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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
LOG ID# 3501 06-May-2014 WO# 18879  
N8831M S/N TD-574 BEECHCRAFT D95A

Pg 1 / 1

pair

- The following equipment was removed: Aspen 910-00004-001 ACU, Comant CI-1125 Quadplexer, King KNS-80 RNAV, & King KY196 Com. The following equipment was installed: Garmin GTN650 GPS/Nav/Com, Garmin GA-35 GPS Antenna, Comant CI-505 Splitter, & Garmin 013-00112-00 Splitter. Installed Garmin GTN650 System IAW Garmin STC# SA02019SE-D and Garmin GTN7xx/6xx Series Installation Manual p/n 190-01007-A3 Rev 2 per TSO-C146a: 1) Installed GTN650 in location determined to be within the prescribed "Acceptable View" therefore remote annunciation not installed. 2) Verified all interfaces to be in compliance with the Garmin GTN7xx/6xx Series Installation Manual p/n 190-01007-A3 Rev 2 per TSO-C146a and operating as intended. Completed Interface Checkout Log. 3) Inserted Garmin supplied Instructions for Continued Airworthiness p/n190-01007-A3 Rev 1 in the aircraft records. 4) Inserted Garmin supplied Flight Manual Supplement p/n 190-01007-A2 Rev 1 in the POH. Verified compliance with FAR 91.217 data correspondence & FAR 91-413 and FAR 43 Appendix F due to interface of the GTN650. Performed static leak check IAW FAR 91.411. All work was accomplished IAW AC43.13.1B/-2B Chapters 2 & 3 and GTN650 installation manual utilizing manufacturer's supplied hardware. All wiring/cabling used for installation purposes meets or exceeds the following specifications: (M17/29, and/or M17/60) - coax; (M22759, M27500, and/or M81044) - wire. All circuit breakers used for installation purposes were of the Klaxon, Potter/Brumfield, and/or Mechanical Products variety. All of the above installed equipment was functionally tested and was found to perform its intended function with no adverse effects on other aircraft systems. Weight and Balance change recalculated for work performed per FORM #337. Equipment List revised.

- REPLACED DEFECTIVE DISPLAY IN KING KX165 S/N 13200. OPS CHECKED GOOD.
- COMPLIED WITH FAR 91.411 AND FAR 43, APPENDIX E ALT./ENC./STATIC SYS CERT.
- COMPLIED WITH FAR 91.413 AND FAR 43, APPENDIX F 2YR TRANSPONDER CERT.
- REPLACED SEVERAL FITTINGS. LEAK CHECKED GOOD.



CRS# LN7R261N Todd Adams

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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9-7-12 Hobbs: 4421.5

BEECH TRAVEL AIR N 8831M

REPAIR MFD screen blanking by C/W ASPEN  
 SB. 2012-05 & SB 2012-06 to ASPEN 2000  
 SYSTEM PFD 100 SW 10480, MFD 100 SW 10483  
 with NEW version 2.6 SOFTWARE.

— REF. W/O 17503 —

LANCASTER AVIONICS INC  
 LANCASTER AIRPORT  
 LITITZ, PA 17543

DATE 9-7-12

CERTIFICATE NO. LN7R261N

SIGNED

*James [Signature]*

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				6-23-14 Hobbs: 4563.6
				Bonanza N8831M
				4w SB. 1320A on GARMIN GTN 650
				SW 128015350 (BACK LOG) to 4.10 SW. to Fix
				ARINC 429 SW. (Gritter). 4w SB. 1418A to
				SAME GNS. 650 FOR SW. 2.13 COM.
				LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543
				DATE <u>6-23-14</u>
				CERTIFICATE NO. LN7R261N
				SIGNED <u>James Good</u>



Laytonsville Aircraft Services, LLC  
7200 Hawkins Creamery Road  
Laytonsville, MD 20872  
301-253-2897

