

# MAINTENANCE/INSPECTION ENTRIES



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Wichita, Kansas 67209  
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FAA Certified Repair Station BWVR672C  
EASA Certified Repair Station No. 145.5086

## AIRFRAME LOG ENTRY

MODEL	A/C S/N	A/C REG	W/O	AC TT	AC TC	HR MTR	DATE
B300	FL-254	N807CR	ICT4I000134	4184.4	4134	2363.6	10/4/2013

**A. TIME ITEMS COMPLIED WITH:**

1. ACCOMPLISHED A **PHASE 1 THRU 4 (COMPLETE) INSPECTION** IAW B300 MM P/N 130-590031-11, REV A 35 DATED 5/1/2013.
2. C/W **200, 400, & 800HR** LUBRICATIONS IAW KA 300 SERIES M/M 12-20-00-301.
3. C/W **800HR.** WINDSHIELD ATTACH SCREW RE-TORQUE BY REPLACEMENT OF BOTH WINDSHIELDS. INITIAL RE-TORQUE DUE AT **ACTT: 4383.5**
4. C/W **1000 HR.** STARTER GENERATOR OVERHAUL. REPLACED L/H ENGINE STARTER GENERATOR P/N 23085-011 S/N 99186 WITH OVERHAUL P/N 23085-011 S/N 1888. OVERHAUL ACCOMPLISHED BY SOUTHWIND AVIATION SUPPLY CRS # UO9R076Y. INSPECTED THE QAD NO DEFECTS FOUND IAW KA 300 SERIES M/M 24-30-00. FUNCTION TEST GOOD.
5. C/W **1000 HR.** NOSE, L/H & R/H LANDING GEAR CLEVIS HOLE INSPECTION IAW MM 32-10-00. NO DEFECTS NOTED AT THIS TIME. OPS CHECKED OK.
6. C/W **1000 CYCLE** HYDRAULIC SYSTEM FILTER AND O RINGS REPLACEMENT. INSTALLED NEW FILTER P/N 570357, O-RINGS P/N M83461V1-122 AND M83461V1-012 IAW KA 300 SERIES M/M 32-30-00 AND 12-10-00. LEAK CHECK GOOD.
7. C/W **6 MO.** PS-835 INSPECTION AND TEST IAW JET MODEL PS-835 CMM CH. 24-30-02, TP-329.
8. C/W **12 MO.** ELT INSPECTIONS AND TESTS IAW FAR 91.207(d). BATTERY EXP: NOV 2014.
9. C/W **12 MO.** COCKPIT PORTABLE FIRE EXTINGUISHER INSPECTION/WEIGHT CHECK IAW B300 MM 05-21-00 & 26-21-00. INSPECTED EXTINGUISHER P/N A352, S/N V-851264, DOM: 1999, WITH NO DISCREPANCIES NOTED. EXTINGUISHER WEIGHED 4 LBS., 11 OZ., WITHIN LIMITS PER MFG. PLACARD INSTRUCTIONS.
10. C/W **12 MO.** CABIN PORTABLE FIRE EXTINGUISHER INSPECTION/WEIGHT CHECK IAW B300 MM 05-21-00 & 26-21-00. INSPECTED EXTINGUISHER P/N A352, S/N V-851253, DOM: 1999, WITH NO DISCREPANCIES NOTED. EXTINGUISHER WEIGHED 4 LBS., 10 OZ., WITHIN LIMITS PER MFG. PLACARD INSTRUCTIONS.
11. C/W **12 MO.** MAIN BATTERY CAP CHECK IAW CMM DOC# 5-0171, REV L. BATTERY P/N RG-380E/44K, S/N 40370430 FAILED CAP CHECK 2 64% (1<sup>ST</sup> CHECK) AND 77% (2<sup>ND</sup> CHECK). **REPLACED WITH NEW BATTERY** P/N RG-380E/44K S/N 40589670 IAW MM 24-31-00-201.
12. C/W **12 MO.** CABIN ALTITUDE PRESSURE SWITCH INSPECTION IAW KA 300 SERIES M/M 21-30-00. FUNCTION TEST GOOD.
13. C/W **12 MO.** OXYGEN BAROMETRIC PRESSURE SWITCH TEST IAW KA 300 SERIES M/M 35-00-00. FUNCTION TEST GOOD.
14. C/W **12 MO.** EMERGENCY EXIT LIGHT BATTERY REPLACEMENT. INSTALLED NEW P/N 14A BATTERYS IN FWD AND AFT LIGHTS IAW KA 300 SERIES M/M 5-11-00. FUNCTION TEST GOOD.
15. C/W **12 MO.** HORIZONTAL AND VERTICAL STABILIZER INSPECTION IAW KA 300 SERIES SIRM 55-00-11 AND 55-00-12. NO DEFECTS NOTED.
16. C/W **12 MO.** INSPECTIONS OF FUEL CENTER, CB, AND EDGE ILLUMINATED PANELS IAW 300 SERIES M/M 5-21-05 FUNCTION TEST GOOD.
17. C/W **60 MO.** #1 & #2 ENGINE FIRE EXTINGUISHER P/N 30301102 S/N 41933B1 (#1) AND P/N 30301102 S/N 42018B1 (#2) HYDROSTATIC TESTS IAW MM 26-20-00-001. HYDROSTATIC TESTS ACCOMPLISHED BY AEROSPACE TURBINE ROTABLES CRS# NV2R045L. NO DEFECTS NOTED AT THIS TIME.

**B. AD'S / SERVICE BULLETINS ACCOMPLISHED:**

1. AD **2011-15-05** CORRECT POH AND AFM FOUND TO BE N/A TO AIRCRAFT NO EXTENDED RANGE WING LOCKER TANKS INSTALLED. NO FURTHER ACTION REQUIRED.
2. NO OTHER APPLICABLE AD'S DUE THRU BI-WEEKLY 2013-19.

**C. MAINTENANCE ACTIONS PERFORMED:**

1. REMOVED PERMANENT REGISTRATION N807CR AND PAINTED AREA MATTERHORN WHITE 570-53, INSTALLED SAME TEMPORARY REGISTRATION N807CR IAW B300 MM 20-08-00-201.
2. INSPECTED AREAS UNDER PILOT'S SEAT, LAVATORY, & GALLEY FOR SPILLAGE & CORROSION IAW B300 MM 20-09-00 & 38-30-00, WITH NO DISCREPANCIES NOTED.
3. INSPECTED AUX & NACELLE FUEL TANK UPPER ACCESS PANELS & FLANGES FOR CORROSION. FOUND FLANGES & COVERS PREVIOUSLY TREATED & NO FURTHER DISCREPANCIES NOTED IAW B300 MM 28-10-00. OPS & LEAK CHECKS SATISFACTORY.
4. C/W L/H & R/H ENGINE TORQUE TRANSMITTER CALIBRATION CHECKS IAW B300 MM 77-00-00, & FOUND BOTH ENGINE TORQUE TRANSMITTERS WITHIN LIMITS, WITH NO DISCREPANCIES NOTED. LEAK CHECKS GOOD.
5. C/W L/H & R/H ENGINE ITT CALIBRATION CHECKS IAW B300 MM 77-00-00 & P&W PT6A-60A MM 77-20-01, & FOUND ALL ITEMS WITHIN LIMITS. OPS CHECKS GOOD.
6. REATTACHED LANYARDS TO LIDS OF #5 & #6 OXYGEN BOXES IAW B300 MM 25-20-00.
7. REPLACED O/B WING QUICK DRAIN VALVE P/N CCA3400 WITH NEW VALVE IAW KA 300 SERIES M/M 28-10-00.

