SECTION: **A 0100 – AIRFRAME INSPECTION PROGRAM**
TYPE: **100 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 5

MAINTENANCE ACTION		REFERENCE	MECHANIC'S INITIALS
A 0100.1	**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 0100.2	**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 0100.3	**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 0100.4	**DRIVETRAIN**		
4.1	Examine the entire tail rotor driveshaft for condition and security.	Chapter 65	
4.2	Examine the components as follows. Includes AFT and FWD short shafts.	Chapter 65	
4.2.1	All bearings, hangers for loose and working rivets.		
4.2.2	All disc pack couplings for condition.		
4.2.3	All driveshaft tube assemblies.		
4.2.4	All forward short shaft (steel) splined adapters for wear, freedom of movement.		
4.2.5	Aft short shaft (aluminum) for condition and security.		
4.2.6	All aft short shaft (aluminum) splined adapters for wear, freedom of movement		
4.2.7	Aft tail rotor driveshaft splined adapters for adequate lubrication and freedom of movement.		
4.2.8	All segmented driveshafts for condition and security.		

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4.2.9 Lubricate the following. ***Comply with all applicable notes Δ in Table 12-5***	Chapter 12 Table 12-5	
WARNING **DO NOT** PURGE LUBRICATE THE OIL COOLER BLOWER OR TAIL ROTOR DRIVESHAFT HANGAR BEARINGS. MIXING GREASE (C-001) MOBIL 28 LUBRICANT WITH THE SAME MIL SPEC IS NOT PERMITTED. **NOTE:** Prior to and following grease lubrication, visually examine grease fittings for presence of the spring-loaded steal ball.		
4.2.9.1 Forward short shaft (steel) splined adapters – C525		
4.2.9.2 Tail Rotor driveshaft splined adapters – C525		
4.2.9.3 Lubricate oil cooler blower hangar bearings – C-001		
4.2.9.4 Tail Rotor driveshaft hangar bearings – C001		
4.2.9.5 Tail Rotor pitch change mechanism (2 places) – C001 or C-172		
4.2.10 Torque check ALL disc pack coupling fasteners 50 to 70 inch-pounds.		
A 0100.5 MAIN ROTOR		
5.1 Pillow Blocks – Torque check pillow block retention hardware 84 to 107 inch-pounds. Examine for misalignment of anti-slippage marks.		
A 0100.6 POST INSPECTION		
6.1 Ensure applicable servicing requirements have been carried out.	Chapter 12	
6.2 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	
6.3 Replace or close all applicable trim panels, covers, access and inspection doors/covers as necessary.		
6.4 Perform Functional Check Flight if required per Bell 206L Maintenance Manual or RFM as appropriate.		
6.5 Make an entry in the appropriate logbook regarding a retorque check of the disc pack coupling attachment hardware in 10 to 25 hours.	Table 5-47	
6.6 Make an entry in the appropriate logbook (refer to the following page for wording of approval for return to service).		

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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 0100 – 100 Hour / 12 Month Inspection 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: _____