AIRCRAFT NUMBER: N8831M SERIAL NUMBER: TD574 DATE: 5/8/15 HOBBS: 4629.2 TOTAL TIME: 4629.2

1. Panels opened, aircraft serviced and inspected IAW a compliant checklist.
2. AD listing reviewed using Triton Aviation Data online software.
3. AD 89-05-02 CW by inspection IAW Para (a), (b) and found to be acceptable. **NEXT DUE 4729.2 HRS. HOBBS/TTAF (100 HRS > TIS).**
4. AD 90-08-14 CW by Inspection IAW Para (A) and found to be acceptable. **NEXT DUE 5129.2 TTAF (500 HRS. TIS).**
5. Continued CW AD 2004-10-14 for both engines by no known defined strike since last engine overhaul. **ACTION DUE ONLY IN THE EVENT OF A DEFINED STRIKE OR AT ANY ENGINE TEARDOWN.**
6. AD 2007-08-08 CW by inspection IAW Para (e) (4). Gear-up lock roller clearance adjusted IAW Beechcraft D95 Service instructions. **NEXT DUE 4729.2 HRS. HOBBS/TTAF (100 HRS. TIS).**
7. AD 2011-26-04 CW by inspection IAW Para (h) using criteria in Para (i) and found to be acceptable. **NEXT DUE 4729.2 HRS. HOBBS/TTAF(100 HRS. TIS).**
8. No additional disclosed AD's for this aircraft are due at this time.
9. AD Compliance Record Updated.
10. ICA for Door Steward cabin door atay CW IAW ATA Chapter 05, Para 5-00 and 5-20;
11. New ELT Battery, P/N BP-1010 installed IAW accompanying MERL, Inc. instructions. **Expiration Date is JAN 17.**
12. FAR 91.207 (d) CW by condition inspection and operational check of ELT and battery IAW Para. (1-4). **NEXT DUE 4/30/16.**

(Continued on next page.)

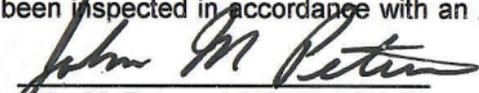
YEAR: _____  DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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YEAR  
\_\_\_\_\_  
DATE  
\_\_\_\_\_

(Continued from previous page.)

13. Aileron trim system repaired adjusting spring tension..
14. Pitot heat operation checked per owner request and found to be normal.
15. Nose landing gear shock strut serviced with nitrogen.
16. Right hand brake caliper removed, disassembled, cleaned, inspected, reassembled with new O-ring seals, P/N MS28775-222, reinstalled and serviced with MIL-H-5606A hydraulic fluid.
17. Right hand wing flap actuator adjusted to provide proper clearance.
18. Existing safety belt assemblies removed and B.A.S., Inc Color Inertia Reel Shoulder Harness Kit Color Metro Grey, S/N 1519 & 1520 installed for both front seats IAW STC SA01085SE and accompanying B.A.S., Inc. Installation Instructions, Report 1103 REC C November 10, 2010.
19. Copies of STC SA01085SE, Authorization For Use of STC Document and B.A.S., Inc. Instructions for Continued Airworthiness have been placed in the aircraft records.
20. Ground run-up and taxi check performed and found to be satisfactory.

I certify that this aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition.

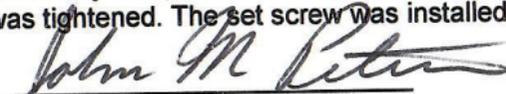
  
 John M. Peters, 1546718 A&P, IA

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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*Laytonsville Aircraft Services, LLC*  
*7200 Hawkins Creamery Road*  
*Laytonsville, MD 20872*  
*301-253-2897*

**AIRCRAFT NUMBER: N8831M SERIAL NUMBER: TD-574 DATE: 7/2/15 HOUR METER:**

1. Alpha Systems AOA Eagle, P/N DSTR-AOA-9600K, Installed IAW Eagle Installation Manual: IOM-Eagle, Rev. A, P/N AOA-9050.
2. A series of flights were made to successfully complete the in-flight calibration procedure. The probe angle after calibration is 40 degrees. The probe mounting bolt was tightened. The set screw was installed and the mounting plate was reinstalled .IAW the Alpha Systems Operations Manual.

