



MAINTENANCE PROGRAM AIRBUS HELICOPTERS EC 130 T2

Chapter 24 – Arriel 2D 5000FH Inspection

Reg. Mark	:	PK -	Date	:	
MSN	:		Station	:	
TSN / CSN	:		WO No.	:	

ITEM CODE NO.	CHAPTER	TASK	ENGINEER'S SIGNATURE, STAMP & DATE
N/A	N/A	<p>Prior to sending back the module 04 for overhaul to Safran Helicopter Engines:</p> <p>Check the pipe nut tightening of the power turbine pressurization pipe.</p> <p>Remove and check the power turbine pressurization pipe with magnifying glass x6, and its nipple on the module 05.</p> <p>The power turbine wheel (disc and blades) has to be scrapped at Safran Helicopter Engines if either:</p> <ul style="list-style-type: none">- the PT pressurization pipe presents a through-going crack,- the PT pressurization pipe is ruptured,- the PT pressurization pipe nut is found loose,- the air path section is reduced in the nipple. <p>Record the mandatory scrapping of the power turbine wheel (disc and blades) at its next removal from the M04, in the engine logbook, in section E and on the logcard of Module 04.</p> <p>AND</p> <ul style="list-style-type: none">- If the PT pressurization pipe presents a crack or is ruptured: replace the pipe,- If pipe nut is loose: tighten the nut,- If nipple and/or PT pressurization pipe are polluted: clean nipple and/or PT pressurization pipe. <p>EMM: 75-29-00-900-806</p> <p>Note: Every 5,000 Hrs</p>	
N/A	N/A	<p>Remove and send Module 03 back to Safran Helicopter Engines approved repair center or apply Maintenance Technical Instruction to send back HP turbine wheel only for visual inspection of HP turbine wheel fir-tree roots for clogging.</p> <p>If one of the fir-tree root is completely clogged, discard HP turbine disc.</p> <p>EMM: 72-00-43-900-801</p> <p>Note: Every 5,000 Hrs</p>	



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ITEM CODE NO.	CHAPTER	TASK	ENGINEER'S SIGNATURE, STAMP & DATE
N/A	N/A	<p>Remove engine or Module 03 and send it back to Safran Helicopter Engines approved repair center for checking that the HP turbine containment shield is free from crack using dye penetrant inspection.</p> <p>If presence of crack, discard the HP turbine containment shield.</p> <p>EMM: 72-00-43-900-801</p> <p>Note: Every 5,000 Hrs</p>	
N/A	N/A	<p>Remove engine or Module 03 and send it back to Safran Helicopter Engines approved repair center for checking that the power turbine containment shield is free from crack using dye penetrant inspection.</p> <p>If presence of crack, discard the power turbine containment shield.</p> <p>EMM: 72-00-43-900-801</p> <p>Note: Every 5,000 Hrs</p>	
N/A	N/A	<p>Functional test of oil pressure transmitter.</p> <p>EMM: 79-32-00-750-801</p> <p>Note: Every 5,000 Hrs</p>	
N/A	N/A	<p>Functional test of oil pressure and temperature transmitter.</p> <p>EMM: 79-33-00-750-801</p> <p>Note: Every 5,000 Hrs</p>	
N/A	N/A	<p>Remove oil filter unit, send it back to a Safran Helicopter Engines approved Repair Center for oil filter bypass (non opening, threshold) check.</p> <p>EMM: 79-21-00-900-803</p> <p>Note: Every 5,000 Hrs</p>	
*** End of Arriel 2D 5000FH Inspection Items ***			

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER



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RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : _____ Stamp : _____

Signature : _____ Place/Date : _____