
MUKAMALAH AVIATION COMPANY LIMITED (MAC)
LEONARDO S.p.A. AW139 AIRCRAFT INSPECTION PROGRAM
05-05-1Y300 AW139 1 YEAR (VIP) CHECK

Tail Number

SAP Order Number

Work Order Number

Instructions

1. Each listed inspection and/or maintenance function is to be performed in accordance with the publications listed in the current AW139 Technical Publications Index.
2. This inspection must be performed every 300 hours / 12 months on S/N 31562 & 31851 only. The 50 Hour Inspection Checklist must be accomplished in conjunction with this inspection.
3. Each section / item must be initialed or stamped by the mechanic and inspector (if applicable) performing the inspection.
4. All personnel (mechanics, inspectors, shops, etc) who will be signing off any part of the check are required to enter their printed name, signature, company ID, and stamp imprint (or certificate number if work is not being performed by repair station) on the aircraft maintenance signature page provided with the work package.
5. Enter all discrepancies found and the corrective action taken on repair station or operator non-routine forms. On this inspection form, write **YES** or **NO** in the box under **Work Required** column for each section / item. If work was required and **YES** was written in the **Work Required** box, also indicate the Non-Routine number that the work was performed under.
6. At the completion of each inspection form, a qualified & authorized mechanic shall check the entire form for proper completion and then enter his signature, company ID number (or certificate number if work is not being performed by repair station), date and repair station certificate number (if applicable) in the space provided at the end of the form.
7. Enter the Man Hours for each completed line item in the MHRs column.
8. Items designated Clearance To Close (CTC) in the Inspectors column can be signed using the company ID number (or certificate number if work is not being performed by repair station) by any qualified mechanic.

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Tail Number	SAP Order Number	Work Order Number			
1. AIRCRAFT GENERAL – PRE CHECK INPUT					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. MPFR circuit breakers	<p>BEFORE COMMENCING ANY WORK:</p> <p>1. Pull and place “DO NOT OPERATE” tags the following MPFR circuit breakers:</p> <ul style="list-style-type: none"> i) “FDR” – CB99 at fwd LH area of overhead circuit breaker panel. ii) “FDR AUX PWR” – CB174 at RH side of nose compartment. 				
AIRCRAFT GENERAL – PRE CHECK INPUT COMPLETED					

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2. AIRCRAFT GENERAL – ACCESS					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. Engine cowling primary latches	Ensure red paint exists on the fwd and aft faces of the primary cowling latches (not visible when the latches are closed, but visible when the latches are open).				
AIRCRAFT GENERAL – ACCESS COMPLETED					

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2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. 25-02	Cargo net assembly in baggage compartment: Do a DI for damage and condition. Ref. 39-A-25-50-00-01A-31AA-A				
2. 25-24	Collective emergency life-raft manual activation cable: Do an OC to verify correct sliding inside sheath, including a VC of protruding ends to verify integrity (collective emergency life-rafts removal necessary). Ref: 39-A-25-62-00-00A-320A-K (S/N 31562 ONLY)		RII		
3. 25-65	Restraint system assembly: Do a DI of the seat belts for damage and condition. Ref. 39-A-25-21-01-01A-31AA-K. Ensure TSO labels are attached and readable.				
4. 26-03	Number 1 fire system distribution duct and outlet nozzles: Do a GVI to check duct for security and damage, and outlet nozzles for obstruction. Ref. 39-A-26-21-00-00A-310A-A		RII		
5. 26-07	Number 2 fire system distribution duct and outlet nozzles: Do a GVI to check duct for security and damage, and outlet nozzles for obstruction. Ref. 39-A-26-22-00-00A-310A-A		RII		
6. 32-01	MLG shock absorber: Do a FC for quantitative check of shock absorber pressure and extension. Ref. 39-A-32-10-00-00A-028A-A		RII		
7. 32-02	MLG assembly and retraction actuators: Do a GVI for condition, security and damage including electrical connector, microswitches and wiring. Ref. 39-A-32-10-00-00A-310A-A, 39-A-32-31-00-00A-310A-A				
8. 32-03	Main landing gear: Lubrication of trailing arm pivoting point. Ref. 39-A-12-20-06-00A-242A-A				
9. 32-04	MLG trunnion bracing bolts: Do a DI for evidence of loosening of bracing tube/support (through check of sealant integrity). Ref. 39-A-32-10-00-00A-31AA-A				
10. 32-05	NLG shock absorber: Do a FC for quantitative check of shock absorber pressure and extension. Ref. 39-A-32-20-00-00A-028A-A				

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ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
11. 32-06	NLG assembly and retraction actuator: Do a GVI for condition, security and damage including electrical connector, microswitches and wiring. Ref. 39-A-32-21-00-00A-310A-A, 39-A-32-31-00-00A-310A-A				
12. 32-07	Nose landing gear: Lubrication of collar. Ref. 39-A-12-20-05-00A-242A-A				
13. 32-08	NLG center lock attachment, lock pin and torque link attachments and anti-shimmy device: Do a DI for condition, security, damage and leaks (anti-shimmy device only), including electrical connector and its exposed wiring. Ref. 39-A-32-20-00-00A-31AA-A, 39-A-32-51-01-00A-31AA-A				
14. 32-09	Control lever lock mechanism: Do an OC for security. Ref. 39-A-32-31-01-00A-320A-A				
15. 32-10	Landing gear emergency system: Do an OC (includes confirmation of "L/G EMER DOWN" indication) (helicopter must be jacked). Ref. 39-A-32-31-00-00A-320A-A		RII		
16. 32-16	MLG brake assembly: Do a DI (wheels removal necessary). Ref. 39-A-32-42-00-00A-31AA-A	LH	RII		
	Check LH & RH brake attachment bolts torque Ref: 39-A-32-42-02-00A-720A-A step 6 & 39-A-32-42-03-00A-720A-A step 6.	RH	RII		
17. 32-17	Wheel brake wear indicator pin: Do an OC (brake application necessary) (task includes check for maximum brake wear). Ref. 39-A-32-42-00-00A-320B-A	LH			
		RH			
18. 32-51	NLG attachment pins (2 off): Do a DI for corrosion and condition (NLG attachment pin removal required). Ref. 39-A-32-21-01-10A-31AA-B.		RII		

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ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
19. 32-52	MLG retraction Actuators bolts (Liebherr): Do a DI for evidence of loosening and correct attachment. Ref. 39-A-32-31-00-00A-31AA-A MLG retraction Actuators bolts (Liebherr): Do a DI for evidence of loosening and correct attachment. Ref. 39-A-32-31-00-00A-31AA-A	LH RH			
20. 32-53	NLG retraction actuator bolts (Liebherr) Do a DI for evidence of loosening and correct attachment. Ref. 39-A-32-31-00-00A-31AA-A				
21. 32-55	MLG retractable shock absorber: Do a DI of the screws that attach the shock absorber to the shortening actuator for cracks and the lockwire for conditions. Ref. 39-A-32-11-01-01A-31AA-A & 39-A-32-12-01-01A-31AA-A				
22. 32-56	MLG and NLG actuator bolts (Liebherr): Do a DI of the bolts for damage, condition, and cracks (bolt removal not required). Ref. 39-A-32-10-00-00A-31AB-A & 39-A-32-21-00-00A-31AA-A				
23. 52-01	S/N 31562 ONLY Nose landing gear doors installation: Do a DI to detect free play, wear or other mechanical malfunctions. Ref. 39-A-52-81-00-00A-31AA-K				
24. 67-01	Main rotor control - Mixing unit: Do a DI. Ref. 39-A-67-10-00-00A-31AA-A		RII		
25. 67-02	Main rotor control - Control linkages: Do a GVI (cyclic and collective). Ref. 39-A-67-10-00-00A-310A-A		RII		
	For M2/M3, M5/M6, and M7/M8 linkages, perform a directed visual inspection of the connection between the two linkages for visible damage. Perform the inspection from the bottom side of the deck using a flash light and mirror. Borescope may be used as an alternate method. Ref: 39-A-67-10-00-00A-310A-A		RII		

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ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
26. I-Feel Entertainment System 4-2-2	<p>Mecaer I-Feel Entertainment System 300 Hours or 1 Year Inspection (S/N 31562 ONLY)</p> <p>1. Perform general visual inspection of all parts of the installation. 2. Inspect connectors for condition, safety locking and corrosion damage. 3. Inspect cable assy straps for security and that they are tightly attached to the structure and has no damage. 4. Inspect IFEEL rack for security, proper locking and corrosion damage. 5. Inspect electronic and electrical devices installed on IFEEL rack for conditions, safety and proper locking. 6. Inspect the bonding leads for conditions, wear and security. 7. Inspect all relevant attachment points on the helicopter fuselage (frames, ribs, intercostals, rings etc.) for condition and security and for absence of cracks and corrosion. Inspect attachment screws and bolts for security.</p> <p>Ref Mecaer 6AB1WNM-2-20 Appendix AH.</p>				
27. VIP 37 Plus Interior 4-3-2-1	<p>Mecaer VIP 37 Plus Interior – General (S/N 31562 ONLY)</p> <p>1. Perform general visual inspection of all parts of the installation. 2. Inspect connectors for conditions, proper locking and corrosion damage. 3. Inspect cable assy straps for security and verify that they are tightly attached to the structure and are free from damage. 4. Should not the condition of the part/item be considered acceptable for normal use and appearance, remove the part according to the proper procedure, and then forward them/it to the Manufacturer or to an approved Maintenance Organization for a proper repair. 5. Inspect the bonding leads for conditions, wear and security. 6. Inspect all relevant attachment points on the helicopter fuselage (frames, ribs, intercostals, rings etc.) for condition and security and for absence of cracks and corrosion. Inspect attachment screws and bolts for security.</p> <p>Ref Mecaer 6AB1WNM-2-16 Appendix U.</p>				

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ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
28. VIP 37 Plus Interior 4-3-2-2	<p>Mecaer VIP 37 Plus Interior – Passengers seats, underseat fairings and cabinets inspection (S/N 31562 ONLY)</p> <ol style="list-style-type: none"> 1. Gain access to the passengers compartment. NOTE: Inspect basic seat assemblies in accordance with standard, phased and progressive inspection planning included in Agusta AW139 Maintenance Publication 39-A-AMP-00-P. 2. Inspect executive seats (1, Figure 2-37) for conditions, security and proper locking. 3. Remove cover panels (12 of Figure 2-38) from forward seat row and inspect seat attachment points for condition. 4. Inspect fairing vertical panels for proper attachment. 5. Open the side pocket of aft fashion cabinet (1 of Figure 2-39) and inspect fittings for conditions and proper locking. <p>Ref Mecaer 6AB1WNM-2-16 Appendix U.</p>				
29. VIP 37 Plus Interior 4-3-2-3	<p>Mecaer VIP 37 Plus Interior – Fire extinguisher inspection (S/N 31562 ONLY)</p> <p>NOTE: Refer to Agusta AW139 Maintenance Publication 39-A-AMP-00-P for fire extinguisher inspection and replacement limits.</p> <ol style="list-style-type: none"> 1. Gain access to the passengers compartment. 2. In accordance with detail A of Figure 2-44 pull relevant panel and strap so to release the fire extinguisher. 3. Make sure that test date of the fire extinguisher, shown on the fire extinguisher label, is not expired. 4. Inspect the fire extinguisher support (4) for conditions, security and proper locking. <p>Ref Mecaer 6AB1WNM-2-16 Appendix U.</p>				