9. FABRICATED A 2024-T3 .063 DOUBLER AND INSTALLED ON AFT SIDE OF INTERCOSTAL AND FWD SIDE MED ANGLE OF AIRCRAFT DOOR IAW KA 300 SERIES SIRM 20-10-00, 20-30-00, 20-50-01, 20-50-02 AND 20-50-05.
10. FABRICATED A DOUBLER FROM 2024-T3 0.025 ALUMINUM. INSTALLED ON L/H ENGINE I/B COWL DOOR AFT NACELLE. IAW KA 300 SERIES SIRM 20-10-00, 20-30-00, 20-50-01, 20-50-02 AND 20-50-05.
11. FABRICATED AND INSTALLED 2 EA 2024-T3 .032" REPAIR DOUBLERS AT L/H AND 2 EA AT R/H O/B WING FLAP COVE UPPER SKIN STIFFENER IAW B300 SIRM 20-10-00, 20-50-02, 20-50-03 AND 20-50-05.
12. FABRICATED AND INSTALLED 2 EA 2024-T3 .032" REPAIR DOUBLERS AT L/H AND 2 EA AT R/H I/B WING FLAP COVE UPPER SKIN STIFFENER IAW B300 SIRM 20-10-00, 20-50-02, 20-50-03 AND 20-50-05.
13. INSTALLED NEW L/H ENGINE REVERSING ARM CARBON BLOCK P/N A3026 IAW HARTZELL PROPELLER M/M 149, 61-00-00. FUNCTION TEST GOOD.
14. INSTALLED NEW R/H ENGINE REVERSING ARM CARBON BLOCK P/N A3026 IAW HARTZELL PROPELLER M/M 149, 61-00-00. FUNCTION TEST GOOD.
15. REMOVED, INSPECTED, AND REINSTALLED #1 COMM ANTENNA. INSTALLED EROSION TAPE TO THE LEADING EDGE, PERFORMED BOND CHECK AND COMM CHECK IAW B300 AMM CH. 23-10-00-401. NO DEFECTS.
16. REMOVED VHF COMM ANTENNA, P/N 90-384036, S/N 11658. INSTALLED NEW UNIT S/N 11658. OPS CHECKED GOOD IAW B300 AMM CH. 23-10-00-401
17. REPLACED L/H #1 VOR/LOC ANTENNA P/N 100-384125-3, S/N 5171 WITH NEW P/N 100-384125-3, S/N 9685. REPLACED R/H # 2 VOR/LOC ANTENNA P/N 100-384125-3, S/N 5188 WITH NEW P/N 100-384125-3, S/N 9686 IAW KA 300 SERIES M/M 23-00-00 AND 34-40-00. FUNCTION AND LEAK CHECK GOOD.
18. INSTALLED NEW VHF ANTENNA P/N 90-384036 S/N 11658 IAW B300 AMM 23-00-00-201 OP CHECKS GOOD
19. REPAIRED LH ENGINE LOWER COWL ANTI-ICE INLET BY WELDING, WELD REPAIR DONE IAW KA 300 30-20-00-201. INLET REMOVAL AND INSTALLATION PERFORMED IAW KA 300 SRM 20-50-03-201 AND KING AIR COMMUNIQUE NO 2001-01 PG 11.
20. INSTALLED NEW RH AFT COWL FORWARD BULKHEAD PN 101-910116-9 IAW KA 300 SIRM 20-50-00, 20-50-01, 20-50-02, 20-50-03 20-50-05.
21. INSTALLED NEW LH AFT COWL FWD BULKHEAD IAW KA 300 SIRM, 20-50-01, 20-50-02, 20-50-05.
22. REPLACED RIB ASSY. PN 99-980000-391 IAW SIRM 20-50-00, 20-50-01, 20-50-02, 20-50-03, 20-50-05.
23. REPLACED ANGLE RH WING TO NACELLE INTERSECTION PN 101-980047-2 IAW KA 300 SIRM, 20-50-02, 20-50-03
24. REPLACED ANGLE LH WING TO NACELLE INTERSECTION PN 101-980047-1 IAW KA 300 SIRM, 20-50-02, 20-50-03
25. REPLACED PILOTS WINDSHIELD P/N 101-384025-21, S/N 99084H3319 WITH NEW P/N 101-384025-23, S/N 12157H9705 USING STRESS FREE INSTALL KIT P/N 101-5041-3S, S/N 32475 IAW KA 300 SERIES M/M 56-10-00. FUNCTION AND LEAK CHECK GOOD.
26. REPLACED COPILOTS WINDSHIELD P/N 101-384025-22, S/N 98313H2768 WITH NEW P/N 101-384025-25, S/N 13084H0879 USING STRESS FREE INSTALL KIT P/N 101-5041-3S, S/N 32500 IAW KA 300 SERIES M/M 56-10-00. FUNCTION AND LEAK CHECK GOOD.
27. REPLACED STATIC WICKS P/N 101-380053-21 WITH NEW ON R/H WING #2,3,4, AND 5 ON L/H WING #1,2,3, AND 4 AND ON R/H ELEVATOR #2, AND 3 IAW KA 300 SERIES M/M 20-10-00 AND 23-60-00. BOND CHECK GOOD.
28. REPLACED STATIC WICKS P/N 101-380053-11 ON THE R/H WINGLET REPLACED WITH NEW STATIC BASE P/N 82B001-31 AND IAW KA 300 SERIES M/M 20-10-00 AND 23-60-00. BOND CHECK GOOD.
29. INSTALLED NEW MAIN ENTRY DOOR SEAL P/N 50-430061-27 IAW 52-10-00-201. LEAK AND OPS CHECK GOOD.
30. INSTALLED NEW L/H STORM WINDOW P/N 101-420122-59, S/N 7495 AND STORM WINDOW SEALS P/N 101-420122-7, 50-420083-27 IAW B300 MM 56-10-00-201. LEAK CHECK GOOD.
31. POLISHED AND REPAIRED THE OUTER SURFACES OF THE L/H D-WINDOW, L/H CABIN WINDOWS 1, 2, 3, 4, 6 AND 7, R/H D-WINDOW, R/H STORM WINDOW, R/H CABIN WINDOWS 4, 5, AND 8, AND THE R/H AFT BAGGAGE WINDOW. REPAIR AND SERVICEABLE THICKNESS MEASUREMENTS ACCOMPLISHED BY TRIUMPH AEROSPACE SYSTEMS, CRS# YLIR863L IAW B300 MM CHAPTER 56. INSTALLED REMOVED R/H STORM WINDOW IAW B300 MM M 56-10-00 AND 56-15-00. CABIN PRESSURIZATION CHECK GOOD.
32. INSTALLED NEW R/H NOSE AVIONICS PRESSURE FLOOR GASKET P/N MCOF69030-49 IAW B300 MM 20-10-00-201. LEAK CHECK GOOD.
33. REPAIRED AIR CONDITIONING SYSTEM BY REPLACING A/C COMPRESSOR P/N OFF/ON 101-555211-7 S/N ON 09201225ICT, A/C BELT P/N FK275, RECEIVER DRYER P/N 101-384079-5, EXPANSION VALVE P/N 101-384079-5, EVAPORATOR COIL P/N OFF/ON 115-384002-9 S/N ON D13-11128-9, CONDENSER COIL ASSEMBLY P/N OFF/ON 101-384003-7 S/N ON L12-10676-5, EVAPORATOR COIL P/N OFF/ON 101-384024-5 S/N ON E13-11142-7, EXPANSION VALVE P/N OFF/ON 031134-307, SERVICED SYSTEM WITH POE 100 OIL AND 8.2 LBS OF R134A. WORK IAW B300 MM 21-50-00 & 12-10-00. SYS OPS AND LEAK CHECK GOOD **BELT TENSION CHECK DUE AT 4233.5 TT.**
34. INSTALLED NEW CABIN OUTFLOW VALVE GASKET P/N 101-540023-1 IAW B300 MM 21-30-00-201. LEAK CHECK GOOD.
35. REMOVED RUDDER TO FACILITATE PAINT. BALANCED AND REINSTALLED RUDDER IAW B300 MM 55-40-00-201 AND 27-20-00-201.
36. INSTALLED NEW R/H ENGINE INBD UPPER ISOLATOR MOUNT, FWD HALF P/N 114-389031-7 IAW B3000 MM 71-00-00.
37. FABRICATED AND INSTALLED AN INSERTION PATCH IN R/H O/B FLAP LOWER TRAILING EDGE SKIN. FILLER WAS CUT FROM NEW SKIN PANEL P/N 35-1-165051-10U AND DOUBLERS FROM 2024-T3 .020" ALUMINUM. ALL WORK IAW B300 SIRM 20-10-13, 20-50-00, 20-50-01, 20-50-02, 20-50-03, 20-50-05 AND MM 20-08-00.
38. INSTALLED 2 EA NEW LIGHT TRAYS IN FORWARD PARTITION ORDINANCE SIGN IAW B300 MM 33-20-00. OPS CHECK GOOD.
39. INSTALLED PIN HOLE PATCH (GOODRICH KIT 74-451-AE) TO R/H HORIZONTAL STAB DE-ICE BOOT IAW CMM 30-10-31. LEAK & OPS CHECKED OK.



