
MUKAMALAH AVIATION COMPANY LIMITED (MAC)
LEONARDO S.p.A. AW139 AIRCRAFT INSPECTION PROGRAM
05-42-30 AW139 4 YEAR 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 4 years / 4800 hours / 23,450 landings, whichever comes first. The 1 Year and 2 Year inspection checklists must be accomplished in conjunction with this check.		
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. Enter the Man Hours for each completed line item in the MHRS column.		
7. 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.		

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 4 years / 4800 hours / 23,450 landings, whichever comes first. The 1 Year and 2 Year inspection checklists must be accomplished in conjunction with this check.
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. Enter the Man Hours for each completed line item in the MHRS column.
7. 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.

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1. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR		
ITEM	TASK	MECH
1. 26-01	No. 1 fire protection "T" check valve: Do an OC to check that the valve can operate and reset. Ref. 39-A-26-21-02-00A-320A-A.	RII
2. 26-05	No. 2 fire protection "T" check valve: Do an OC to check that the valve can operate and reset. Ref. 39-A-26-22-02-00A-320A-A.	RII
3. 28-01	Fuel tank attachment points: Do a DI (fault finding task). Ref. 39-A-28-11-00-00A-31AA-A.	
4. 53-03	NLG retract actuator bracket: Do a DI for corrosion and condition (borescope may be required). Ref. 39-A-53-10-00-00A-31AN-A	RII
5. 53-04	Nose landing gear attachment fitting and back-up structure: Do a GVI to detect damage. Ref. 39-A-53-10-00-00B-310A-A NOTE: Machined parts only, NOT back-up structure.	
6. 53-05	Main landing gear fittings at STA 5700 and STA 6700: Do a GVI to detect damage. Ref. 39-A-53-10-00-00C-310A-A.	
7. 53-06	MGB right forward reinforcement: Do a DI for corrosion and condition. Ref. 39-A-53-10-00-00A-31AF-A.	
8. 53-07	MGB right middle reinforcement: Do a DI for corrosion and condition (bolt/barrel nut removal and borescope required). Ref. 39-A-53-10-00-00A-31AG-A	RII
9. 53-08	Bolt and barrel nut seats of MGB right middle reinforcement: Do a DI for corrosion and condition (bolt / barrel nut removal and borescope required). Ref. 39-A-53-10-00-00A-31AU-A.	RII
10. 53-09	MGB right rear reinforcement: Do a DI for corrosion and condition. Ref. 39-A-53-10-00-00A-31AF-A.	
11. 53-10	MGB left forward reinforcement: Do a DI for corrosion and condition. Ref. 39-A-53-10-00-00A-31AF-A.	

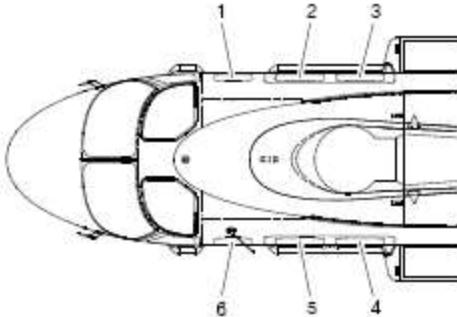
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1. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR		
ITEM	TASK	MECH
12. 53-11	MGB left middle reinforcement: Do a DI for corrosion and condition (bolt/barrel nut removal and borescope required). Ref. 39-A-53-10-00-00A-31AG-A	RII
13. 53-12	Bolt and barrel nut seats of MGB left middle reinforcement: Do a DI for corrosion and condition (bolt / barrel nut removal and borescope required). Ref. 39-A-53-10-00-00A-31AU-A.	RII
14. 53-13	MGB left rear reinforcement: Do a DI for corrosion and condition. Ref. 39-A-53-10-00-00A-31AF-A.	
15. 53-14	Right external engine reinforcement: Do a DI for corrosion and condition. Ref. 39-A-53-10-00-00A-31AH-A.	
16. 53-15	Right internal engine reinforcement: Do a DI for corrosion and condition. Ref. 39-A-53-10-00-00A-31AH-A.	
17. 53-16	Left external engine reinforcement: Do a DI for corrosion and condition. Ref. 39-A-53-10-00-00A-31AH-A.	
18. 53-17	Left internal engine reinforcement: Do a DI for corrosion and condition. Ref. 39-A-53-10-00-00A-31AH-A.	
19. 53-18	Frame STA 3900 (RH): Do a DI for corrosion and condition (pay particular attention to area adjacent to upper deck). Ref. 39-A-53-10-00-00A-31AJ-A.	RII
20. 53-19	Frame STA 3900 (LH): Do a DI for corrosion and condition (pay particular attention to area adjacent to upper deck). Ref. 39-A-53-10-00-00A-31AJ-A.	RII
21. 53-20	Frame STA 5700 (RH): Do a DI for corrosion and condition (pay particular attention to areas adjacent to upper deck). Ref. 39-A-53-10-00-00A-31AK-A.	RII
22. 53-21	Frame STA 5700 (LH): Do a DI for corrosion and condition (pay particular attention to adjacent to upper deck). Ref. 39-A-53-10-00-00A-31AK-A.	RII