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ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
30. I-Feel Entertainment System 4-2-2	<p>Mecaer I-Feel Entertainment System 300 Hours or 1 Year Inspection (S/N 31851 ONLY)</p> <ul style="list-style-type: none"> 1. Perform general visual inspection of all parts of the installation. 2. Inspect connectors for condition, safety locking and corrosion damage. 3. Inspect cable assy straps for security and that they are tightly attached to the structure and has no damage. 4. Inspect IFEEL rack for security, proper locking and corrosion damage. 5. Inspect electronic and electrical devices installed on IFEEL rack for conditions, safety and proper locking. 6. Inspect the bonding leads for conditions, wear and security. 7. Inspect all relevant attachment points on the helicopter fuselage (frames, ribs, intercostals, rings etc.) for condition and security and for absence of cracks and corrosion. Inspect attachment screws and bolts for security. <p>Ref Mecaer 6AB1WNM-2-20 Appendix BP.</p>				
31. VIP 29 Interior 4-3-2-1	<p>Mecaer VIP 29 Interior – General (S/N 31851 ONLY)</p> <ul style="list-style-type: none"> 1. Perform general visual inspection of all parts of the installation. 2. Inspect connectors for condition, proper locking and corrosion damage. 3. Inspect cable assy straps for security and verify that they are tightly attached to the structure and are free from damage. 4. Should not the condition of the part/item be considered acceptable for normal use and appearance, remove the part according to the proper procedure, and then forward them/it to the manufacturer or to an approved maintenance organization for a proper repair. 5. Inspect the bonding leads for conditions, wear and security. 6. Inspect all relevant attachment points on the helicopter fuselage (frames, ribs, intercostals, rings etc.) for condition and security and for absence of cracks and corrosion. Inspect attachment screws and bolts for security. <p>Ref: Mecaer 6AB1WNM-2-2 Appendix U.</p>				

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2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
32. VIP 29 Interior 4-3-2-3	<p>Mecaer VIP 29 Interior – Passenger seats, underseat fairings and cabinets inspection (S/N 31851 ONLY)</p> <p>NOTE: Inspect basic seat assemblies in accordance with standard, phased, and progressive inspection planning included in Leonardo Helicopters AW139 Maintenance Publication 39-A-AMP-00-P.</p> <ol style="list-style-type: none"> 1. Gain access to the passengers compartment. 2. Inspect executive seats (1, Figure 2-30) for conditions, security and proper locking. 3. Inspect armrests (1, 7, 11 of Figure 2-31) for conditions, security and proper locking. 4. Remove cover panels (18, 22 of Figure 2-31) and inspect seat attachment points for conditions. <p>Ref: Mecaer 6AB1WNM-2-2 Appendix U.</p>				
33. VIP 29 Interior 4-3-2-3	<p>Mecaer VIP 29 Interior – Fire extinguisher inspection (S/N 31851 ONLY)</p> <p>NOTE: Refer to Agusta AW139 Maintenance Publication 39-A-AMP-00-P for fire extinguisher inspection and replacement limits.</p> <ol style="list-style-type: none"> 1. Gain access to the cockpit compartment, in correspondence of fwd bulkhead panel, right side. 2. In accordance with Figure 2-35 pull relevant panel and strap so to release the fire extinguisher bottle from related support bracket. 3. Make sure that test date of the fire extinguisher, shown on the fire extinguisher label, is not expired. 4. Inspect the fire extinguisher support for conditions, security and proper fixing. <p>Ref: Mecaer 6AB1WNM-2-2 Appendix U.</p>				

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ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
34. VIP 29 Interior 4-3-2-4	<p>Mecaer VIP 29 Interior – Forward bulkhead and blind curtain inspection (S/N 31851 ONLY)</p> <ol style="list-style-type: none"> 1. According to AW139 Maintenance Manual 39-A-AMP-00-P gain access to the cockpit. 2. Inspect RH and LH upper fittings (1, Detail A, Figure 2-25) on forward bulkhead assy, for conditions, security and proper locking. 3. Inspect lower fittings (7, 10) for conditions, security and proper locking. 4. Inspect bulkhead for scratches, nicks, and cracks. 5. Inspect blind curtain (13, Figure 2-27) for conditions, security and proper locking. 6. Inspect blind cover (16) for conditions, security and proper locking. <p>Ref: Mecaer 6AB1WNM-2-2 Appendix U.</p>				
35. VIP 37 Plus Interior 4-3-2-1	<p>Mecaer VIP 37 Plus Interior – General (S/N 31851 ONLY)</p> <ol style="list-style-type: none"> 1. Perform general visual inspection of all parts of the installation. 2. Inspect connectors for conditions, proper locking and corrosion damage. 3. Inspect cable assy straps for security and verify that they are tightly attached to the structure and are free from damage. 4. Should not the condition of the part/item be considered acceptable for normal use and appearance, remove the part according to the proper procedure, and then forward them/it to the Manufacturer or to an approved Maintenance Organization for a proper repair. 5. Inspect the bonding leads for conditions, wear and security. 6. Inspect all relevant attachment points on the helicopter fuselage (frames, ribs, intercostals, rings etc.) for condition and security and for absence of cracks and corrosion. Inspect attachment screws and bolts for security. <p>Ref: Mecaer 6AB1WNM-2-16 Appendix AR.</p>				

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ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
36. VIP 37 Plus Interior 4-3-2-2	<p>Mecaer VIP 37 Plus Interior – Passengers seats, underseat fairings and cabinets inspection (S/N 31851 ONLY)</p> <ol style="list-style-type: none"> 1. Gain access to the passengers compartment. NOTE: Inspect basic seat assemblies in accordance with standard, phased and progressive inspection planning included in Agusta AW139 Maintenance Publication 39-A-AMP-00-P. 2. Inspect executive seats (1, Figure 2-30) for conditions, security and proper locking. 3. Inspect armrests (1, 7, 11, of Figure 2-31) for conditions, security and proper locking. 4. Remove cover panels (18, 22 of Figure 2-31) and inspect seat attachment points for conditions. <p>Ref: Mecaer 6AB1WNM-2-16 Appendix AR.</p>				
37. VIP 37 Plus Interior 4-3-2-3	<p>Mecaer VIP 37 Plus Interior – Fire extinguisher inspection (S/N 31851 ONLY)</p> <p>NOTE: Refer to Agusta AW139 Maintenance Publication 39-A-AMP-00-P for fire extinguisher inspection and replacement limits.</p> <ol style="list-style-type: none"> 1. Gain access to the passengers compartment. 2. In accordance with Figure 2-35 pull relevant panel and strap so to release the fire extinguisher bottle from related support bracket. 3. Make sure that test date of the fire extinguisher, shown on the fire extinguisher label, is not expired. 4. Inspect the fire extinguisher support for conditions, security and proper fixing. <p>Ref: Mecaer 6AB1WNM-2-16 Appendix AR.</p>				

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2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
38. VIP 37 Plus Interior 4-3-2-4	<p>Mecaer VIP 37 Interior – Forward bulkhead and blind curtain inspection (S/N 31851 ONLY)</p> <ol style="list-style-type: none"> According to AW139 Maintenance Manual 39-A-AMP-00-P gain access to the cockpit. Inspect RH and LH upper fittings (1, Detail A, Figure 2-25) on forward bulkhead assy, for conditions, security and proper locking. Inspect lower fittings (7, 10) for conditions, security and proper locking. Inspect bulkhead for scratches, nicks, and cracks. Inspect blind curtain (13, Figure 2-27) for conditions, security and proper locking. Inspect blind cover (16) for conditions, security and proper locking. <p>Ref: Mecaer 6AB1WNM-2-16 Appendix AR.</p>				
39. CP000-03	<p>DI of Top External Airframe Equipments:</p> <p>Perform a detailed inspection of the equipments installed on the top side of the external airframe for corrosion, evidence of water intrusion and corrosion protection deterioration. (Removal of each equipment is required only if corrosion is found)</p> <p>Ref: DMC 39-A-20-80-00-02A-31AA-D</p>				
40. CP000-04	<p>DI of Bottom External Airframe Equipments:</p> <p>Perform a detailed inspection of the equipments installed on the bottom side of the external airframe for corrosion, evidence of water intrusion and corrosion protection deterioration. (Removal of each equipment is required only if corrosion is found)</p> <p>Ref: DMC 39-A-20-80-00-03A-31AA-D</p>				
41. CP000-09	<p>Detailed Inspection of Sponson and Life Raft:</p> <p>Perform a detailed inspection of the sponson installation and related fairings and installation provision for corrosion and corrosion protection deterioration. If installed, check also the life raft containers, fairings and drains for obstructions. (removal of the sponson fairings is required)</p> <p>Ref: DMC 39-A-20-80-00-06A-31AA-D</p>				

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2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
42. CP100-04	DI of Access Panels and Provision of Cabin Lower Structure: Perform a detailed inspection of the access panels and related provisions of the cabin lower structure for corrosion damage, salt contamination, evidence of water intrusion and corrosion protection deterioration. (removal of the access provisions is required) Ref: DMC 39-A-20-81-09-01A-31AA-D				
43. CP100-05	Detailed Inspection of Sidewall Cabin Lower Structure: Perform a detailed inspection of the cabin sidewall lower structure, installed equipments and provisions for condition, damage, corrosion, evidence of water intrusion and corrosion protection deterioration. Check also the functionality of the drain lines present in the area. Ref: DMC 39-A-20-81-09-02A-31AA-D				
44. CP100-06	VC of the Cabin Floor: Perform a visual check of the cabin floor for hardware contamination, evidence of water intrusion, sealant and corrosion protection deterioration. (removal of the floor panels is required only if these is a gap in the sealing or a suspect of water intrusion) Ref: DMC 39-A-20-81-13-00A-311A-D				
45. CP100-07	Detailed Inspection of Cabin Floor: Perform a detailed inspection of both sides of the cabin floor panels and the below compartment for water intrusion, sealant and corrosion protection deterioration. (removal of the panels is required) Ref: DMC 39-A-20-81-13-00A-31AA-D				
46. CP100-12	Detailed Inspection of Nose Avionics Bay: Perform a detailed inspection of the Nose Avionics Bay and the related installed equipments for corrosion, damage, and corrosion protection deterioration. Ref: DMC 39-A-20-81-11-00A-31AA-D				
47. CP100-13	Detailed Inspection of the Cockpit Lower Structure: Perform a detailed inspection of the cockpit lower structure, installed equipments and provisions for condition, damage, corrosion, evidence of water intrusion, sealant and corrosion protection deterioration. Ref: DMC 39-A-20-81-08-00A-31AA-D				

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2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
48. CP100-14	<p>Detailed Inspection of the Cockpit Lateral Lower Structure: Perform a detailed inspection of the cockpit lateral lower structure for condition and corrosion protection deterioration. Inspect to include bay, hardware and provisions.</p> <p>Ref: DMC 39-A-20-81-08-00B-31AA-D</p>				
49. CP100-16	<p>Detailed Inspection of Access Panels and Provision of Cockpit Lower Structure: Perform a detailed inspection of the access panels and related provisions of the cockpit lower structure for corrosion damage, salt contamination, evidence of water intrusion and corrosion protection deterioration. (removal of the access provisions is required)</p> <p>Ref: DMC 39-A-20-81-08-01A-31AA-D</p>				
50. CP100-17	<p>VC of the Cockpit Floor: Perform a visual check of the cockpit floor for hardware contamination, evidence of water intrusion, sealant and corrosion protection deterioration.</p> <p>Ref: DMC 39-A-20-81-12-00A-311A-D</p>				
51. CP100-20	<p>VC of Main Fuel Tank Sump Areas: Perform a visual check of the main fuel tank sump areas for condition, corrosion and evidence of water intrusion. (removal of the fuel tank sump covers is required)</p> <p>Ref: DMC 39-A-20-81-06-01A-311A-D</p>				
52. CP100-23	<p>Detailed Inspection of Baggage Compartment Doors: Perform a detailed inspection of the baggage compartment doors for corrosion, condition, and corrosion protection deterioration. Inspect to include the cabin doors installation, pins, hinges, step protection, switch installation and interface areas. (removal of the baggage compartment door is required if a defective condition is present)</p> <p>Ref: DMC 39-A-20-81-04-01A-31AA-D</p>				
53. CP100-25	<p>Detailed Inspection of Baggage Compartment Upper Structure: Perform a detailed inspection of the baggage compartment upper structure and related installed equipment for condition, corrosion, salt accumulation, evidence of water intrusion and corrosion protection deterioration.</p> <p>Ref: DMC 39-A-20-81-07-00A-31AA-D</p>				
54. CP100-27	<p>VC of Baggage Compartment Lower Structure: Perform a visual check of the baggage compartment lower structure and the related installed equipments for salt accumulation, evidence of water intrusion and corrosion protection deterioration.</p> <p>Ref: DMC 39-A-20-81-10-00A-311A-D</p>				

