

5-17. PROGRESSIVE INSPECTION — EVENT #6

DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL MECH OTHER	
Chapter 11	DATE: _____ W.O. _____ FACILITY: _____ HELICOPTER S/N: _____ REGISTRY NO.: _____ TOTAL TIME: _____ SIGNATURE: _____ ZONE 9 — AFT FUSELAGE <u>PLACARDS AND MARKINGS</u> 1. Examine the placards, decals, and markings. Make sure you can read them, they are applied correctly, and they agree with the applicable configuration of your helicopter. <u>AIRFRAME</u>  ANY CRACK, CORROSION, OR LOOSE OR SHEARED RIVET IS CAUSE FOR IMMEDIATE GROUNDING OF THE HELICOPTER UNTIL THE PROBLEM IS CORRECTED.		
	Chapter 53	1. Examine the aft fuselage structure for condition and security. Examine the components as follows: a. Engine upper cowling and doors. b. Upper longeron. c. All engine mounts and sway bar to airframe attachment points.	

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DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL MECH OTHER	
Chapter 52	d. Mid fuselage lower longerons. e. Floor of the baggage compartment. f. Walls of the baggage compartment. g. Baggage compartment door. h. Aft lower fairing. i. Oil cooler fairing. j. Oil cooler deck. k. Aft fuselage skins. l. Aft lower shell.		
Chapter 53	2. Examine the interior of the structure for condition. a. Examine the condition of the rivets that attach the composite skins to the structure.		
Chapter 53	3. Do a torque check of the tailboom to the aft fuselage attachment nuts.		
	NOTE If the existing sealant application meets the intent of the Aft Fuselage Attachment Fittings — Sealant Removal and Application procedure specified in Chapter 53, sealant removal is not required.		
Chapter 53	4. If required for inspection purposes, it is recommended to remove the sealant around the fasteners of the aft fuselage attachment fittings.		
Chapter 53	5. Examine the tailboom attachment fittings on the fuselage and on the tailboom, for condition and security. Pay particular attention to the upper left-hand fitting.		
Chapter 53	6. If removed in step 4, apply sealant to the fasteners of the aft fuselage attachment fittings.		

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DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL	
		MECH	OTHER
Chapter 96	7. Examine the electrical components, the mounts, and the electrical harness for condition and security.		
Chapter 63	8. Examine the transmission oil lines and other drain lines for condition and security.		
Chapter 67	9. Examine the tail rotor control system for condition, security, and correct operation.		
Chapter 97	10. Examine the antenna(s) for condition and security. Restore broken or missing sealant at antenna base as required.		
Chapter 96	11. Do an operational check of the baggage door annunciator circuit.		
Chapter 29	<u>HYDRAULIC</u> 1. Examine the tail rotor hydraulic system for condition, leaks, and security. Examine the components as follows: a. Pivot bolts of the pilot valve on the actuators for freedom of rotation. b. Actuator support. ZONE 10 — LANDING GEAR <u>PLACARDS AND MARKINGS</u> 1. Examine the placards, decals, and markings. Make sure you can read them, they are applied correctly, and they agree with the applicable configuration of your helicopter. <u>LANDING GEAR</u> 1. Examine the landing gear assembly for condition and security. Examine the components as follows: a. Skid tubes. b. Skid saddles. c. Skid shoes.		
Chapter 11	1. Examine the placards, decals, and markings. Make sure you can read them, they are applied correctly, and they agree with the applicable configuration of your helicopter.		
Chapter 32	1. Examine the landing gear assembly for condition and security. Examine the components as follows:		

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Chapter 12 Rolls-Royce Operation and Maintenance Manual, Publication CSP21001 CSSD-PSE-87-001 Rolls-Royce Operation and Maintenance Manual, Publication CSP21001 BHT-407-FM-1 or BHT-407-FM-2	d. Retaining strap and rubber cushions. e. Rocking beam. f. Crosstubes. g. Attachment fittings. <u>LUBRICATION</u> 1. Service and lubricate the helicopter as necessary. <u>ENGINE</u> 1. Do the applicable engine inspection. <u>CORROSION CONTROL</u> 1. Perform corrosion inspection in accordance with the Corrosion Control Guide. <u>GROUND RUN</u> 1. Do a FADEC manual mode check. 2. Complete ground run at 100% N_R to check for leaks and confirm system operation.		