SERVICES

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Wichita, Kansas 67209  
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Fax: (316) 671-3279

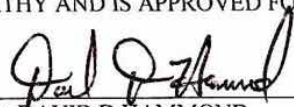
FAA Certified Repair Station BWVR672C  
EASA Certified Repair Station No. 145.5086

- 40. REPLACED NOSE LANDING GEAR STEERING LINKAGE HARDWARE P/N'S 105740X-ZV0312 (4EA), 105739X-YL1866, 130909B87 (2 EA), 130909N7 (2 EA) IAW MM 32-50-00. OPS CHECKED OK.
- 41. REPLACED INBD SAFETY VALVE P/N 118-A0168 S/N 103648-15 WITH NEW VALVE S/N 44-A0328 IAW MM 21-30-00-201. OPS AND LEAK CHECKED OK.
- 42. ADJUSTED L/H & R/H ENGINE MAX REVERSE TO WITHIN ACCEPTABLE LIMITS IAW MM 76-00-00.
- 43. REPLACED TAIL CONE END CAP P/N 101-440039-13 WITH NEW END CAP IAW SIRM 20-10-08.
- 44. REPLACED R/H ELEVATOR P/N 130-61-0000-602 S/N 706 WITH NEW ELEVATOR S/N 0828130ICT. PAINTED ELEVATOR WHITE, AND BALANCED AFTER PAINT IAW MM 27-30-00 & 55-20-00. VERIFIED TRIM TAB TRAVELS AND OVERALL ELEVATOR TRAVELS TO BE WITHIN ACCEPTABLE LIMITS. OPS CHECKED OK.
- 45. REPLACED L/H PROP DE-ICE BRUSH BLOCK ASSEMBLY P/N 71-668-099-00 WITH NEW BRUSH BLOCK ASSEMBLY S/N N1306045 IAW MM 30-60-00-201. OPS CHECKED OK.
- 46. REPLACED L/H PROP DE-ICE BRUSH BLOCK ASSEMBLY P/N 71-668-099-00 WITH NEW BRUSH BLOCK ASSEMBLY S/N N13233131 IAW MM 30-60-00-201. OPS CHECKED OK.
- 47. REPLACED L/H WING LEADING EDGE P/N 130-170000-7U WITH NEW LEADING EDGE IAW MM 12-10-00, 30-10-00-201, 27-31-00-201 AND SIRM 20-50-02 & 20-50-03. OPS CHECKED OK.
- 48. REPLACED L/H WING OTBD LEADING EDGE WING DE-ICE BOOT P/N 101-380001-31 AND STALL STRIP P/N 130421-011-00 WITH NEW BOOT S/N NBJ8790 AND STALL STRIP IAW MM 12-10-00, 30-10-00-201, 27-31-00-201 AND SIRM 20-50-02 & 20-50-03. OPS AND LEAK CHECKED OK.
- 49. REPLACED R/H WING OTBD DE-ICE BOOT P/N 101-380001-32 S/N NBB9310 IAW MM 12-10-00, 30-10-00-201 AND SIRM 20-10-03-201. OPS AND LEAK CHECKED OK.
- 50. RE-KEYED NOSE AVIONIC DOORS AND AFT EQUIPMENT BAY DOOR LOCKS IAW MM 52-10-00. OPS CHECKED OK.
- 51. INSTALLED VENTRAL FIN TIE DOWN DOUBLER FABRICATED FROM .025 2024-T3 ALUMINUM FROM PO 4504097057 IAW MM 20-10-00, 20-30-00, 20-50-00, 20-50-02 AND 20-50-05.
- 52. INSTALLED R/H WING SKIN DOUBLER 6" AFT OF TOP FWD WING BOLT FITTING FABRICATED FROM .040 2024-T3 ALUMINUM FROM PO 611457A3 IAW MM 20-10-00, 20-30-00, 20-50-00, 20-50-02 AND 20-50-05.
- 53. REPLACED FWD DIVIDER 'NO SMOKING' ORDINANCE SIGN LIGHT TRAY P/N 1202-300 WITH NEW LIGHT TRAY IAW MM 33-20-00. OPS CHECKED OK.
- 54. INSTALLED NEW CABIN WINDOWS P/N 101-430183-5 LH #5 WINDOW S/N 9646 31 RH S/N 9585 RH #2 S/N 9582 RH #3 S/N 9620 RH # 6 S/N 9613 RH #7 S/N 9574 ALL WINDOWS INSTALLED WITH NEW RETAINER PN 50-440014-41 AND SEAL PN 101-440042-3. NEW LEFT BAGGAGE WINDOW INSTALLED PN 101-440042-3 S/N2795 IAW B300 AMM 56-20-00 LEAK CHECK GOOD.
- 55. INSTALLED NEW BELLY PANEL SEAL P/N DEC1806 1IN IAW B300 AMM 21-30-00. OP CHECKS GOOD.
- 56. REPLACED WITH NEW ALL CABIN SEAT HYDRO LOCKS P/N SLO2300 IAW KA 300 SERIES M/M 25-20-01FUNCTION CHECK GOOD.
- 57. INSTALLED NEW POST LIGHT P/N A8970B-327 ON ULTRA-QUIET PANEL IAW B300 MM 33-10-00. OPS CHECK GOOD.
- 58. REPLACED MPU FAN, P/N 101-341779-33, NSN, WITH A NEW UNIT. SYSTEM OPS CHECKED GOOD IAW B300 AMM CH. 34-01-00-201.
- 59. REMOVED VHF #1, P/N 622-6152-011, S/N 38723. INSTALLED OVERHAULED UNIT, S/N 37184. UNIT WAS OVERHAULED BY ROCKWELL COLLINS, CRS# NZ2R049L. SYSTEM OPS CHECKED GOOD IAW B300 AMM CH. 23-1000-401.
- 60. REMOVED AIR DATA SENSOR P/N 622-5797-001 S/N IGMCD, AND INSTALLED SENSOR P/N 622-5797-001 S/N 3115. UNIT WAS OVERHAULED BY ROCKWELL COLLINS, CRS# NZ2R049L. SYSTEM OPS CHECKED AND LEAK CHECKED GOOD IAW B300 AMM 34-00-00, AND FAR 91.411.

FOR DETAILED DESCRIPTION OF ALL WORK PERFORMED, REFERENCE THE HAWKER BEECHCRAFT SERVICES WORK ORDER LISTED IN LOGBOOK ENTRY HEADER ABOVE.

I CERTIFY THAT THE ABOVE INSPECTION / MAINTENANCE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS. ALL INSPECTIONS WERE PERFORMED IN ACCORDANCE WITH FAR 91.409(f) (3) AND THE AIRCRAFT / COMPONENT IDENTIFIED ABOVE ARE PRESENTLY AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.

Hawker Beechcraft Services  
CRS# BWVR672C  
EASA CERTIFIED REPAIR STATION 145.5086

  
Name: DAVID D HAMMOND  
Title: Inspector

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PROP BALANCE

11/11/00

INSI

WO# 2514703  
Reg# N245GA  
Hobbs: 2369.4  
ATT: 4189.6

Date: 2/21/2014  
Aircraft SN: FL-254  
ATC: 4136



Elliott Aviation of the Quad Cities, Inc.  
Quad City Airport  
PO Box 100  
Moline, IL 61266-0100

### Airframe Log Entry

#### Special Inspection

- \* Complied with Special Inspection #21 - 2000 Hour/4 Year Edge lighted panel assembly inspections in accordance with Beechcraft Corporation King Air B300 Series Maintenance Manual Chapter 33-10-00-201. Installed new light bulbs P/N D158-100-5 as required. Function checked normal at this time.
- \* Complied with Special Inspection #56 - 12 month pilot's fuel control panel, lower side lighted panel and copilot's circuit breaker panel inspection in accordance with Beechcraft Corporation King Air B300 Series Maintenance Manual Chapter 33-10-00. Installed new bulbs P/N D158-100-5 as required. No further discrepancies noted. Operational check normal at this time.
- \* Complied with Special Inspection #29 - 24 month recertification of static system, altitude reporting, altimeters, and transponders per 14CFR 91.411, 91.413 and Part 43 appendix E paragraph (a), (b) and (c) and appendix F. See alternate log entry for details.

