

PROGRESSIVE INSPECTIONS

5-16. PROGRESSIVE INSPECTION — EVENT #5

DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL MECH OTHER	
Chapter 11 BHT-407-FM-1 or BHT-407-FM-2 Chapter 53 Chapter 25 Chapter 21	DATE: _____ W.O. _____ FACILITY: _____ HELICOPTER S/N: _____ REGISTRY NO.: _____ TOTAL TIME: _____ SIGNATURE: _____ ZONE 7 — CABIN INTERIOR (CREW AND PASSENGER COMPARTMENTS) <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>INSTRUMENTS</u> 1. Inspect instruments for condition and security. Inspect for correct markings. <u>EQUIPMENT AND FURNISHING</u> 1. Examine the cabin floor for condition. 2. Examine the seat cushions, seat backs, and interior trim for condition and security. 3. Examine the restraints for condition, security, and correct operation. 4. Examine the ventilation system for condition and security. 5. Make sure the fuel valve switch guard operates correctly.		

PROGRESSIVE INSPECTIONS

5-16. PROGRESSIVE INSPECTION — EVENT #5 (CONT)

DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL	
		MECH	OTHER
Chapter 26 Chapter 96 Chapter 76 Chapter 95 Chapter 67	6. Inspect first aid kit contents for condition and for security of installation.		
	7. Examine fire extinguisher and quick-release for condition and security.		
	8. Examine the heating system of the pitot and static ports for correct operation.		
	9. On 407 helicopters S/N 53000 through 54299, make sure the FADEC Fault Code – Maintenance Mode system operates correctly.		
	10. On 407GX helicopters S/N 54300 and subsequent, make sure the Bell Maintenance Pages can be accessed.		
	<u>CONTROLS</u> 1. Examine the cyclic and the collective control sticks and pedals for condition and security. Examine the directional control pedal for correct operation. 2. Examine components of airspeed-actuated pedal stop for condition, security, and correct operation. Examine components that follow: a. Solenoid b. Cam c. Release cable 3. Make sure there is a minimum of friction on the components that follow: a. Cyclic b. Collective c. Directional control		

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DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL	
		MECH	OTHER
Chapter 96	<u>ELECTRICAL</u> 1. Perform operational check of airspeed-actuated pedal stop system. ZONE 8 — FORWARD 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>FORWARD FUSELAGE</u> 1. Examine the forward fuselage for condition and security. Examine the components as follows: a. Doors, door hinges and latches. b. Complete litter door caution light operational check c. Battery door. d. Any fluid leaks. e. Windows. f. Side body fairings. g. Upper fairings and cowlings h. Upper roof deck i. Lower forward shell 2. Remove battery and recondition according to the BHT-ELEC-SPM and manufacturer's service manual. Inspect vent lines for obstructions or damage. Clean battery mounting area prior to installing a serviceable battery.		
Chapter 11			
Chapter 52			
Chapter 53			

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DATA REFERENCE	INSPECTION TASK DESCRIPTION	INITIAL	
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Chapter 96	3. Examine the battery compartment for condition and security. Examine the vent line. Do an functional test of the battery hot annunciator circuit.		
Chapter 95	4. Examine the External Power Receptacle for condition and security.		
	5. Examine the pitot and the static ports for condition and security. Examine the components as follows:		
	a. Pitot tube for discoloration and visible obstruction.		
	b. Drain moisture from the pitot and the static piping installation.		
Chapter 97	6. Examine the antenna(s) for condition and security. Restore broken or missing sealant at antenna base as required.		
	<u>GROUND RUN</u>		
BHT-407-FM-1 or BHT-407-FM-2	1. Complete a ground run at 100% N_R to check for leaks and confirm system operation.		