
CHAPTER - 05 HIGHLIGHTS
(Summary of Changes)*Revision No. TR05-16 Jul 27/17*

TO: HOLDERS OF THE AIRCRAFT MAINTENANCE MANUAL (06-117751)

Pages that have been added or revised are summarized below. Remove and insert the affected pages as listed, and enter the above revision number with issue date into the Record of Revisions sheet.

This Temporary Revision incorporates and supersedes previously released temporary revisions for the chapters listed below.

Do not remove this page. Keep it in place as a record of previous changes.

CH/SE/SU Page Block No.	Description of Change
05-10-10 PgBlk 1	Revised Table 1, Secondary Outflow Valve filter replacement to delete 48 month Inspection.
05-20-20 PgBlk 1	Deleted 48 month Secondary Outflow Valve Filter Replacement. Kept 1,200 hour requirement.
05-30-41 PgBlk 601	Added secondary outflow filter inspection to cabin zonal inspection.

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TIME LIMITED MAINTENANCE REQUIREMENTS

AMM-05-10-10-081-801

1. General

SUBTASK AMM-05-10-10-081-211-001

A. Time limited maintenance requirements

NOTE: Also see Airworthiness Limitations. Refer to [AMM-04-00-00-081-801 – Airworthiness Limitations](#).

B. Inspection Grace Periods

The specific aircraft systems/items included in [Table 1](#) are intended to be inspected at the inspection intervals listed. In order to provide scheduling flexibility, the inspection intervals may be exceeded by the applicable grace periods as provided in [Table 1](#). The inspection intervals plus applicable grace periods must not be exceeded without approval of the operator's regulatory authority.

Table 1. Time Limited Maintenance Requirements

System/Item	Task	Interval
Chapter 21 – Air Conditioning		
<ul style="list-style-type: none"> Secondary Outflow valve filter 	<ul style="list-style-type: none"> Discard 	<ul style="list-style-type: none"> 1200 hours – Grace Period: <i>50 hours</i>
<ul style="list-style-type: none"> VCS-GDCA Compressor Pallet Assembly P/N: 2188131 	<ul style="list-style-type: none"> Change gear box oil 	<ul style="list-style-type: none"> At first 300 hours – Grace Period: <i>30 hours</i> <p><u>NOTE</u>: This task is required only once after the first 300 hours of operation. Refer to AMM-21-00-00-061-B-801 – Air Conditioning - Servicing.</p>

EFFECTIVITY: ALL

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System/Item	Task	Interval
Chapter 22 — Autoflight		
<ul style="list-style-type: none"> Pitch Servo Clutch 	<ul style="list-style-type: none"> Check/Adjust the Pitch Servo Clutch torque . Refer to AMM-22-10-11-071-801 – Pitch Servo Clutch - Adjustment/Test. 	<ul style="list-style-type: none"> 1200 hours – Grace Period: <i>50 hours</i>
Chapter 25 — Equipment and Furnishings		
<ul style="list-style-type: none"> Artex ME406 ELT 	<ul style="list-style-type: none"> Self test. Refer to AMM-25-60-00-071-801 – Emergency Equipment - Adjustment/Test. Inspect per FAR 91.207 Replace battery 	<ul style="list-style-type: none"> 12 calendar months – Grace Period: <i>None</i> 12 calendar months – Grace Period: <i>None</i> Replace in accordance with manufacturer's service life.
<ul style="list-style-type: none"> Portable cockpit/cabin fire extinguisher H3R model RT A600 	<ul style="list-style-type: none"> Inspect extinguisher. Refer to AMM-25-60-00-021-801 – Emergency Equipment - Inspection/Check. Weigh extinguisher. Refer to AMM-25-60-00-021-801 – Emergency Equipment - Inspection/Check. Remove extinguisher from service. Refer to AMM-25-61-10-001-801 – Fire Extinguisher - Removal. 	<ul style="list-style-type: none"> 12 months – Grace Period: <i>None</i> 12 months – Grace Period: <i>None</i> 12 years – Grace Period: <i>None</i>