#### Airworthiness Life Limited

- \* Complied with Special Inspection #37 - 15 year wing bolt replacement on both left and right wings by installing all new wing bolts and nuts in accordance with Hawker Beechcraft King Air B300 Series Airworthiness Limitations Manual Chapter 04-00-00-001 and Structural Inspection And Repair Manual Chapter 57-18-01 and Maintenance Manual Chapter 5-20-05 and 57-00-00-201. Retorque of all wing bolts is due at next scheduled inspection. Reference Elliott Aviation Non-Destructive Testing Report No: 11-029 for all NDT work performed on aircraft signed by Brian McKenzie CRS# CGHR812C, dated 01/23/2014 for details. Completed all 12 month Hr. lubrication requirements of upper forward wing bolts in accordance with Beechcraft Corporation King Air B300 Series Maintenance Manual, Chapter 12-20-00.

#### Modification & Refurbishment

- \* 1. Aircraft repainted in accordance with Elliott Aviation of the Quad cities, Exterior Paint Refurbishment General Procedures Manual and Specialized Paint Process Document for Beech Model 350 (B300) King Air. Exterior paint colors are:
  - \*\* Base coat: Akzo Nobel "Matterhorn White" 4200-G-35.
  - \*\* First stripe: Acry Glo "Silver Platinum Metallic" H10656.
  - \*\* Second stripe: Acry Glo "Dark Caramel Metallic" H10686.
  - \*\* Landing gear, wheels and wells: Akzo Nobel "Matterhorn White" 4200-G-35.
- 2. All flight controls removed, balanced checked, and reinstalled, as applicable, referencing the current and applicable maintenance manual instructions. Installed new flight control hardware as required.
- 3. All applicable exterior placards replaced.
- 4. Lubricated and cycled gear through three fault free cycles.
- 5. Registration number "N254JL" painted on aircraft using "Dark Caramel Metallic" shadowed with "Silver Platinum Metallic" and installed new radio call sign on instrument panel. Covered new registration numbers with vinyl covering and radio call sign with temporary placard using original registration. The vinyl covering and temporary placard should be removed upon approval of new registration and receipt of new Airworthiness Certificate.
- 6. Performed RVSM region/static port step check in accordance with G1000/GFC700 System Maintenance Manual 190-00716-01. No discrepancies noted at this time. This aircraft has had new avionics equipment installed and is a recent purchase. A current RVSM "Letter of Authorization" does not exist at this time.
- 7. Applied new radome ( PM-21 ) and tail bullet ( PM-22 ) as applicable.
- 8. Edge sealed windows using AC 251.
- \* Installed Garmin International, Inc. G1000 Integrated Flight Deck with GFC 700 Autopilot with Platinum Package in accordance with STC SA01535WLD. The following third party LRU's have been interfaced and certified as approved optional equipment to the installed STC SA01535WLD: Installed Rockwell Collins Converter RAC-870, TSO C87, DO-160A, and interfaced to existing Rockwell Collins Radio Altimeter ALT-50A, TSO C87, DO-160A. The existing Radio Altimeter and Converter were installed on existing shelf under the center isle floor boards at F.S. 284.3. Interfaced existing #1 Rockwell Collins DME-42 System, TSO C66b. The DME is installed in the non-pressurized tail section on the existing lower factory honeycomb equipment shelf at F.S. 398.0. Interfaced existing L-3 Communications SKY899 SKYWATCH Traffic Alert/Advisory System, FAA TSO's C147 (TAS Class A) and C118, to Garmin International, Inc. G1000 Integrated Flight Deck in accordance with GARMIN International STC# SA01535WLD. Installed Garmin GSR-56 Satellite Receiver System (TSO C87, DO-160A), with Iridium Antenna P/N CI 490-22 (TSO C144a, DO-160E) and GDL-59 Datalink Receiver (TSO C87, DO-160A), with WIFI Antenna P/N S65-5366-715 (TSO C66, C74c, DO-160C/E). Installed Deklin Technologies DT-100 Phone Handset, DO-160E in the right mid ship pyramid cabinet at F.S. 232.0. This system provides worldwide access to datalink aviation weather along with Iridium Satcom voice and text capability. NOTE: MINOR DEVIATION: Installed aft bulkhead patch and connector installations in the Aft Pressure Bulkhead in accordance with Elliott Aviation Technical Products Inc., Drawing Number 104-3480-M0788-000 Rev. IR dated 01/07/2014. Reference FAA Form 8110-3 dated 01/14/2014, signed by Timothy A. Wolff, DERT-410167-CE and Structural Substantiation Report Number 13-2314-1, Rev. (-) dated 01/14/2014. All Structural work done in accordance with Hawker Beechcraft King Air B300 Series Maintenance Manuals and acceptable methods contained in AC 43.13-2B, Change 2, Chapters 1, 2, and 3. The FAA Approved Flight Manual Supplement for the G1000 Integrated Avionics System and GFC 700 AFCS P/N-190-00716-03, Rev. 3 dated November 16, 2012 was placed in the Pilot's Operating Handbook and must be available to the pilot at all times. The aircraft was weighed, weight & balance data, equipment list and airframe logbooks were revised to reflect this installation. Reference the Supplemental Equipment List for all equipment installed, removed and locations. The maintenance manual supplement, Garmin G1000 / GFC 700 System Maintenance Manual (Model 300/B300 King Air) P/N-190-00716-01, Rev. 3 dated June 4, 2013. This document includes the INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. The INSTRUCTIONS FOR CONTINUED AIRWORTHINESS is part of the aircraft's inspection and/or maintenance program. Reference FAA Form 337 for details.
- \* Installed AirCell® ATG 5000 Air-To Ground Telecommunication System in accordance with ATG 5000 Installation Manual # D13928 Rev G dated 01/20/2014 or latest revision and AirCell® Antenna Installation Manual # 800-10355 Rev C dated 8/2008 or latest revision. The system includes: One (1) AirCell® ATG 5000 Processor (P/N P15864-001), One (1) AirCell® Axxess Cabin Telecommunications Router (CTR) ( P/N P12083), One (1) AirCell® Aircell Configuration Module (P/N P14126), One (1) AirCell® ATG 5000 Processor Mounting Tray ( P/N P14291), and Two (2) Comant ATG Antenna (P/N CI 5500). Installed Aircell ATG-5000 Processor with tray and Aircell Configuration Module (ACM) on existing lower avionics equipment shelf in aft fuselage at F.S. 399.0 in accordance with Elliott Aviation Technical Products Inc., Drawing Number 104-3480-M0799-000 Rev. IR dated 01/07/2014. Reference FAA Form 8110-3 dated 02/07/2014, signed by Derrick Seys, DERT-510359-SW and Structural Substantiation Report Number SSR-3480-0111 Rev. IR dated 01/14/2014. Fabricated and installed equipment shelf under center isle floor boards at F.S. 215.0 for mounting of the Aircell ATG-5000 Axxess Cabin Telecommunications Router in accordance with Elliott Aviation Technical Products Inc., Drawing Number 104-3480-M0111-002 Rev. IR dated 01/07/2014. Reference FAA Form 8110-3 dated 02/07/2014, signed by Derrick Seys, DERT-510359-SW and Structural Substantiation Report Number SSR-3480-0111 Rev. IR dated 01/14/2014. NOTE: WIFI CAPABILITIES ARE NOT ACTIVATED. Placarded Cockpit WIFI On/Off Annunciator: "ATG / WIFI Inoperative". Installed Aircell ATG 5000 forward Antenna P/N CI 5500 on inspection panel aft of F.S. 95.0 in accordance with Elliott Aviation Technical Products Inc., Drawing Number 104-3480-M0111-000 Rev. IR dated 01/07/2014 and installed AFT Aircell ATG 5000 Antenna P/N CI 5500 at F.S. 335.9 in accordance with Elliott Aviation Technical Products Inc., Drawing Number 104-3480-M0111-001 Rev. IR dated 01/07/2014. Reference FAA Form 8110-3 dated 01/14/2014, signed by Timothy A. Wolff, DERT-410167-CE and Structural Substantiation Report Number 13-2314-1 dated 01/14/2014. Structural work done in accordance with Hawker Beechcraft King Air B300 Series Maintenance Manuals and acceptable methods contained in AC 43.13-2B, Change 2, Chapters 1 & 2. Weight and balance data, equipment list and airframe logbooks revised to reflect this installation. Reference supplemental equipment list for all locations, part numbers and serial numbers removed or installed. Reference Elliott Aviation, Inc. Instructions for

