAL		Job Card		CLAVE F-GIN-23 Code REVISIÓN R1 Revision
INTERVALO Interval Follow MIE145-28-001R2		H – H Hrs-Men 1.50		FECHA DE EMISIÓN 04-19-06 Issue Date March 16, 2006 FECHA DE REVISIÓN Revision Date September 17, 2008
ZONA Zone 155-157	PANEL DE ACCESO Access Panel (s) 192BR,192AL(only MP/ER's) 155DZ,156DZ (only LR/LU's)	N° DE TAREA: Task number JC282101ALER2	TAREA REEMPLAZADA Replaced Task JC282101ALER1	

(SHEET 02 OF 03)

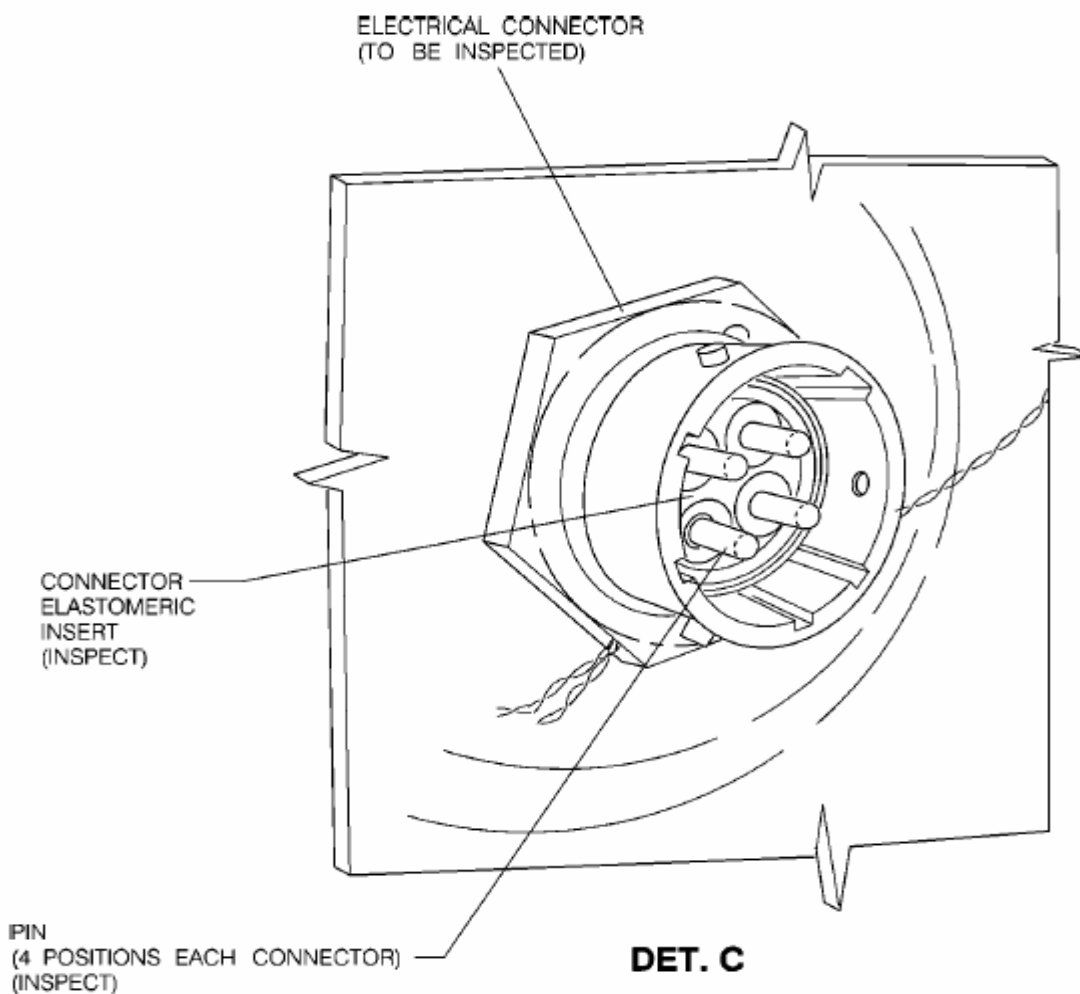



FIGURE 1: INSPECTION ON THE ELECTRICAL CONNECTORS OF THE ELECTRIC FUEL PUMP

EFFECTIVITY: EMBRAER 145
060,065,083,089,090,203,240,313,322,337,400,406,420,426,434,440,444,456,475,498
510,559,564,570,574,580,588,601,795,798,00803,00852,008601