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Tail Number	SAP Order Number	Work Order Number			
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
23. 53-22	Right rear bracket STA 6700 (MLG joint): Do a DI for corrosion and condition (borescope may be required). Ref. 39-A-53-10-00-00A-31AL-A.		RII		
24. 53-23	Left rear bracket STA 6700 (MLG joint): Do a DI for corrosion and condition (borescope may be required). Ref. 39-A-53-10-00-00A-31AL-A.		RII		
25. 53-28	Rear fuselage fittings with tail cone, STA 8700 (Holes and associated bolts/barrel nuts): Do a DI for corrosion and condition (bolts and barrel nuts removal required - reinstall bolts/barrel nuts before inspecting the next fitting). Borescope inspection of bolt holes required. Ref. 39-A-53-10-00-00A-31AM-A.		RII		
26. 53-29	Tail cone fittings STA 8700 (including holes): Do a DI for corrosion and condition (bolts and barrel nuts removal required - reinstall bolts/barrel nuts before inspecting the next fitting). Borescope inspection of bolt holes required. Ref. 39-A-53-10-00-00A-31AM-A.		RII		
27. CP100-19	Detailed Inspection of Main Fuel Tanks Compartment Area: Perform a detailed inspection of the main fuel tanks compartment area for corrosion and evidence of water intrusion. (removal of the foam is required only if a contamination is present) Ref: DMC 39-A-20-81-06-00A-31AA-D		RII		
28. DT11-01	Decals – Phosphorescent: Replace all phosphorescent decals with part numbers beginning with the following: A180A A181A A182A A241A A307A A308A A907A AW001DE 3G112A01252 3G1120A01253 999-2701-45-512 999-2701-45-509				

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1. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
29. DT56-01	<p>Seal rubber and filler – cockpit emergency exit: Replace cockpit emergency exit window seals & fillers. P/Ns 999-1700-48-101G seals & 999-17000-49-101G fillers.</p> <p>Ref. 39-A-56-31-01-00A-920A-A.</p> <p>NOTE: Provided the removed windows are serviceable, it is not necessary to replace the windows.</p>	LH	RII		
		RH	RII		
30. DT56-02	<p>Seal rubber and filler – cabin emergency exit.: Replace cabin emergency exit window seals & fillers. P/Ns A417AG002WB2412 seals & A417AF001WB2412 fillers (4 places) & P/Ns A417AG002WB2165 seals & A417AF001WB2165 fillers (2 places).</p> <p>Raw material P/N A417AG002TB seals also affected.</p> <p>Ref. 39-A-56-21-01-00A-920A-A & 39-A-56-32-01-00A-920A-A.</p> <p>NOTE: Provided the removed windows are serviceable, it is not necessary to replace the windows.</p> <p>WINDOW IDENTIFICATION NUMBER</p> 	#1 #2 #3 #4 #5 #6	RII RII RII RII RII RII		
31. DT56-03	<p>Replace Cockpit emergency exit window gasket, retainers and filler wedges</p> <p>P/N's: 3G5630A01451, 3G5630A01551, 3G5630A01651, 3G5630A01751, 3G5630A03251, 3G5630A01851</p> <p>Ref. 39-B-56-31-01-00A-920A-K. Configuration B</p> <p>NOTE: Provided the removed windows are serviceable, it is not necessary to replace the windows.</p>	LH	RII		
		RH	RII		