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
2. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
55. CP100-28	<p>Detailed Inspection of Baggage Compartment Lower Structure: Perform a detailed inspection of the baggage compartment lower structure and related installed equipment for condition, corrosion, salt accumulation, evidence of water intrusion and corrosion protection deterioration.</p> <p>Ref: DMC 39-A-20-81-10-00A-31AA-D</p>				
56. CP200-02	<p>Visual Check of Interseat Console and Instrument Panel: Perform a visual check of the interseat console and instrument panel for salt accumulation and evidence of water intrusion.</p> <p>Ref: DMC 39-A-20-85-01-02A-311A-D & 39-A-20-85-01-03A-311A-D</p>				
57. CP400-03	<p>DI of Upper Deck Equipments Interface Areas with the Structure: Perform a detailed inspection on the mating surfaces of the upper deck equipments with the structure for salt accumulation, water intrusion and corrosion. Examine also the main gearbox fittings and the related attachment bolts for salt accumulation and corrosion.</p> <p>Ref: DMC 39-A-20-82-07-00A-31AA-D & 39-A-20-82-04-01A-31AA-D</p>				
58. Fuel panels in baggage compartment	Inspect LH and RH fuel panel profiles in the baggage compartment.				
FUSELAGE (INCL. UPPER DECK) & LANDING GEAR COMPLETED					

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Tail Number	SAP Order Number	Work Order Number			
4. TAILBOOM & TAIL ROTOR DRIVE					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. 64-01	Tail rotor blades continuity strip and damper bonding straps: Do a FC for electrical continuity. Includes a VC of components for damage, condition and security of attachment. Ref. 39-A-64-11-01-00A-365A-A				
2. 64-25	Sliding control assembly removal.				
	Spider duplex bearing: Do an OC and a DI to detect bearing roughness Ref. 39-A-64-31-04-01A-320A-B		RII		
	Sliding control assembly installation		RII		
3. 65-16	Intermediate gearbox: Servicing by drain and refill of oil. Includes check of low oil level sensor indication when oil is drained. Ref. 39-A-12-13-02-00A-292A-A NOTE: Perform task 65-21 (below) in conjunction with this task.		RII		
4. 65-20	Tail gearbox: Servicing by drain and refill of oil. Includes check of low oil level sensor indication when oil is drained. Ref. 39-A-12-13-03-00A-292A-A NOTE: Perform task 65-23 (below) in conjunction with this task.		RII		
5. 65-21	Intermediate gearbox indicating system - Chip detector: Do a DI for condition and presence of debris. Ref. 39-A-65-42-00-00A-31AA-A or 39-B-65-42-00-00A-31AA-A (as applicable). NOTE: Perform this task in conjunction with task 65-16 (above).		RII		
6. 65-23	Tail gearbox indicating system - Chip detector: Do a DI for condition and presence of debris. Ref. 39-A-65-43-00-00A-31AA-A or 39-B-65-43-00-00A-31AA-A (as applicable). NOTE: Perform this task in conjunction with task 65-20 (above).		RII		

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Tail Number	SAP Order Number	Work Order Number
4. TAILBOOM & TAIL ROTOR DRIVE		
ITEM	TASK	MECH
7. 65-27	Tail rotor drive line components: Do a GVI due to maintenance operations to exclude accidental damage. Ref 39-A-65-00-00-00A-310A-A	
8. 65-54	No. 1 Tail Rotor Drive Shaft: Do a detailed inspection for damage and condition. Ref: 39-B-65-11-01-00A-31AA-A	
9. 67-04	Yaw control pitch change rod connection: Do a DI. Ref. 39-A-64-31-00-00A-31AD-A	RII
10. 67-05	Tail rotor control - Control linkages: Do a GVI. Ref. 39-A-67-20-00-00A-310A-A	
11. 67-09	Tail rotor servoactuator installation: Do a GVI. Ref. 39-A-67-32-00-00A-310A-A	
12. 67-11	Tail rotor control rod yaw Y6 & Y9: Do a DI for corrosion, damage and cracks located at the end of the aluminum alloy rod body in the conical section. Ref. 39-A-67-20-00-00A-31AB-A	RII
13. CP300-01	DI of Tail Boom Lower and Internal Structure: Perform a detailed inspection of tail boom lower and internal structure and related installed equipments for corrosion, evidence of water intrusion, salt accumulation and corrosion protection deterioration. Ref: DMC 39-A-20-84-04-00A-31AA-D	
14. CP300-03	Detailed Inspection of Tailplane: Perform a detailed inspection of the tailplane installation and fittings for corrosion, water intrusion, salt accumulation and corrosion protection deterioration. (removal of components/fasteners is required only if a defective condition is present) Ref: DMC 39-A-20-84-02-00A-31AA-D	
15. CP300-04	VC of the Tail Fin: Perform a visual check of the tail fin for evidence of corrosion, water intrusion, salt accumulation and corrosion protection deterioration. Ref: DMC 39-A-20-84-01-01A-311A-D	

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ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
4. TAILBOOM & TAIL ROTOR DRIVE					
16. CP300-05	VC of Tail Rotor Drive Line in the Upper Deck Area: Perform a visual check of the tail rotor shafts, hardware, dampers and bearings for condition, contamination, sealant and corrosion protection deterioration. Ref: DMC 39-A-20-84-01-01A-311A-D				
17. CP300-06	Detailed Inspection of Intermediate Gearbox: Perform a detailed inspection of the intermediate gearbox and related fitting for corrosion, evidence of water intrusion and corrosion protection deterioration. Ref: DMC 39-A-20-84-03-00A-31AA-D				
18. CP400-04	VC of Tail Rotor Drive Line in the Tail Boom and Tail Fin Area: Perform a visual check of the tail rotor shafts, hardware, dampers and bearings for condition, contamination, sealant and corrosion protection deterioration. Ref: DMC 39-A-20-82-03-01A-311A-D & 39-A-20-82-07-01A-311A-D				
19. CP400-08	DI of the Tail Rotor Head and Blades: Perform a detailed inspection of the tail rotor head and blades for evidence of water intrusion, corrosion damage, paint, and corrosion protection deterioration. Ref: DMC 39-A-20-82-02-00A-31AA-D				
20. CP400-12	VC of Tailboom Upper Structure: Perform a visual check of the tail boom upper structure for evidence of corrosion, water intrusion, salt accumulation and and corrosion protection deterioration. Ref: DMC 39-A-20-82-03-00A-311A-D				
21. CP400-13	Detailed inspection of tail gearbox: Perform a detailed inspection of the tail gearbox and related fitting for corrosion, evidence of water intrusion and corrosion protection deterioration. Ref: DMC 39-A-20-82-06-00A-31AA-D				
TAILBOOM & TAIL ROTOR DRIVE COMPLETED					

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
5. MAIN ROTOR & GEARBOX					
1. 62-01	Main rotor blades continuity strip and damper bonding straps: Do a FC for electrical continuity. Includes a VC for damage, condition, security of attachment and debonding (strips only). Ref. 39-A-62-11-01-00A-365A-A				
2. 62-16	Main rotor elastomeric bearings: Do a DI for corrosion and condition. Pay particular attention to area where bearing mates with hub/flapping limiter support to verify integrity of sealant. If sealant is missing, carefully check exposed area for signs of corrosion. Ref. 39-A-62-22-00-00A-31AD-A				
3. 62-26	Rotating controls installation - Swashplate duplex bearing: Do an OC to detect bearing roughness (pitch change link end/upper boot lower end/scissors disconnection necessary). Ref. 39-A-62-31-06-00A-320A-A.		RII		
4. 63-11	Servicing by drain Includes check of low oil level sensor indication when oil is drained. Ref. 39-A-12-13-01-00A-292A-A		RII		
	Servicing by refill of oil Ref. 39-A-12-13-01-00A-292A-A		RII		
	Replace gearbox oil filter element. Ref. 39-A-63-20-05-22A-921A-A.		RII		
5. 63-31	Main gearbox indicating system - Chip detectors: Do a DI for condition and presence of debris. Ref. 39-A-63-41-00-00A-31AA-A. Note: Perform this task in conjunction with task 63-11 (above).				
6. 67-07	Main rotor servoactuator installation: Do a GVI. Ref. 39-A-67-31-00-00A-310A-A				
7. CP400-06	DI of the Main Rotor Head and Blades: Perform a detailed inspection of the main rotor head and blades for evidence of water intrusion, corrosion damage, paint, and corrosion protection deterioration. Ref: DMC 39-A-20-82-01-00A-31AA-D				
MAIN ROTOR, TRANSMISSION AND UPPER DECK COMPLETED					

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Tail Number	SAP Order Number	Work Order Number			
6. ENGINE & POWERPLANT					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. #1 Engine Inlet Barrier Filter – Filter Assy Servicing	<p>S/N 31562 ONLY</p> <p>i) Remove both filter panels (AFS-AW139-IBF-ICA 8.3) ii) Clean filter assemblies using only the methods and materials defined in AFS-AW139-IBF-ICA 7.3 (only AFS Air Filter Cleaner and low pressure water may be used). iii) Allow filter assemblies to fully dry (AFS-AW139-IBF-ICA 7.3.3) iv) Strike off the next available number (1 thru to 15) on the filter data plates. If no. 15 has already been struck off, the filter assembly must be replaced. Tick below next to the numbers which are struck off:</p> <p>Top filter panel (P/N 122300-101): 1__ 2__ 3__ 4__ 5__ 6__ 7__ 8__ 9__ 10__ 11__ 12__ 13__ 14__ 15__ Side filter panel (P/N 122350-101): 1__ 2__ 3__ 4__ 5__ 6__ 7__ 8__ 9__ 10__ 11__ 12__ 13__ 14__ 15__</p> <p>v) Re-oil filter using AFS approved filter oil (AFS-AW139-IBF-ICA 7.3.4).</p>				
2. #1 Engine Inlet Barrier Filter – Filter Assy Inspection	<p>S/N 31562 ONLY</p> <p>Visually inspect all components (including seals and fasteners) checking for the following: filter media for tears, punctures, uneven or damaged pleats; seals for tears/damage; plenum components for corrosion, cracks, distortions near holes, and check for missing or damaged fasteners.</p> <p>i) Inspect filter assys per AFS-AW139-IBF-ICA 8.3.1.2. ii) Inspect filter seals per AFS-AW139-IBF-ICA 8.3.2.2. iii) Inspect plenum assy per AFS-AW139-IBF-ICA 8.4.2.2.</p>				
3. #1 Engine Inlet Barrier Filter – Structural Components Inspection	<p>S/N 31562 ONLY</p> <p>Visually inspect all structural Inlet Barrier Filter components including the following: fore and aft frames, filter frames, Filter Maintenance Aid bracket, lower supports, fairings, covers, bypass doors, and actuator supports.</p> <p>i) Inspect bypass mechanism per AFS-AW139-IBF-ICA 8.4.3.2. ii) Inspect bypass door seal per AFS-AW139-IBF-ICA 8.4.4.2.</p>				

