

1. Complied with Preliminary Inspection in accordance with Sterling Helicopter Part 145 Repair Station Operations Manual. Aircraft is inspected per FAR 91.409(f) (3). In addition, perform review of components, FAA Airworthiness Directives, and Manufacturer's Service Bulletin status.
2. Complied with BHT-206A/B-Series-MM-1, Para. 5-20, 100 Hour and Annual Inspection.
3. Complied with BHT-206A/B-Series-MM-1, Para. 5-32, Weekly Inspection.
4. Complied with BHT-206A/B-Series-MM-1, Para. 5-33, 12 Month Inspection.
5. Complied with BHT-206A/B-Series-MM-1, Para. 5-42, 1500 Hours of Component Operation and Every 50 Hours Thereafter.
6. Complied with BHT-206A/B-Series-MM-1, Para. 5-34, 12 Months of Component Operation.
7. Complied with BHT-206A/B-Series-MM-2, Table 12-6, 50hr/12mo, 100hr/12mo, and 300hr/12mo lubrication items.
8. Complied with BHT-206A/B-Series-MM-2, Table 12-3, 200hr/12mo servicing items,
9. Complied with BHT-206A/B-Series-MM-2, Table 12-5, 600 Hour or 12 Month Hydraulic System Fluid change.
10. Complied with BHT-206A/B-Series-MM-2, Table 12-7, 300 Hour or 12 Month Oil Cooler Blower Impeller servicing and Monthly fire extinguisher weight and pressure inspection.
11. Complied with inspection of ELT as required by FAR 91.207 para. (d). Inspection for Proper Installation, Battery Corrosion, Operation of controls & crash sensor and the presence of sufficient signal radiated from its antenna. Make: Emergency Beacon Corporation, Model: EBC-102A, S/N: 61572GB
12. Complied with Rolls-Royce 250-C20 Series, O&M manual, Table 603, 150 hr. Inspection.
13. Comply with Rolls-Royce M250-C20 O&M 72-00-00, Table 603, 1500 hour inspection of Fuel Control Strainer Assembly, replace as necessary.
14. Complied with Rolls-Royce 250-C20 Series O&M manual, Sect. 72-00-00, Table 603, 200 hour or 12 month Engine oil change.
15. Complied with Facet, Scavenge Oil Filter replacement in accordance with the Facet Maintenance instructions E-954.
16. Complied with Concorde Battery 24-30-71, Doc No. 5-0171, 6 months Battery capacity check.
17. Complied with BHT-206A/B-Series-MM-1, Table 4-1, 1200 Hrs. or 24 Months M/R Strap Change. Removed P/N 206-011-154-105, S/N's LPFS33800 & LPFS33801, TSN 201.9 and installed new straps, P/N 206-310-004-101, S/N's LPFS2787 & LPFS2785.
18. Complied with FAA AD 2007-25-07 (h), Vertical Fin 100Hr. / Annual torque check. No defects noted. Next Due @ ACTT: 2659.4.
19. Complied with FAA AD 94-19-02 / BHT ASB 206-93-74 Rev. B, 50 Hour visual inspection of Swashplate Support. No defects noted. Next due @ ACTT: 2609.4.
20. FAA AD 2013-22-21 Found N/A by Apical Emergency Float Kit not installed.
21. FAA AD 2012-12-11, found N/A by night vision not installed on aircraft.
22. FAA AD 2013-18-03 Found N/A by Engine Auto-Relight kit Control Box assembly not installed.
23. FAA AD 2013-18-06 found previously complied with through embodiment of BHT ASB 206-09-122 at ACTT: 2357.5 on 04/06/10.
24. Complied with FAA AD 2013-20-13, RFM - Placards, Steady State Engine Speed Operation.
25. BHT ASB 206-13-130'A' Found N/A by TT Strap P/N installed 206-310-004-101.
26. Complied with engine compressor wash.
27. Pilot reports co-pilots foot switch is inoperative. Re-seated connector for co-pilots headset microphone, ops check okay.
28. During inspection, found Hobbs meter intermittent. Replaced Hobbs meter with new P/N 100690. NOTE: Add 2,559.4 hrs. to new Hobbs to obtain aircraft total time.
29. During inspection, found right hydraulic servo seeping. Removed servo and sent to Helicopter Accessory Service Inc. FAA CRS# XJ2R294L for repair. Reference their Shop Order # 61386 for work performed. Upon return, reinstalled servo P/N 206-076-031-023, S/N RH-0156 and verified proper operation.
30. During inspection, found baggage compartment door seal is deteriorated. Replaced seals with new.
31. During inspection, found swashplate fails minimum friction check. Adjusted friction to be within acceptable limits.
32. During inspection, found chafe tape not installed on lower T/R gearbox fairing. Installed chafe tape as required.
33. During inspection, found #5 T/R Driveshaft hangar bearing does not slide in mount. Removed bearings, cleaned and lubricated slides then reinstalled. Ops check okay.
34. During inspection, found one broken wire guide on Tailboom between hangar #5 and broken wire guide #6. Replaced with new.
35. During inspection, found flexible duct from engine cooler has a broken reinforcement and puncture. Replaced duct with new P/N 3-1655-24-152-5 and sealed at deck.
36. During inspection, found broken nutplate on lower right side of broom closet. Replaced broken nutplate with new P/N SL211-3-1.
37. During inspection, found fuel control to throttle linkage bolt worn. Replaced bolt with new P/N AN173-5.
38. During inspection, found foam blocks not installed in T/R pedal assembly. Installed new foam blocks as required.
39. During inspection, found pilots window slider is broken. Replaced slider with serviceable P/N 206-031-500-106.
40. During inspection, found latch bolt striker on red blade lower trailing edge position debonded from blade. Rebonded latch bolt striker as required.
41. Installed RADS equipment to aircraft. Performed dynamic Track and Balance of M/R system. Made required adjustments, removed RADS equipment.

Note: Comply with BHT-206A/B-MM-1, Para. 5-47, Main Rotor Hub Mast Nut Torque Check 1-5 Hrs. after installation between ACTT: 2560.4 and 2564.4.
Comply with BHT-206A/B-MM-1, Para. 5-49, Disc Pack Coupling Torque Check 10-25 Hrs. after installation between ACTT: 2569.4 and 2584.4.

Ground-run aircraft to leak check and check proper operation. All work accomplished in accordance with BHT Maintenance Manuals, Rolls-Royce O&M Manual, Vendor Maintenance Manuals and AC 43.13-1B.

STERLING HELICOPTER

The work identified above was performed and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this station under W/O# 14-4105

Authorized Signature

ACTT: 2,559.4

Date 04/01/14

FAA Repair Station No. PN1R406K