
MUKAMALAH AVIATION COMPANY LIMITED (MAC)
LEONARDO S.p.A. AW139 AIRCRAFT INSPECTION PROGRAM
AW139 / PT6C-67C 600 HOUR CHECK

Tail Number	Eng. Pos'n	Engine Serial Number	Engine T.S.N.	SAP Order Number	Work Order Number
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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 600 hours / 36 months.
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 and company ID with stamp imprint (or certificate number if work is not being performed by repair station) on the last page of this document.
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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1. ENGINE

ITEM	TASK	MECH	INSP	WORK REQD Yes / No	MHRS
1. Air Inlet Screen	1. Visual check for cleanliness, distortion, corrosion and overall condition (Ref. EMM 72-20-00). 2. Reinstall air inlet screen (Ref. EMM 72-20-00).				
2. Ignition cables	Visual check for chafing, wear and security. (Ref EMM 74-20-00).				
3. Igniter plugs	Remove and check for cleanliness and erosion (Ref. EMM 74-20-00). Do a functional check to verify operating capabilities (Ref. EMM 74-00-00). Reinstall igniter plug (Ref. EMM 74-20-00).		RII		
4. Fuel Cooled Oil Cooler	Visual check for cracks, distortion, corrosion, security of connections, clamps and brackets. Check for evidence of fuel or oil leaks. Verify that the FCOC holding bracket is tightly mounted on the AGB. If the FCOC holding bracket is not tight in place, remove the FCOC (Ref. 79-20-00) and torque the three bolts 85 to 95 bl.in. that attaches the bracket to the AGB.		RII		
5. P2.8 Check Valve	Visual inspection and dimensional inspection (Ref. 72-30-04, Gas Generator Maintenance Practices).		RII		
ENGINE COMPLETED					

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2. WORK COMPLETION

TASK	MECH	INSP	WORK REQD Yes / No
Perform visual leak check of engine during run. Pay particular attention to oil filter cover.		RII	
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 AW139 / PT6C-67C 600 Hour 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)