JC282101ALER2

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SEPTEMBER 17 ,2008


 Embraer TALLER DGAC No. 122 AEROLITORAL		<i>Job Card</i>		CLAVE F-GIN-23 Code REVISIÓN R1 Revision
		Electrical Fuel Pump Inspection		
INTERVALO Interval Follow MIE145-28-001R2	H – H Hrs-Men 1.50	Fuel System.		FECHA DE EMISIÓN 04-19-06 Issue Date March 16, 2006 FECHA DE REVISIÓN Revision Date September 17, 2008
ZONA Zone 155-157	PANEL DE ACCESO Access Panel (s) 192BR,192AL(only MP/ER's) 155DZ,156DZ (only LR/LU's)	N° DE TAREA: Task number JC282101ALER2	TAREA REEMPLAZADA Replaced Task JC282101ALER1	

(SHEET 03 OF 03)

EFFECTIVITY: EMBRAER 145
060,065,083,089,090,203,240,313,322,337,400,406,420,426,434,440,444,456,475,498
510,559,564,570,574,580,588,601,795,798,00803,00852,008601

JC282101ALER2

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SEPTEMBER 17 ,2008

 <small>AEROLITORAL S.A. DE C.V. TALLER DGAC No. 122</small>	<i>Job Card</i>		CLAVE: F-GIN-23 Code: NÚMERO DE REVISIÓN: 1 Revision: FECHA DE REVISIÓN: 10-MAR-08 Revision Date:		
	RECORDING Indicating and Recording System				
INTERVALO: Interval: 150 Hours	H - H: Hrs-Men: 0.30	Removal and Installation of Auxiliary Flight Data Acquisition and Management Unit (AFDAMU) PCMCIA Card		ZONA: Zone: 272	PANEL DE ACCESO: Access Panel (s): 272DR
No. DE TAREA: Task Number : 313102ALE 145		No. DE ORDEN DE INGENIERÍA: Engineering Order Number: N/A		REQUERIDO POR: Required by: AEROLITORAL AD: SB:	

This task apply to:

Aircraft A/C Registration: _____ Date: _____

Component P/N: _____ S/N: _____ Position: _____

1. General

This task gives the procedure to remove and install the AFDAMU PCMCIA Card and advise to Security Department that it was removed of A/C Registration.

NOTE: This task just apply to A/Cs with the OIE145-31-002 and Task 313101ALE "Installation of Auxiliary Flight Data Acquisition and Management Unit (AFDAMU) P/N ED35E109-04-00" incorporated.

A. Material, Equipment and Tools.

- KIT's: None
- Material: None
- Consumables

NEW P/N	DESCRIPTION	QTY RQD	DISP/ Notes
SG9PC1GSMB4I	PCMCIA FLASH MEMORY CARD 1 GB (Industrial ATA PC Card)	01	The PCMCIA CARD removed of AFDAMU MUST BE SENT TO MTY WAREHOUSE
MC083	Masking tape (1 inch)	2.5 in	

- Equipment and Tools:

ITEM P/N	DESCRIPTION	QTY RQD
GSE 036 (AGE-00919-401)	Hydraulic Platform or Equivalent Platform or Stair	01

EFFECTIVIDAD: All EMB-145 Model

Effectivity

SERIAL

A/C Registration (Serial Number)