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
6. ENGINE & POWERPLANT					
4. #1 Engine Inlet Barrier Filter – Systems & Electrical Components Visual Inspection	<p>S/N 31562 ONLY</p> <p>Visually inspect systems and electrical components including the following: wiring, connectors, backshells, circuit breaker, cockpit indicator/switch, differential pressure switch, filter maintenance aid, and actuator.</p> <ul style="list-style-type: none"> i) Inspect circuit breaker per AFS-AW139-IBF-ICA 8.5.1.2 b. ii) Inspect cockpit indicator/switch per AFS-AW139-IBF-ICA 8.5.2.2 b. iii) Inspect differential pressure switch per AFS-AW139-IBF-ICA 8.5.3.2. iv) Inspect filter maintenance aid per AFS-AW139-IBF-ICA 8.5.4.2. v) Inspect actuator per AFS-AW139-IBF-ICA 8.5.5.2. vi) Inspect wiring, wiring harness, connectors, backshells, and circuit breaker per AFS-AW139-IBF-ICA 8.5.6.2 				
5. #1 Engine Inlet Barrier Filter – Systems & Electrical Components Functional Check	<p>S/N 31562 ONLY</p> <p>Functionally check the following components: circuit breaker, cockpit indicator/switch, differential pressure switch, filter maintenance aid, and actuator.</p> <ul style="list-style-type: none"> i) Function check differential pressure switch per AFS-AW139-IBF-ICA 8.5.3.5. ii) Function check filter maintenance aid per AFS-AW139-IBF-ICA 8.5.4.7. iii) Function check the circuit breaker and cockpit indicator switch per AFS-AW139-IBF-ICA 8.5.2.5 iv) Function check the actuator per AFS-AW139-IBF-ICA 8.5.5.7. 				
6. #1 Engine Inlet Barrier Filter – Reassembly & Closure.	<p>S/N 31562 ONLY</p> <ul style="list-style-type: none"> i) Reinstall filter panel assemblies per AFS-AW139-IBF-ICA 8.3.1.10. ii) Reinstall any panels and fairings removed for access to the system. iii) Reset the filter maintenance aid by pressing the yellow button on the lower side of the indicator (AFS-AW139-IBF-ICA 8.5.4.5). 				

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Tail Number	SAP Order Number	Work Order Number			
6. ENGINE & POWERPLANT					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
7. #2 Engine Inlet Barrier Filter – Filter Assy Servicing	<p>S/N 31562 ONLY</p> <p>i) Remove both filter panels (AFS-AW139-IBF-ICA 8.3) ii) Clean filter assemblies using only the methods and materials defined in AFS-AW139-IBF-ICA 7.3 (only AFS Air Filter Cleaner and low pressure water may be used). iii) Allow filter assemblies to fully dry (AFS-AW139-IBF-ICA 7.3.3) iv) Strike off the next available number (1 thru to 15) on the filter data plates. If no. 15 has already been struck off, the filter assembly must be replaced. Tick below next to the numbers which are struck off:</p> <p>Top filter panel (P/N 122300-101): 1__ 2__ 3__ 4__ 5__ 6__ 7__ 8__ 9__ 10__ 11__ 12__ 13__ 14__ 15__ Side filter panel (P/N 122350-101): 1__ 2__ 3__ 4__ 5__ 6__ 7__ 8__ 9__ 10__ 11__ 12__ 13__ 14__ 15__</p> <p>v) Re-oil filter using AFS approved filter oil (AFS-AW139-IBF-ICA 7.3.4).</p>				
8. #2 Engine Inlet Barrier Filter – Filter Assy Inspection	<p>S/N 31562 ONLY</p> <p>Visually inspect all components (including seals and fasteners) checking for the following: filter media for tears, punctures, uneven or damaged pleats; seals for tears/damage; plenum components for corrosion, cracks, distortions near holes, and check for missing or damaged fasteners.</p> <p>i) Inspect filter assys per AFS-AW139-IBF-ICA 8.3.1.2. ii) Inspect filter seals per AFS-AW139-IBF-ICA 8.3.2.2. iii) Inspect plenum assy per AFS-AW139-IBF-ICA 8.4.2.2.</p>				
9. #2 Engine Inlet Barrier Filter – Structural Components Inspection	<p>S/N 31562 ONLY</p> <p>Visually inspect all structural Inlet Barrier Filter components including the following: fore and aft frames, filter frames, Filter Maintenance Aid bracket, lower supports, fairings, covers, bypass doors, and actuator supports.</p> <p>i) Inspect bypass mechanism per AFS-AW139-IBF-ICA 8.4.3.2. ii) Inspect bypass door seal per AFS-AW139-IBF-ICA 8.4.4.2.</p>				

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Tail Number	SAP Order Number	Work Order Number			
6. ENGINE & POWERPLANT					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
10. #2 Engine Inlet Barrier Filter – Systems & Electrical Components Visual Inspection	<p>S/N 31562 ONLY</p> <p>Visually inspect systems and electrical components including the following: wiring, connectors, backshells, circuit breaker, cockpit indicator/switch, differential pressure switch, filter maintenance aid, and actuator.</p> <ul style="list-style-type: none"> i) Inspect circuit breaker per AFS-AW139-IBF-ICA 8.5.1.2 b. ii) Inspect cockpit indicator/switch per AFS-AW139-IBF-ICA 8.5.2.2 b. iii) Inspect differential pressure switch per AFS-AW139-IBF-ICA 8.5.3.2. iv) Inspect filter maintenance aid per AFS-AW139-IBF-ICA 8.5.4.2. v) Inspect actuator per AFS-AW139-IBF-ICA 8.5.5.2. vi) Inspect wiring, wiring harness, connectors, backshells, and circuit breaker per AFS-AW139-IBF-ICA 8.5.6.2 				
11. #2 Engine Inlet Barrier Filter – Systems & Electrical Components Functional Check	<p>S/N 31562 ONLY</p> <p>Functionally check the following components: circuit breaker, cockpit indicator/switch, differential pressure switch, filter maintenance aid, and actuator.</p> <ul style="list-style-type: none"> i) Function check differential pressure switch per AFS-AW139-IBF-ICA 8.5.3.5. ii) Function check filter maintenance aid per AFS-AW139-IBF-ICA 8.5.4.7. iii) Function check the circuit breaker and cockpit indicator switch per AFS-AW139-IBF-ICA 8.5.2.5 iv) Function check the actuator per AFS-AW139-IBF-ICA 8.5.5.7. 				
12. #2 Engine Inlet Barrier Filter – Reassembly & Closure.	<p>S/N 31562 ONLY</p> <ul style="list-style-type: none"> i) Reinstall filter panel assemblies per AFS-AW139-IBF-ICA 8.3.1.10. ii) Reinstall any panels and fairings removed for access to the system. iii) Reset the filter maintenance aid by pressing the yellow button on the lower side of the indicator (AFS-AW139-IBF-ICA 8.5.4.5). 				

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Tail Number	SAP Order Number	Work Order Number			
6. ENGINE & POWERPLANT					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
13. 71-26	<p>S/N 31851 ONLY</p> <p>IBF left upper/lower filter assy: Cleaning from any dirt particles, including the oil application on complete surface and seal inspection for integrity (filter removal required).</p> <p>Strike off the next available number (1 thru to 15) on the filter data plates. If no. 15 has already been struck off, the filter assembly must be replaced. Tick below next to the numbers which are struck off:</p> <p>Top filter panel (P/N 122300-101): 1__ 2__ 3__ 4__ 5__ 6__ 7__ 8__ 9__ 10__ 11__ 12__ 13__ 14__ 15__ Side filter panel (P/N 122350-101): 1__ 2__ 3__ 4__ 5__ 6__ 7__ 8__ 9__ 10__ 11__ 12__ 13__ 14__ 15__</p> <p>Ref. 39-A-71-61-05-01A-200A-K / 39-A-71-61-05-03A-200A-K</p>				
14. 71-27	<p>S/N 31851 ONLY</p> <p>IBF right upper/lower filter assy: Cleaning from any dirt particles, including the oil application on complete surface and seal inspection for integrity (filter removal required).</p> <p>Strike off the next available number (1 thru to 15) on the filter data plates. If no. 15 has already been struck off, the filter assembly must be replaced. Tick below next to the numbers which are struck off:</p> <p>Top filter panel (P/N 122300-101): 1__ 2__ 3__ 4__ 5__ 6__ 7__ 8__ 9__ 10__ 11__ 12__ 13__ 14__ 15__ Side filter panel (P/N 122350-101): 1__ 2__ 3__ 4__ 5__ 6__ 7__ 8__ 9__ 10__ 11__ 12__ 13__ 14__ 15__</p> <p>Ref. 39-A-71-61-05-01A-200A-K / 39-A-71-61-05-03A-200A-K</p>				
15. 71-28	<p>S/N 31851 ONLY</p> <p>IBF LH/RH Differential Pressure Switch: Do the FC for correct functioning</p> <p>Ref. 39-A-71-61-05-09A-340A-K</p>				
16. 71-29	<p>S/N 31851 ONLY</p> <p>IBF left upper/lower filter assy: Do a DI for cracks, deformation, corrosion of the metallic screen and of the attaching frame, including looseness or missing of fasteners and deterioration of protecting coating.</p> <p>Ref. 39-A-71-61-05-01A-31AA-K, 39-A-71-61-05-03A-31AA-K</p>				

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Tail Number	SAP Order Number	Work Order Number			
6. ENGINE & POWERPLANT					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
17. 71-30	<p>S/N 31851 ONLY</p> <p>IBF right upper/lower filter assy: Do a DI for cracks, deformation, corrosion of the metallic screen and of the attaching frame, including looseness or missing of fasteners and deterioration of protecting coating.</p> <p>Ref: 39-A-71-61-05-01A-31AA-K & 39-A-71-61-05-03A-31AA-K</p>				
18. 71-31	<p>S/N 31851 ONLY</p> <p>IBF actuator bundles, connectors, circuit breakers and cockpit indicator switch: Do a GVI to detect corrosion, overheating or mechanical damage- age of bundles and condition, safety and security of connectors</p> <p>Ref: 39-A-71-61-00-00A-310A-K</p>				
19. 71-32	<p>S/N 31851 ONLY</p> <p>IBF LH filter maintenance aid: Do a DI for discoloration affecting readability, cracks, deformation, missing or damaged components.</p> <p>Ref: 39-A-71-61-05-10A-31AA-K</p>				
20. 71-33	<p>S/N 31851 ONLY</p> <p>IBF RH filter maintenance aid: Do a DI for discoloration affecting readability, cracks, deformation, missing or damaged components</p> <p>Ref: 39-A-71-61-05-10A-31AA-K</p>				
21. 71-34	<p>S/N 31851 ONLY</p> <p>IBF RH and LH filter maintenance aid: Do a FC in order to verify the correct calibration.</p> <p>Ref: 39-A-71-61-05-10A-340A-K</p>				
22. 71-35	<p>S/N 31851 ONLY</p> <p>IBF RH and LH pressure switch: Do a FC in order to verify the correct calibration.</p> <p>Ref: 39-A-71-61-05-09A-340A-K</p>				

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6. ENGINE & POWERPLANT					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
23. 71-36	S/N 31851 ONLY IBF RH and LH bypass actuator: Do a FC in order to verify the correct functioning. Ref: 39-A-71-61-05-08A-340A-K				
24. 71-37	S/N 31851 ONLY IBF actuators and switches: Do a DI for corrosion, cracks, and scratches. Ref: 39-A-71-61-05-08A-31AA-K Opportune in conjunction with upper and lower filters cleaning Filter Cleaned: YES _____ NO _____				
25 71-38	S/N 31851 ONLY IBF brackets, frames/fairings and by-pass doors: Do a DI for corrosion, cracks, scratches, deformation and deterioration of coating. Ref: 39-A-71-61-05-07A-31AA-K Opportune in conjunction with upper and lower filters cleaning Filter Cleaned: YES _____ NO _____				
26. 72-30-05	Compressor Rotor, First Stage: Perform a visual check for FOD, erosion, and overall condition of the engine compressor rotor, first stage area. Ref: PWC EMM 72-30-05				
27. CP400-11	DI of Left and Right Engine Bays: Perform a detailed inspection of the fasteners, rivets and joints in the engine bays. Inspection to include the engine cowling provisions, the firewalls and the engine links and brackets. Ref: 39-A-20-82-08-00A-31AA-D				
ENGINE & POWERPLANT COMPLETED					

