

PROGRESSIVE INSPECTIONS

5-15. PROGRESSIVE INSPECTION — EVENT #4

DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL MECH OTHER	
Chapter 11 Chapter 53 Chapters 63 and 79 Chapter 96 Chapter 65	DATE: _____ W.O. _____ FACILITY: _____ HELICOPTER S/N: _____ REGISTRY NO.: _____ TOTAL TIME: _____ SIGNATURE: _____		
	ZONE 5 — AFT TOP DECK		
	<u>PLACARDS AND MARKINGS</u>		
	1. Examine the placards, decals, and markings. Make sure you can read them, they are applied correctly, and they are in agreement with the applicable configuration of your helicopter.		
	<u>AIRFRAME</u>		
1. Examine the aft fairing for condition. 2. Examine the aft top deck for condition, leaks and security.			
<u>OIL SYSTEM</u>			
1. Examine the engine/transmission oil cooling system for condition, leaks, and security.			
2. Examine the components as follows:			
a. Fluid flexible and rigid lines.			
b. Electrical harness.			
c. Oil tank and cooler.			
d. Oil cooler blower assembly.			

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DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL MECH OTHER	
Chapter 65	<u>AFT SHORT SHAFT ASSEMBLY</u> - Examine the short shaft for condition and security. - Loose and working rivets. - Examine the disc pack couplings for condition. - Do a torque check of the disc pack coupling attachment hardware (150 to 180 inch-pounds (17 to 20 Nm)). ZONE 6 — TAILBOOM		
Chapter 11	<u>PLACARDS AND MARKINGS</u> Examine the placards, decals, and markings. Make sure you can read them, they are applied correctly, and they are in agreement with the applicable configuration of your helicopter.		
Chapter 53	<u>TAILBOOM STRUCTURE</u> - Examine the tail rotor driveshaft cover and the gearbox cowling for condition and security.  CAUTION ANY CRACK, CORROSION, OR LOOSE OR SHEARED RIVET IS CAUSE FOR IMMEDIATE GROUNDING OF THE HELICOPTER UNTIL THE PROBLEM IS CORRECTED. - Examine the tailboom assembly for condition and security. Examine the components as follows: - Tailboom skins for chafing damage or cracks from the tail rotor driveshaft covers and the tail rotor gearbox covers. - Tailboom skins at the horizontal stabilizer for cracks, loose rivets and fasteners. - Hanger bearing supports for cracks and security.		

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DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL	
		MECH	OTHER
Chapter 65	d. Horizontal stabilizer and the attachment supports for cracks and security. e. Auxiliary fins for condition and security. f. Slat assemblies for condition and security. g. Vertical fin for condition and security. h. Tail rotor gearbox support where it attaches to tailboom and at the attachment of the tail rotor gearbox. <u>TAIL ROTOR DRIVESHAFT</u> 1. Examine the tail rotor driveshaft for condition and security. Examine the components as follows: a. All bearings and hangers. b. Disc pack couplings. c. Do a torque check of the disc pack coupling attachment hardware (150 to 180 inch-pounds (17 to 20Nm)). d. Driveshaft tube assemblies.		
	<u>TAIL ROTOR GEARBOX</u> 1. Do a torque check of the tail rotor gearbox attachment nuts (140 to 160 inch-pounds (16 to 18 Nm)). 2. Examine the tail rotor gearbox for condition, leaks, and security.		
	3. Examine the chip detector of the tail rotor gearbox for metal particles. 4. Examine the electrical circuit of the chip detector for continuity.		

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