


sabena B707	Module: ENGINE 4	A/C Reg :	Check :	
	Oper. : RT-MP HT			
	Type : NDT INSP	Issuer : A59513	Cert.St.: 46928	Q2F4000502
Spec. : NDT INSP	Release Date: 26.06.2006		Page 1 of 2	


COSL 72-00-01 ENG 4 ISOTOPE INSP

			MAINT	RII/INSP
Execution / Start Date:				
End Date:				

Pos	Mat. Type	P/N	IDN	Description	Qty	Unit
1	CONSUM	745465	119860	O-RING	0.00	
1	CONSUM	MS9388-111	286761	O-RING	0.00	
1	CONSUM	MS9388-245		O-RING	0.00	
1	TOOL	PWA16050		PULLER	0.00	

							MAINT	RII/INSP

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					MAINT	RII/INSP
Nr.	Hardtime	Task	Spec.	Related Documents		
1.	1000 CYC	E4	NDT	COSL 72-00-01 TASK I2 rev (ref. MS) SAB 72-228 rev E		
Check: 1000 CYC						
Zones: 454						
Access:						
NRC YES <input type="radio"/> NO <input type="radio"/>		IF YES, NUMBER(S):				

ENGINE 4

PERFORM ISOTOPE RADIOGRAPHY INSPECTION OF 1st STAGE TURBINE N.G.V FOR DEFORMATION (P&W MM 72-00 P654)

1. Remove nose dome.
2. Remove front accessory drive support.
3. Remove front accessory drive main gear with circlip (puller PWA 16050).
4. Perform ISOTOPE RADIOGRAPHY INSPECTION.
Inspection will be performed on all JT3D-7 engines of fleet every 1000 engine cycles. This frequency will be respected if the distance between the Nozzle Guide Vanes 1 & Turbine stage 1 blades is more than 14 mm.
If subject distance is less than 14 mm, the repetitive inspection will be performed in accordance with the following criteria.

Measured distance observed	Reinspection within
14 mm to 11 mm	Every 500 cycles
11 mm to 9 mm (*)	Every 500 cycles
9 mm	Remove Engine
(*) Action required to be based on evaluation of NGV/T1 blade gap trending/progression rate with concurrence of Force command.	

5. Install front accessory drive main gear with O-ring (MS9388-245) & circlip.
6. Install O-ring (MS9388-111) on oil tube.
7. Install front accessory drive support with O-ring (745465), torque bolts: **80 in./lbs & lockwire (1mm)**.
8. Install nose dome, torque bolts: **100-140 in/lbs**.
9. Check for leaks after Engine run up in front of engine (fan).

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