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1. FUSELAGE (INCL. UPPER DECK) & LANDING GEAR					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
32. DT56-04	Replace cabin emergency exit window gasket, retainers, and filler wedges. P/Ns: 3G5630A02451, 3G5630A02551, 3G5630A02651, 3G5630A02951, 3G5630A01951, 3G5630A02051, 3G5630A02151, 3G5630A02251, 3G5630A02351, 3G5630A04451, 3G5630A04251, 3G5630A04351. Ref. 39-B-56-32-01-00A-920A-A Configuration B NOTE: Provided the removed windows are serviceable, it is not necessary to replace the windows.	#1	RII		
	#2	RII			
	#3	RII			
	#4	RII			
	#5	RII			
	#6	RII			
FUSELAGE (INCL. UPPER DECK) & LANDING GEAR COMPLETED					

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2. TAILBOOM & TAIL ROTOR DRIVE		
ITEM	TASK	MECH
1. 53-33	TGB fitting: Do a DI for corrosion and condition. Ref. 39-A-53-40-00-00A-31AE-A	RII
2. 55-01	Tailplane rod assy and associated joint bolts (LH/RH): Do a DI for corrosion and condition (rod removal required – reinstall rod before removing the other one) (in combination with inspection of tailplane fittings, tasks 55-02 & 55-03). Ref. 39-A-55-11-00-00A-31AA-A.	RII
3. 55-02	Tailplane right fitting and associated joint bolts: Do a DI for corrosion and condition (bolts removal required – reinstall bolts before inspecting the next fitting). Ref. 39-A-55-11-00-00A-31AA-A.	RII
4. 55-03	Tailplane left fitting and associated joint bolts: Do a DI for corrosion and condition (bolts removal required – reinstall bolts before inspecting the next fitting). Ref. 39-A-55-11-00-00A-31AA-A.	RII
5. 55-05	Tailplane assembly: Do a DI (hammer tapping check) in order to guarantee absence of water or debonding. Ref. 39-A-55-11-00-00A-31AB-A.	RII
6. 64-03	Tail rotor blade damper attachments: Do a DI for corrosion and condition. Ref. 39-A-64-11-01-00A-31A6B-B	
7. 64-08	Tail rotor elastomeric spherical bearing: Do a DI for corrosion and condition (elastomeric spherical bearing removal required). Ref. 39-A-64-11-01-00A-31AB-B	RII
8. 64-09	Tail rotor hub: Do a DI for corrosion and condition (removal required). Particular attention must be paid to hub/mast splines and interfaces with conical rings. Ref. 39-A-64-21-00-00A-31AF-B	RII
9. 64-10	Tail rotor upper conical ring: Do a DI for corrosion and condition (upper conical ring removal required). Ref. 39-A-64-21-00-00A-31AF-B	RII
10. 64-11	Tail rotor lower conical half-rings: Do a DI for corrosion and condition (lower conical half-rings removal required). Ref. 39-A-64-21-00-00A-31AF-B	RII

