

MAINTENANCE/INSPECTION ENTRIES

Hawker Beechcraft

SERVICES

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AIRFRAME LOG ENTRY

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MODEL	A/C S/N	A/C REG	WORK ORDER	AC TT	AC TCYC	HR MTR	DATE
B300	FL-492	N109G	HOU04001339 & 04001341	2598.9	1832	284.9	3/19/2015

A. TIME ITEMS COMPLIED WITH:

1. Complied With Phase 1 Thru 4 (Complete) Inspection IAW Super King Air B300/B300C Maintenance Manual P/N 130-590031-11 Reissue B - November 1, 2014 Chapter 05-22-02.
2. 12 month horizontal and vertical stabilizer inspection IAW King Air series SIRM chap. 55-00-11 & 55-00-12.
3. 12 month inspection of left and right wing forward spar caps IAW King Air B300 series SIRM chap. 57-18-02.
4. 12 month Rockwell Collins IFIS-5000 Inspection, tested and inspected IFIS-5000 system IAW Elliott Aviation Instructions for Continued Airworthiness for the IFIS-5000 System doc. # ICA-2707-000 Rev. A dated 6-26-2007.
5. 12 month Rockwell Collins TCAS-4000 Inspection, tested and inspected the TCAS-4000 system IAW Elliott Aviation Instructions for Continued Airworthiness for the TCAS-4000 system doc. # CA2026-576 Rev.5 dated 12-23-2010. No discrepancies noted.
6. 7 Year/12 Month Replacement of L/H and R/H Emergency Exit Signs. Installed new left emergency exit sign P/N: 99-384012 S/N: A13-4432 and new right emergency exit sign P/N 99-384012 S/N: A13-4428 IAW King Air B300 M/M chap. 33-50-00.
7. Complied With Continuous Corrosion Inspection IAW King Air B300 M/M chap. 05-23-00.

B. AD'S / SERVICE BULLETINS ACCOMPLISHED:

1. AD 2011-14-08, Effective Date August 19, 2011. B/E Aerospace 174 series oxygen masks with subject flow indicators, found no affected oxygen masks in aircraft. No further action required.
2. AD 2014-18-01 Effective Date October 14-2014. Collins Mode S Transponders Does Not Apply with B300, B300C aircraft if in "As Delivered" configuration IAW Docket No. FAA-2014-0326; Directorate Identifier 2013-CE-051-AD; Amendment 39-17965; AD 2014-18-01.

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3. Beechcraft MSB 27-3459 Flight Control Gust Lock Inspection/Replacement Inspected flight control gust lock IAW S/B 27-3459 accomplishment Instructions. Found correct gust lock installed.
4. Beechcraft MSB 55-4004, Inspection of Rudder Assembly for Proper Drainage. Inspected rudder assembly for proper drainage holes IAW S/B 55-4004 Accomplishment Instructions, no discrepancies noted.
5. Beechcraft MSB 57-4126 Inspection/replacement of incorrect rivets installed by Kit P/N 101-4045, found Kit P/N: 101-4045 not installed on aircraft, no further action required.

C. MAINTENANCE ACTIONS PERFORMED:

1. Removed copilot's right master cylinder P/N 90-380001-23, S/N 4609 and installed new brake master cylinder P/N 90-380001-23, S/N APW2100 IAW King Air B300 M/M Chapter 32-40-03-401.
2. Installed new cabin sidewall rail vibration isolator P/N SL8129 on left cabin sidewall 2nd from aft position IAW King Air B300 M/M Chapter 25-20-00.
3. Installed new pins P/N 101-531139-1, clips P/N 5144-18, and springs P/N 111504ZE0100 to the 2 most aft positions on left headliner and forward most position on right headliner IAW King Air B300 Series M/M Chapter 25-10-05.
4. Adjusted elevator bob weight to specified .56 inches IAW King Air B300 Series M/M Chapter 27-30-21
5. Adjusted the right engine ground idle solenoid and bracket IAW King Air B300 M/M Chapter 76-10-15.
6. Reattached recline cable hinge to hydrolock on left #3 seat IAW King Air B300 Series M/M Chapter 25-20-00.
7. Removed right storm window and installed new window P/N 101-420122-60, S/N 8508, IAW King Air B300 Series MM Chapter 56-10-05-401.
8. Adjusted left storm window latch IAW King Air B300 Series MM Chapter 56-10-07-501.
9. Replaced left aft partition aft no smoking light tray P/N 1202-300 IAW King Air B300 M/M Chapter 33-20-01.
10. Removed and replaced baggage area light bulbs P/N 1495X IAW King Air B300 Series M/M Chapter 33-20-01.
11. Removed and replaced right forward card table light bulb P/N 1495X IAW King Air 300 Series M/M Chapter 33-20-01.
12. Installed new nose landing gear drag leg lower bolt P/N 130909B177 and bushings P/N 100-820017-1IAW King Air B300 Series M/M Chapter 32-20-09.
13. Installed two new static wicks P/N 101-380053-11 on right aileron IAW King Air B300 M/M Chapter 23-60-01.
14. Adjusted rudder cable tension IAW King Air B300 Series M/M Chapter 27-20-03-501.