  
John M. Peters, 1546718 A&P, IA


YEAR:  DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Beech  
 MODEL: D95a  
 S/N: TD-574  
 REG. NO: N8831M  
 WORK ORDER: 5447



**Parks Aviation Holdings LLC dba Ideal Aviation**

2100 Vector Dr.  
 Cahokia, IL 62206  
 Phone: 618-337-5845

DATE: 4/7/2016  
 A/C TSN:  
 HOBBS: 4760.8

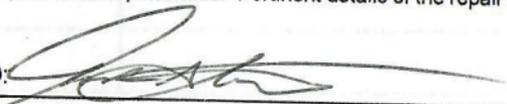
**Airframe Entries**

(1) Removed LH main gear wheel and tire assembly. Removed wheel bearings, cleaned, inspected and repacked bearings. Installed bearings in wheels. Installed new inner tube part number 06-00851. Rotated main gear tire and installed with wheel halves, wheel halves torqued to specification. Installed LH main gear wheel and tire assembly, seated bearings, torqued axle nut to specification and safetied. Installed LH  
 Joshua Stout/ A&P: 3751655

**Maintenance Release**

The aircraft and/or component(s) on N8831M was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to work performed. Pertinent details of the repair are on file at this facility under Work Order No. 5447, Dated 4/7/2016.

DATE: 4/7/2016

SIGNED:   
 Joshua Stout A&P: 3751655

Work Order: 5447

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YEAR: _____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of In Entries must be endc Facility. (See back pe
DATE				

I certify that the following tests were performed

Martin Aviation LLC FAA #5M1R317C

Central New Jersey Regional Airport, Hillsborough NJ

Reg # N8913M

<u>Altimeter</u>	<u>Static System</u>	<u>Transp</u>
Pilots to <u>14000</u> ft	Pilots <u>✓</u>	#1 Mod <u>A7</u>
Copilots to <u>    </u> ft	Copilots <u>    </u>	SN <u>11051</u>
		#2 Mod <u>    </u>
		SN <u>    </u>
On <u>5/19/16</u>	On <u>5/19/16</u>	On <u>5/19</u>
By <u>MB</u>	By <u>MO</u>	By <u>MB</u>
WO# <u>1015</u>	WO# <u>1015</u>	WO# <u>101</u>
43 apx E	43 apx E	43 apx F

Altimeter Scale Altimeter S/N 6R445  
Correction Card Part Number 5934P4-3

Standard Altitude	Altimeter Reading	Standard Altitude	Altimeter Reading
-1000	<u>980</u> 990	10000	<u>9930</u>
0	<u>0</u>	12000	<u>11910</u>
500	<u>306</u>	14000	<u>13900</u>
1000	<u>1600</u>	16000	<u>    </u>
1500	<u>1500</u>	18000	<u>    </u>
2000	<u>2000</u>	20000	<u>    </u>
3000	<u>2990</u>	22000	<u>    </u>
4000	<u>3980</u>	25000	<u>    </u>
6000	<u>5960</u>	30000	<u>    </u>
8000	<u>7940</u>	35000	<u>    </u>

Date: 5/19/16 Tested By: MB  
WO# 1015 Martin Aviation LLC  
FAA # 5M1R317C

YEAR: 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/17	Hr. Mtr.		4766.2	Serviced tires, brakes & batteries.
				Installed all new brake lining. AD 89-05-02 Elev.
				Fittings c/w by insp. AD 2007-08-08 c/w by inspection.
				ELT tested as per FAR 91.207(d). Bat date Jan. 2017.
				I certify that this Aircraft has been
				inspected in accordance with an Annual inspection
				and was found to be in an Airworthy condition.
				John M. Petrus
				AIP 1546718 IA