System/Item	Task	Interval
Chapter 27 — Flight Controls		
<ul style="list-style-type: none"> Flight Control Cables 	<ul style="list-style-type: none"> Tension check 	<ul style="list-style-type: none"> At first 100 hours, 300 hours thereafter – Grace Period: <i>10 hours, 30 hours thereafter</i> <p>NOTE: This task has been included in the 300 hour/24 month inspection. Refer to AMM-05-20-10-081-801 – 300 Hour/24 Month Inspection.</p>
Chapter 28 — Fuel		
<ul style="list-style-type: none"> Fuel Tanks 	<ul style="list-style-type: none"> Detailed Visual Inspection <p>Refer to AMM-28-10-00-021-801 – Storage - Inspection/Check.</p>	<ul style="list-style-type: none"> 48 months – Grace Period: <i>3 months</i>
Chapter 30 — Ice and Rain Protection		
<ul style="list-style-type: none"> Icephobic Coating 	<ul style="list-style-type: none"> Inspect. Refer to AMM-30-30-01-071-801 – Icephobic Coating - Adjustment/Test. 	<ul style="list-style-type: none"> 200 hours or 12 months – Grace Period: <i>20 hours or 15 days as applicable</i> <p>(whichever occurs first)</p>
Chapter 31 — Indicating and Recording Systems		
<ul style="list-style-type: none"> Data Storage Unit 	<ul style="list-style-type: none"> Do the download of DSU data. Refer to AMM-31-30-00-071-801 – Aircraft Recorders - Adjustment/Test. 	<ul style="list-style-type: none"> At each scheduled maintenance check – Grace Period: <i>None</i> <p>NOTE: It is recommended that this task is accomplished at each unscheduled maintenance visit when the equipment is available and time permits.</p>

System/Item	Task	Interval
Chapter 32 – Landing Gear		
<ul style="list-style-type: none"> Wheel Speed Transducer (WST) PN D202106 	<ul style="list-style-type: none"> Return to EAI or FAA Approved Facility for inspection and functional test. 	<ul style="list-style-type: none"> 1500 flight cycles – Grace Period: <i>50 flight cycles</i>
<ul style="list-style-type: none"> Main Wheel PN 40-440 	<ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check. 	<ul style="list-style-type: none"> Tire change – Grace Period: <i>None</i>
<ul style="list-style-type: none"> Main Wheel PN 40-440 – Wheels with 0 to 4999 Landings 	<ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK -004. 	<ul style="list-style-type: none"> Every second Tire change – Grace Period: <i>None</i>
<ul style="list-style-type: none"> Main Wheel PN 40-440 – Wheels with 5000 or more Landings 	<ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK -005. 	<ul style="list-style-type: none"> Every Tire change – Grace Period: <i>None</i>
<ul style="list-style-type: none"> Main Landing Gear Strut Fluid 	<ul style="list-style-type: none"> Drain and replenish. Refer to AMM-12-10-06-061-801 – Landing Gear - Servicing. 	<ul style="list-style-type: none"> 3000 hours or 3 years – Grace Period: <i>75 hours or 3 months as applicable</i> (whichever occurs first)
<ul style="list-style-type: none"> Nose Wheel PN 40-432 	<ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK AMM-32-42-00-021-211-003. 	<ul style="list-style-type: none"> Tire change – Grace Period: <i>None</i>
<ul style="list-style-type: none"> Nose Wheel PN 40-432 – Wheels with 0 to 4999 Landings 	<ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK -004. 	<ul style="list-style-type: none"> Every second Tire change – Grace Period: <i>None</i>
<ul style="list-style-type: none"> Nose Wheel PN 40-432 Wheels with 5000 or more Landings 	<ul style="list-style-type: none"> Inspect. Refer to AMM-32-42-00-021-801 – Wheel and Tire - Inspection/Check, SUBTASK -005. 	<ul style="list-style-type: none"> Every Tire change – Grace Period: <i>None</i>