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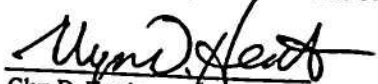
- 15 Installed new latches P/N 43-1-13-0 on center isle floorboards IAW King Air 300 Series SIRM Chapter 20-50-03.
- 16 Applied Devcon sealant around cabin door IAW King Air B300 Series M/M Chapter 20-10-00.
- 17 Installed new main cabin door seal P/N 50-430061-27 and applied adhesive sealant to the end of the channel on each side of the lower door IAW King Air B300 Series M/M Chapter 52-10-13.
- 18 Installed new puck packing's P/N M83461/1-215 with new sleeve 101-8001-97 and new nut P/N 63-501, torqued and assembled #3 main landing gear brake assembly IAW Goodrich CMM 32-46-27 and bled brake system IAW King Air B300 M/M Chapter 32-40-01.
- 19 Fabricated flange crack repair for left inboard flap cove support IAW Hawker Beechcraft 300 Series SIRM 20-10-13 and installed IAW Hawker Beechcraft 300 Series SIRM Chapter 20-50-03-201.
- 20 Installed new static diverters P/N 101-810160-17 on left and right main landing gear IAW King Air B300 M/M Chapter 23-60-03-401.
- 21 Removed left outboard flap. Fabricated and installed repair doublers for L/H flap coves and installed at stations 135.110 and 156.235 IAW King Air B300 SIRM Chapter 20-10-15. Reinstalled left outboard flap IAW King Air B300 M/M Chapter 27-50-01.
- 22 Fabricated flange crack strap repair for left and right upper forward wing bolt cover support IAW Hawker Beechcraft 300 Series SIRM Chapter 20-10-13 and installed IAW Hawker Beechcraft 300 Series SIRM Chapter 20-50-03-201.
- 23 Installed new bolt P/N: NAS 1103-21D on air stair door forward upper latch assembly IAW King Air B300 M/M chapter 52-10-01.
- 24 Serviced consumables to include tires, oxygen, engine oil, brake reservoir, and hydraulic reservoir IAW King Air B300 M/M Chapters 12-10-00 & 12-20-00.
- 25 Removed damaged forward battery box flange and installed new flange P/N 101-120116-145 IAW King Air 300 Series SIRM Chapter 20-50-03-201.
- 26 Replaced left aux tank fuel cap lanyard P/N MS27380-3 King Air B300 Series M/M Chapter 28-10-01.
- 27 Fabricated repair strap on left engine oil cooler scoop from 2024T3 .063 LOT# 108821, treated, primed and installed IAW King Air 300 Series SIRM Chapter 20-50-03-201.
- 28 Repaired left avionics door seal with EC-1300-L IAW King Air B300 M/M Chapter 20-10-00.
- 29 Removed shimmy dampener, disassembled and cleaned components, removed and installed new o-rings 2 EA P/N M83461/1-116, 2 EA P/N M83461/1-218, 2 EA P/N M83461/1-111, 1 EA P/N M83461/1-216, serviced and installed shimmy dampener IAW King Air Series CMM Chapter 32-20-00 and King Air B300 M/M Chapter 32-20-00.
- 30 Installed new bolt cover plug P/N 2673 on right elevator lower outboard bolt in reference to King Air B300 Series M/M Chapter 27-30-01.

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- 31 Replaced left engine chip detector cannon plug backshell P/N M85049/51-1-12N IAW King Air B300 Series M/M Chapter 20-12-01.
- 32 Replaced left engine oil pressure warning switch cannon plug backshell P/N M85049/51-1-10N IAW King Air B300 Series M/M Chapter 20-12-01.
- 33 Removed damaged angle on R/H lower forward cowl at heat lip duct and installed new angle P/N 101-910119-87 IAW King Air B300 Series SIRM Chapter 20-50-02-201.
- 34 Replaced right engine upper and lower inboard isolators mount with new mount assembly P/N 114-389031-7 IAW King Air B300 Series M/M Chapter 71-00-01.
- 35 Removed and replaced left engine upper inboard isolator with new mount assembly P/N 114-389031-7 IAW King Air B300 Series M/M Chapter 71-00-01.
- 36 Repaired open wire for IFIS Controller at CCP-3000 pin 3 connector 2320-P4 IAW Print No: 130-590031-197 Reissue D-August 1, 2012. Operational check satisfactory IAW King Air B300/B300C Maintenance Manual Chapter 33-10.
- 37 Removed cockpit overhead overlay P/N 130-384017-0017, S/N 0014 and removed avionics maintenance switch P/N A123S1YZQ, cap and stowed wires. Painted out the lettering at the existing "Avionics Maintenance On/Off" switch location on the overhead control panel overlay, P/N 130-384017-0017, S/N 0014. Painted P/N BB-M/23-M/943 1/4" button plug flat black and installed in the switch hole. Reinstalled cockpit overhead overlay P/N 130-384017-0017, S/N 0014. Operational check satisfactory IAW King Air B300 Maintenance Manual Chapter: 33-10-03.
- 38 Updated J6 America NAV Database Expires April/1/2015 and EMAP Database Expires: April/1/2015. Operational check satisfactory IAW Rockwell Collins King Air Pro Line 21 with IFIS Avionics System Maintenance Manual No: 523-0807237.
- 39 Performed inspection of left and right generator quad flanges as required IAW King Air B300 Series C/M/M chap. 24-30-08.

I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW CFR 91.409 (f) (3). Only those items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Hawker Beechcraft Services
CRS XAIR605K


Glyn D. Weath
Title: Inspector