YEAR:

DATE

Sarasota Avionics Inc. Venice Airport (VNC)  
120 West Airport Ave Venice FL 34285  
N8831M Beech D95A SN: TD-574  
Date: 9/27/2016                      Work Order: 9598



Removed AT165 and installed Garmin GTX 345 Transponder with ADS-B Out and ADS-B In functionality. Optional GAE module was installed. The previously GTN was used as the approved position source. All work was done according to Garmin IM 190-00734-10 per STC SA01714WI. The Automatic pressure altitude reporting equipment GAE PN:011-03080-01 / SN:3T6000918 was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14 CFR 91.217. The transponder GTX345 PN: 011-03302-00/ SN: 3EG001823 was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. FAA from 337 submitted on this date. Weight & Balance / Equipment List Revision completed to reflect changes . I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

A handwritten signature in blue ink, appearing to be "P. J. ...", is written over a horizontal line.

\_\_\_\_\_, for Sarasota Avionics Inc. CRS S0QR632X



**Laytonville Aircraft Services, LLC**  
**7200 Hawkins Creamery Road**  
**Laytonville, MD 20872**  
**301-253-2897**

**AIRCRAFT NUMBER: N8831M SERIAL NUMBER: TD574 DATE: 11/09/17 HOBBS: 4799.3 TOTAL TIME: 4799.3**

1. Panels opened, aircraft serviced and inspected IAW a compliant checklist.
2. AD listing reviewed using Triton Aviation Data online software.
3. AD 89-05-02 CW by inspection IAW Para (a), (b) and found to be acceptable. **NEXT DUE 4899.3 HRS. HOBBS/TTAF (100 HRS) TIS.**
4. AD 90-08-14 CW by Inspection IAW Para (A) and found to be acceptable. **NEXT DUE 5129.2 TTAF (500 HRS. TIS.)**
5. Continued CW AD 2004-10-14 for both engines by no known defined strike since last engine overhaul. **ACTION DUE ONLY IN THE EVENT OF A DEFINED STRIKE OR AT ANY ENGINE TEARDOWN.**
6. AD 2007-08-08 CW by inspection IAW Para (e) (4). Gear-up lock roller clearance adjusted IAW Beechcraft D95 Service instructions. **NEXT DUE 4899.3 HRS. HOBBS/TTAF (100 HRS. TIS).**
7. AD 2011-26-04 CW by inspection IAW Para (h) using criteria in Para (i) and found to be acceptable. **NEXT DUE 4899.3 HRS. HOBBS/TTAF(100 HRS. TIS).**
8. No additional disclosed AD's for this aircraft are due at this time.
9. AD Compliance Record Updated.
10. ICA for Door Steward cabin door stay CW IAW ATA Chapter 05, Para 5-00 and 5-20;
11. New ELT Battery, P/N BP-1010 installed IAW accompanying MERL, Inc. instructions. **Expiration Date is \_\_\_\_\_.**
12. FAR 91.207 (d) CW by condition inspection and operational check of ELT and battery IAW Para. (1-4). **NEXT DUE 11/09/2018.**

(Continued on next page.)



YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
 LOG ID# 5112 12-December-2017 WO# 22670/1 AC TT 4813.3 HOBBS 4813.3  
 N8831M S/N TD-574 BEECHCRAFT D95A

Pg 1 / 1

\*\*\*\* ITEM # 22670-1 HEADSETS INOP \*\*\*\*

DISCREPANCY: HEADSETS INOP.

ACTION: EVALUATED HEADSETS (LIGHTSPEED ZULU) IN ACFT; NO POWER TO JACKS FOR NOISE CANCELLING. REPAIR DEFERRED TO LATER DATE.

\*\*\*\* ITEM # 22670-2 GARBLED COM \*\*\*\*

DISCREPANCY: GARBLED COM.

ACTION: EVALUATED COMM1 FOR GARBLED RECEIVER; ALL OPS CHECKS OK.

