SECTION: A 0054 – AIRFRAME INSPECTION PROGRAM
TYPE: 300 HOUR / 12 MONTH INSPECTION
NOTE:

Registration No.: N _____ Start Date: _____ Aircraft Start Total Time: _____
Aircraft S/N: _____ Aircraft Start Total Cycles: _____

Reference: BHT 206L Series MM-1 Chapter 4, 5, 12

MAINTENANCE ACTION		REFERENCE	MECHANIC'S INITIALS
A 0054.1	**GENERAL**		
1.1	Logbook review for recorded discrepancies. Correct discrepancies on installed equipment.		
1.2	Ensure all applicable and required Special Inspections, Alert Service Bulletins (ASB's), Engine Service Bulletins, and Airworthiness Directives (AD's) are accomplished.		
1.3	Replace all life limited components that have completed published operating limits.	Bell 206L MP	
1.4	Overhaul all components that have completed published operating limits.	Bell 206L MP	
A 0054.2	**PLACARDS AND MARKINGS**		
2.1	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.	Chapter 11	
A 0054.3	**CORROSION CONTROL**		
3.1	Perform corrosion inspection in accordance with the Corrosion Guide on any area's access during this AAIP inspection.	CSSD-PSE-87-001	
A 0054.4	**ELECTRICAL**		
4.1	Examine all visible electrical components, wires, cables, and connectors in the area of the tailboom for chafing, and general condition and security.	Chapter 96	
4.2	Verify navigation lights and anti-collision light for operation, condition, and security.		
4.3	Examine antennas for condition and security.	Chapter 97	
A 0054.5	**FREEWHEELING UNIT**		
5.1	Examine the following:	Chapter 63-71	
5.1.1	Freewheel assembly for condition leaks and security.		
5.1.2	Freewheel unit chip detector for accumulated material.		
5.1.3	Perform operational check of freewheel unit chip detector. (Refer to transmission chip detector caution system.)	Chapter 63-39	

SECTION: A 0054 – AIRFRAME INSPECTION PROGRAM
TYPE: 300 HOUR / 12 MONTH INSPECTION
NOTE:

MAINTENANCE ACTION	REFERENCE	MECHANIC'S INITIALS
A 0054.6 HYDRAULIC		
6.1 Remove hydraulic pump	Chapter 29	
6.2 Remove NR tach generator.	Chapter 63	
6.3 Examine/Inspect the components as follows:	Chapter 29	
6.3.1 Hydraulic pump for leaks and general condition.		
6.3.2 Inspect the input drive shaft/adapter as applicable.		
6.3.3 Fluid flexible and rigid lines for chafing, leaks and security.		
6.3.4 Hydraulic pump shaft splines and oil pump splines for excessive wear.		
6.3.5 Rotor tachometer generator internal drive and input shaft splines.	Chapter 63 TB 206L-09-235	
6.3.6 Hydraulic reservoir for leaks and general condition.		
6.3.7 Servo actuators for leaks, condition and security.		
6.3.8 Servo actuator support for condition.		
6.3.9 Verify linkage pivot bolts on hydraulic servo actuators for freedom of rotation and security.	Chapter 67	
6.3.10 Hydraulic filter red indicator button (two locations). Button should not be extended.		
6.3.11 Manifold, relief valve, and solenoid valve for leaks, condition and security.		
6.4 Verify fluid level in hydraulic tank. Replenish as required. Replace fluid if color has changed color or if fluid emits bad odor.	Chapter 12	
6.5 *Lubricate* the following. Comply with applicable notes in Table 12-5;	Chapter 12	
6.5.1 Hydraulic pump shaft splines and rotor tachometer splines.		
6.5.2 NR tach-generator;		
6.5.2.1 Output splines for hydraulic pump)		
6.5.2.2 Internal input drive splines and driveshaft from oil pump		
6.6 Reinstall NR tach generator.	Chapter 63	
6.7 Reinstall the pump.	Chapter 29	

SECTION: A 0054 – AIRFRAME INSPECTION PROGRAM
TYPE: 300 HOUR / 12 MONTH INSPECTION
NOTE:

MAINTENANCE ACTION		REFERENCE	MECHANIC'S INITIALS
A 0054.7	**POST INSPECTION**		
7.1	Ensure applicable servicing requirements have been carried out.	Chapter 12	
7.2	Check oil level of transmission, hydraulic tank, engine and rail rotor gearbox prior to running helicopter.		
7.3	Complete a ground run at 100% NR to check for leaks and confirm system operation and parameters are within Flight Manual limitations. – Qualified pilot only.	BHT-206L-FM-1	
7.4	Replace or close all applicable trim panels, covers, access and inspection doors/covers as necessary.		
7.5	Perform Functional Check Flight if required per Bell 206L Maintenance Manual or RFM as appropriate.		
7.6	Make an entry in the appropriate logbook (refer to the following page for wording of approval for return to service).		
7.7	Make an entry in the appropriate logbook regarding a retorque check of the disc pack coupling attachment hardware in 10 to 25 hours.	Table 5-3	

SECTION: **A 0054 – AIRFRAME INSPECTION PROGRAM**
TYPE: **300 HOUR / 12 MONTH INSPECTION**
NOTE:

Upon satisfactory completion of each inspection item, the mechanic shall initial the pertinent space as provided. All mechanics shall sign and initial, in the space provided, at the end of the form.

At the completion of each inspection form, an A&P mechanic shall check the entire form for completion and then enter his/her signature, certificate type and number, and date in the space provided at the end of the form. The same individual is also responsible for making the logbook entry shown at the conclusion of this inspection.

I certify that I have inspected and/or completed all the items initialed by me in accordance with Maritime Helicopters' Bell 206L Series Approved Aircraft Inspection Program and found them to be in an airworthy condition except as may be noted in the Aircraft Logbook.

INITIALS	SIGNATURE	CERTIFICATE TYPE & NUMBER

I have reviewed this inspection form to verify that all items have been completed and have made an entry in the Aircraft Log Book.

I certify that this aircraft has been inspected in accordance with Maritime Helicopters' Bell 206L Series AAIP – A 0054 – 300 Hour / 12 Month and was determined to be in an airworthy condition.

Registration No.: N_____ End Date: _____ Aircraft Ending Total Time: _____
Aircraft S/N: _____ Aircraft Ending Total Cycles: _____

Signature: _____ Certificate Type & No: _____