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2. TAILBOOM & TAIL ROTOR DRIVE		
ITEM	TASK	MECH
11. 64-12	Tail rotor lock nut: Do a DI for corrosion and condition (lock nut removal required). Ref. 39-A-64-21-00-00A-31AF-B	RII
12. 64-13	Tail rotor locking flange: Do a DI for corrosion and condition (locking flange removal required). Ref. 39-A-64-21-00-00A-31AF-B.	RII
13. 64-14	Tail rotor pressure bolts: Do a DI for corrosion and condition (pressure bolt removal required). Ref. 39-A-64-21-00-00A-31AF-B.	RII
14. 64-15	Tail rotor pitch control arms: Do a DI for corrosion and condition. Ref. 39-A-64-11-01-00A-31AB-B	RII
15. 64-16	Tail rotor bolts: Do a DI for corrosion and condition, including bolt seats (bolt removal required). Ref. 39-A-64-21-00-00A-31AF-B	RII
16. 64-17	Tail rotor dampers: Do a DI for corrosion and condition. Ref. 39-A-64-21-00-00A-31AF-B	
17. 64-19	Tail rotor damper bolts: Do a DI for corrosion and condition, including interface areas of connected components (bolts removal required). Ref. 39-A-64-21-00-00A-31AF-B.	RII
18. 64-20	Tail rotor control rod nut: Do a DI for corrosion and condition (control rod nut removal required). Ref. 39-A-64-31-00-00A-31AE-B.	RII
19. 64-21	Tail rotor pitch link assemblies: Do a DI for corrosion and condition. Ref. 39-A-64-31-00-00A-31AE-B.	RII
20. 64-22	Tail rotor pitch link bolts: Do a DI for corrosion and condition (pitch link bolt removal required). Ref. 39-A-64-31-00-00A-31AE-B.	RII
21. 64-23	Tail rotor slider: Do a DI for corrosion and condition (slider removal required). Ref 39-A-64-31-00-00A-31AE-B and TMI 139-573	RII

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2. TAILBOOM & TAIL ROTOR DRIVE		
ITEM	TASK	MECH
22. 64-24	Tail rotor spider: Do a DI for corrosion and condition (spider removal required). Ref. 39-A-64-31-00-00A-31AE-B.	RII
23. 64-30	Tail rotor half scissors: Do a DI for corrosion and condition, including connection sleeves and bolts (half scissors removal and disassembly required). Ref. 39-A-64-31-00-00A-31AE-B.	RII
24. 65-06	Mounting bearing support bracket: Do a DI for corrosion and condition. Ref. 39-A-65-11-11-00A-31AA-B or 39-B-65-11-11-00A-31AA-B (as applicable).	
25. 65-07	Bearing support bracket, including lower spherical bearings and associated joint bolts: Do a DI for corrosion and condition (bearing support bracket removal required). Ref. 39-A-65-11-11-00A-31AA-B or 39-B-65-11-11-00A-31AA-B (as applicable).	RII
26. 65-08	Forward splined shaft: Do a DI for corrosion and condition (removal required). Ref. 39-A-65-11-11-00A-31AA-B or 39-B-65-11-11-00A-31AA-B (as applicable).	RII
27. 65-09	Aft splined shaft: Do a DI for corrosion and condition (removal required). Ref. 39-A-65-11-11-00A-31AA-B or 39-B-65-11-11-00A-31AA-B (as applicable).	RII
28. 65-13	IGB coupling flanges: Do a DI for corrosion and condition (IGB coupling flanges removal required). Ref. 39-A-65-20-00-00A-31AC-A or 39-B-65-20-00-00A-31AC-A (as applicable).	
29. 65-14	TGB coupling flange: Do a DI for corrosion and condition (TGB coupling flanges removal required). Ref. 39-A-65-20-00-00A-31AD-A or 39-B-65-20-00-00A-31AD-A (as applicable).	
30. 65-15	IGB housing (external surface): Do a DI for corrosion and condition. Ref. 39-A-65-21-00-00A-31AA-A or 39-B-65-21-00-00A-31AA-A (as applicable).	

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2. TAILBOOM & TAIL ROTOR DRIVE					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
31 65-18	TGB housing (external surface): Do a DI for corrosion and condition. Ref. 39-A-65-22-00-00A-31AA-A or 39-B-65-22-00-00A-31AA-A (as applicable).				
32. 65-19	TGB mast: Do a DI for corrosion and condition (section visible after removal of hub). Ref. 39-A-65-22-00-00A-31AA-A or 39-B-65-22-00-00A-31AA-A (as applicable)		RII		
TAILBOOM & TAIL ROTOR DRIVE COMPLETED					