\*\*\*\* ITEM # 22670-3 ADS-B IN INOP \*\*\*\*

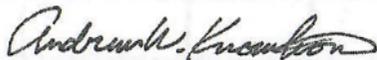
DISCREPANCY: ADS-B IN INOP.

ACTION: EVALUATED ADS-B PAIRING TO I-PAD; ALL OPS CHECKS OK.

\*\*\*\* ITEM # 22670-4 UPDATE SOFTWARE \*\*\*\*

DISCREPANCY: UPDATE SOFTWARE

ACTION: C/W GARMIN SB1758B BY UPDATING GTN650, S/N 1Z8015350 MAIN AND NAV SOFTWARE FROM 6.21/6.02 TO 6.41/6.03 RESPECTIVELY. C/W GARMIN SB1759A BY UPDATING FLIGHTSTREAM 510 FIRMWARE FROM 2.10 TO 2.33. C/W GARMIN SB1669A BY UPDATING GTX345, S/N 3EG001823 SOFTWARE FROM 2.01 TO 2.05. C/W ASPEN SB2016-04 BY UPDATING EFD1000 PFD, S/N 10480 AND EFD1000 MFD, S/N 10483 SOFTWARE FROM 2.8.3 TO 2.9. ALL OPS CHECKS OK.

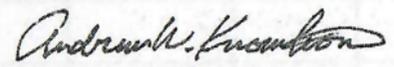


ANDREW W. KNOWLTON

YEAR: _____  DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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<p>LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N            LOG ID# 5141 03-January-2018 WO# 22670/1 AC TT 4814.0 HOBBS 4814.0            N8831M S/N TD-574 BEEHCRAFT D95A</p> <p style="text-align: right;">Pg 1 / 1</p>
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\*\*\*\* ITEM # 22670-1 HEADSETS INOP \*\*\*\*  
 DISCREPANCY: HEADSETS INOP.  
 ACTION: INSTALLED NEW POWER WIRE FOR BOSE (LIGHTSPEED ZULU) HEADSET JACKS. PROTECTED NEW WIRE WITH 1A IN-LINE FUSE, LABELED ACCORDINGLY, LOCATED BEHIND C/P SIDESHEET NEXT TO RUDDER PEDALS. ALL OPS CHECKS OK.



ANDREW W. KNOWLTON




LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
 LOG ID# 5550 12-October-2018 WO# 23544 HOBBS 4824.3  
 N8831M S/N TD-574 BEECHCRAFT D95A

\*\*\*\* ITEM # 23544-2 CALIBRATE ASPEN ALTIMETER \*\*\*\*

DISCREPANCY: ASPEN MFD ALTIMETER READS -25 FT LOW @ ZERO FT (29.92"Hg) WHICH EXCEEDS ALLOWABLE TOLERANCE.

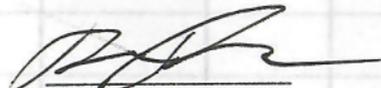
Model: EFD1000 Serial#: 10483

ACTION: CALIBRATED ALTIMETER TO MEET CERTIFICATION SPECS I.A.W. ASPEN TECH NOTE TN2009-09.

\*\*\*\* ITEM # 23544-3 UPDATE GARMIN AVIONICS SOFTWARE \*\*\*\*

DISCREPANCY: UPDATE AVIONICS SOFTWARE.

ACTION: 1.) GTN650, S/N 1Z8015350 - UPDATED SOFTWARE FROM V6.41 TO V6.50 I.A.W. GARMIN SERVICE BULLETIN 1860, REV. A. 2.) GTX345, S/N 3EG001823 - UPDATED SOFTWARE FROM V2.05 TO V2.12 I.A.W. GARMIN SERVICE BULLETIN 1732, REV. B. 3.) FS510 - UPDATED SOFTWARE FROM V2.33 TO V2.41 I.A.W. GARMIN SERVICE BULLETIN 1850, REV. A. UPDATED AIRCRAFT FLIGHT MANUAL SUPPLEMENT AS REQUIRED.

