

Table 11-3. Inspection Requirements for Cylinder and Support Assembly, Tail Rotor

FIGURE 11- AND INDEX NO.	NOMENCLATURE	METHOD OF INSPECTION		TYPICAL DEFECTS	REFERENCE PARAGRAPH		REMARKS
		VISUAL	**MAGNETIC PARTICLE		INSPECTION	REPAIR	
37.1 11	Hose Assembly	X		Cracks, corrosion, frayed wire mesh, deterioration, deformed.	11-163.4	Refer to TM 1-1500-204-23-2 Chapter 4.	
37.1 12	Hose Assembly	X		Corrosion, cracks, frayed wire mesh, deterioration, deformed.	11-163.4	Refer to TM 1-1500-204-23-2 Chapter 4.	
37.1 13	Fitting	X		Corrosion, cracks and thread damage.	11-163.4	Replace if damaged.	
37.1 14	Nut	X		Corrosion, cracks and thread damage.	11-163.4	Replaced if damaged.	
37.2 5	Arm Assembly		X	Corrosion, nicks, scratches, cracks, deformed and damaged bearing.	11-163.4 and figure 11-37.3	11-163.8 and figure 11-37.3	
37.2 6	Adapter	X	X	Nicks, scratches, cracks, corrosion and thread damage.	11-163.4 and figure 11-37.3	11-163.8 and figure 11-37.3	
37.2 7	Nut	X	X	Corrosion, cracks and thread damage.	11-163.4	11-163.8	
37.2 8	Power Cylinder	X		Nicks, scratches, cracks, leaks, binding, corrosion, deformed and thread damage, cleanliness.	11-163.8	11-163.7	
37.2 20	Bellcrank Assembly		X	Nicks, scratches, cracks, corrosion and damage bearings.	11-163.4 and figure 11-37.3	11-163.8 and figure 11-37.3	
37.2 11	Bracket	X		Cracks, corrosion, nicks, deep scratches and bent.	11-163.7	11-163.8	
37.2 15	Spring	X		Corrosion, deformed.	11-163.7	Replace if damaged.	
37.2 25	Support Assembly		X	Cracks, corrosion, nicks, scratches, and damaged bearings.	11-163.8 and figure 11-37.3	11-163.8 and figure 11-37.3	

*Magnetic particle inspect in accordance with MIL-I-1949 and TM 1-1500-204-23-7 Chapter 4.

**Fluorescent penetrant inspect in accordance with ASTM E1417 and TM 1-1500-335-23.