WO# 2514703      Date: 2/21/2014  
Reg# N245GA      Aircraft SN: FL-254  
Hobbs: 2369.4  
ATT: 4189.6      ATC: 4136



Airframe Log Entry

Modification & Refurbishment

- Continued Airworthiness No. ICA-3480-111, Rev. IR. for the Aircell 5000 Air-To Ground Telecommunication System. Reference FAA Form 337 for details.
- \* Removed L-3 Communications PS-835D Emergency Power Supply. Installed Mid-Continent Instrument Company, Inc. MD-835 series Emergency Power Supply, TSO C179a, RTCA DO-160F & DO-160G. Performed installation in accordance with Mid-Continent Instrument Company, Inc., STC SA02075SE, dated September 10, 2010. This installation of the MD-835 Lithium Ion Battery was also performed in accordance with AeroMech Master Data List AM0229-DL02-00, dated September 10, 2010 and Installation Manual 9016798 Rev. K, dated January 14, 2014. NOTE: MINOR DEVIATION: Installed Vivisun standby battery test annunciator P/N LED-42-12-BB-E0YJ7 in cockpit instrument panel. All Structural work done in accordance with Hawker Beechcraft King Air B300 Series Maintenance Manuals and acceptable methods contained in AC 43.13-2B, Change 2, Chapters 1, 2, and 3. Inserted FAA Approved Airplane Flight Manual Supplement document AM0229-FM01-00 Rev. A, dated February 21, 2013 into Pilot's Operating Handbook. This document is required and must be on board at all times. Reference Mid-Continent Instrument Company, Inc. Instructions for Continued Airworthiness document AM0229-IC01-00 Rev. A, dated January 10, 2013, or later revision. Reference FAA Form 337 for details.
  - \* Installed KGS Electronics 60HZ 115 Volts AC Static Inverter Model SS-50, FAA TSO C73, DO-160A and four A/C outlet assemblies P/N 115 Volt A/C Outlet in accordance with KGS Installation Manual 110106 Rev N dated February 18, 2010. Fabricated and installed shelf extension under center aisle floor boards @ F.S. 406.0 and installed KGS Electronics Model SS-50 Inverter on shelf in accordance with Elliott Aviation Technical Products Inc., Drawing Number 104-3480-M0799-000 Rev. IR dated 01/07/2014. Reference FAA Form 8110-3 dated 02/07/2014 signed by Derrick P. Seys, DERT-510359-SW and Structural Substantiation Report Number SSR-3480-0111, Rev. IR dated 01/14/2014. Installed four outlets in cabin area below each card table. All Structural work done in accordance with Hawker Beechcraft King Air B300 Series Maintenance Manuals and acceptable methods contained in AC 43.13-2B, Change 2, Chapters 1, 2, and 3. Reference Elliott Aviation, Inc. Instructions for Continued Airworthiness No. ICA-3259-682, Rev. IR. for the KGS Electronics AC Static Inverter Model SS-50. Reference FAA Form 337 for details.
  - \* Installed repaired cockpit overlay panels P/N's 130-364052-623, 130-320037-1, 101-320318-31, 130-034035-3, 101-364623-19, 130-320032, 130-322010-1, 101-524500-1, 130-322007-1, 101-524698-27, 101-320229, 130-364073-1, and 90-524013-1. (Reference Air Capitol Dial, Inc., CRS# C64R675N, Wichita, KS, FAA Form 8130-3 dated 11/13/2013, 11/14/2013, 11/15/2013, and 11/26/2013 Work Order 116901, 116587, and 116591). Function checked cockpit backlighting and found normal operation. Panels engraved to reflect new circuit breaker labeling.
  - \* Removed aircraft interior including seating, headliners, cabinetry, galley, window lines, sidewalls, surrounds, lavatory, carpeting, fuselage baggage compartment panels and other items for refurbishing as required. Reinstalled interior and installed placards as required. All work was accomplished with reference to the Manufactures Maintenance Manuals, Elliott Aviation Technical Products Development, Inc. process specs (EPS) and 14 CFR Part 23.853 as applicable (actual tests were to Part 25.853).

The following materials used were sent to CC Aviation for flammability testing as required in accordance with 14 CFR 25.853(a) Appendix F, Part I (a) as applicable. Reference Certificates of Flammability Testing approved by Carol Ann Carter.

- > CREW SEAT TRIM, LAVATORY AND CABIN SEATS, Test Report No. 50376 Dated 12/10/2013.  
(Leather: 1500053 Ambassador Porcelain Order No. ORD31568 from Wollsdorf, Ltd.)  
(Foam: DAX26.5 Lot # 04060-D26 from Skandia)  
(Adhesive: 3M Neoprene Contact Adhesive)
- > CREW SEAT INSERTS, Test Report No. 50188 Dated 12/10/2013.  
(Sheepskin: Shearling SHR-4391 Lt. Silver Curly Lot # 224320 from Perrone)  
(Foam: DAX26.5 Lot # 04060-D26 from Skandia)  
(Adhesive: 3M Neoprene Contact Adhesive)
- > CABIN HEADLINERS, Test Report No. 50186 Dated 12/10/2013.  
(Ultraleather: Heron IZIT Enhanced A Lot # FRKA-22-2937 from Willowtex)  
(Aluminum: .32 2024T3.040 P.O. # 109660 from AMI Metals) (Similarity)  
(Adhesive: 3M Neoprene Contact Adhesive & Neoprene High Performance Adhesive)
- > CABIN WINDOW PANELS, Test Report No. 50187 Dated 12/10/2013.  
(Ultraleather: Heron IZIT Enhanced A Lot # FRKA-22-2937 from Willowtex)  
(Foam: SKIV3.125 Lot # F1414-IV3 from Skandia)  
(Composite: ATR-FP-251F2 Order No: 11220 from AAR Precision Systems) (Similarity)  
(Adhesive: 3M Neoprene Contact Adhesive & Neoprene High Performance Adhesive)
- > COCKPIT LOWERS, Test Report No. 50190 Dated 12/10/2013.  
(Leather: 1500053 Ambassador Porcelain Order No. ORD31568 from Wollsdorf, Ltd.)  
(Foam: AHC 1/4" P/N 133452 from Buckley Industries)  
(Composite: ATR-FP-121F2 Order No: 11427 from AAR Composites) (Similarity)  
(Adhesive: 3M Neoprene Contact Adhesive)
- > UPPER ACCENT, Test Report No. 50377 Dated 12/19/2013.  
(Fabric: Textus Mangrove Reed P.O. # 117157-COM from Momentum Group)  
(Foam: SKIV3.125 Lot # F1413-IV3 from Skandia)  
(Composite: ATR-FP-121F2 Order No: 11427 from AAR Precision Systems) (Similarity)  
(Adhesive: 3M Neoprene Contact Adhesive)
- > MIDDLE ACCENT, Test Report No. 50189 Dated 12/10/2013.  
(Ultraleather: Cashew ISIT Enhanced Lot # 8ET-07-504 from Willowtex)  
(Foam: SKIV3.125 Lot # F1413-IV3 from Skandia)  
(Composite: ATR-FP-121F2 Order No: 11427 from AAR Precision Systems) (Similarity)  
(Adhesive: 3M Neoprene Contact Adhesive)
- > LOWER ACCENT & CABIN LOWERS, Test Report No. 50205 Dated 12/11/2013.  
(Leather: 1500053 Ambassador Porcelain Order No. ORD31568 from Wollsdorf, Ltd.)  
(Foam: SKIV3.125 Lot # F1413-IV3 from Skandia)  
(Composite: ATR-FP-251F2 Order No: 11220 from AAR Composites) (Similarity)  
(Adhesive: 3M Neoprene Contact Adhesive)
- > BAGGAGE LOWER SIDEWALL, Test Report No. 50206 Dated 12/11/2013.  
(Leather: 1500053 Ambassador Porcelain Order No. ORD31568 from Wollsdorf, Ltd.)  
(Foam: SKIV3.125 Lot # F1413-IV3 from Skandia)  
(Aluminum: .032 2024T3.032 P.O. 109660 from AMI Metals) (Similarity)  
(Adhesive: 3M Neoprene Contact Adhesive)
- > TABLE LEAF & GALLEY FACE, Test Report No. 50425 Dated 12/25/2013.