  
 KYLE REED

*N8831M*  
**LANCASTER AVIONICS INC. CRS # LN7R261N**

*Travel Air*

*hobbs: 4824.3*  
**LANCASTER AVIONICS INC**  
**CRS # LN7R261N**

I CERTIFY THAT THE ALTIMETER, ENCODER AND  
 STATIC SYSTEM TESTS REQUIRED BY FAR 91.411  
 HAVE BEEN PERFORMED I/AW FAR 43 APPENDIX E

I CERTIFY THAT THE TRANSPONDER (S)  
 TEST REQUIRED BY FAR 91.413 HAS BEEN  
 PERFORMED I/AW FAR 43 APPENDIX F

UNIT	TYPE	TESTED TO
#1 ALTIMETER	<i>Aspen PFD</i>	<i>20K</i>
#2 ALTIMETER	<i>Aspen MFD</i>	<i>20K</i>
#3 ALTIMETER	<i>Unitel</i>	<i>20K</i>
ENCODER (S)	<i>GARMIN</i>	<i>20K</i>
STATIC SYSTEM TEST DATE	<i>10-12-18</i>	
SIGN <i>[Signature]</i>	DATE <i>10-12-18</i>	

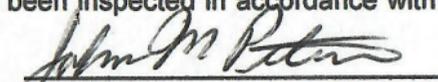
UNIT	TYPE
#1 TRANSP	<i>GTX 345</i>
#2 TRANSP	<i>NA</i>
SIGN <i>[Signature]</i>	DATE <i>10-12-18</i>

**Laytonsville Aircraft Services, LLC**  
**7200 Hawkins Creamery Road**  
**Laytonsville, MD 20872**  
**301-253-2897**

**AIRCRAFT NUMBER: N8831M SERIAL NUMBER: TD574 DATE: 04/16/2019 HOBBS: 4831.5 TOTAL TIME: 4831.5**

1. Panels opened, aircraft serviced and inspected IAW a compliant checklist.
2. AD listing reviewed using Triton Aviation Data online software.
3. AD 89-05-02 CW by inspection IAW Para (a), (b) and found to be acceptable. **NEXT DUE 4931.54 HRS. HOBBS/TTAF (100 HRS) TIS.**
4. Continued CW AD 2004-10-14 for both engines by no known defined strike since last engine overhaul. **ACTION DUE ONLY IN THE EVENT OF A DEFINED STRIKE OR AT ANY ENGINE TEARDOWN.**
5. AD 2007-08-08 CW by inspection IAW Para (e) (4). Gear-up lock roller clearance adjusted IAW Beechcraft D95 Service instructions. **NEXT DUE 4931.5 HRS. HOBBS/TTAF (100 HRS. TIS).**
6. No additional disclosed AD's for this aircraft are due at this time.
7. AD Compliance Record Updated.
8. ICA for Door Steward cabin door stay CW IAW ATA Chapter 05, Para 5-00 and 5-20;
9. FAR 91.207 (d) CW by condition inspection and operational check of ELT and battery IAW Para. (1-4). **NEXT DUE 04/30/2020.**
10. Serviced struts with nitrogen.
11. Ground run-up and taxi check performed and found to be satisfactory.

I certify that this aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition.

