

SECTION: B 0090 – ENGINE INSPECTION PROGRAM
TYPE: 15 HOUR / 7 DAY INSPECTION
NOTE:

Registration No.: N _____ Start: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Date: _____ Aircraft Start Total Cycles: _____

Reference: Turbomeca Arriel 2B1 Maintenance Manual 05-20-00

MAINTENANCE ACTION		REFERENCE	MECHANIC'S INITIALS
B0090.1 GENERAL			
1.1	Logbook review for recorded discrepancies. Correct discrepancies on installed equipment.		
1.2	Ensure all applicable and required Special Inspections, Alert Service Bulletins (ASB's), Engine Service Bulletins, and Airworthiness Directives (AD's) are accomplished.		
1.3	Ensure compliance with instructions for continued airworthiness for modifications not yet embodied in this AAIP.		
1.4	Perform all applicable daily, hourly, and special recurring inspections pertaining to correct engine time and maintenance schedule.		
1.5	Ensure that all installed components are within their overhaul limits.		
B0090.2 INSTRUMENTATION			
2.1	Ensure automatic cycle counting is performing correctly.	73-21-00-200-001	
2.2	Record in the engine Log Book the accumulated number of cycles C1 and C2 performed during the 15 flight hours or 7 days and compare with EECU as read on VEMD.	05-10-00-200-001	
B0090.3 ENGINE			
3.1	Check (Ventilate) that the Gas Generator rotating assembly freely rotates with no abnormal noises.		
3.2	Check that the Power Turbine rotates freely by hand with no abnormal noises.		
3.3	Examine the condition of the engine.		
B0090.4 FLUIDS			
4.1	Check the visual pre-blockage indicator of the oil filter.		
4.2	Check the visual blockage indicator of the fuel filter.		
4.3	Ensure oil level is correct within 15 minutes following the engine stop. (refer to the Helicopter manual)		

SECTION: B 0090 – ENGINE INSPECTION PROGRAM
TYPE: 15 HOUR / 7 DAY INSPECTION
NOTE:

MAINTENANCE ACTION	REFERENCE	MECHANIC'S INITIALS
B0090.5 ENGINE EXTERNALS		
5.1 Check the air intake surroundings		
5.2 Check the exhaust pipe surroundings		
5.3 Install the protective covers, if necessary.		
B0090.6 FINAL STEPS		
6.1 Inspect for operation and visually check for leaks on engine and deck.		
6.2 Replace or close all applicable trim panels, covers, and access and inspection doors/covers as necessary.		
6.3 Perform Functional Check Flight if required per AMC Operations Manual as applicable.		
6.4 Make entry in appropriate logbook (Refer to following page for proper wording of return to service).		

Page No: 3
Revision: Revision 2
Issue Date: 02/15/10

SECTION: B 0090 – ENGINE INSPECTION PROGRAM

TYPE: 15 HOUR / 7 DAY INSPECTION

NOTE:

Upon satisfactory completion of each inspection item, the mechanic shall initial the pertinent space as provided. All mechanics shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form, an A&P mechanic shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form. The same individual is also responsible for making the logbook entry shown at the conclusion of this inspection.

I certify that I have inspected all the items initialed by me in accordance with Air Methods' Model *EC 130 B4* Approved Aircraft Inspection Program and found them to be in an airworthy condition except as may be noted in the Aircraft Logbook.

<u>INITIALS</u>	<u>SIGNATURE</u>	<u>CERTIFICATE TYPE & NUMBER</u>

I have reviewed this inspection form to verify that all items have been completed and have made an entry in the Aircraft Log Book using a similarly worded statement:

I certify that this aircraft has been inspected in accordance with Air Methods' *EC 130 B4*
B0090 – 15 Hour / 7 Day Engine Inspection and was determined to be in an airworthy
condition.

Registration No.: N End Aircraft Ending Total Time: _____
Aircraft S/N: _____ Date: _____ Engine Ending Total Time: _____
Engine S/N: _____ Engine Ending Total Cycles: _____

Signature: _____ Certificate Type & No: _____