217/148  
6  
C...y (Canada)

WO# 2514703      Date: 2/21/2014  
Reg# N245GA      Aircraft SN: FL-254  
Hobbs: 2369.4  
ATT: 4189.6      ATC: 4136



Elliott Aviation of the Quad Cities, Inc.  
Quad City Airport  
PO Box 100  
Moline, IL 61266-0100

**Airframe Log Entry**

**Modification & Refurbishment**

(Laminate: Windsor Mahogany 7039-01 P.O. # 073586-COM from Compi Distributors, Inc.)  
(Composite: ATR-FP-371F2 Order No: 11138 from AAR Composites) (Similarity)  
(Adhesive: 3M 1357L)  
> UPPER ACCENT, Test Report No. 51060 Dated 2/10/2014.  
(Fabric: Textus Mangrove Reed P.O. # 118577-COM from Momentum Group)  
(Foam: SKIV3.125 Lot # F1413-IV3 from Skandia)  
(Composite: ATR-FP-121F2 Order No: 11427 from AAR Precision Systems) (Similarity)  
(Adhesive: 3M Neoprene Contact Adhesive)

Removed the following Seat Belts and sent out to Belt Markers, Inc. for repair (including replacement of webbing) as required. Reference FAA Form 8130-3 from Belt Makers, Inc. Work Order Number 52468R dated December 21, 2013.

8 - (R/H) 3 PT. ASSY. W/I-REEL P/N 504238-403-8096  
1 - 4 PT. ASSY. W/I-REEL P/N 504247-404-8096  
1 - 4 PT. ASSY. W/I-REEL P/N 504247-403-8096  
1 - LAV BELT W/RETRACTOR P/N 504241-401-8096  
Installed seat belts and hardware where previously removed.

Installed new cabin carpeting from Redrock; Granite 80 with a Twist Color 1001-1025 RRC-3356. Reference Certificate of Flammability Testing from Carol Ann Carter test report number 50287 dated December 14, 2013.

Installed new entryway door step tread P/N STT-4112 (Black 60996) Lot # 1093909 from Perrone Aerospace. Reference Vertical Flammability Test Results from Ship Shape Custom Products, Inc. Test Report 091312 dated September 13, 2012.

- \* Fabricated and installed new right inner baggage window from MRAC 1/8 inch Polycarbonate. Reference Certificate of Flammability Testing report number 49518 from Carol Ann Carter dated October 28, 2013.
- \* Fabricated and installed new left inner baggage window from MRAC 1/8 inch Polycarbonate. Reference Certificate of Flammability Testing report number 49518 from Carol Ann Carter dated October 28, 2013.
- \* Fabricated and installed pedestal storage box from 2024-T3 .040 aluminum and assembled using MS1097 4-x rivets in accordance with Beechcraft Corporation King Air B300 Series Structural Inspection and Repair Manual Chapter 20-50-02.
- \* Weighed aircraft using Evergreen Weigh System Model # JP15000-3 S/N L1248B. Scales due for calibration 10/14/2014. Reference Supplemental Checklist for Weighing Aircraft R1 and new weight and balance form in the Pilots Operating Handbook dated 02/18/2014. The new aircraft empty weight is 9526.0 lbs. including drainable unusable fuel, the new center of gravity is 202.91, and the new Moment is 1932914.20. Reference the Pilots Operation Handbook P/N 130-590031-71 Revision B10 Dated February 2007 for weighing instructions.

**Maintenance Action**

- \* Inspected air conditioning system. Connected R-134 cart to air conditioning system. Vacuumed and leak checked. No faults found. Charged system with 8.20 lbs of R-134 refrigerant in accordance with Beechcraft Corporation King Air B300 Maintenance Manual Chapter 12-20-00. Functional test on post run, no discrepancies noted at this time.
- \* Installed new Elliott Aviation Sound Management System #8 Speaker P/N 20E11101 (8-800-51-033) S/N 120394 in accordance with Sound Management System Installation Instructions Document No. EA-20E Rev. D, dated 07/09/1996 and STC# SA483CH.
- \* Installed 14 new recessed cabin headliner lids P/N 101-531080-5.
- \* Installed 13 new flat cabin headliner lids P/N 101-531080-7.
- \* Removed armrest assemblies P/N 1292-601 from left number 2, right number 1 and 3 cabin seats. Removed armrest assemblies P/N 1292-602 from left number 3, right number 2 and 4 cabin seats. Installed repaired armrest assemblies on the following cabin seats:  
Right number 1 P/N 1292-601, S/N 61403, Right number 2 P/N 1292-602, S/N 61408, Right number 3 P/N 1292-601, S/N 61404, Right number 4 P/N 1292-602, S/N 61407, Left number 2 P/N 1292-601, S/N 61405, Left number 3 P/N 1292-602, S/N 61406. Reference FAA forms 8130-3 from Aviation Fabricators work order number 006308-12-2013 dated December 19, 2013.
- \* Installed new tilt lock pin P/N 101-530994-3 on pilots seat.
- \* Installed new rod P/N 101-531219-21, pin P/N MS20392-1C25, extension spring P/N 100942HO116-43, slide P/N 101-531329-1, two screws P/N MS24693-551, and retainer P/N 101-531199-19 on the lavatory seat.
- \* Installed new propeller deice ammeter P/N 101-384222-5 S/N J13-10812 in accordance with Beechcraft Corporation King Air B300 Series Maintenance Manual Chapter 39-10-00-201. Completed all required function checks; no discrepancies noted at this time. Reference FAA Form 8130-3 from Beechcraft Corporation, dated 02/13/2014 for details.
- \* Connected ACES Dynamic Propeller Balance equipment P/N 2015, S/N 01038 to both left and right engine/ propeller. Ran engine and completed prop balance. Left engine/propeller final IPS out of balance is (.05). Right engine/propeller final IPS is (.05) IPS. Reference User Manual for the ACES Model 2015 Prop Balancer, S/N 01038.

I certify this Aircraft is in airworthy condition with respect to the maintenance performed. All maintenance performed referencing the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 2514703.

Signed

  
Jason D Staver For

for Elliott Aviation of the Quad Cities, Inc. CGHR812C EASA 145.5686

# Airframe Log Entry



Date	Hobbs	Reg.	Type	S/N	TT	LDGS
3/23/14		N245GA	KA-350	FL-254	4208.3	4156

1. Removed O2 cylinder assy. O2 regulator was removed and installed on a repaired O2 bottle P/N 176401-77 S/N ALT281-19861 by Safetech CRS# WV1R599K under WO# AH75296. Reinstalled O2 bottle assy. IAW B300 M/M 35-00-00. Op's and leak check good. Next hydro due: 3/19, Cyl exp: 08/22.
2. Removed L/H and R/H MLG brake hoses and installed new hoses that were manufactured by Falcon Crest under WO# 81693. Bled brakes and serviced reservoir. Work performed IAW B300 M/M 32-40-00. Op's and leak check good.
3. Removed L/H and R/H engine flammable fluid hoses. Installed new hoses that were manufactured by Falcon Crest under WO# 81693. Serviced engines with 2380 oil as required. Work performed IAW B300 M/M 71-00-00. Op's and leak check good.
4. Inspected L/H and R/H wing center section upper bonded panels IAW B300 M/M 51-00-00. No discrepancies noted.
5. Inspected dual aft body strakes and nacelle wing lockers IAW Raisbeck M/M. No discrepancies noted.
6. Visually inspected L/H and R/H wing upper and lower forward spar caps. No discrepancies noted.
7. Lubed L/H and R/H MLG down lock hooks and pins IAW B300 M/M 12-20-00.
8. Found A/C system empty. Removed leaking high pressure line at A/C compressor and installed a new line P/N 130-555013-9. Repaired loose connection at aft expansion valve. Removed receiver/dryer and installed installed a new dryer P/N 101-384079-5. Evacuated system and serviced with R-134a Freon. Work performed IAW B300 M/M 21-50-00 and 12-20-00. Op's and leak check good.
9. Removed nose wheel assy P/N 3-1481 S/N 4711 and reinstalled after a new tire P/N 265F86-8 S/N 23572310 was installed by Falcon Crest Acc. CRS# GP2R854K under WO# 68059 IAW B300 M/M 32-40-00. Op's and leak check good.