XA-LLI (145060), XA-MLI (145065), XA-NLI (145083), XA-OLI (145089), XA-PLI (145090), XA-GLI (145203), XA-KAC (145322), XA-HLI (145337), XA-YLI (145400), XA-ZLI (145420), XA-WLI (145434), XA-FLI (145444), XA-JLI (145440), XA-KLI (145426), XA-XLI (145456), XA-RLI (145559), XA-ILI (145564), XA-ULI (145570), XA-VLI (145574), XA-SLI (145580), XA-QLI (145588), XA-TLI (145601), XA-ALI (145795), XA-BLI (145798), XA-CLI (14500803), XA-DLI (14500852), XA-ELI (14500861)

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June 19th, 2008

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 <small>AEROLITORAL S.A. DE C.V. TALLER DGAC No. 122</small>	<i>Job Card</i>		CLAVE: F-GIN-23 <small>Code:</small> NÚMERO DE REVISIÓN: 1 <small>Revision:</small> FECHA DE REVISIÓN: 10-MAR-08 <small>Revision Date:</small>	
	RECORDING Indicating and Recording System		ZONA: <small>Zone:</small> 272	
INTERVALO: <small>Interval:</small> 150 Hours	H - H: <small>Hrs-Men:</small> 0.30	Removal and Installation of Auxiliary Flight Data Acquisition and Management Unit (AFDAMU) PCMCIA Card		PANEL DE ACCESO: <small>Access Panel (s):</small> 272DR
No. DE TAREA: <small>Task Number :</small> 313102ALE 145		No. DE ORDEN DE INGENIERÍA: <small>Engineering Order Number:</small> N/A		REQUERIDO POR: <small>Required by:</small> AEROLITORAL <small>AD:</small> SB:

This task apply to:

Aircraft **A/C Registration:** _____ **Date:** _____

Component **P/N:** _____ **S/N:** _____ **Position:** _____

2. Procedure

The steps below outline the general accomplishment instructions.

DESCRIPTION

- A. Make sure that the aircraft is safe for maintenance.
- B. Energize the aircraft with the External DC Power Supply (TASK 20-40-01-860-801-A).
- C. Make at the cockpit, on the circuit breaker panel, that the FDAU circuit breaker is closed, see Figure No. 1.
- D. Put up the hydraulic platform (GSE 036) or equivalent platform or Stair at the necessary height.
- E. Open the 272DR to get access to the aft avionics compartment (AMM 06-41-01/101).
- F. AFDAMU PCMCIA Card – Removal, see Figure No. 2
 - (a) On the AFDAMU (1) front panel, push down the lock release switch (7) to unlock the AFDAMU access door (6) and open it.
 - (b) Push the release button (3) to eject the AFDAMU PCMCIA card (2) from the AFDAMU PCMCIA card slot (4).
 - (c) Remove the AFDAMU PCMCIA card (2) from the AFDAMU PCMCIA card slot (4).


Tech. Cert. No. Signature	Insp. Stamp

EFFECTIVIDAD: All EMB-145 Model

Effectivity
SERIAL
 A/C Registration (Serial Number)
 XA-LLI (145060), XA-MLI (145065), XA-NLI (145083), XA-OLI (145089), XA-PLI (145090), XA-GLI (145203), XA-KAC (145322), XA-HLI (145337), XA-YLI (145400), XA-ZLI (145420), XA-WLI (145434), XA-FLI (145444), XA-JLI (145440), XA-KLI (145426), XA-XLI (145456), XA-RLI (145559), XA-ILI (145564), XA-ULI (145570), XA-VLI (145574), XA-SLI (145580), XA-QLI (145588), XA-TLI (145601), XA-ALI (145795), XA-BLI (145798), XA-CLI (14500803), XA-DLI (14500852), XA-ELI (14500861)

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 June 19th, 2008
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 <small>AEROLITORAL S.A. DE C.V. TALLER DGAC No. 122</small>	<i>Job Card</i>		CLAVE: F-GIN-23 <small>Code:</small> NÚMERO DE REVISIÓN: 1 <small>Revision:</small> FECHA DE REVISIÓN: 10-MAR-08 <small>Revision Date:</small>		
	RECORDING Indicating and Recording System				
INTERVALO: <small>Interval:</small> 150 Hours	H - H: <small>Hrs-Men:</small> 0.30	Removal and Installation of Auxiliary Flight Data Acquisition and Management Unit (AFDAMU) PCMCIA Card		ZONA: <small>Zone:</small> 272	PANEL DE ACCESO: <small>Access Panel (s):</small> 272DR
No. DE TAREA: <small>Task Number :</small> 313102ALE 145		No. DE ORDEN DE INGENIERÍA: <small>Engineering Order Number:</small> N/A		REQUERIDO POR: <small>Required by:</small> AEROLITORAL <small>AD:</small> SB:	

