

CARD TRAVELER

REG: N700Z

S/N: BB-1920

Model: KA_200All King Air 200, B200, B200G

Work Order: **2517213**

Customer: Bramco LLC

Card: **1300**

Card Type: CA- Customer Advisory

ATA: 57- WINGS

Class: MAINT- Maintenance Action

Zone: Airfr- Airframe

Div/Dept: I-Turbo Prop/Piston Airframe S

Goal Hr: 520.00

Card ID **546786**



Description:

Repair on right wing - replace damaged right

Discrepancy:

Repair on right wing - replace damaged right outboard keep panel, replace lower inverter skin panel, replace aft inverter panel, strap/blend lower wing skin, replace additional other panels outboard of the right nacelle as necessary.

Corrective Action:

Removed RH nacelle fuel cell , P/N- 99-380000-25RH , S/N- 04-01078 , DOM Sept 2004 for access to damaged areas on RH nacelle . Work performed in Ref. with KA 200 AMM 28-10-09-401 . (LC2025 14JUN2017).

Drained and evacuated the vapor cycle airconditioning system . Recovered 7.5 LBS of R134 refrigerant and 1.6 oz. of oil . Work performed in Ref. with KA 200 AMM 21-50-00-201. (LC2025 16JUN2017).

Removed RH prop , P/N- HC-E4N-3G , S/N- A77221 . Removed RH engine , P/N- PT6A-42 , S/N- PCE-PJ0917 . Work performed in Ref. with KA 200 AMM 61-13-01-401 and 71-00-01-401. (LC2025 19JUN2017).

Removed RH aux tank, P/N- 101-381001-8RH , S/N- 0505842 DOM June 2005 . Ref Beechcraft KA 200 AMM 28-10-19-401 . (MR2962 14Jun2017)

Removed fwd liner to access fasteners . Removed RH IB flap to access fasteners . Removed as needed turtle back, nacelle skin, nacelle fwd lower skin, nacelle aft lower skin, fwd nacelle tank liner, engine firewall , fuel lines , De-ice lines , control cables and electrical to access damaged ares on RH nacelle . Removed all damaged parts .

Trimmed match drilled , dimpled and installed new parts as follows , RH OB side aft nacelle skin P/N- 101-980022-36 , outer main RH web P/N- 101-120024-40 , Bulkhead P/N- 101-980010-28 , bulkhead P/N- 101-980010-606 , OB aft nacelle tension strap P/N- 101-980024-4 , BL 113.00 brace P/N- 101-120023-74 , RH BL 113.00 OB keel wed P/N- 101-980011-87 , angle P/N- 101-120023-16, OB lwr skin P/N- 101-120034-8 , and stiffener P/N- 101-120024-7006 . Reinstalled all control cables , electrical , fuel lines and de-ice lines . Reinstalled turtle back, nacelle skin, nacelle fwd lower skin, nacelle aft lower skin, fwd nacelle tank liner, aux tank liner , and firewall .

Fasteners used as follows , MS20426AD-4 , MS20470AD-4 , MS20426AD-5 , MS20470AD-5 , MS20470AD-6 , MS20426AD-6 rivets , HL18PB-5 , HL20PB-5 , HL20PB-6 , HL62PB-6 , HL64PB-6 hi-lok pins , HL70-5 , HL79-6 , HL86-6 , HL87-6 collars , CR3213-4 , CR3212-4 , CR3243-4 , CR3242-4 , CR3552-4 , CR3214-5 , CR3213-5 , and CR3243-5 cherry max rivets . All work performed in Ref. with KA 200 AMM 28-10-19-401, 27-50-01-401, and SIRM 20-50-03. (MR2962 12SEP2017 IPI BL2985 12SEP2017).

Cleaned and leak checked the RH nacelle fuel cell , no discrepancies found at this time. Reinstalled fuel cell P/N- 99-380000-25RH , S/N- 04-04078 DOM Sept 2004 . Reconnected snaps and all external lines and installed pumps on RH nacelle . All work performed in Ref. with KA 200 AMM 28-10-09-401 . (TE2110 11SEP2017)

Installed internal lines , access cover , torqued and safetied hardware on RH nacelle tank . Work performed in Ref. with KA 200 AMM 28-10-09-401 . (CK2105 R1 11SEP2017)

Performed repair on wrinkled aft spar web at RBL 93.00-RBL 113.00 . Reference Elliott Aviation NDT report no. 17-539 dated 10/16/2017 for NDT performed . All work performed IAW Beechcraft Field Repair- Deformation , RH Wing , Rear Spar center Section Web , Between RBL 93.00 and RBL 113.00 , DWG NO FR-BB-1920-3327 Rev 1 , approval date 9/27/17 . FAA Form



Elliott Aviation of the Quad Cities, LLC

FAA CRS: CGHR812C

CARD TRAVELER

REG: N700Z

S/N: BB-1920

Model: KA_200All King Air 200, B200, B200G

Work Order: 2517213

Customer: Bramco LLC

Card: 1300

Card Type: CA- Customer Advisory

ATA: 57- WINGS

Class: MAINT- Maintenance Action

Zone: Airfr- Airframe

Div/Dept: I-Turbo Prop/Piston Airframe S

Goal Hr: 520.00

Card ID 546786



Description:

Repair on right wing - replace damaged right

8110-3 signed by Donald A. Beaven , DERT-834055-CE dated 27 SEP 2017 . (MR2962 17SEP2017 IPI BL2985 17SEP2017)