I certify that the maintenance operations described above were inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service. All work performed IAW Beech KA 350 M/M.

Roy Hoefar      A&P 461898475

### Aircraft Maintenance Record

Mfr: RAYTHEON    M/N: B300S/N: FL-254

Tail Number: N245GA    TT:                      Ldgs:  
Reference W.O: 17913                                      Date: 04/21/2014

Installed Repaired Exchange ATG 5000 P/N P15864-001 S/N 1586411040 in accordance with Aircell ATG 5000 installation manual D13928 Rev A Nov 2009

The aircraft and/or component listed on this W.O: 17913 was repaired and inspected IAW current FAA regs. and is approved for return to service.

Temple Electronics Co. Inc.                      Date: 04/21/2014  
CRS XD1R608K  
Signed:

Aircraft Maintenance Record

79

Mfr: BEECH M/N: B300 S/N: FL-254  
 Tail Number: N245GA TT: \_\_\_\_\_ Ldgs: \_\_\_\_\_  
 Reference W.O: 18014 Date: 06/02/2014

Aircraft Model \_\_\_\_\_

Reg # \_\_\_\_\_

Perform STC Service Bulletin no. 1342 Rev. A, G-1000 System Software Version 0985.07 for G-1000-equipped Hawker Beechcraft King Air 200/300 Series. Garmin G-1000 Aircraft Flight Manual Supplement 190-00716-03, Rev. 4 required for 0985.07 software.

All work done I.A.W Garmin G-1000 system maintenance manual required for software load and avionics check for King Air 300/B300 series P/N 190-00716-01, Rev. 4, dated February, 2014.

The aircraft and/or component listed on this W.O: 18014 was repaired and inspected IAW current FAA regs. and is approved for return to service.

Temple Electronics Co. inc. Date: 06/02/2014  
 CRS XD1R608K

Signed: Paulson 2591427

DATE			T
Y	M	D	HC

DR'S URE	LICENSE NUMBER



8402 Nelms  
 Houston, TX 77061  
 Ph 713-567-5000  
 Fax 713-645-3288

AIRFRAME LOG ENTRY

Page 1 of 1

<b>MODEL</b>	<b>A/C S/N</b>	<b>A/C REG</b>	<b>WORK ORDER</b>	<b>AC TT</b>	<b>AC TCYC</b>	<b>HR MTR</b>	<b>DATE</b>
B300	FL-254	N254JL	HOU04000444	2492.3	-----	2492.3	8/21/2014

A. MAINTENANCE ACTIONS PERFORMED:

- Installed Hawker Beechcraft Services, Inc. FAA-PMA Kit P/N HIT-300 S/N 106 under STC SA2843SO for installation of ground cooling freon system IAW installation instructions DOC. NO. RAS1106RP001 R1 Dated 06/27/2008. Installed new receiver/dryer P/N: 101-384079-1 with 2 new seals P/N: 3-908N1206-70. Drew a vacuum and serviced the system with 8.2 pounds of R134 IAW B300 M/M Chap. 12-10-00. Performed all system electrical and mechanical checks with no defects noted.
- Complied with Garmin Mandatory Service Bulletin NO: 1445 Rev A** : inspect for signs of contamination and applying loctite to the three baseplate screws and torque screws to the indicated torque specification dated: July 30,2014. Operational check satisfactory IAW Garmin G1000/GFC 700 System Maintenance Manual Hawker Beechcraft Model 300/B300 series King Air P/N 190-00716-01. (Unit GSM-9100 P/N 011-02214-00 S/N 1U5005101)
- Relocated Aircell configuration module and inverter on upper avionics shelf on lower side and relocated DME42 AND Aircell ATG500 WIFI on upper avionics shelf on FWD top side. Installed impact switch on lower shelf FWD of A/C. Installed everything with required inserts and existing hardware. Operational tested system IAW Garmin G1000/ GFC700 System M.M. for King Air 300/B300 190-00716-01.
- Adjusted cabin door lower forward latch pin as required IAW KA B300 M/M Chap. 52-10-00. Removed cabin door switch striker plate and installed new striker plate P/N 50-440012-380 IAW KA B300 SIRM 20-50-03-201.

I certify that with respect to the work performed; this aircraft was repaired and inspected in accordance with current FAA regulations. 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 XA1R605K

Mark Beyer  
 Mark Beyer  
 Title: Inspector



# Airframe Log Entry



Date	Hobbs	Reg.	Type	S/N	TT	LDGS
6/17/14		N254JL	KA-350	FL-254	4278.1	4202

0

1. Removed main battery P/N RG-380E/44K S/N 40589670. Battery was CAP's checked by United Batteries CRS# U9BR618Y under WO# 25782. Reinstalled main battery IAW B300 M/M 24-31-00. Op's check good.
2. Removed L/H engine fire detector loop. Installed a new detector loop P/N 3001-109 IAW B300 M/M 26-10-00. Op's check good.
3. Removed condenser blower motor and installed an overhauled motor P/N AI-BA128A-1 S/N 569 IAW B300 M/M 21-50-00. Op's check good.

I certify that the maintenance operations described above were inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service. All work performed IAW Beech KA 350 M/M.

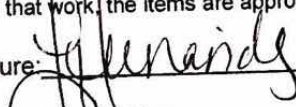


Roy Hoefar      A&P 461898475

### LOG BOOK ENTRY

MFG	Model	Reg. #	S/N:	WO#	A/C Total Time
Beech	King Air B300	N254JL	FL-254	4417	

The above mention aircraft was refurbished as followed: Recovered accent trims with leather style Avion color #2963 Beechnut (DL#: 78394). All materials meet requirements of 14 CFR 25.853 (a) Appendix F, Part 1. Para. (a)(1)(i). Accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. Burn testing information supplied to owner.

Signature: 

Date: August 15, 2014

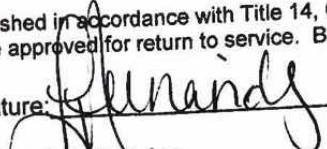
AeroPlus Interiors, Inc.  
 Repair Station #UPOR577L  
 503 McKeever Road #1509  
 Arcola, Texas 77583

### LOG BOOK ENTRY

MFG	Model	Reg. #	S/N:	WO#	A/C Total Time
Beech	King Air B300	N254JL	FL-254	4464	

The above mention aircraft was refurbished as followed: Replaced Polaroid Windows (P/N: A-AP01251411-1F & A-AP01251411-3R) by American Polarizers, Inc.

Accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. Burn testing information supplied to owner.

Signature: 

Date: October 20, 2014

AeroPlus Interiors, Inc.  
 Repair Station #UPOR577L  
 503 McKeever Road #1509  
 Arcola, Texas 77583

## Airframe Log Entry

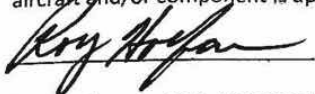


TRIDENT  
M&S SERVICES, LLC

Date	Hobbs	Reg.	Type	S/N	TT	LDGS
8/24/17		N254JL	KA-350	FL-254	4837.9	4660

1. Removed main battery P/N RG-380E/44K S/N 40589670. Battery was CAP's checked by United Batteries CRS# U9BR618Y under WO# 29813. Reinstalled main battery IAW B300 M/M 24-30-01. Op's check good.

I certify that the maintenance operations described above were inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service. All work performed IAW Beech B300 M/M.