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Tail Number	SAP Order Number	Work Order Number
3. MAIN ROTOR & GEARBOX		
ITEM	TASK	MECH
1. 62-05	Main rotor pressure bolts: Do a DI for corrosion and condition (main rotor pressure bolts removal required). Ref. 39-A-62-21-00-00A-31AB-B.	RII
2. 62-06	Main rotor retaining element: Do a DI for corrosion and condition. Ref. 39-A-62-21-00-00A-31AB-B	RII
3. 62-07	Main rotor ring nut: Do a DI for corrosion and condition (main rotor ring nut removal required). Ref. 39-A-62-21-00-00A-31AB-B.	RII
4. 62-09	Main rotor upper conical ring: Do a DI for corrosion and condition (main rotor upper conical ring removal required). Ref. 39-A-62-21-00-00A-31AB-B.	RII
5. 62-14	Main rotor hub: Do a DI for corrosion and condition. Ref. 39-A-62-22-00-00A-31AJ-B.	
6. 62-18	Main rotor lower conical ring: Do a DI for corrosion and condition (main rotor lower conical ring removal required). Ref. 39-A-62-21-00-00A-31AB-B.	RII
7. 62-21	Main rotor dampers: Do a DI for corrosion and condition. Ref. 39-A-62-22-00-00A-31AJ-B.	
8. 62-22	Main rotor pitch link bolts, including pitch link ends and connected rotating swashplate forks (upper/ lower): Do a DI for corrosion and condition (bolts removal required). Ref. 39-A-62-22-00-00A-31AJ-B.	RII
9. 62-23	Main rotor servo upper bolts: Do a DI for corrosion and condition (bolts removal required). Ref. 39-A-67-31-00-00A-31AA-B.	RII
10. 62-24	Main rotor servo lower bolts: Do a DI for corrosion and condition (bolts removal required). Ref. 39-A-67-31-00-00A-31AA-B.	RII
11. 62-29	Swashplate duplex ball bearing, including mating surfaces of rotating and fixed swashplates: Do a DI for corrosion and condition (swashplate assembly removal and disassembly required). Ref. 39-A-62-31-00-00A-31AA-B.	RII

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3. MAIN ROTOR & GEARBOX		
ITEM	TASK	MECH
12. 62-30	Swashplate assembly: Do a DI for corrosion and condition (swashplate assembly removal and disassembly required). Ref. 39-A-62-31-00-00A-31AA-B.	RII
13. 62-31	Swashplate spherical pivot, including upper/lower special rings and sliding blocks: Do a DI for corrosion and condition (swashplate assembly removal and disassembly required). Ref. 39-A-62-31-00-00A-31AA-B.	RII
14. 62-34	Main rotor scissor assembly, including connection sleeves and bolts: Do a DI for corrosion and condition (scissor assembly removal and disassembly required). Ref. 39-A-62-31-00-00A-31AA-B.	RII
15. 62-35	Main rotor scissor attachment flange: Do a DI for corrosion and condition (main rotor scissor attachment flange removal required). Ref. 39-A-62-22-00-00A-31AJ-B.	RII
16. 62-37	Main rotor pitch change link: Do a DI for corrosion and condition (removal and disassembly required). Ref. 39-A-62-31-00-00A-31AA-B.	RII
17. 63-03	Engine drive shaft & gimbal installation (LH/RH): Do a DI of the crosshead for corrosion and condition, includes fixing bolts and barrel nuts (engine and crosshead removal required). Ref. 39-A-63-10-00-00A-31AB-A.	RII
18. 63-04	Engine drive shaft & gimbal installation (LH/RH): Do a DI of torque tube and shield for corrosion and condition, includes fixing bolts and barrel nuts (engine and torque tube removal required). Ref. 39-A-63-10-00-00A-31AB-A.	RII
19. 63-05	Engine drive shaft & gimbal installation (LH/RH): Do a DI of drive shaft for corrosion and condition, includes fixing bolts and barrel nuts (engine and drive shaft removal required). Ref. 39-A-63-10-00-00A-31AB-A	RII
20. 63-06	Input module gimbal assembly (LH/RH): Do a DI for corrosion and condition (engine drive shaft, crosshead, torque tube and shield removal required). Ref. 39-A-63-20-00-00A-31AA-A.	