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
7. AVIONIC & ELECTRICAL					
1. 01-02	Main and auxiliary batteries: Do a GVI for condition and security of connections. Vent lines for condition. Quick release connectors for condition and arching. Temperature sensor connectors for condition and security. Includes a check of batteries to detect corrosion or mechanical damage of bundles and condition, safety and security of connectors				
2. 01-03	Air Data Modules (ADM): Do a GVI to detect corrosion or mechanical damage of bundles and condition, safety and security of connectors				
3. 01-04	Modular Radio Cabinets (MRC): Do a GVI to detect corrosion or mechanical damage of bundles and condition, safety and security of connectors (task applies to all connectors of both the MRCs)				
4. 01-05	K1 and K2 relays (300 A): Do a GVI to detect corrosion or mechanical damage of bundles and condition, safety and security of connectors				
5. 22-02	Collective LVDT: Do a GVI to detect corrosion or mechanical damage of bundles and condition, safety and security of connectors. Ref. 39-A-76-11-00-00A-310A-A				
6. 23-01	APPLIES TO AIRCRAFT WITH THE SATCOM ISAT-200 INSTALLED SATCOM ISAT-200 Transceiver: Do a detailed inspection of the battery pack for condition and signs of leakage. Ref: 39-B-23-95-03-01A-31AA-K Applicable _____ Not Applicable _____				
7. 25-94	APPLIES TO SN 31851 WITH DEPLOYABLE ELT SYSTEM ONLY OC of ADELT: Do an operational check (built-in test) of the ADELT to confirm swept tones activation. "TX/TEXT" and "BEACON GONE" indicators illumination. Ref: 39-A-25-64-00-00A-320A-K Applicable _____ Not Applicable _____ Note: If ELT configuration unit requires replacement for any reason, ensure ELT Configuration Unit Replacement Checklist is used.		RII		

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
7. AVIONIC & ELECTRICAL					
8. 25-95	APPLIES TO SN 31851 WITH DEPLOYABLE ELT SYSTEM ONLY DI of ADELT CPI Beacon and Beacon Release Unit (Off Aircraft): DO a detailed inspection of the beacon release unit (external visible unit) and of the gasket between the beacon release unit and the CPI beacon. Check also the CPI beacon (both sides), gasket between the CPI beacon case and the cover, and CPI beacon fixing bolt. (Removal of the CPI beacon is required) Ref: 39-A-25-64-00-01A-31AA-K Applicable _____ Not Applicable _____		RII		
9. 25-96	APPLIES TO SN 31851 WITH DEPLOYABLE ELT SYSTEM ONLY DI of ADELT Water Activated Switch: Do a detailed inspection of the ADELT water activated switch and visible portion of the cables for condition, correct installation, signs of deterioration or corrosion. Ref: 39-A-25-64-03-00A-31AA-K Applicable _____ Not Applicable _____		RII		
10. 25-97	APPLIES TO SN 31851 WITH DEPLOYABLE ELT SYSTEM ONLY DI of ADELT System Interface Unit (SIU): Detailed inspection of SIU, including the gasket seal between SIU and battery cover for condition and damage. Ref: 39-A-25-64-02-00A-31AA-K Applicable _____ Not Applicable _____		RII		
11. 26-02	Number 1 fire bottle low pressure indication: Do an OC to check operation of fire bottle low pressure indication (test can be done with push-button on bottle pressure switch). Ref. 39-A-26-21-00-00A-320A-A		RII		
12. 26-04	Number 1 fire bottle firing circuits: Do an OC to check integrity of bottle firing circuits. Includes FC (continuity) of fire bottle arming and selection circuits, and OC of automatic closing of fuel SOV (auto shut-off when fire protection circuits are armed). Ref. 39-A-26-21-00-00A-320A-A		RII		
13. 26-06	Number 2 fire bottle low pressure indication: Do an OC to check operation of fire bottle low pressure indication (test can be done with push-button on bottle pressure switch). Ref. 39-A-26-22-00-00A-320A-A		RII		

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
7. AVIONIC & ELECTRICAL					
14. 26-08	<p>Number 2 fire bottle firing circuits: Do an OC to check integrity of bottle firing circuits. Includes FC (continuity) of fire bottle arming and selection circuits, and OC of automatic closing of fuel SOV (auto shut-off when fire protection circuits are armed).</p> <p>Ref. 39-A-26-22-00-00A-320A-A</p>		RII		
15. 31-01	<p>ELT: Do a DI for condition and damage.</p> <p>Ref. 39-A-25-61-00-00A-31AA-K</p> <p>Note: If ELT requires replacement for any reason, ensure ELT Replacement Checklist is used.</p>				
16. 31-02	<p>ELT battery</p> <p>Do a FC to check that battery voltage exceed a specified value.</p> <p>Ref. 39-A-25-61-05-00A-340A-K</p> <p>Note: If ELT requires replacement for any reason, ensure ELT Replacement Checklist is used.</p>				
17. 31-03	<p>ELT g-switch</p> <p>Do an OC to verify automatic activation of ELT.</p> <p>Ref. 39-A-25-61-02-00A-320B-K</p> <p>Note: If ELT requires replacement for any reason, ensure ELT Replacement Checklist is used.</p>				
18. 31-07	<p>IMMEDIATELY PRIOR TO PERFORMING THIS CHECK, REMOVE THE "DO NOT OPERATE" TAGS AND RESET THE MPFR CIRCUIT BREAKERS PULLED IN STEP 1.a.</p> <p>MPFR: Do a FC to check that all parameters are active and are of acceptable quality (remove MPFR immediately after flight) (copy and replay complete FDR and CVR data memory contents).</p> <p>Ref. 39-A-31-31-00-00A-340A-A</p>				
19. 32-12	<p>Landing gear control valve: Do a GVI to detect corrosion or mechanical damage of bundles and condition, safety and security of connectors (access from helicopter belly).</p> <p>Ref. 39-A-32-31-02-00A-310A-A</p>				
20. 33-01	<p>Emergency power supply unit (2 off): Servicing (deep cycle recharge) to maintain battery condition.</p> <p>Ref. 39-A-33-51-00-00A-200A-A</p>				

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
7. AVIONIC & ELECTRICAL					
21. 33-02	Emergency exit lighting system: Do a functional check to check correct operation of system Ref: 39-A-33-52-00-00A-340A-K				
22. 34-05	S/N 31562 ONLY TCAS Antenna: Do a DI to detect any evidence of dirt, black powder, foreign material and dents of the connectors Ref: 39-A-34-44-05-00A-31AA-K				
23. 67-03	Electrical cables in close proximity to the fixed flight controls: Do a GVI to verify condition and clearance (fault finding task). Ref. 39-A-67-31-00-00B-310A-A.				
24. 91-13	Avionic connectors in the nose radome: Do a GVI to detect corrosion or mechanical damage of bundles and connectors of MAU 1, MAU 2 and AHRS, for condition, safety and security. Ref. 39-A-91-10-00-00E-310A-A.				
25. LH Liferaft ELT Battery DT25-19	Check battery expiry date and record below: _____ Replace battery if less than 12 months remain. If battery replacement is required use P/N A0696 battery and P/N OR-00-36 O-ring. Replace i.a.w Techtest 500-12 Series M.M. #HRS1002-5-00. ELT Battery: Replaced _____ Not replaced _____				
26. RH Liferaft ELT Battery DT25-19	Check battery expiry date and record below: _____ Replace battery if less than 12 months remain. If battery replacement is required use P/N A0696 battery and P/N OR-00-36 O-ring. Replace i.a.w Techtest 500-12 Series M.M. #HRS1002-5-00. ELT Battery: Replaced _____ Not replaced _____				

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Tail Number	SAP Order Number	Work Order Number			
7. AVIONIC & ELECTRICAL					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
27. Fire bottle squib replacement DT26-01	<p>Verify date of manufacture on all 4 fire bottle squibs. Replace if older than 9 years from date of manufacture. Enter dates in the spaces provided below:</p> <p>L/H FWD _____ L/H AFT _____</p> <p>R/H FWD _____ R/H AFT _____</p> <p>Note: If a squib is more than 9 years from date of manufacture but less than 10 years and a replacement is not immediately available, it may remain in service provided the following conditions are met:</p> <ul style="list-style-type: none"> i) The squib may NOT remain in service after the calendar month in which it becomes 10 years from date of manufacture ii) A non-routine must be opened for each squib that is more than 9 years old stating the squib position, date of manufacture, and lot no. Requirement is for a SAP maintenance plan to be set against the squib with the due date being the last day of the month the squib becomes 10 years old. Corrective action is the creation of the SAP maintenance plan and must include the maintenance plan number. iii) Item must be treated as R2 and the non-routine(s) signed by QC. 		RII		
28. DT95-20 (DART)	<p>S/N 41547 & ONWARD, 31850 & ONWARD</p> <p>LH Liferaft ELT Battery: Check battery expiry date and record below: _____</p> <p>Replace battery if less than 12 months remain. If battery replacement is required use P/N A01299 battery. Replace I.A.W 39-C-95-61-00-02A-92AA-K.</p> <p>ELT Battery: Replaced _____ Not replaced _____</p>				
29. DT95-20 (DART)	<p>S/N 41547 & ONWARD, 31850 & ONWARD</p> <p>RH Liferaft ELT Battery: Check battery expiry date and record below: _____</p> <p>Replace battery if less than 12 months remain. If battery replacement is required use P/N A01299 battery. Replace I.A.W 39-C-95-61-00-02A-92AA-K.</p> <p>ELT Battery: Replaced _____ Not replaced _____</p>				

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Tail Number	SAP Order Number	Work Order Number			
7. AVIONIC & ELECTRICAL					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
30. ELT registration (fixed)	<p>NOTE: For the following test ensure either the aircraft navigation systems are switched off, or that the ELT NAV Interface Unit is disconnected.</p> <p>1) Record fifteen character hexadecimal beacon ID code from the label on the ELT. If code is not on the side of the beacon, read ELT 15 character beacon ID using tester per C406-2HM CMM 25-62-11-750-009 and record below:</p> <p>_____</p> <p>_____</p> <p>2) Obtain from Planning a printout showing that the ELT identified by the hex code recorded above is currently registered with NOAA, COSPAS or any International Beacon Registration Database as being installed on this aircraft. Attach printout to this form.</p> <p>3) Record ELT Serial Number:</p> <p>_____</p> <p>4) Record ELT battery expiry date:</p> <p>_____</p> <p>Applicable _____ Not Applicable _____</p>		RII		
31. ELT (Deployable type) Registration	<p>APPLIES TO AIRCRAFT WITH DEPLOYABLE ELT SYSTEM ONLY</p> <p>1) Record fifteen character hexadecimal beacon ID code from the label on the ELT Configuration Unit. If code is not on the side, read the ELT Configuration Unit 15 character beacon ID using tester per AMP 39-A-25-64-04-00A-759A-K and/or TechTest Manual TT3590 and record below:</p> <p>_____</p> <p>_____</p> <p>2) Obtain from Planning a printout showing that the ELT identified by the hex code recorded above is currently registered with NOAA, COSPAS or any International Beacon Registration Database as being installed on this aircraft. Attach printout to this form.</p> <p>3) Record ELT configuration unit serial number:</p> <p>_____</p> <p>4) Record ELT configuration unit ID number:</p> <p>_____</p> <p>Applicable _____ Not Applicable _____</p>				

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Tail Number	SAP Order Number	Work Order Number			
7. AVIONIC & ELECTRICAL					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
32. LH Liferaft ELT Registration	1) Record 15 character hexadecimal ID code on the label on the ELT. If code is not on the beacon, use procedure in AMP 39-A-25-62-07-01A-759A-K to identify the code, then attach a decal with the code to the side of the beacon. _____ _____ 2) Obtain from Planning a printout showing the ELT with the above code is registered with NOAA or COSPAS as being installed on this aircraft. Attach printout to this form. 3) Record ELT serial number: _____ 4) Record ELT ID number: _____		RII		
33. RH Liferaft ELT Registration	1) Record 15 character hexadecimal ID code on the label on the ELT. If code is not on the beacon, use procedure in AMP 39-A-25-62-07-01A-759A-K to identify the code, then attach a decal with the code to the side of the beacon. _____ _____ 2) Obtain from Planning a printout showing the ELT with the above code is registered with NOAA or COSPAS as being installed on this aircraft. Attach printout to this form. 3) Record ELT serial number: _____ 4) Record ELT ID number: _____		RII		
34. GACA Form 260	If any ELT's were replaced or re-programmed in steps 27 thru 30 above AND the aircraft is "HZ" registered, submit GACA Form 260 for each ELT replaced and/or re-programmed.				