EFFECTIVITY: ALL

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System/Item	Task	Interval
<ul style="list-style-type: none"> Nose Landing Gear Strut Fluid 	<ul style="list-style-type: none"> Drain and replenish. 	<ul style="list-style-type: none"> 3000 hours or 3 years – Grace Period: <i>75 hours or 3 months as applicable.</i> (whichever occurs first)
Chapter 33 – Lights		
<ul style="list-style-type: none"> Wingtip NAV/ACL Light Assembly, Left and Right PN 84001-() 	<ul style="list-style-type: none"> Inspect. Refer to AMM-33-00-00-071-801 – Lights - Adjustment/ Test. 	<ul style="list-style-type: none"> At first 8000 hours, then 600 hours thereafter – Grace Period: <i>100 hours, then 30 hours thereafter.</i>
<ul style="list-style-type: none"> Tail ACL Light Assembly PN 84002-() 	<ul style="list-style-type: none"> Inspect. Refer to AMM-33-00-00-071-801 – Lights - Adjustment/ Test. 	<ul style="list-style-type: none"> At first 8000 hours, then 600 hours thereafter – Grace Period: <i>100 hours, then 30 hours thereafter.</i>
<ul style="list-style-type: none"> Tail Position Light Assembly PN 84004-() 	<ul style="list-style-type: none"> Inspect. Refer to AMM-33-00-00-071-801 – Lights - Adjustment/ Test. 	<ul style="list-style-type: none"> At first 8000 hours, then 600 hours thereafter – Grace Period: <i>100 hours, then 30 hours thereafter.</i>
Chapter 34 – Navigation		
<ul style="list-style-type: none"> Altimeter system and altitude reporting equipment 	<ul style="list-style-type: none"> Test and inspection (FAR 91.411) 	<ul style="list-style-type: none"> 24 calendar months – Grace Period: <i>None</i>
<ul style="list-style-type: none"> ATC Transponder 	<ul style="list-style-type: none"> Test and inspection (FAR 91.413) 	<ul style="list-style-type: none"> 24 calendar months – Grace Period: <i>None</i>
Chapter 35 – Oxygen		
<ul style="list-style-type: none"> Crew Oxygen Mask PN 174252–N1 	<ul style="list-style-type: none"> Return to EAI or FAA Approved Facility for overhaul. 	<ul style="list-style-type: none"> 6 years from DOM/ Overhaul – Grace Period: <i>None</i>
<ul style="list-style-type: none"> Passenger Oxygen Mask PN 174095-() 	<ul style="list-style-type: none"> Return to EAI or FAA Approved Facility for overhaul. 	<ul style="list-style-type: none"> 6 years from DOM/ Overhaul – Grace Period: <i>None</i>

System/Item	Task	Interval
Chapter 53 – Fuselage		
<ul style="list-style-type: none"> Forward Fuselage Skin (RVSM Critical Area) 	<ul style="list-style-type: none"> Inspect. Refer to AMM-53-10-10-021-801 – Forward Fuselage - Inspection/Check. 	<ul style="list-style-type: none"> 24 calendar months – Grace Period: <i>None</i>
Chapter 56 – Windows		
<ul style="list-style-type: none"> Left Windshield Static Coating 	<ul style="list-style-type: none"> Test. Refer to AMM-56-10-10-071-801 – Windshield Static Coating - Adjustment/ Test. 	<ul style="list-style-type: none"> 50 hours
<ul style="list-style-type: none"> Right Windshield Static Coating 	<ul style="list-style-type: none"> Test. Refer to AMM-56-10-10-071-801 – Windshield Static Coating - Adjustment/ Test. 	<ul style="list-style-type: none"> 50 hours

1200 HOUR/48 MONTH INSPECTION

AMM-05-20-20-081-801

1. General

- A. The following tasks are to be accomplished at an interval of each 1200 flight hours or each 48 months, whichever comes first.

NOTE: This 1200 hour/48 month inspection does not include the 300 hour/24 month inspection tasks. The 300 hour/24 month inspection requirements are independent of the 1200 hour/48 month inspection. For 300 hour/24 month inspection details, refer to [AMM-05-20-10-081-801 – 300 Hour/24 Month Inspection](#).