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3. MAIN ROTOR & GEARBOX		
ITEM	TASK	MECH
21. 63-10	Input housing assembly (LH/RH): Do a DI for corrosion and condition. Ref. 39-A-63-20-00-00A-31AA-A.	
22. 63-12	MGB mast: Do a DI for corrosion and condition (section visible above top case after removal of main rotor hub). Ref. 39-A-63-20-00-00A-31AB-A.	RII
23. 63-13	Top case: Do a DI for corrosion and condition. Ref. 39-A-63-20-00-00A-31AB-A.	
24. 63-14	Main case (exposed area only): Do a DI for corrosion and condition. Ref. 39-A-63-20-00-00A-31AB-A.	
25. 63-15	Tail rotor drive adapter (visible area only): Do a DI for corrosion and condition. Ref. 39-A-63-20-00-00A-31AC-A.	
26. 63-16	Rotor brake adapter flange: Do a DI for corrosion and condition. Ref. 39-A-63-50-00-00A-31AA-A.	
27. 63-17	Rotor brake housing assembly: Do a DI for corrosion and condition. Ref. 39-A-63-50-00-00A-31AA-A.	
28. 63-18	Aft lower attachment and associated anchor bolts (LH/RH): Do a DI for corrosion and condition (anchor bolts must be individually removed and reinstalled). Ref. 39-A-63-30-00-00A-31AA-A.	RII
29. 63-19	Forward lower attachment and associated anchor bolts (LH/RH): Do a DI for corrosion and condition (anchor bolts must be individually removed and reinstalled). Ref. 39-A-63-30-00-00A-31AA-A.	RII
30. 63-21	Anti-torque beam: Do a DI for corrosion and condition. Ref. 39-A-63-30-00-00A-31AA-A.	RII
31. 63-24	Aft torque struts (LH/RH): Do a DI for corrosion and condition. Ref. 39-A-63-30-00-00A-31AA-A.	
32. 63-25	Forward torque struts (LH/RH): Do a DI for corrosion and condition. Ref. 39-A-63-30-00-00A-31AA-A.	
33. 63-27	Forward servo bracket: Do a DI for corrosion and condition. Ref. 39-A-63-20-00-00A-31AE-A.	

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3. MAIN ROTOR & GEARBOX					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
34. 63-28	Aft servo bracket (LH/RH): Do a DI for corrosion and condition. Ref. 39-A-63-20-00-00A-31AE-A.				
35. 63-29	Upper fitting (4 off): Do a DI for corrosion and condition. Ref. 39-A-63-30-00-00A-31AA-A.				
MAIN ROTOR & GEARBOX COMPLETED					

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Tail Number	SAP Order Number	Work Order Number			
4. ENGINE & POWERPLANT					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. 71-08	External engine upper mount (LH/RH): Do a DI for corrosion and condition (pay particular attention to flanged couplings). Ref. 39-A-71-21-00-00A-31AB-A.	LH			
		RH			
2. 71-09	Internal engine upper mount (LH/RH): Do a DI for corrosion and condition. Ref. 39-A-71-21-00-00A-31AB-A.	LH			
		RH			
3. 71-10	External engine mounting rod (LH/RH): Do a DI for corrosion and condition. Ref. 39-A-71-21-00-00A-31AB-A.	LH			
		RH			
4. 71-11	Internal engine mounting rod (LH/RH): Do a DI for corrosion and condition. Ref. 39-A-71-21-00-00A-31AB-A.	LH			
		RH			
ENGINE & POWERPLANT COMPLETED					

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Tail Number	SAP Order Number	Work Order Number			
5. AVIONICS & ELECTRICAL					
ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. 24-08	K1 excitation circuit (CR11, CB45, CR13 and CB29): Do an OC (fault finding task). Ref. 39-A-24-32-00-00A-320B-A .				
2. 24-09	Manual bus tie function: Do an OC (fault finding task). Ref. 39-A-24-61-00-00A-320D-A .				
3. 24-11	Main distribution bus feed circuit breakers (CB7, CB8, CB9, CB10, CB49 and CB50): Do an OC (fault finding task). Ref. 39-A-24-61-00-00A-320B-A .				
AVIONICS & ELECTRICAL COMPLETED					

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Tail Number

SAP Order Number

Work Order Number

6. WORK COMPLETION

TASK	MECH	INSP	WORK REQD Yes / No
Ensure the 1 Year and 2 Year Inspection Checklists have 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 4 Year 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) _____