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
7. AVIONIC & ELECTRICAL					
35. VIP 37 Plus Interior 4-3-2-4	<p>Mecaer VIP 37 Plus Interior – Equipment rack and electronic/electrical devices inspection (S/N 31562 ONLY)</p> <p>NOTE: The A.C. cross beam assy equipped shall be considered in common with the IFEEL cross beam assy equipped installation (Refer to Appendix AG of M.A.G. Owner's Manual P/N 6AB1WNM-2-20) and with the SAT-COM cross beam assy equipped installation (Refer to Appendix V of M.A.G. Owner's Manual P/N 6AB1WNM-2-5).</p> <ol style="list-style-type: none"> 1. According to AW139 Maintenance Manual 39-A-AMP-00-P gain access to the storage compartment. 2. Remove the aft panel of the separation bulkhead (if installed). 3. Inspect equipment rack for security, proper locking and corrosion damage. 4. Inspect electronic / electrical devices installed on the equipment rack for conditions, safety and locking. <p>Ref: Mecaer 6AB1WNM-2-16 Appendix U.</p>				
36. IFEEL System 4-2-2	<p>Mecaer IFEEL Entertainment System – Equipment rack and electronic/electrical devices inspection (S/N 31851 ONLY)</p> <ol style="list-style-type: none"> 1. Perform general visual inspection of all parts of the installation. 2. Inspect connectors for condition, safety locking and corrosion damage. 3. Inspect cable assy straps for security and that they are tightly attached to the structure and has no damage. 4. Inspect IFEEL rack for security, proper locking and corrosion damage. 5. Inspect electronic and electrical devices installed on IFEEL rack for conditions, safety and proper locking. 6. Inspect the bonding leads for conditions, wear and security. 7. Inspect all relevant attachment points on the helicopter fuselage (frames, ribs, intercostals, rings, etc.) for condition and security and for absence of cracks and corrosion. Inspect attachment screws and bolts for security. <p>Ref: Mecaer 6AB1WNM-2-20 Appendix BQ.</p>				
37. Cabin communication systems	Following reinstallation of interior trim panels (headliner and PSU), do a FC of all cabin communication systems to include polycom.				
AVIONIC & ELECTRICAL COMPLETED					

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
8. NIGHT VISION SYSTEMS					
1. Pre-Inspection MTD 2017-001AW139 STCSR02104SE	<p>S/N 31562 ONLY</p> <p>1. Review aircraft records for compliance of STC SR02104SE.</p> <p>Applicable _____ Not Applicable _____</p> <p>NOTE: If applicable, continue with step 2. If not applicable, N/A steps 2 thru 9.</p>				
2. Maintenance Practices	<p>1. Inspect aircraft for conformity to the approved STC configuration.</p> <p>2. Open doors 1, 2, 3, & 4 (Reference STC ICA Paragraph 3-2, Figure 3.1).</p> <p>3. Clean lights using a clean, lint-free cloth and contact cleaner if necessary (Reference STC ICA Paragraph 5-5).</p>				
3. Placards	<p>(Refer to STC ICA Paragraph 4-1, Figures 4.1 & 4.2)</p> <p>Placards that control the operation of equipment during NVG operations should be inspected for condition and legibility. Placards that are illegible and/or damaged must be replaced.</p>				
4. Instrument Flood Lights	<p>(Refer to STC ICA Paragraph 5-6, Figure 5.1)</p> <p>1. Inspect floodlights for cleanliness, cracks and cracking around mount holes. Flood lights with cracks must be replaced.</p> <p>2. Inspect instrument panel cover around mount areas for signs of loose hardware and cracking. Tighten hardware as necessary. Cracks may be repaired per OEM specification IAW manufacturer instructions.</p> <p>3. Inspect rheostat and wiring for chafing, fraying and condition of electrical connectors. Chafing on wire casing up to fifty percent (50%) of the original thickness is acceptable. Wires with more than fifty percent (50%) chafing on wire casing must be replaced. Bare or frayed wires are unacceptable and must be repaired or replaced.</p>				
5. Radio, Indicator, Annunciator and Lamp Assembly Filtration	<p>(Refer to STC ICA Paragraph 5-6, Figure 5.2)</p> <p>Inspect filters for cleanliness, crazing, condensation and cracking. Any filters with crazing, condensation, or cracking that allows incompatible light leakage or degraded visual acuity of display must be replaced. If condensation can be cleaned after removing the filter, and the condensation is not a defect in the filter itself, the filter may be reinstalled. See Appendix B for equipment that requires filtration.</p>				

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
8. NIGHT VISION SYSTEMS					
6. Backup Utility Light	<p>(Refer to STC ICA Paragraph 5-7, Figure 5.3 & 5.4)</p> <ol style="list-style-type: none"> 1. Inspect utility light for cleanliness, cracks in lens and cracking around mount holes. Cracked lenses must be replaced. Mounting hole cracks and utility lights with cracks must be replaced. 2. Inspect aircraft fuselage around mount area for signs of loose hardware and cracking. Tighten hardware as necessary. Cracks in fuselage may be repaired per OEM specifications or IAW manufacturer instructions. 3. Inspect wiring for chafing, fraying and condition of electrical connectors. Chafing on wire casing up to fifty percent (50%) of the original thickness is acceptable. Wires with more than fifty percent (50%) chafing on wire casing must be replaced. Bare or frayed wires are unacceptable and must be repaired or replaced. 				
7. Cabin Lighting	<p>(Refer to STC ICA Paragraph 5-8, Figure 5.5)</p> <ol style="list-style-type: none"> 1. Inspect LED light(s) for cleanliness, scratches and cracking around mount holes. Light(s) with cracks must be replaced. 2. Inspect light wiring for chafing and fraying. Chafing on wire casing up fifty percent (50%) of the original thickness is acceptable. Wires with more than fifty percent (50%) chafing on wire casing must be replaced. Bare or frayed wires are unacceptable and must be repaired or replaced. 3. Inspect interior panels around mount area for cracking. Cracks up to one-half inch (0.5 in.) are acceptable. Panels with cracks longer than one-half inch (0.5 in.) must be repaired per OEM specification IAW manufacturer instructions. 4. As applicable per Appendix B Inspect filters for cleanliness, crazing, condensation and cracking. Any filters with crazing, condensation and cracking that allows incompatible light leakage or degraded visual acuity of display must be replaced. If condensation can be cleaned after removing the filter and the condensation is not a defect in the filter itself the filter may be reinstalled between the filter and OEM lens or bezel. See Appendix B for filter and instrument assemblies that require this installation 				

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
8. External Lighting	<p>(Refer to STC ICA Appendix A, to determine applicability)</p> <p>Inspect LED Position Light Assemblies.</p> <ol style="list-style-type: none"> The LED external lights are designed with multiple LED's. If any LED fails, the unit must be replaced. Inspect the lens, replace if the lens has excessive scratching, discoloration. If the lens is cracked in any amount replace the lens and or light assembly. 				
9. Post Inspection	<ol style="list-style-type: none"> Install access panels and close doors opened up for the inspection. Perform operational check of inspected systems to verify correct function and operation. Inspect all panel lighting, radio, and annunciator lights for proper illumination and balance. Inspect rheostat controls for full range and illumination levels. Conduct a light leakage check using STC ICA Paragraph 2-5, Section "Incompatible Light Leak Check." Complete and sign aircraft's maintenance record entry. 				
NIGHT VISION SYSTEMS COMPLETED					

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Tail Number

SAP Order Number

Work Order Number

9. AIRCRAFT GENERAL – CLOSEOUT

ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. Aircraft documents	Check that all required aircraft documents are on board (Aircraft Registration, Certificate of Airworthiness, Radio Station License, GACA Operations Specifications, Insurance Certificate, GACA Operating Certificate).				
AIRCRAFT GENERAL – CLOSEOUT COMPLETED					

10. WORK COMPLETION

TASK	MECH	INSP	WORK REQD Yes / No
Ensure the 50 Hour Checklist has been completed in conjunction with this checklist.			
Complete final walkaround on aircraft to ensure all panels have been reinstalled.			
Verify completion of all associated Routine / Non-Routine work forms.			
Record the total man-hours for all checklist items: _____			

I certify that the 1 Year (VIP) Check has been performed on aircraft:

(tail number) _____, aircraft total time _____, in accordance with the Mukamalah Aviation Company Leonardo AW139 Aircraft Inspection Program Revision ___ and Operator Maintenance Manual Revision ___ and the aircraft has been determined to be in airworthy condition with respect to the work performed.

Date

Mechanic's Signature

Company ID No. or
Cert. No.

Repair Station Cert. No.
(if applicable)

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PANELS NORMALLY REMOVED DURING THIS INSPECTION			
PANEL NUMBER	OPENED BY	CLEARANCE TO CLOSE / DATE	CLOSED BY / DATE
130AL (Belly Panel for T/R Friction)			
131AL (LH Under Nose/Float Cover)			
132AR (RH Under Nose/Float Cover)			
140AT (Roof Fwd Small Blue Panel, Under Actuators)			
140BT (Roof Fwd. Large Blue Panel, Actuator Removal)			
141AL			
142AR			
150AL			
150AT (Fwd. Round Blue Ceiling Panel)			
150CT (XMSN Drain Pan)			
150DT (Fwd Split Ceiling Panel)			
151BL (LH Hinge Ceiling Panel, Lights)			
151DL (Aft Split Ceiling Panel)			
152AR			
152CR (RH Hinge Ceiling Panel, Lights)			
152DR			
160CL (Aft Cabin Large Wall Lining, Cabin/Fuel Tank)			
160GL (Baggage Fwd. Vertical Wall, Baggage/Fuel Tank)			
160LL			
160ML			
161AL (LH Upper Fuel Profile Panel)			
180AT (Aft Baggage Ceiling Panel, 3 of 3)			
180BL (Baggage Aft Floor)			
180EL			
180FL (Fwd Baggage Floor, Avionic Access)			
181AL			
181BL			
181DL (LH Baggage Wall Lining, Over Door)			
183AL			