NOTE: The terms used in this checklist are defined in [AMM-05-20-00-081-801 – Scheduled Maintenance Checks](#).

- B. Refer to PWC EMM 05-20-00 for engine scheduled maintenance checks.

2. Job Set-Up

SUBTASK AMM-05-20-20-081-211-001

- A. Make aircraft safe for maintenance. Refer to [AMM-20-00-01-051-801 – Make Safe For Maintenance](#).
- B. Remove the crew seats. Refer to [AMM-25-11-10-001-801 – Cockpit Seat - Removal](#).
- C. Remove the passenger seats. Refer to [AMM-25-21-10-001-801 – Passenger Seat - Removal](#).
- D. Remove the access panels that follow:
- (1) Remove 121 BZ - Floor Panel, Left Cockpit. Refer to [AMM-25-11-30-001-801 – Cockpit Floor Panels - Removal](#).
 - (2) Remove 122 AZ - Floor Panel, Right Cockpit. Refer to [AMM-25-11-30-001-801 – Cockpit Floor Panels - Removal](#).
 - (3) Remove 221 BZ - Left Lower Cockpit Sidewall Assembly. Refer to [AMM-25-11-20-001-801 – Cockpit Panels - Removal](#).
 - (4) Remove 222 BZ - Right Lower Cockpit Sidewall Assembly. Refer to [AMM-25-11-20-001-801 – Cockpit Panels - Removal](#).
 - (5) Remove 221 LZ - Cockpit Headliner. Refer to [AMM-25-11-20-001-801 – Cockpit Panels - Removal](#).
 - (6) Remove 131 AZ - Floor Panel, Forward Left Cabin. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal](#).
 - (7) Remove 132 AZ - Floor Panel, Forward Right Cabin. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal](#).

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- (8) Remove 131 BZ - Floor Panel, Forward Cabin Center. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal](#).
- (9) Remove 131 CZ - Floor Panel, Aft Left Cabin. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal](#).
- (10) Remove 131 DZ - Floor Panel, Aft Cabin Center. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal](#).
- (11) Remove 132 BZ - Floor Panel, Aft Right Cabin. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal](#).
- (12) Remove 231 MZ - Baggage Step Panel. Refer to [AMM-25-21-20-001-801 – Cabin Panels - Removal](#).
- (13) Remove 231 NZ - Floor Panel, Baggage Compartment. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal](#).
- (14) Remove 241 HZ - Lower Cabin Door Panel Closeout. Refer to [AMM-25-21-22-001-801 – Lower Door Panel - Removal](#).
- (15) 251 EL - Left Lower Wing-to-Body Fairing. Refer to [AMM-53-11-11-001-801 – Lower Wing to Body Fairing Assembly - Removal](#).
- (16) 252 DR - Right Lower Wing-to-Body Fairing. Refer to [AMM-53-11-11-001-801 – Lower Wing to Body Fairing Assembly - Removal](#).
- (17) Remove 251 CL - Left Forward Wing-to-Body Fairing. Refer to [AMM-53-11-12-001-801 – Forward Wing to Body Fairing Assembly - Removal](#).
- (18) Remove 252 BR - Right Forward Wing-to-Body Fairing. Refer to [AMM-53-11-12-001-801 – Forward Wing to Body Fairing Assembly - Removal](#).
- (19) Remove 251 FL - Left Aft Wing-to-Body Fairing. Refer to [AMM-53-11-13-001-801 – Aft Wing To Body Fairing - Removal](#).
- (20) Remove 252 EL - Right Aft Wing-to-Body Fairing. Refer to [AMM-53-11-13-001-801 – Aft Wing To Body Fairing - Removal](#).
- (21) Remove 511 HB - Main Landing Gear Access Panel. Refer to [AMM-06-50-00-051-801 – Aircraft Access Panels](#) for access panel location.
- (22) Remove 612 HB - Outboard Flap Actuator Panel. Refer to [AMM-06-50-00-051-801 – Aircraft Access Panels](#) for access panel location.
- (23) Remove 311 AL - Maintenance Bay Panel. Refer to [AMM-53-40-10-001-801 – Maintenance Bay Panel - Removal](#).
- (24) Remove 321 BT - Vertical Leading Edge. Refer to [AMM-55-30-12-001-801 – Vertical Stabilizer Leading Edge Fairing - Removal](#).
- (25) Remove 321 DB - Vertical Access Panel. Refer to [AMM-55-30-13-001-801 – Vertical Stabilizer Lower Access Panel - Removal](#).
- (26) Remove 331 DT - Upper Overfin Fairing. Refer to [AMM-55-10-12-001-801 – Overfin Fairing - Removal](#).