  
John M. Peters, 1546718 A&P, IA

YEAR:

R  
T  
T

DATE

Sarasota Avionics Inc. Venice Airport (VNC)

120 West Airport Ave Venice FL 34285

Tail No.: N8831M Beech D95A SN: TD-574

Date : 8/26/2019 Work Order: 11386



air

Removed KMA 24 (PN: 066-1055-01 / SN: 19491), KLN 90B (PN: 066-04031-1121 / SN: 23650), KX 165 (PN: 069-1025-05 / SN: 13200), ), KA 92 GPS Antenna (PN: 071-01553-0200 / SN: 08045), SPA-660 (SN: 1101088), VA-1A 50 Volt Amps (SN: 10924), VA-1A 50 Volt Amps (SN: 10925), US-8A-4 Engine Analyzer (SN: 23941), Oil Temp Gauge (PN: BMD-1001 / SN: 5201), RPM Gauge (PN: 57-1BW / SN: 1050), Oil Pressure Gauge (PN: 22-870-011 / SN: D0173), MD41-328 (SN: 1775) and Shadin FF (PN: 910532P / SN: 9560). Installed Garmin GTN750 (PN: 010-00820-50 / SN: 1ZA025775) in accordance with installation manual 190-C1007-A3 per STC SA02019SE-D. Installed Garmin GA35 GPS/WAAS Antenna in accordance with installation manual 190-01284-00 Rev. D per STCSA02018SE-D Installed Garmin GMA 345 Audio Panel in accordance with installation manual 190-01878-02. Installed EDM 960 Engine Monitor (PN: 960-6CP-4 / SN: 8810) in accordance with JPI installation manual No. 909 Rev. E per STC SA0182SE. The weight and balance was updated to reflect changes.--FAA form 337 submitted on this date. I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

for Sarasota Avionics Inc. CRS S0QR632X

YEAR: 2020	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
5/22	4865.8		4865.8	I certify that this aircraft has been inspected in accordance with an Annual inspection and was found to be in an Airworthy condition. <i>John M Peter</i> A+P 1546718 IA
6/23/20	4865.8		4865.8	AD 89-05-02 Elev. Fittings c/w by insp. AD 2007-08-08 Uplock Rollers c/w by insp. Installed new CCA1550 fuel drain valve at wing aft. Repaired right loose cowl flap hinges. ELT tested as per FAR 91.207d <i>John M Peter</i> Oct 22 bat. A+P 1546718 IA





id Alterations  
 Date Number of Technician or Repair

12/14/2011



**LANCASTER AVIONICS INC**

**Static Altimeter (S), Encoder Evaluation For FAR 91.411 - FAR 43, Appendix 'E'**

Customer: <b>ROBERT R. McMEEKIN, JR.</b>				Aircraft Type: <b>D95A TRAVEL AIR</b>			#: <b>N8831M</b>		
Altimeter	Manufacturer	Part Number	Serial Number	Test Ceiling	25,000'	Pilot	Stby	Co-Pilot	
Pilot	ASPEN	FPD1000	10480	System Leak	40 FPM				
Standby	UNITED	5934PA-3A.86	6K445	Hysteresis: 50%	12,500'	N/A	+1.75	700 <sup>+30</sup> 70	
Co-Pilot	ASPEN	MFD1000	10483	40%	10,000'		+1.75	80 <sup>+25</sup> 35	
Encoder	GARDIN	GAE-12	3TG000918	After Effect	0'		+1.30	0 <sup>+20</sup>	

Error	Pilot	Standby	Co-Pilot	Tol	Encoder 125'	Friction
-1000	-20	0	-20	20	N/A	--980
zero	-15	0	-20	20	-80	20
500	-20	0	-20	20	425	525
1000	-15	-5	-20	20	925	1030
1500	-15	0	-15	25	1430	1525
2000	-10	-10	-15	30	1930	2030
3000	-15	-15	-10	30	2930	3030
4000	-10	-25	-15	35	3930	4930
6000	-5	-40	-10	40	5930	6030
8000	+5	-60	0	60	7930	8030
10000	0	-80	0	80	9935	10035
12000	+5	-90	+5	90	11940	12040
14000	+15	-100	0	100	13940	14040
16000	+20	-110	+5	110	15950	16050
18000	+40	-120	+15	120	17955	18055
20000	+45	-120	+15	130	19965	20065
22000	+55	-115	+25	140	21970	22070
25000	+70	-105	+35	155	24980	25075
30000				180		
35000				205		
40000				230		
45000				255		
50000				280		