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PANELS NORMALLY REMOVED DURING THIS INSPECTION			
PANEL NUMBER	OPENED BY	CLEARANCE TO CLOSE / DATE	CLOSED BY / DATE
190AL (Aft Baggage Wall Lining, Fuselage/T-Boom)			
213AL			
310AL (T-Boom Drive Shaft Cover, Long)			
310BL (T-Boom Lwr Access Cover, Yaw1/Yaw2)			
311AL (LH T-Boom Upper Fitting Cover, 200HR)			
311BL (LH T-Boom Middle Fitting Cover, 200HR)			
311CL (LH T-Boom Lwr Fitting Cover, 200HR)			
313AL (T-Boom Vertical/Middle Drive Shaft Cover, 45 Degree)			
360AL (T-Boom Vertical Tail Camera Cover/ Lens)			
360AT (T-Boom Upper Fwd Cowl)			
360BT			
360CL (T-Boom Aft Vertical Cowl)			
360CT (T-Boom Upper Aft Cowl, Rotating Beacon Attached)			
360DL (T-Boom Lwr Vertical Fin Cowl, Wraps Stabilizer)			
360DT			
461AL (#1 Eng Cowl, IBF Filt Attached)			
462AR (#2 Eng Cowl, IBF Filt Attached)			
471AL (#1 Eng Aft Cowl, Exh Passes Through)			
472AR (#2 Eng Aft Cowl, Exh Passes Through)			
473AL (XMSN Fwd Sliding Cowl, Large)			
474BL (Top Center Fwd Eng Cowl)			
480AL (Top Center Aft Eng Cowl, Fire Bottle Access)			
740AL (LH Fwd Sponson Cover, Raft)			
740BL (LH Aft Sponson Cover, Raft)			
750AR (RH Fwd Sponson Cover, Raft)			
750BR (RH Aft Sponson Cover, Raft)			
BAGGAGE INTERIOR PANELS			
120AL			
120AR			

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PANELS NORMALLY REMOVED DURING THIS INSPECTION			
PANEL NUMBER	OPENED BY	CLEARANCE TO CLOSE / DATE	CLOSED BY / DATE
130ZL			
131BL			
131CL			
132BR			
132CR			
140AL (Collective Jackshaft Cover)			
140BL			
141BL (LH Fwd Door Post Lining, Control Tube Access)			
141CL			
141DL			
141EL			
141FL			
141GL			
141HL			
142BR (RH Fwd Door Post Lining, Control Tube Access)			
142CR			
142DR			
142ER			
142FR			
150BT (Aft Round Blue Panel, Access to XMSN Drain Pan)			
150ZT (Pilot/Co-Pilot Center Overhead C.B. Trim Panel)			
151AL			
151CL			
151EL			
151FL			
151GL			
151HL			
152BR (Emergency Landing Gear Reset Cover)			
152ER			
152FR			

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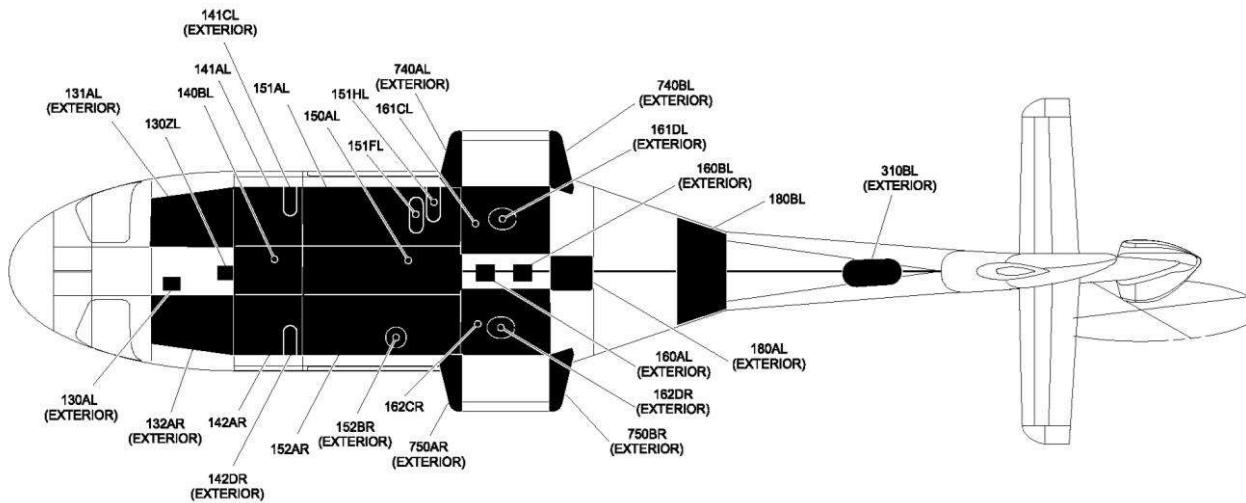
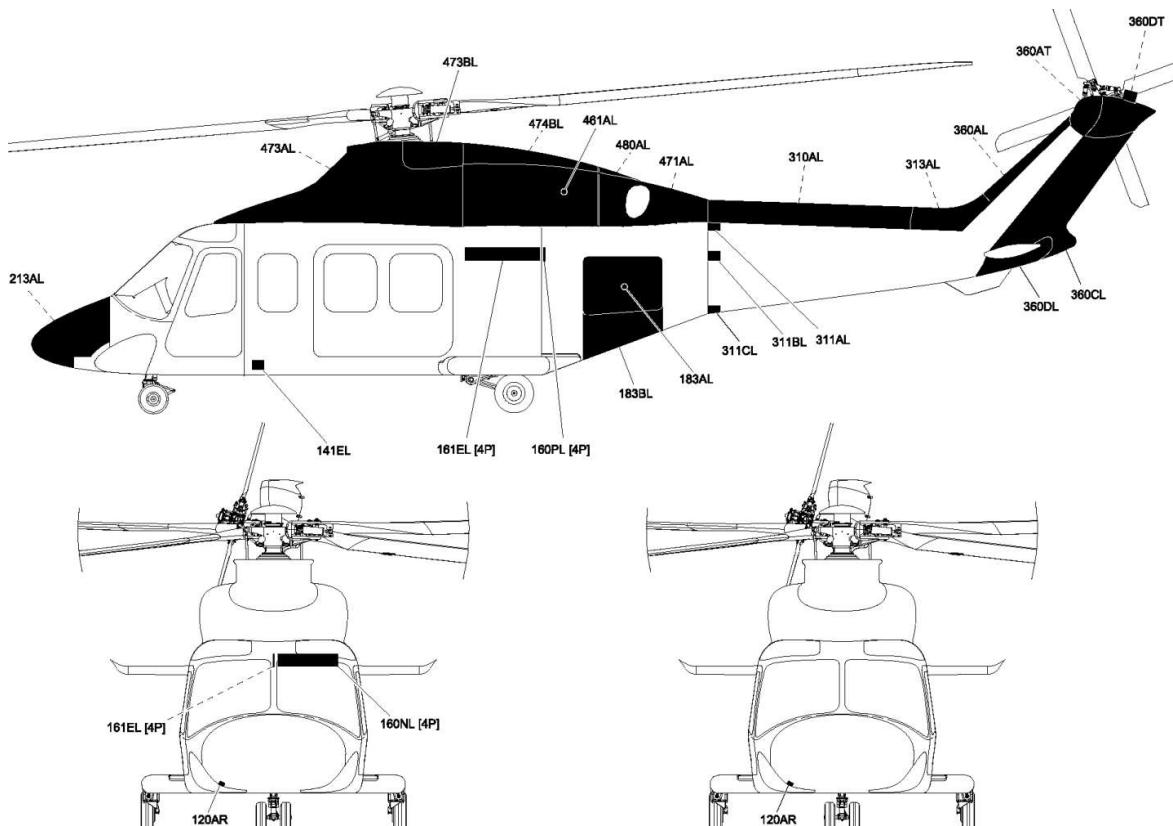
PANELS NORMALLY REMOVED DURING THIS INSPECTION			
PANEL NUMBER	OPENED BY	CLEARANCE TO CLOSE / DATE	CLOSED BY / DATE
160AL			
160AT (Baggage Fwd Ceiling Panel, 1 of 3)			
160BL			
160BT (Baggage Middle Ceiling Panel, 2 of 3)			
160DL			
160EL			
160FL			
160HL			
160NL			
160PL			
161BL			
161CL			
161DL			
161EL			
162AR (RH Upper Fuel Profile Panel)			
162BR			
162CR			
162DR			
180AL			
180CL (Baggage LH Aft Upper Roof Lining, Smoke Detector)			
180DR (Baggage Rh Aft Upper Roof Lining)			
180ER (Baggage RH Aft Wall Lining, Over Door)			
180GL			
181CL			
182AR			
182BR			
182CR			
182DR (RH Baggage Wall)			
183BL			
184AR			

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PANELS NORMALLY REMOVED DURING THIS INSPECTION			
PANEL NUMBER	OPENED BY	CLEARANCE TO CLOSE / DATE	CLOSED BY / DATE
184BR			
312AR (RH T-Boom Upper Fitting Cover, 200HR)			
312BR (RH T-Boom Middle Fitting Cover, 200HR)			
312CR (RH T-Boom Lwr Fitting Cover, 200HR)			
360BL (IGB Access)			
473BL			
473BR			
474AL (#1 Eng Lwr Access Panel, Fuel Nozzle/Igniter)			
474AR (#2 Eng Lwr Access Panel, Fuel Nozzle/Igniter)			
480BL			
961AL			
961BL			
962AR			
962BR			
974AL			
974BL			
974BR			
CABIN FLOOR IPD 39-A-53-27-03-01A-941A-A ITEM 7			
CABIN FLOOR IPD 39-A-53-27-03-01A-941A-A ITEM 13			
CABIN FLOOR IPD 39-A-53-27-03-01A-941A-A ITEM 20			

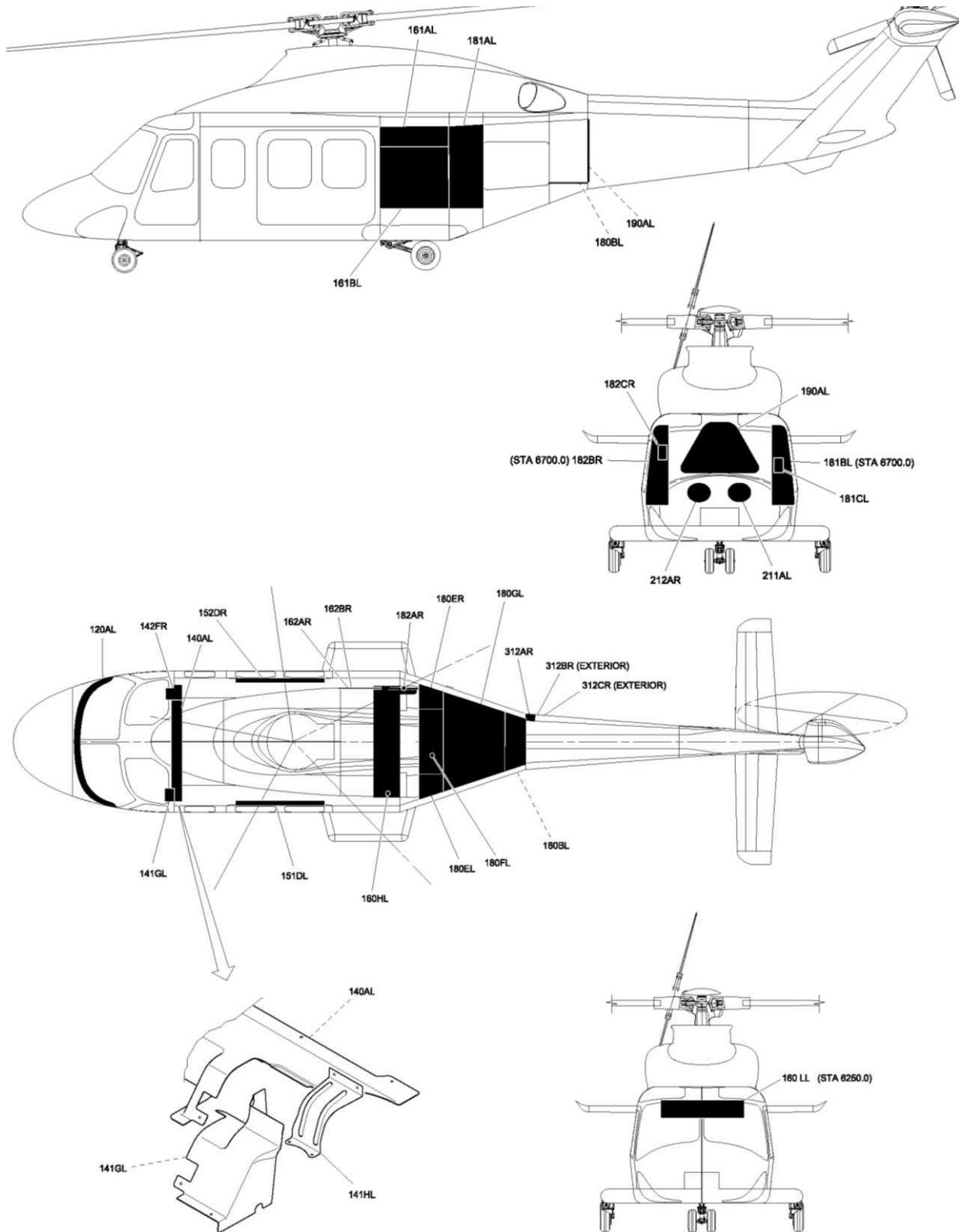
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05-05-1YR AW139 1 YEAR (VIP) CHECK