- (27) Remove 311 EL - Left Pylon Leading Edge. Refer to [AMM-54-30-11-001-801 – Leading Edge Pylon Skin - Removal](#).
- (28) Remove 312 BR - Right Pylon Leading Edge. Refer to [AMM-54-30-11-001-801 – Leading Edge Pylon Skin - Removal](#).

3. Procedure

SUBTASK AMM-05-20-20-081-211-002

A. 1200 Hour/48 Month Inspection

MODEL: EA500	
A/C SERIAL NO:	
A/C REGISTRATION NO:	
INSPECTION DUE TIME/DATE:	
INSPECTION START TIME/DATE:	
INSPECTION FINISH TIME/DATE:	
NOTE: Make sure that all of the inspection requirements have been completed and signed off.	

INSPECTION	MECH	INSP	DATE
PRE-INSPECTION CHECKS			
Do an operational check of the engine intake anti-ice system. Refer to AMM-30-20-10-071-801 – Engine Inlet Anti-Ice - Adjustment/Test.			
Do an operational check of the windshield anti-ice system. Refer to AMM-30-40-00-071-801 – Windshield Heat System - Adjustment/Test.			
Do an operational check of the VCS system. Refer to AMM-21-00-00-071-801 – Air Conditioning - Adjustment/Test.			
INSPECTION/CHECK			
Do a detailed visual inspection of the External Power Receptacle. Refer to AMM-24-40-11-021-801 – External Power Receptacle - Inspection/Check.			
Do a detailed visual inspection of the entrance stairs. Refer to AMM-52-60-00-021-801 – Entrance Stairs - Inspection/Check.			
Do a detailed visual inspection of the aileron control system. Refer to AMM-27-10-00-021-801 – Aileron - Inspection/Check , SUBTASK AMM-27-10-00-021-221-002.			
Do a detailed visual inspection of the rudder control system. Refer to AMM-27-20-00-021-801 – Rudder and Tab - Inspection/Check , SUBTASK AMM-27-20-00-021-221-002.			

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INSPECTION	MECH	INSP	DATE
Do a detailed visual inspection of the elevator control system. Refer to AMM-27-30-00-021-801 – Elevator and Tab - Inspection/Check , SUBTASK AMM-27-30-00-021-221-002.			
Do a detailed visual inspection of the flap control system. Refer to AMM-27-50-00-021-801 – Flaps - Inspection/Check , SUBTASK AMM-27-50-00-021-221-002.			
Do a detailed visual inspection of the airfoil deice system. Refer to AMM-30-10-10-021-801 – Airfoil Deice System - Inspection/Check , SUBTASK AMM-30-10-10-021-X-221-002, where X is A or B.			
Do a detailed visual inspection of the fuel system. Refer to AMM-28-00-00-021-801 – Fuel System - Inspection/Check , SUBTASK AMM-28-00-00-021-X-201-002, where X is A or B.			
Do a general visual inspection of the exterior center section of the fuselage. Refer to AMM-05-30-50-021-801 – Fuselage Center Section Exterior Zonal Inspection . <u>NOTE</u> : Requires the removal and inspection under the access panels indicated for a 1200 hour inspection.			
Do a detailed visual inspection of the landing gear extension/retraction system. Refer to AMM-32-30-00-021-801 – Extension and Retraction - Inspection/Check .			
Do a general visual inspection of the Aft fuselage area. Refer to AMM-05-30-60-021-801 – Aft Fuselage Zonal Inspection . <u>NOTE</u> : Requires the removal and inspection under the access panels indicated for a 1200 hour inspection.			
Do a general visual inspection of the empennage. Refer to AMM-05-30-70-021-801 – Empennage Zonal Inspection . <u>NOTE</u> : Requires the removal and inspection under the access panels indicated for a 1200 hour inspection.			
Do a detailed visual inspection cockpit and cabin VCS cooling system components. Refer to AMM-21-50-00-021-801 – Cooling System - Inspection/Check .			
Do a general visual inspection of the static dischargers. Refer to AMM-23-60-00-021-801 – Static Discharging - Inspection/Check .			
Do a resistance check of the static dischargers. Refer to AMM-23-60-00-071-801 – Static Discharging - Adjustment/Test .			
OPERATIONAL/FUNCTIONAL CHECKS			