	PASS	FAIL
Pilot Altimeter	X	
Standby Altimeter	X	
Co-Pilot Altimeter	X	
Encoder	X	

Technician: *Richard G. Stalter*  
 Date: 10-8-20

Lancaster Avionics Inc.  
 500-W Airport Rd.  
 Lititz, PA 17543

www.lancasteravionics.com  
 CRS# LN7R2

717-898-1983 Phone  
 717-898-4722 Fax

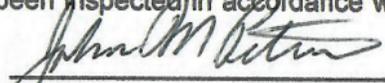


Laytonsville Aircraft Services, LLC  
7200 Hawkins Creamery Road  
Laytonsville, MD 20872  
301-253-2897

AIRCRAFT NUMBER: N8831M SERIAL NUMBER: TD574 DATE: 06/01/2021 HOBBS: 4872.0 TOTAL TIME: 4872.0

1. Panels opened, aircraft serviced and inspected IAW a compliant checklist.
2. AD listing reviewed using Triton Aviation Data online software.
3. AD 89-05-02 CW by inspection IAW Para (a), (b) and found to be acceptable. **NEXT DUE 4972.0 HRS. HOBBS/TTAF (100 HRS) TIS.**
4. Continued CW AD 2004-10-14 for both engines by no known defined strike since last engine overhaul. **ACTION DUE ONLY IN THE EVENT OF A DEFINED STRIKE OR AT ANY ENGINE TEARDOWN.**
5. AD 2007-08-08 CW by inspection IAW Para (e) (4). **NEXT DUE 4972.0 HRS. HOBBS/TTAF (100 HRS. TIS).**
6. No additional disclosed AD's for this aircraft are due at this time.
7. AD Compliance Record Updated.
8. Installed new terminal end on left alternator output wire.
9. ICA for Door Steward cabin door stay CW IAW ATA Chapter 05, Para 5-00 and 5-20;
10. FAR 91.207 (d) CW by condition inspection and operational check of ELT and battery IAW Para. (1-4). **NEXT DUE 06/30/2022.**
11. Ground run-up and taxi check performed and found to be satisfactory.

I certify that this aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition.

  
John M. Peters, 1546718 A&P, IA

YEAR:

TOTAL  
TIME IN  
SERVICE

**Reference of Major Repairs and Major Alterations To**

FAA Form 337 by Date, or to the Work Order by Number and the Approving Agency

DATE

**Laytonsville Aircraft Services, LLC**  
**7200 Hawkins Creamery Road**  
**Laytonsville, MD 20872**  
**301-253-2897**

**AIRCRAFT NUMBER: N8831M SERIAL NUMBER: TD574 DATE: 07/08/2021 HOBBS: 4882.0 TOTAL TIME: 4882.0**

1. Installation of vortex generators on the wing leading edge and vertical stabilizer in accordance with Micro AeroDynamics Drawing List MA2111, Revision IR, dated June 24, 1998, and Installation Instructions MA2112, Revision IR, dated August 20, 1998, per STC#SA00575SE.
2. Refer to form 337 this date.

  
John M. Peters, 1546718 A&P, IA

YEAR: \_\_\_\_\_  
TOTAL  
TIME IN  
SERVICE

DATE

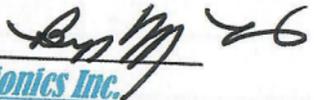
**Reference of Major Repairs and Major Alterations To**  
FAA Form 337 by Date, or to the Work Order by Number and the Approving Agency

Registration: N8831m

Date 2-14-22

I certify the Transponder test and Inspection required by FAR 91.413 IAW Part 43, App F and the Altimeter and Static System test required by FAR 91.411 IAW Part 43, App E have been performed. The Altimeter was tested to 20,000 Feet and the results are on file under Work Order R522-28.

Signature

  
**SMART Avionics Inc.**

FAA Repair Station ZV8R725X

Hobbs: 1937.3