Reassembled , charged, and leak checked the A/C system with 8.2 LBS of R-134A freon and 1.6oz oil , no leaks detected at this time . All work performed in Ref. with KA200 AMM 12-10-09-301 . (TE2110 24OCT2017)

Reinstalled RH engine P/N- PT6A-42 , S/N- PCE-PJ0917 and prop P/N- HC-E4N-3G, S/N- A77221 with new o-ring P/N- C-3317-230 . Torqued all hardware . All work IAW KA 200 AMM 71-0-01 and 61-13-01. (CA2912 25OCT2017)

Complied with QAD flange inspection before starter/generator reinstallation . All work performed IAW KA 200 AMM 05-20-05-601 . (CA2912 26OCT2017)

Removed and installed original starter/generator with new o-ring . Work performed in Ref. with 200 AMM 24-30-03-401. (TE2110 27OCT2017)

Reinstalled RH IB flap . Work performed in Ref. with KA 200 27-50-01. (DS2987 30OCT2017)

Installed overhauled RH aux tank P/N-101-381001-8RH , S/N- 92-31991 , DOM NOV 1992 . All work performed in Ref. with KA 200 AMM 28-10-19. 8130-3 , Form Tracking # 2017466 , Work Order # 44865 , Eagle Fuel Cells-ETC , Inc , CRS# NL5R071N , Dated7/OCT/2017. (MR2962 1NOV2017)

EFS #'s- 101, 142, 144, 129, and 114

Technician

OK To Close

Inspector

QC

Func/Leak/Date

Date

Date

Date

Date

Log Entry:



Airframe



Avionics



L Engine



L Prop



C Engine



R Engine



R Prop



APU

Removed and reinstalled RH nacelle fuel cell , PN: 99-380000-25RH, SN: 04-01078 , DOM Sept 2004. Reference Beechcraft King Air 200 Series Maintenance Manual, chapter 28-10-09-401.

Removed and reinstalled RH propeller, PN: HC-E4N-3G, SN: A77221. Reference Beechcraft King Air 200 Series Maintenance Manual, chapter 61-13-01-401.

Removed and reinstalled RH engine, PN: PT6A-42, SN: PCE-PJ0917. Reference Beechcraft King Air 200 Series Maintenance Manual, chapter 71-00-01-401.

Removed RH auxiliary tank, PN: 101-381001-8RH, SN: 0505842, DOM June/2005. Installed overhauled RH auxiliary fuel cell, PN:101-381001-8RH, SN: 92-31991, DOM Nov/1992. See 8130-3 dated 7/Oct/2017 ,from Eagle Fuel Cells - ETC Inc., CRS# NL5R071N, Tracking # 2017466, Work Order # 44865 for work performed. Reference Beechcraft King Air 200 Series Maintenance Manual, chapter 28-10-19-401.

Removed and reinstalled RH inboard flap. Reference Beechcraft King Air 200 Series Maintenance Manual, chapter 27-50-01-401.

Serviced air conditioner system with 8.2 lbs of R-134A freon and 1.6 ounces of oil. Reference Beechcraft King Air 200 Series



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ATA: 57- WINGS

Class: MAINT- Maintenance Action

Zone: Airfr- Airframe

Div/Dept: I-Turbo Prop/Piston Airframe S

Goal Hr: 520.00

Card ID 546786



Description:

Repair on right wing - replace damaged right

Maintenance Manual, chapter 12-10-09-301.

Removed and reinstalled starter/generator. Complied with QAD flange inspection. Reference Beechcraft King Air 200 Series Maintenance Manual, chapters 05-20-05-601 and 24-30-03-401.

Performed repair on the right wing rear spar in accordance with Beechcraft Field repair – Deformation, RH Wing, Rear Spar Center Section Web, Between RBL 93.00 & 113.00, DWG No. FR-BB-1920-3327, Rev 1, dated 09/27/2017. Reference FAA form 8100-9 dated 27/Sep/2017, signed by Donald A. Beaven, DERT-834055-CE (Structures). Reference Elliott Aviation Non-Destructive Testing Report No: 17-539 for all NDT work performed on aircraft signed by Ryan Parker, CRS # CGHR812C, dated 10/16/2017 for details. Weight & balance data change negligible. There are no Instructions for Continued Airworthiness beyond the manufactures recommended inspections.

Installed new parts as follows: RH outboard side aft nacelle skin, PN: 101-980022-36; outer main RH web rib, PN: 101-120024-40; Bulkhead, PN: 101-980010-28; bulkhead, PN: 101-980010-606; aft nacelle tension strap, PN: 101-980024-4; rib brace BL 113.00, PN: 101-120023-74; outboard keel web BL 113.00, PN: 101-980011-87; angle rib, PN: 101-120023-16; skin outboard lower, PN: 101-120034-8; stiffener, PN: 101-120024-7006. Reference Beechcraft King Air 200 Series Maintenance Manual, chapters 28-10-19-401, 27-50-01-401, and Structural Inspection Repair Manual, chapter 20-50-03.

Internal Memo Sheet

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Customer: Bramco LLC	Card: 1300
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Warranty:

<u>Program Vendor</u>	<u>Customer Name</u>	<u>Program Name</u>	<u>Program No</u>	<u>Start Date</u>	<u>Expire Date</u>	<u>Expire Hours</u>
103071-1 Garmin International C/W		Garmin - G1000		6/10/2016	6/10/2018	
103038-1 Pratt & Whitney C/W	Bramco Inc.	Pratt & Whitney ESP Gold Lite	1267-01			

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