This task apply to:

Aircraft **A/C Registration:** _____ **Date:** _____

Component **P/N:** _____ **S/N:** _____ **Position:** _____

2. Procedure (cont.)

DESCRIPTION

G. AFDAMU PCMCIA Card – Install, see Figure No. 2

- (a) Install the AFDAMU PCMCIA card (2) in the AFDAMU PCMCIA card slot (4), with the label facing the AFDAMU handle.

NOTE:

- When you insert the AFDAMU PCMCIA card to the AFDAMU PCMCIA card slot, the green color status LED blinks at a higher frequency (1 Hz approximately), as a manner of recognize the card during the loading procedure. The green color status LED stay **ON** after the loading procedure until the QAR is powered off
- If the AFDAMU PCMCIA card is not full, the green color status LED will go out.
- If the AFDAMU PCMCIA card is not correctly formatted, the amber color status LED comes on, close the AFDAMU PCMCIA unit access door and push to lock it. De-energize the aircraft (TASK 20-40-01-860-801-A) a minimum of 60 seconds, energize the aircraft with the External DC Power Supply (TASK 20-40-01-860 - 801-A), open the AFDAMU PCMCIA unit access door and verify the green color status LED, if the ambar color status LED still on, replace it with a new one.


- (b) Close the AFDAMU PCMCIA unit access door and push to lock it.

Tech. Cert. No. Signature	Insp. Stamp

EFFECTIVIDAD: All EMB-145 Model <small>Effectivity</small> SERIAL <small>A/C Registration (Serial Number)</small> XA-LLI (145060), XA-MLI (145065), XA-NLI (145083), XA-OLI (145089), XA-PLI (145090), XA-GLI (145203), XA-KAC (145322), XA-HLI (145337), XA-YLI (145400), XA-ZLI (145420), XA-WLI (145434), XA-FLI (145444), XA-JLI (145440), XA-KLI (145426), XA-XLI (145456), XA-RLI (145559), XA-ILI (145564), XA-ULI (145570), XA-VLI (145574), XA-SLI (145580), XA-QLI (145588), XA-TLI (145601), XA-ALI (145795), XA-BLI (145798), XA-CLI (14500803), XA-DLI (14500852), XA-ELI (14500861)

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 <small>AEROLITORAL S.A. DE C.V. TALLER DGAC No. 122</small>	<i>Job Card</i>		CLAVE: F-GIN-23 <small>Code:</small> NÚMERO DE REVISIÓN: 1 <small>Revision:</small> FECHA DE REVISIÓN: 10-MAR-08 <small>Revision Date:</small>		
	RECORDING Indicating and Recording System				
INTERVALO: <small>Interval:</small> 150 Hours	H - H: <small>Hrs-Men:</small> 0.30	Removal and Installation of Auxiliary Flight Data Acquisition and Management Unit (AFDAMU) PCMCIA Card		ZONA: <small>Zone:</small> 272	PANEL DE ACCESO: <small>Access Panel (s):</small> 272DR
No. DE TAREA: <small>Task Number :</small> 313102ALE 145		No. DE ORDEN DE INGENIERÍA: <small>Engineering Order Number:</small> N/A		REQUERIDO POR: <small>Required by:</small> AEROLITORAL <small>AD:</small> SB:	

This task apply to:

Aircraft **A/C Registration:** _____ **Date:** _____

Component **P/N:** _____ **S/N:** _____ **Position:** _____

2. Procedure (cont.)

DESCRIPTION

H. Put a 2.5 inch of masking tape (MC083 or equivalent) to PCMCIA card removed and label it with A/C Registration and removal date.
 (example: XA-OLI
 15-Mar-08)

(a) Pack the PCMCIA card removed with the bag and carton box of new PCMCIA card installed and send it to the MTY warehouse.