INSPECTION	MECH	INSP	DATE
Do a functional check of the pressurization system. Refer to AMM-21-30-00-071-801 – Cabin Pressurization Control System - Adjustment/Test .			
Do a functional check of the ILS system. Refer to AMM-34-30-00-071-801 – Landing and Taxiing Aids - Adjustment/Test .			
Do a functional check of the flight control system. Refer to AMM-27-00-00-071-801 – Flight Controls - Adjustment/Test (Functional Check) .			
Do a functional check of the fire extinguisher cartridge control system. Refer to AMM-26-20-00-071-801 – Fire Extinguisher Cartridge Control - Adjustment/Test .			
SERVICING			
Replace the filter of the secondary outflow valve (1,200 hour only). Refer to AMM-21-30-14-001-801 – Secondary CPCS Outflow Valve Filter - Removal and AMM-21-30-14-041-801 – Secondary CPCS Outflow Valve Filter - Installation .			
On aircraft with AVIO NG Electronic Flight Instrument System installed, remove the transponder cooling blower filter. Refer to AMM-34-50-25-001-801 – Transponder Cooling Blower Filter - Removal . Clean the filter using a vacuum or compressed air. Check the filter for general condition. Replace if necessary. Install the transponder cooling blower filter. Refer to AMM-34-50-25-041-801 – Transponder Cooling Blower Filter - Installation .			
POST INSPECTION CHECKS			
Do the post inspection checks. Refer to AMM-05-30-90-021-801 – Post Inspection Checks .			

4. **Job Close-Up**

SUBTASK AMM-05-20-20-081-921-002

- A. Remove all tools, equipment and unwanted material from work area.
- B. Install the access panels that follow:
 - (1) Install 121 BZ - Floor Panel, Left Cockpit. Refer to [AMM-25-11-30-041-801 – Cockpit Floor Panels - Installation](#).
 - (2) Install 122 AZ - Floor Panel, Right Cockpit. Refer to [AMM-25-11-30-041-801 – Cockpit Floor Panels - Installation](#).
 - (3) Install 221 BZ - Left Lower Cockpit Sidewall Assembly. Refer to [AMM-25-11-20-041-801 – Cockpit Panels - Installation](#).
 - (4) Install 222 BZ - Right Lower Cockpit Sidewall Assembly. Refer to [AMM-25-11-20-041-801 – Cockpit Panels - Installation](#).
 - (5) Install 221 LZ - Cockpit Headliner. Refer to [AMM-25-11-20-041-801 – Cockpit Panels - Installation](#).
 - (6) Install 131 AZ - Floor Panel, Forward Left Cabin. Refer to [AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
 - (7) Install 132 AZ - Floor Panel, Forward Right Cabin. Refer to [AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
 - (8) Install 131 BZ - Floor Panel, Forward Cabin Center. Refer to [AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
 - (9) Install 131 CZ - Floor Panel, Aft Left Cabin. Refer to [AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
 - (10) Install 131 DZ - Floor Panel, Aft Cabin Center. Refer to [AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
 - (11) Install 132 BZ - Floor Panel, Aft Right Cabin. Refer to [AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
 - (12) Install 231 MZ - Baggage Step Panel. Refer to [AMM-25-21-20-041-801 – Cabin Panels - Installation](#).
 - (13) Install 231 NZ - Floor Panel, Baggage Compartment. Refer to [AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
 - (14) Install 241 HZ - Lower Cabin Door Panel Closeout. Refer to [AMM-06-50-00-051-801 – Aircraft Access Panels](#) for access panel location.
 - (15) Install 251 CL - Left Forward Wing-to-Body Fairing. Refer to [AMM-53-11-12-041-801 – Forward Wing to Body Fairing Assembly - Installation](#).
 - (16) Install 252 BR - Right Forward Wing-to-Body Fairing. Refer to [AMM-53-11-12-041-801 – Forward Wing to Body Fairing Assembly - Installation](#).

