SECTION: **B 0303NT – ENGINE INSPECTION PROGRAM**
TYPE: **300 HOUR / 12 MONTH INSPECTION**
NOTE: **NO TOLERANCE**

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

Reference: Rolls-Royce M250-C30 Series Operation and MM Table 607, BHT 206L Series MM-1 Chapter 5
NOTE: **This inspection is ONLY for engines operating with 3rd Generation oil**

MAINTENANCE ACTION	REFERENCE	MECHANIC'S INITIALS
B 0303.1 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 (Refer to Rolls-Royce M250-C30 Operations and Maintenance Manual).	250-C30 MP	
1.4 Overhaul all components that have completed published operating limits (Refer to Rolls-Royce M250-C30 Operations and Maintenance Manual).	250-C30 MP	
B 0303.2 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	
B 0303.3 ENGINE		
CAUTION: BEFORE UNDERTAKING ANY INSPECTION OR MAINTENANCE ACTION, CONSULT THE REFERENCED PARAGRAPHS OF THE OPERATION AND MAINTENANCE MANUAL. FAILURE TO FOLLOW THE RECOMMENDED INSTRUCTIONS IN THE MANUAL COULD RESULT IN EQUIPMENT DAMAGE OR DESTRUCTION, POSSIBLY RESULTING IN PERSONNEL DEATH OR INJURY.		
3.1 Inspect the following:		
3.1.1 Examine the engine cowling and doors for condition and security. Replace anti-chaff tape as needed.		
3.1.2 Using a bright light and mirror, inspect exposed upper a lower edge of the joints between aluminum longerons and titanium engine pan.		
3.1.3 Check edge of sealant coating should is visible. Any indications of corrosion or cracks is unacceptable		
3.1.4 Examine engine pan area for evidence of loose fasteners and damage. Restore cracked or missing sealant form engine pan.	Chapter 71	

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MAINTENANCE ACTION		REFERENCE	MECHANIC'S INITIALS
3.1.5	Fluid flexible and rigid lines. Pay particular attention for chafing damage and kinked lines.	Chapter 71	
3.1.6	Electrical harness for loose, chafed, frayed, or broken wires, loose connectors	Chapter 96	
3.1.7	Exhaust stack for condition and security.	Chapter 71	
3.1.8	Engine mounts, fittings and legs. Pay particular attention for loose fasteners.	Chapter 71	
3.1.9	Firewalls for condition and security.	Chapter 53	
3.1.10	Engine pan drains. Make sure that they are not clogged. Restore broken or missing sealant from engine pan.		
3.1.11	Rear engine mount for security and excessive bearing wear.	72-00-00 PARA 1.A., (5)	
3.1.12	Horizontal and vertical firewall shields for cracks. **NOTE:** Continue sheet metal or tube cracking may be an indication of excessive engine, engine accessory or airframe vibration.	72-50-00 PARA 6.K	
B 0303.4	**FREEWHEELING UNIT**		
4.1	Examine the freewheel assembly for condition, leaks and security.	Chapter 63	
4.2	Examine the freewheel chip detector for metal particles.		
4.3	Examine the electrical circuit of the chip detectors for continuity.	Chapter 96	
B 0303.5	**STARTER-GENERATOR**		
5.1	Remove starter generator. Examine mounting pad, cooling duct and retention clamp for condition.	Chapter 71	
5.2	Examine the components as follows for condition, security and wear:		
5.2.1	Brushes		
5.2.2	Commutator. Replace starter generator if not smooth and bright or if showing excessive wear.	Chapter 96	
5.2.3	Splines on starter generator shaft and engine gear shaft.	Chapter 71	
5.2.4	Examine the starter generator duct and the clamp for condition and security.	Chapter 71	

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MAINTENANCE ACTION		REFERENCE	MECHANIC'S INITIALS
B 0303.6	**ENGINE AIR SYSTEM**		
6.1	Remove the Pc filter.	73--20--03 PARA 2. and 3	
6.2	Clean and inspect the Pc filter.		
6.3	Reinstall the Pc filter.		
	NOTE: If engine performance deteriorates, Pc filter cleaning interval may have to be reduced.		
6.4	Confirm proper clamping and security.		
B 0303.7	**ENGINE OIL SYSTEM**		
7.1	Drain the oil system and refill. **Applicability** – Only for engines running Third Generation oils	72-00-00 PARA 8.D ENGINE SERVICING	
7.2	Replace Purolator Nicad Filter.		
B 0303.8	**POST INSPECTION**		
8.1	Replace or close all applicable trim panels, covers, access and inspection doors/covers as necessary.		
8.2	Make sure applicable servicing requirements have been carried out.	Chapter 12	
8.3	Check oil level of transmission, hydraulic tank, engine and rail rotor gearbox prior to running helicopter.		
8.4	Perform compressor fresh water rinse.	72-30-00 Para 5. A.	
8.5	Ground run aircraft for a minimum of 2 minutes to check for leaks and ensure all systems are operational and parameters are within Flight Manual limitations.	BHT-206L-FM-1	
8.6	Perform Functional Check Flight if required per Rolls-Royce MM, or RFM as appropriate.		
8.7	Make an entry in the appropriate logbook (refer to the following page for wording of approval for return to service).		

SECTION: **B 0302NT – ENGINE INSPECTION PROGRAM**
TYPE: **300 HOUR / 12 MONTH INSPECTION**
NOTE: **NO TOLERANCE**

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 300 Hour / 12 Month – B 0303NT – Engine Inspection and was determined to be in an airworthy condition.

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

Signature: _____ Certificate Type & No: _____