NOTE: Send a E-mail to Security Department (frojas@amconnect and jlugo@amconnect) to advise that one PCMCIA card was removed of A/C Registration.

I. Close access door 272DR (AMM 06-41-01/101).

J. Remove the hydraulic platform (GSE 036) or equivalent platform or Stair.

K. Deenergize the aircraft (TASK 20-40-01-860-801-A).

L. Enter the accomplishment of this Task 313102ALE 145 in the applicable document.


- Record at the aircraft log book, the information of task(s) performed and its description as it is shown in the paragraph below.
- Performed Task # 313102ALE 145, Description: Removal and Installation of Auxiliary Flight Data Acquisition and Management Unit (AFDAMU) PCMCIA Card.
- Must fill the format RAMCO Technical Log (F-GIN-40).

Tech. Cert. No. Signature	Insp. Stamp

EFFECTIVIDAD: All EMB-145 Model <small>Effectivity</small> SERIAL <small>A/C Registration (Serial Number)</small> XA-LLI (145060), XA-MLI (145065), XA-NLI (145083), XA-OLI (145089), XA-PLI (145090), XA-GLI (145203), XA-KAC (145322), XA-HLI (145337), XA-YLI (145400), XA-ZLI (145420), XA-WLI (145434), XA-FLI (145444), XA-JLI (145440), XA-KLI (145426), XA-XLI (145456), XA-RLI (145559), XA-ILI (145564), XA-ULI (145570), XA-VLI (145574), XA-SLI (145580), XA-QLI (145588), XA-TLI (145601), XA-ALI (145795), XA-BLI (145798), XA-CLI (14500803), XA-DLI (14500852), XA-ELI (14500861)

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 June 19th, 2008
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 <small>AEROLITORAL S.A. DE C.V. TALLER DGAC No. 122</small>	<i>Job Card</i>		CLAVE: F-GIN-23 Code: NÚMERO DE REVISIÓN: 1 Revision: FECHA DE REVISIÓN: 10-MAR-08 Revision Date:		
	RECORDING Indicating and Recording System				
INTERVALO: Interval: 150 Hours	H - H: Hrs-Men: 0.30	Removal and Installation of Auxiliary Flight Data Acquisition and Management Unit (AFDAMU) PCMCIA Card		ZONA: Zone: 272	PANEL DE ACCESO: Access Panel (s): 272DR
No. DE TAREA: Task Number : 313102ALE 145		No. DE ORDEN DE INGENIERÍA: Engineering Order Number: N/A		REQUERIDO POR: Required by: AEROLITORAL AD: SB:	

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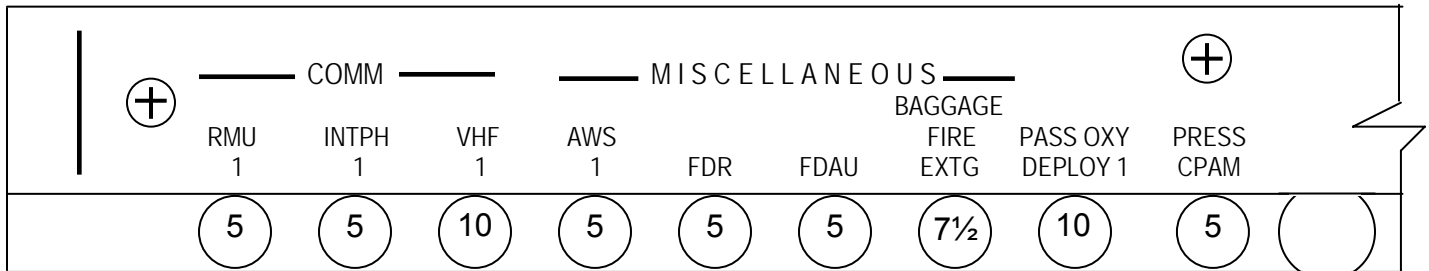