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- (17) 251 EL - Left Lower Wing-to-Body Fairing. Refer to [AMM-53-11-11-041-801 – Lower Wing to Body Fairing Assembly - Installation](#).
 - (18) 252 DR - Right Lower Wing-to-Body Fairing. Refer to [AMM-53-11-11-041-801 – Lower Wing to Body Fairing Assembly - Installation](#).
 - (19) Install 251 FL - Left Aft Wing-to-Body Fairing. Refer to [AMM-53-11-13-041-801 – Aft Wing To Body Fairing - Installation](#).
 - (20) Install 252 EL - Right Aft Wing-to-Body Fairing. Refer to [AMM-53-11-13-041-801 – Aft Wing To Body Fairing - Installation](#).
 - (21) Install 511 HB - Main Landing Gear Access Panel. Refer to [AMM-06-50-00-051-801 – Aircraft Access Panels](#) for access panel location.
 - (22) Install 612 HB - Outboard Flap Actuator Panel. Refer to [AMM-06-50-00-051-801 – Aircraft Access Panels](#) for access panel location.
 - (23) Install 311 AL - Maintenance Bay Panel. Refer to [AMM-53-40-10-041-801 – Maintenance Bay Panel - Installation](#).
 - (24) Install 321 BT - Vertical Leading Edge. Refer to [AMM-55-30-12-041-801 – Vertical Stabilizer Leading Edge Fairing - Installation](#).
 - (25) Install 321 DB - Vertical Access Panel. Refer to [AMM-55-30-13-041-801 – Vertical Stabilizer Lower Access Panel - Installation](#).
 - (26) Install 331 DT - Upper Overfin Fairing. Refer to [AMM-55-10-12-041-801 – Overfin Fairing - Installation](#).
 - (27) Install 311 EL - Left Pylon Leading Edge. Refer to [AMM-54-30-11-041-801 – Leading Edge Pylon Skin - Installation](#).
 - (28) Install 312 BR - Right Pylon Leading Edge. Refer to [AMM-54-30-11-041-801 – Leading Edge Pylon Skin - Installation](#).
- C. Install the crew seats. Refer to [AMM-25-11-10-041-801 – Cockpit Seat - Installation](#).
 - D. Install the passenger seats. Refer to [AMM-25-21-10-041-801 – Passenger Seat - Installation](#).
 - E. If all other maintenance is complete, return aircraft to service. Refer to [AMM-20-00-02-051-801 – Return To Service \(After Maintenance\)](#).

CABIN ZONAL INSPECTION

AMM-05-30-41-021-801

1. General

- A. This task describes the zonal inspection procedures for the cabin zonal inspection.
- B. This inspection is to be done on the components and structures visible with the access listed below.

NOTE: The terms used in the following checklist are defined in [AMM-05-20-00-081-801 – Scheduled Maintenance Checks](#).

- C. This inspection includes lightning/high intensity radiated field (L/HIRF) requirements.

