

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

December 3, 2013

STRUCTURES

Group Chairman's Factual Report

WPR12MA034

Attachment 3 – Maintenance Records
(2 pages)

BLUE HAWAIIAN HELICOPTERS
 APPROVED AIRCRAFT INSPECTION PROGRAM (AAIP)
 EC130B4 SERIES - 100 HOUR INSPECTION (12 MONTH)
 (BHH FORM 002B4, 10/09/09, RUSH REVISION 3b)

RUSH REVISION

Date: 11.8.11	A/C Reg No. N11QV	NG Cycles 239.65
A/C Serial No. 4909	Aircraft TT 2431.4	N2 Cycles 807.25
Eng Serial No. 23067	Engine TT 7677.1	A/F Cycles 3149
VEMD Flight No.	VEMD Failure No.	VEMD Over Limit No.

A general inspection is to be carried out at each point. The general inspection shall include inspection for proper condition, mounting, tightness, cleanliness and correct play. Check surrounding structure for cracks, condition of riveting and protective treatment.

Check electrical wires and radio cables for condition and security. Check hydraulic, fuel, oil and all other lines and fittings for condition, security and proper clearance from structure and other lines.

All defects found shall be transferred to discrepancy form BHH 015 for corrective action

1.0 General - Preinspection	Mechanic	Inspector
1.1 Consult aircraft logbook for any remarks by pilot, clear all discrepancies.		
1.2 Check airframe cycles against "Due Cycles" on component control sheets.		
1.3 Check aircraft logbook, component records sheets, and AI Pro for TT, possible component changes, and inspections coming due. Enter on the aircraft inspection work order/or discrepancy listing, as applicable.		
1.4 Check MX Manager and AI Pro for applicable service bulletins, service instructions, service letters, memos and A.D. compliance due.		
1.5 Check flight manual for proper weight and balance, that form "C" is current and that it matches AI Pro. Ensure equipment list is current.		
1.6 Check condition and mounting of registration and airworthiness certificate. Ensure airworthiness certificate is in plain view IAW FAR 91.203(B) and signature is legible.		
1.7 Check that MEL is located in aircraft and any deferred items are not past due, (if applicable).		
1.8 Check that the guide containing the flight related checks (VLV) and daily operating checks is in the aircraft.		

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RUSH REVISION

8.0 Air Conditioning System	Mechanic	Inspector
8.6 Condensor blower motor assembly. Perform ops check as necessary.		
8.7 Evaporator blower motors: Inspect housing and motor for cracks and security of mounting,. Operationally check high and low speeds..		
8.8 Evaporator assemblies: Inspect for security and mounting,. Inspect expansion valves for condition and attachment. Inspect ducting for security and attachment.		
8.9 Airconditioning system control switches and air regulation controls for security and attachment and proper operation. Inspect electrical control box for tripped circuit breakers.		
8.10 Inspect overhead cabin headliner for general condition and security. Inspect vents for security, condition and operation.		

9.0 Tail Boom and Tail Rotor	Mechanic	Inspector
9.1 Check condition of outer skin for nicks, dents, corrosion and cracks. Ref. AMM 53-00-00, 6-1 (f)		
9.2 T/R D/S cowling heat shield. Inspect for condition, fasteners, security and cleanliness.		
9.3 T/R D/S cowling: general condition, security of attachment, condition of fasteners and cleanliness.		
9.4 T/R D/S flex couplings, flanges, bearing blocks and bearing. Ref AMM 65-11-00, 6-4 & 6-5.		
9.5 Inspect external power receptacle for security, corrosion, cracks and arcing damage to prongs.		
9.6 Inspect battery compartment in tailboom. inspect security, routing of wires, general condition. Ref. AMM 53-00-00, 6-1.		
9.7 Inspect radio antenna(s) for security, corrosion and condition.		
9.8 T/R G/B oil level and condition, chip plug for metal, continuity test, clean and install. Check for proper installation and security of oil filler cap. Ref. AMM 12-20-00, 6-1.		
9.9 Aft fenestron housing. Check for security and condition of stators securing T/R gearbox assembly to tailboom support housing, the keel and the skid.. Ref AMM 53-00-00, 6-1 para C.f.		
9.10 Inspect tail boom/fenestron fin junction IAW IN 2167-I-53, AMM 53-00-00, 6-1 and EASB 53A019 para. 3.B.4. Check for cracks, paint chipping or flaking, security of attachment, working rivets. Inspect with borescope if necessary.		