Figure No. 1: FDAU CIRCUIT BREAKER - Location (Sheet 01 of 01)

EFFECTIVIDAD: All EMB-145 Model

Effectivity


SERIAL

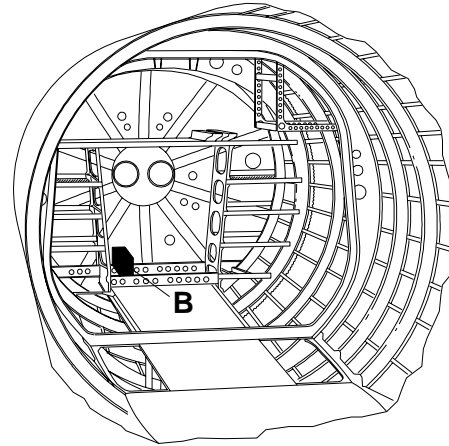
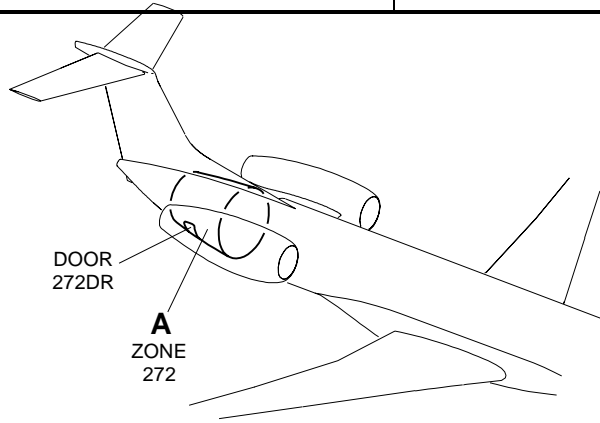
A/C Registration (Serial Number)

XA-LLI (145060), XA-MLI (145065), XA-NLI (145083), XA-OLI (145089), XA-PLI (145090), XA-GLI (145203), XA-KAC (145322), XA-HLI (145337), XA-YLI (145400), XA-ZLI (145420), XA-WLI (145434), XA-FLI (145444), XA-JLI (145440), XA-KLI (145426), XA-XLI (145456), XA-RLI (145559), XA-ILI (145564), XA-ULI (145570), XA-VLI (145574), XA-SLI (145580), XA-QLI (145588), XA-TLI (145601), XA-ALI (145795), XA-BLI (145798), XA-CLI (14500803), XA-DLI (14500852), XA-ELI (14500861)

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 <small>AEROLITORAL S.A. DE C.V. TALLER DGAC No. 122</small>		Job Card		CLAVE: F-GIN-23 Code: NÚMERO DE REVISIÓN: 1 Revision: FECHA DE REVISIÓN: 10-MAR-08 Revision Date:	
INTERVALO: Interval: 150 Hours		H - H: Hrs-Men: 0.30		RECORDING Indicating and Recording System	
No. DE TAREA: Task Number : 313102ALE 145		No. DE ORDEN DE INGENIERÍA: Engineering Order Number: N/A		REQUERIDO POR: Required by: AEROLITORAL AD: SB:	
Removal and Installation of Auxiliary Flight Data Acquisition and Management Unit (AFDAMU) PCMCIA Card				ZONA: Zone: 272	
				PANEL DE ACCESO: Access Panel (s): 272DR	



