

**SECTION: A 0056 – AIRFRAME INSPECTION PROGRAM**  
**TYPE: 300 HOUR / 12 MONTH INSPECTION**  
**NOTE:**

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

**Reference:** BHT 206L MM-1 Chapter 4, 5, 12 BHT 206L MMS-6

| MAINTENANCE ACTION                    |                                                                                                                                                                                      | REFERENCE                      | MECHANIC'S INITIALS |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------|
| <b>A 0056.1 GENERAL</b>               |                                                                                                                                                                                      |                                |                     |
| 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                   |                     |
| <b>A 0056.2 PLACARDS AND MARKINGS</b> |                                                                                                                                                                                      |                                |                     |
| 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                     |                     |
| <b>A 0056.3 CORROSION CONTROL</b>     |                                                                                                                                                                                      |                                |                     |
| 3.1                                   | Perform corrosion inspection in accordance with the Corrosion Guide on any area's access during this AAIP inspection.                                                                | CSSD-PSE-87-001                |                     |
| <b>A 0056.4 FUSELAGE (EXTERIOR)</b>   |                                                                                                                                                                                      |                                |                     |
| 4.1                                   | Examine the following;                                                                                                                                                               | Chapter 53                     |                     |
| 4.1.1                                 | Aft fuselage for dents, cracks, corrosion, delamination, loose or missing rivets and condition.                                                                                      | Chapter 53                     |                     |
| 4.1.2                                 | Aft fuselage for indications of fuel or oil leaks.                                                                                                                                   |                                |                     |
| 4.1.3                                 | Fuel cap for condition and security.                                                                                                                                                 | Chapter 28                     |                     |
| 4.1.4                                 | Grounding plug for condition.                                                                                                                                                        | Chapter 96                     |                     |
| 4.1.5                                 | All fuselage drains for condition and freedom from obstructions.                                                                                                                     | Chapter 6<br>Chapter 53        |                     |
| 4.1.6                                 | Heater and/or air conditioning inlets and outlets for cleanliness and absence of obstructions, (if installed).                                                                       | Applicable Service Instruction |                     |
| 4.1.7                                 | Examine baggage compartment door, seal, and latches for operation, condition, and security.                                                                                          | Chapter 53                     |                     |
| 4.1.8                                 | Verify operation of the baggage door ajar caution light, (if installed).                                                                                                             | Chapter 96                     |                     |

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| <b>A 0056.5 FUSELAGE (INTERIOR)</b>     |                                                                                                                                                                       |                          |                     |
| 5.1                                     | Examine the following baggage compartment for condition.                                                                                                              | Chapter 53               |                     |
| 5.2                                     | Gain access to inside of aft fuselage through access panels in baggage compartment and access panel located on the aft right hand fuselage and examine the following: |                          |                     |
| 5.2.1                                   | Access panels and fasteners for condition.                                                                                                                            |                          |                     |
| 5.2.2                                   | Under engine pan for fuel, oil or water leaks.                                                                                                                        |                          |                     |
| 5.2.3                                   | Drain lines for condition and security.                                                                                                                               |                          |                     |
| 5.2.4                                   | Interface between longerons and engine pan structure for cracks, corrosion, distortion and loose fasteners.                                                           |                          |                     |
| 5.2.5                                   | Engine mount attachment structure for condition.                                                                                                                      |                          |                     |
| 5.3                                     | Remove fuel shutoff valve access panel, examine the following.                                                                                                        |                          |                     |
| 5.3.1                                   | Structure for cracks and corrosion.                                                                                                                                   |                          |                     |
| 5.3.2                                   | Fuel system components for leaks and general condition.                                                                                                               | Chapter 28               |                     |
| 5.3.3                                   | Wires and connectors for condition.                                                                                                                                   | Chapter 96               |                     |
| 5.4                                     | Do a torque check of the tailboom to the aft fuselage attachment nuts.                                                                                                | Chapter 53               |                     |
| 5.5                                     | Do an operational check of the baggage door annunciator circuit.                                                                                                      | Chapter 96               |                     |
| <b>A 0056.6 CONTROLS</b>                |                                                                                                                                                                       |                          |                     |
| 6.1                                     | Examine the anti-torque control system components for condition and security.                                                                                         | Chapter 67               |                     |
| 6.2                                     | Examine the stabilizer elevator control system components for condition and security.                                                                                 |                          |                     |
| <b>A 0056.7 ELECTRICAL AND AVIONICS</b> |                                                                                                                                                                       |                          |                     |
| 7.1                                     | Examine antennas for condition and security.                                                                                                                          | Chapter 96<br>Chapter 97 |                     |
| 7.2                                     | Examine all components, electrical wiring, cables, and connectors for chafing, general condition, and security.                                                       |                          |                     |
| 7.3                                     | Examine all optional equipment installed in the aft fuselage area for condition and security.A                                                                        |                          |                     |
| 7.4                                     | Verify proper operation of fuel sump drain valve switch.                                                                                                              |                          |                     |