Roy Hoefar A&P 461898475

## Airframe Log Entry

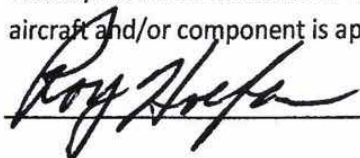


TRIDENT  
M&S SERVICES, LLC

Date	Hobbs	Reg.	Type	S/N	TT	LDGS
10/31/17		N254JL	KA-B300	FL-254	4837.9	4660

1. Performed Phase 3&4 inspections IAW KA B300 M/M 5-21-03 & 5-21-04. Discrepancies were noted and repaired at this time.
2. C/W 200hr inspections of Raisbeck wing lockers. No discrepancies noted.
3. C/W AD 2017-16-01 PARA (G) ELT inspection IAW CFR 91.207d. No discrepancies noted.
4. Checked compliance of AD 2016-11-20. AD is N/A, no PBE installed in aircraft.
5. Performed horizontal and vertical stabilizer inspection. No discrepancies noted.
6. Performed cockpit and cabin fire extinguisher weight checks. No discrepancies noted.
7. Installed new C cell batteries in fwd and aft emergency exit signs. Op's check good.
8. Tested cabin altitude barometric switch IAW B300 M/M 21-30-00. Op's check good.
9. Tested cabin O2 barometric switch IAW B300 M/M 35-00-00. Op's check good.
10. C/W SB 27-3459 R2 gust lock inspection. No discrepancies noted.
11. Removed #3 main wheel and installed a wheel P/N 3-1341-1 S/N 8682 that was NDT inspected and a new tire P/N 196K08-9 S/N 72722367 was installed by Falcon Crest Acc. CRS# GP2R854K under WO# 80703. Work performed IAW B300 M/M 32-40-00. Op's and leak check good.
12. Removed #4 main wheel and installed a wheel P/N 3-1341-1 S/N 7848 that was NDT inspected and a new tire P/N 196K08-6 S/N 72722449 was installed by Falcon Crest Acc. CRS# GP2R854K under WO# 80704. Work performed IAW B300 M/M 32-40-00. Op's and leak check good.
13. Removed R/H fire wall fuel shut-off valve and installed an O/H valve P/N 109-389002-7 S/N 689 IAW B300 M/M 28-20-07. Op's and leak check good.
14. Removed deice valve and installed an O/H valve P/N 101-384144-3 S/N N112799 IAW B300 M/M 30-10-00. Op's and leak check good.

I certify that the maintenance operations described above were inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service. All work performed IAW Beech B300 M/M.



Roy Hoefar A&P 461898475

## Airframe Log Entry

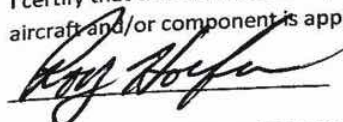


**TRIDENT**  
MAINTENANCE SERVICES, LLC

Date	Hobbs	Reg.	Type	S/N	TT	LDGS
5/31/18		N254JL	KA-B300	FL-254	4919.7	4742

1. C/W 200hr lubes IAW B300 M/M 12-20-00.
2. Inspected L/H and R/H emergency exit self illuminating signs, no discrepancies noted.
3. Inspected L/H and R/H nacelle splice plates. No discrepancies noted.

I certify that the maintenance operations described above were inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service. All work performed IAW Beech B300 M/M.



Roy Hoefar      A&P 461898475

## Airframe Log Entry

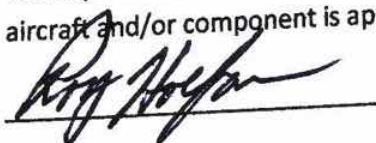


**TRIDENT**  
AIR GROUP LLC

Date	Hobbs	Reg.	Type	S/N	TT	LDGS
10/15/18		N254JL	KA-350	FL-254	4953.8	4774

1. Performed Phase 1&2 inspections IAW KA B300 M/M 5-21-01 & 5-22-02. Discrepancies were noted and repaired at this time.
2. C/W 200hr inspection of Raisbeck wing lockers. No discrepancies noted.
3. Performed horizontal and vertical stabilizer inspection. No discrepancies noted.
4. Performed cockpit and cabin fire extinguisher weight checks. No discrepancies noted.
5. Installed new C cell batteries in fwd and aft emergency exit signs. Op's check good.
6. Tested ELT IAW FAR 91.207d. Op's check good. No discrepancies noted.
7. C/W 400hr lubes IAW B300 M/M 12-20-00.
8. Tested cabin altitude barometric switch IAW B300 M/M 21-30-00. Op's check good.
9. Tested cabin O2 barometric switch IAW B300 M/M 35-00-00. Op's check good.
10. C/W SB 27-3459 R2 gust lock inspection. No discrepancies noted.
11. Removed main battery P/N RG380E/44 S/N 40904617. Battery was CAP's checked by United Batteries CRS# U9BR618Y under WO# 33092. Reinstalled main battery IAW B300 M/M 24-30-01. Op's check good.
12. Removed L/H and R/H engine fire extinguishers P/N 30301102 S/N L/H 41933B1, R/H 42018B1. Bottles were overhauled and hydro tested by Safetech CRS# WV1R599K under WO# W201801152 & W201801175. Reinstalled L/H and R/H fire extinguishers IAW B300 M/M 26-20-03. Next hydro due 10/23.
13. Removed #2 main wheel and installed a wheel P/N 101-8001-47 S/N 1567 that was overhauled and a new tire P/N 196K08-9 S/N 81802420 was installed by Falcon Crest Acc. CRS# GP2R854K under WO# 83591. Work performed IAW B300 M/M 32-40-00. Op's and leak check good.
14. Removed #1 & #2 main brakes. Installed (2) overhauled brakes P/N 2-1576 S/N #1 E2237, #2 E4210. Bled brakes. Work performed IAW B300 M/M 32-40-00. Op's and leak check good.

I certify that the maintenance operations described above were inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service. All work performed IAW Beech KA 350 M/M.



Roy Hoefar      A&P 461898475

... THAT SETS THE STANDARD



DATA PACKAGE FOR  
B300 FL-254  
STC NO. SA2843SO  
H1T-300 GROUND COOLING KIT

**Hawker** Beechcraft  
SERVICES

SQK. 1-1  
 Reg # N254JL Date April 10, 2017 Work Order 547XA  
 Make BEECHCRAFT Model B300 S/N FL-254

GWX 68 P/N: 011-00883-20 S/N: 47204641 OFF  
 GWX 68 P/N: 011-00883-20 S/N: 47204218 ON

Removed DEFECTIVE GWX 68 P/N: 011-00883-20. Installed OVERHAULED GWX 68 P/N: 011-00883-20 S/N:47204218. Applied external power to aircraft. Entered system software data loader card into #1PFD. Entered maintenance page and downloaded software for GWX. Software uploaded to system. Performed functional check of radar. No defects noted. All work accomplished in accordance with G1000 System Maintenance Manual Hawker Beechcraft Model 300/B300 Series King Air 190-00716-01.

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order # 547XA.

Signed:

Duncan Qi 1226

For Duncan Aviation Repair Station GF2R844K Phone: 800-228-4277

### Airframe Log Entry



TRIDENT  
 M/M WORKS, LLC

Date	Hobbs	Reg.	Type	S/N	TT	LDGS
5/19/17		N254JL	KA-350	FL-254	4778.0	4617

1. Installed a new ELT battery P/N 452-0130, Exp: 1/20. Ops's check good.
2. Removed, inspected, and reinstalled all flaps IAW B300 M/M 27-50-00. Op's check good.
3. Inspected L/H and R/H nacelle splice plates. No discrepancies noted.
4. Inspected landing gear hydraulic reservoir fill screen. No discrepancies noted.
5. C/W AD 2015-08-07 by inspecting crew O2 masks. Determined AD is N/A.
6. Inspected L/H and R/H emergency exit self illuminating signs, no discrepancies noted.
7. Removed main and nose landing gear and drag braces. Gear components were overhauled by Falcon Crest Acc. CRS# GP2R854K under WO# 79628-79634. Reinstalled main and nose landing gear and drag braces and serviced struts. Cycled landing gear numerous times. Op's and leak check good. Work performed IAW B300 M/M 32-00-00.
8. Inspected main and nose landing gear trunnion and drag brace attach bolt holes. No discrepancies noted.

I certify that the maintenance operations described above were inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service. All work performed IAW Beech B300 M/M.

Roy Hoefar A&P 461898475



Reg. # N254JL Date: August 24, 2017 Work Order: 5DFDA  
 Make: BEECHCRAFT Model: B300 S/N: FL-254

SQK. 1-1

Removed CVR ULB and removed OLD BATTERY P/N: 810-2008/K S/N: N/A. Installed BATTERY P/N: 810-2008/K LOT # JUL2023/3930-04. Reinstalled ULB onto CVR. Performed functional check on CVR ULB (DK120 S/N: DG10578 CODE: C EXP DATE: JUL 2023) in accordance with DUKANE TECHNICAL MANUAL UNDERWATER ACOUSTIC BEACON MODELS DK100/DK120/DK130/DK140. No defects noted. 3.30VDC.

Performed CVR Functional check in accordance with B300/B300C Maintenance Manual 23-70-09. No defects noted during functional check.

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order # 5DFDA.

Signed:

Duncan Qi 1226

For Duncan Aviation Repair Station GF2R844K Phone: 800-228-4277