DET. A

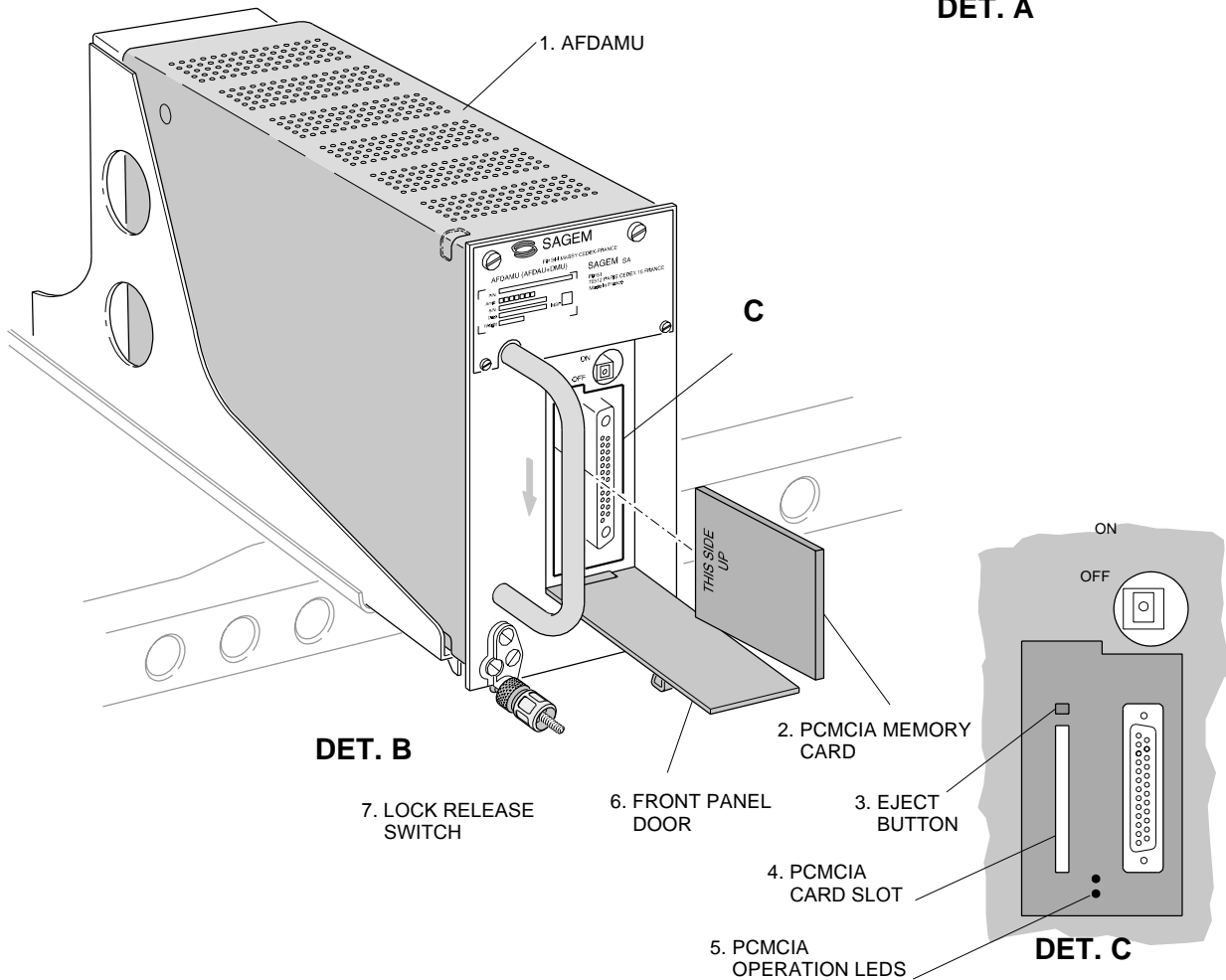


Figure No. 2: AFDAMU PCMCIA CARD - Removal/Installation (Sheet 01 of 01)

EFFECTIVIDAD: All EMB-145 Model Effectivity SERIAL A/C Registration (Serial Number) XA-LLI (145060), XA-MLI (145065), XA-NLI (145083), XA-OLI (145089), XA-PLI (145090), XA-GLI (145203), XA-KAC (145322), XA-HLI (145337), XA-YLI (145400), XA-ZLI (145420), XA-WLI (145434), XA-FLI (145444), XA-JLI (145440), XA-KLI (145426), XA-XLI (145456), XA-RLI (145559), XA-ILI (145564), XA-ULI (145570), XA-VLI (145574), XA-SLI (145580), XA-QLI (145588), XA-TLI (145601), XA-ALI (145795), XA-BLI (145798), XA-CLI (14500803), XA-DLI (14500852), XA-ELI (14500861)

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