

SECTION: B 0312 – ENGINE INSPECTION PROGRAM

TYPE: 300 HOUR / 12 MONTH INSPECTION

NOTE:

MAINTENANCE ACTION		REFERENCE	MECHANIC'S INITIALS
5.3	Compressor Inlet Area		
5.3.1	At the required frequency and whenever condition of inlet screen warrants its removal, check compressor inlet area for corrosion, dirt deposits and erosion and <i>check first-stage blades</i> .	As detailed in 72-00-00 Para 9 ENGINE INSP/CHECK	
5.4	P3 Air Tube Metering Tees		
5.4.1	Inspect for contaminants and clean. (Located on R.G.B. Output Housing)		
5.5	MFCU Throttle Shaft		
5.5.1	With power sections shut down and fuel boost pump ON, check both sides of throttle shaft for fuel leakage. If leakage is evident, replace manual fuel control unit.	73-20-01	
5.6	AFCU		
5.6.1	Check AFCU for bearing washout indicated by blue dye (grease and fuel mixed) at AFCU vent hole.		
5.7	Fuel Pump		
5.7.1	Check for security and fuel leaks.		
5.8	Fuel Pump Filter		
	NOTE: Operators with helicopters equipped with fuel filter impending bypass indicating device may elect to waive this inspection and to perform the fuel pump filter replacement at 600 hours.		
5.8.1	Inspect filter for contamination and damage. Replace as necessary.	73-10-02	
5.8.2	With power sections shut down and fuel boost pump ON, check for leaks.		
5.9	Oil to Fuel Heater		
5.9.1	Immediately after shutdown: Check temperature of heater at heater fuel outlet or fuel pump filter housing. If greater than 140° F (60°C) replace oil to fuel heater.		