2. Required Access

SUBTASK AMM-05-30-41-021-921-001

- A. Passenger seats removed.
- B. 131 AZ - Floor Panel, Forward Left Cabin. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal & AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
- C. 132 AZ - Floor Panel, Forward Right Cabin. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal & AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
- D. 131 BZ - Floor Panel, Forward Cabin Center. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal & AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
- E. 131 CZ - Floor Panel, Aft Left Cabin. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal & AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
- F. 131 DZ - Floor Panel, Aft Cabin Center. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal & AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
- G. 132 BZ - Floor Panel, Aft Right Cabin. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal & AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
- H. 231 NZ - Floor Panel, Baggage Compartment. Refer to [AMM-25-21-30-001-801 – Cabin Floor Panels - Removal & AMM-25-21-30-041-801 – Cabin Floor Panels - Installation](#).
- I. 231 MZ - Baggage Step Panel. Refer to [AMM-25-21-20-001-801 – Cabin Panels - Removal & AMM-25-21-20-041-801 – Cabin Panels - Installation](#).

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- J. 231 NZ - Floor Panel, Baggage Compartment. Refer to
[AMM-25-21-30-001-801 – Cabin Floor Panels - Removal & AMM-25-21-30-041-801 – Cabin Floor Panels - Installation.](#)
- K. 231 KZ - Cabin Oxygen Box Cover. Refer to
[AMM-06-50-00-051-801 – Aircraft Access Panels.](#)
- L. 231 LZ - Cabin Oxygen Box Cover. Refer to
[AMM-06-50-00-051-801 – Aircraft Access Panels.](#)
- M. 231 JZ - Cabin Headliner Assembly. Refer to
[AMM-25-21-20-001-801 – Cabin Panels - Removal & AMM-25-21-20-041-801 – Cabin Panels - Installation.](#)
- N. 232 AZ - Right Upper Sidewall Panel. Refer to
[AMM-25-21-20-001-801 – Cabin Panels - Removal & AMM-25-21-20-041-801 – Cabin Panels - Installation.](#)
- O. 232 FZ - Right Lower Cabin Sidewall Assembly. Refer to
[AMM-25-21-20-001-801 – Cabin Panels - Removal & AMM-25-21-20-041-801 – Cabin Panels - Installation.](#)
- P. 241 JZ - Upper Door Panel. Refer to
[AMM-25-21-23-001-801 – Upper Door Panel - Removal & AMM-25-21-23-041-801 – Upper Door Panel - Installation.](#)
- Q. 231 FZ - Left Upper Sidewall Panel. Refer to
[AMM-25-21-20-001-801 – Cabin Panels - Removal & AMM-25-21-20-041-801 – Cabin Panels - Installation.](#)
- R. 231 AZ - Left Lower Cabin Sidewall Assembly. Refer to
[AMM-25-21-20-001-801 – Cabin Panels - Removal & AMM-25-21-20-041-801 – Cabin Panels - Installation.](#)
- S. 231 PZ - Aft Bulkhead Panel. Refer to
[AMM-25-21-20-001-801 – Cabin Panels - Removal & AMM-25-21-20-041-801 – Cabin Panels - Installation.](#)
- T. 231 HZ - APC/PDC Cover Panel. Refer to
[AMM-25-21-20-001-801 – Cabin Panels - Removal & AMM-25-21-20-041-801 – Cabin Panels - Installation.](#)

3. **Procedure**

SUBTASK AMM-05-30-41-021-211-001

- A. Do a General Visual Inspection (GVI) of the cabin paying particular attention to the following:
 - (1) All structure visible under the cabin sidewalls and ceiling for any evidence of damage, distortion or corrosion.
 - (2) All visible structure for any evidence of damage, distortion or corrosion.

- (3) All wiring/wire bundles for condition and security. Check for proper attachment and clearance from structure and components.
- (4) All control cables for condition, wear, fraying strands, and security of swage fittings. Check cable runs for pulley wear, proper attachment, security, condition of cable retainers, and clearance from structure and components.
- (5) All control pushrods, bellcranks, sectors and pulleys for condition and security.
- (6) Seat rails for general condition and cleanliness.
- (7) Primary and secondary outflow valves and associated filters, wiring and tubing for condition, security and cleanliness.
- (8) Emergency extension release mechanism and cable for condition and security.
- (9) Parking brake valve and cable for condition and security.
- (10) Cabin passenger oxygen mask containers for condition and security.

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