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| <b>A 0056.8 LANDING GEAR</b> |                                                                                                                                                                                          |            |                     |
| 8.1                          | . Examine the components as follows:                                                                                                                                                     | Chapter 32 |                     |
| 8.1.1                        | Crosstube retaining straps, cushions, and attaching hardware for condition and security.                                                                                                 |            |                     |
| 8.1.2                        | Fuselage attachment fittings for condition and security.                                                                                                                                 |            |                     |
| 8.1.3                        | Electrical bonding strips (if installed) for condition and security.                                                                                                                     |            |                     |
| 8.1.4                        | Fairings (if installed) for condition and security.                                                                                                                                      |            |                     |
| 8.1.5                        | Crosstube riveted or clamped supports for condition and security. Give particular attention to the sealant joints around supports. Restore sealant (C-251) and paint finish as required. |            |                     |
| 8.1.6                        | Cabin entry steps for condition and security (if installed).                                                                                                                             |            |                     |
| 8.1.7                        | Sealant joint at junction with skid tube saddles. Restore sealant (C-251) and paint finish as required.                                                                                  |            |                     |
| 8.1.8                        | Skid tubes for corrosion, damage, and security.                                                                                                                                          |            |                     |
| 8.1.9                        | Skid shoes for condition and security.                                                                                                                                                   |            |                     |
| 8.1.10                       | Skid tube saddles for corrosion, damage, and security.                                                                                                                                   |            |                     |
| 8.1.11                       | Ground handling wheel attachment bolts for condition and security.                                                                                                                       |            |                     |

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|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------|
| <b>A 0056.9 MAIN DRIVE SHAFT (Kaflex Only)</b> |                                                                                                                                                                                                                                                                                                                     |                                |                     |
| 9.1                                            | If installed, inspect the general condition of the Kaflex driveshaft as follows:                                                                                                                                                                                                                                    | Applicable Service Instruction |                     |
| 9.1.1                                          | Check for loose and missing hardware.                                                                                                                                                                                                                                                                               |                                |                     |
| 9.1.2                                          | Inspect flexframe and mount bolt torque stripes for evidence of slippage.                                                                                                                                                                                                                                           |                                |                     |
|                                                | <p style="text-align: center;"><b>WARNING</b></p> <p style="text-align: center;">DO NOT disturb or tighten flexframe nuts or bolts. Evidence of turning fasteners by wrench or other means is cause for rejection.</p>                                                                                              |                                |                     |
| 9.1.3                                          | Inspect Kaflex Driveshaft for damage and corrosion. Refer to Figure 6 for damage and repair limits.                                                                                                                                                                                                                 |                                |                     |
| 9.1.4                                          | Inspect Kaflex Driveshaft flexframe joints for fretting dust which will show up as red metallic residue. If grease, oil or dirt is covering suspected area, or any doubt exists as to whether actual fretting has occurred, clean suspected areas thoroughly and recheck in conjunction with next daily inspection. |                                |                     |
|                                                | NOTE: If fretting is apparent, return Kaflex Driveshaft to Kamatics Corporation as described under 4500 hour inspection.                                                                                                                                                                                            |                                |                     |
| 9.1.5                                          | Inspect KAFLEX Driveshaft for signs of contact, rubbing, and/or chafing.                                                                                                                                                                                                                                            |                                |                     |
| <b>A 0056.10 POST INSPECTION</b>               |                                                                                                                                                                                                                                                                                                                     |                                |                     |
| 10.1                                           | Ensure applicable servicing requirements have been carried out.                                                                                                                                                                                                                                                     | Chapter 12                     |                     |
| 10.2                                           | Check oil level of transmission, hydraulic tank, engine and tail rotor gearbox prior to running helicopter.                                                                                                                                                                                                         |                                |                     |
| 10.3                                           | 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                  |                     |
| 10.4                                           | Replace or close all applicable trim panels, covers, access and inspection doors/covers as necessary.                                                                                                                                                                                                               |                                |                     |
| 10.5                                           | Perform Functional Check Flight if required per Bell 206L Maintenance Manual or RFM as appropriate.                                                                                                                                                                                                                 |                                |                     |
| 10.6                                           | Make an entry in the appropriate logbook (refer to the following page for wording of approval for return to service).                                                                                                                                                                                               |                                |                     |

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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.

| <u>INITIALS</u> | <u>SIGNATURE</u> | <u>CERTIFICATE TYPE &amp; NUMBER</u> |
|-----------------|------------------|--------------------------------------|
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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 0056 – 300 Hour / 12 Month Inspection and was determined to be in an airworthy condition.

Registration No.: N      End      Aircraft Ending Total Time: \_\_\_\_\_  
Aircraft S/N: \_\_\_\_\_      Date: \_\_\_\_\_      Aircraft Ending Total Cycles: \_\_\_\_\_

Signature: \_\_\_\_\_      Certificate Type & No: \_\_\_\_\_