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LEONARDO S.p.A. AW139 AIRCRAFT INSPECTION PROGRAM
05-05-1YR AW139 1 YEAR (VIP) CHECK

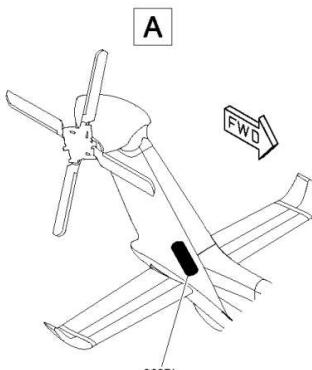
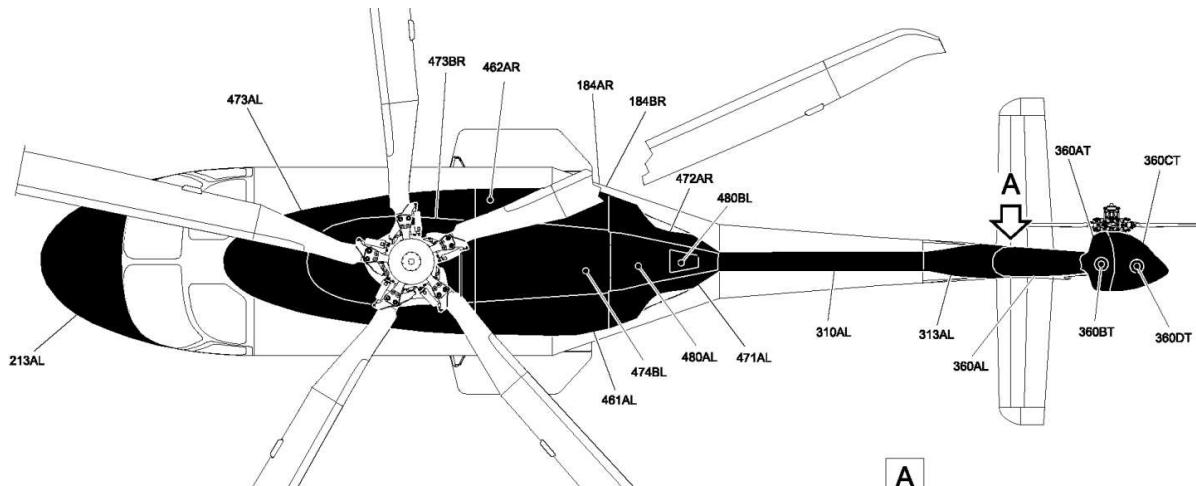


**VIEW FROM
THE BOTTOM**

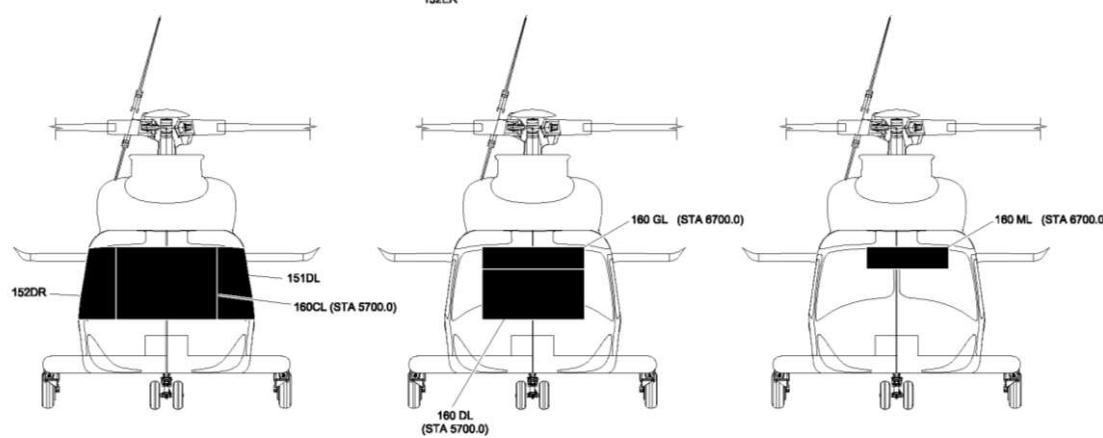
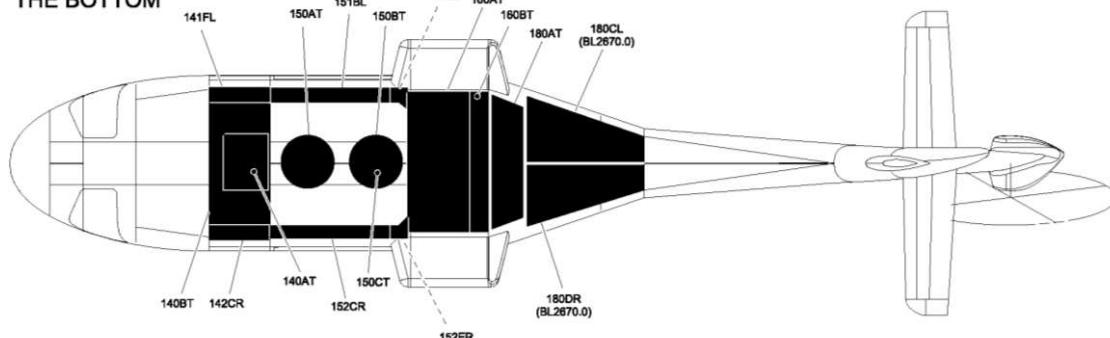
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05-05-1YR AW139 1 YEAR (VIP) CHECK



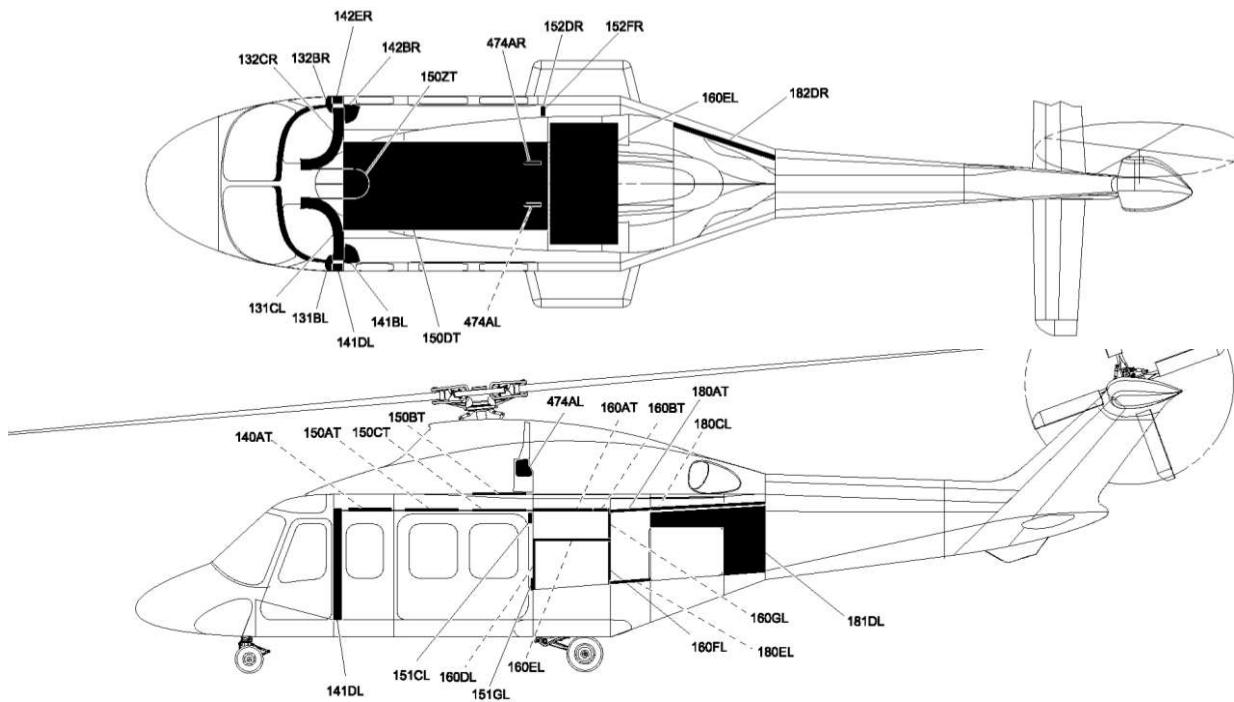
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05-05-1YR AW139 1 YEAR (VIP) CHECK



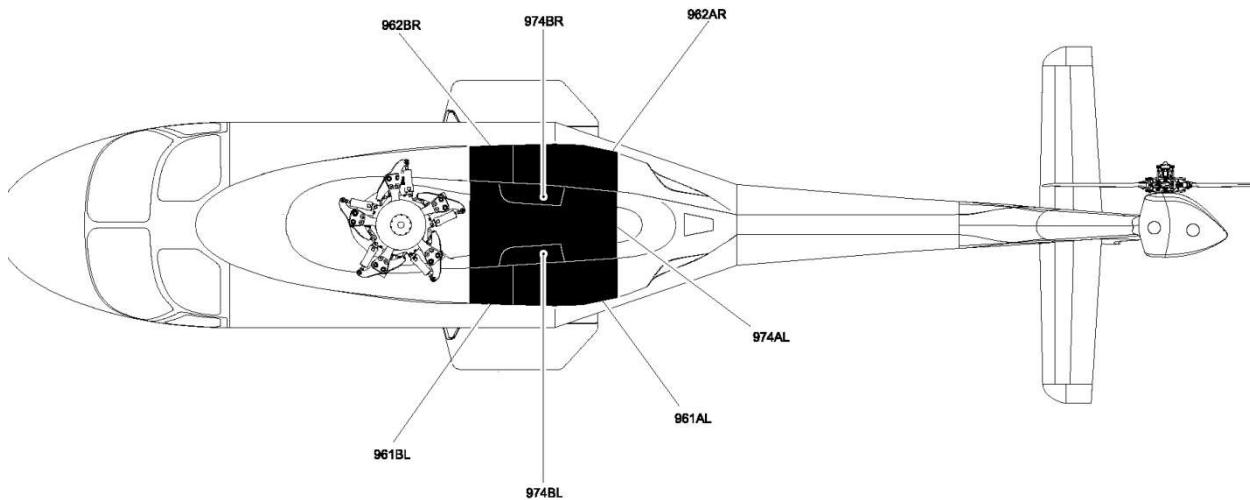
**VIEW FROM
THE BOTTOM**



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NOTE: Access doors/panels when the engine inlet particle separator system is installed on the helicopter



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