

Rolls-Royce

M250-C47B OPERATION AND MAINTENANCE

TABLE 603

Inspection Checksheet

Owner _____ Date _____

A/C Make/Model _____ S/N _____ Reg. No. _____ TSN _____

Engine S/N _____ TSN _____ TSO _____

This inspection checksheet is to be used when performing scheduled inspections. This form can be locally reproduced and/or expanded to reflect the aircraft operating environment. Keep the completed sheets as a permanent part of the aircraft engine records. Detailed information regarding each inspection item is contained in the referenced Operation and Maintenance Manual paragraphs.

CAUTION: BEFORE UNDERTAKING ANY INSPECTION OR MAINTENANCE ACTION, CONSULT THE REFERENCED PARAGRAPHS OF THE OPERATION AND MAINTENANCE MANUAL. FAILURE TO FOLLOW THE RECOMMENDED INSTRUCTIONS IN THE MANUAL COULD RESULT IN EQUIPMENT DAMAGE OR DESTRUCTION, POSSIBLY RESULTING IN PERSONNEL DEATH OR INJURY.

Item	150 HOUR INSPECTION	REFERENCE SECTION	✓	Initial
1	Inspect the engine for obvious loose bolts, broken or loose connections, security of mounting accessories, and broken or missing safeties. Check accessible areas for obvious damage and evidence of fuel and oil leakage. Inspect the slippage marks on all fuel, oil and air tube B-nuts to make sure that the nuts have not loosened.			
2	Inspect the compressor impeller leading edges for damage.	72-30-00, para 4.B.		
3	Clean the compressor, as required, with a chemical wash solution if dirt buildup is evident.	72-30-00, para 5.		
4	Without disassembly, inspect turbine, exhaust collector supports and the air tubes for cracks, buckling and general condition.	72-50-00, para 5.K.		
		72-40-00, para 2.B.(1)		
		72-40-00, Table 203		
5	Visually inspect the outer combustion case (OCC)(sheet metal and weld seams) for cracks. Pay careful attention to the weld seams in the area of the igniter plugs, dummy plug, drain valves, fuel nozzle bosses, armpit braze patch and adjacent areas. Use a bright light and mirror as necessary. The OCC does not have to be removed. Perform a Leak Tec check for an installed OCC and FPI for a removed OCC.	72-40-00, Para 2.B.(1), (2), (3) and (4)		

72-00-00