

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. _____

Aircraft Registration No. _____

Aircraft Manufacturer _____

Model _____

Serial No. _____

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____
11.	_____	_____
12.	_____	_____
13.	_____	_____
14.	_____	_____
15.	_____	_____
16.	_____	_____
17.	_____	_____
18.	_____	_____
19.	_____	_____
20.	_____	_____

DATE	AIRFRAME TIME IN SERVICE	ENGINE TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7/17/86			<p>Revised wiring & Reinstalled HI NAV. repaired wiring between NAV converter and HSI DETAILS ON FILE UNDER KC AC 2265</p> <p>I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.171 LAW PART 43, APPENDIX E HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO 20,000 FEET AND TEST RESULTS ARE UNDER SHOP ORDER NUMBER <u>AC 2265</u> DATE <u>7/17/86</u> SIGNATURE <u>James B. Bader</u> OLMSTED INSTRUMENT COMPANY REPAIR STATION CERT. NO. 161-2</p>
			<p>I CERTIFY THAT THE TRANSPONDER TEST AND INSPECTION REQUIRED BY FAR 91.172 LAW PART 43, APPENDIX F HAVE BEEN PERFORMED ON DATE <u>7/17/86</u> TEST REPORT FILE ON FILE UNDER SHOP ORDER NUMBER <u>AC 2265</u> SIGNATURE <u>James B. Bader</u> OLMSTED INSTRUMENT COMPANY REPAIR STATION CERT. NO. 161-2 <u>DUAL TRANSPONDERS</u></p>
20 July 87			<p>install Avionics West EC-200 Entertainment Center using installation manual supplied By manufacturer Ser 337 & w/v & bal this Doc</p> <p><u>Orville Elyng Soy</u> CRS103-2 <u>William J. Kelly</u></p>

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
18 Nov 87			install transformer to change EC 200 stereo 8ohm out put to 500 ohm output interconnected with David Clark 150com in aircraft install Rear Jacks in aircraft w/o # 14182 Braden Flying Ser CRS1032 Willie Kelly

7-19-88			Removed & Replaced Kt 76 Xponder mode A Reinstalled & Tested as part of static cert.
---------	--	--	---

I CERTIFY THAT THE TRANSPONDER TEST AND INSPECTION REQUIRED BY FAR 91.172 IAW PART 43, APPENDIX F HAVE BEEN PERFORMED ON DATE 7-19-88 FILE UNDER AC-1093
 SIGNATURE Philip S. Balthanz
 OLMSTED INSTRUMENT COMPANY
 REPAIR STATION CERT. NO. 161-7

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.171 IAW PART 43, APPENDIX E HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN CHECKED TO 20,000 FEET AND TEST RESULTS ARE ON FILE UNDER AC-1093.
 DATE 7-19-88
 SIGNATURE Philip S. Balthanz
 OLMSTED INSTRUMENT COMPANY
 REPAIR STATION CERT. NO. 161-7

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed. The altimeter was tested to 20,000 feet. Date 8-22-90. Static system test date 8-22-90.</p> <p>Signature <i>James Black</i></p> <p>Lancaster Aviation, Inc. LANCASTER AVIATION, INC. Repair Station #110-4 <i>ECU</i> RD #3, LITIZ, PA 17543 KT76 <i>N6130V</i> CRS 110-4</p> <p>The transponder installed in this aircraft has been in accordance with FAR 91.413.</p> <p><i>James Black</i> 8-22-90</p>



LANCASTER AVIATION, INC.
 LANCASTER AIRPORT P.O. BOX 375 LITIZ, PA 17543 717-569-5341

ALTIMETER & STATIC SYSTEM EVALUATION PER FAR 91.411-PAR 43, APP.E

CUSTOMER *CAP Aviation* TYPE *A/C Bonanza* # *N6130V*

ALTIMETER	LH	RH	ENC	LH	TOL	RH
Mfg. Aeronauc			Encodin	Cable Leak	10	1100
P/N Digitizer			Altimeter	System Leak	20	1100
S/N				HYSTERESIS:		
ERROR	LH	RH	TOL	ENC 125'	50% Max.	55 ± 75
-1000	-5	20		940	40% Max.	40 ± 75
zero	-15	20	-20	170	After Effect	15 ± 20
500	+10	20	480	570	FRICTION	
1000	+5	20	990	1090	1000	30 70
1500	+5	25	1490	1565	2000	40 70
2000	-10	30	1990	2060	3000	40 70
3000	0	30	2490	2070	5000	55 70
4000	-20	35	2990	4080	10000	60 80
6000	-20	40	3495	6055	15000	65 90
8000	0	60	3995	8090	20000	70 100
10000	-20	80	4495	10065	25000	70 120
12000	-20	90	4990	12080	30000	140
14000	-30	100	5490	14050	35000	160
16000	-35	110	5990	16065	40000	180
18000	-40	120	6495	18070	50000	250
20000	-20	130	6995	20075	PRESSURE-ALTITUDE DIFFERENCE-TOL 17'	
22000		140			28.10 -3	7130 -1727
25000		155			28.50 0	-1240 -1340
30000		180			29.00 -2	-865 -863
35000		205			29.50 +2	-370 -392
40000		230			29.92 -5	-5 zero
45000		255			30.50 -1	530 + 531
50000		280			30.90 +12	905 + 893
					30.99 +6	960 + 974

Pilot Altimeter Only

PASS/FAIL LH RH ENC LH RH

TECHNICIAN *J. Black* DATE *8-22-90* *JCB* 5C-1

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>8/22/90 ALIGN KIMS KI-525, KN-77 VOR/LOC, KN-73 G/S REC. AND KI-211C VOR/LOC/G/S. REMOVE WX-10A STORMSCOPE FOR FACTORY REPAIR</p> <p>Approved for return to service. Pertinent details are on file at this repair station under work order No. <u>R16483</u> Date <u>8/22/90</u> By <u>James Dale Star</u> Lancaster Aviation, Inc. CRS 110-4</p>
			<p>Sept 17, 1990 Bonanza N 6135V Reinstalled Repaired WX-10A Stormscope in Panel. Functional check OK.</p> <p>Approved for return to service. Pertinent details are on file at this repair station under work order No. <u>R16483</u> Date <u>9/16/90</u> By <u>James Dale Star</u> Lancaster Aviation, Inc. CRS 110-4</p>

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
11-30-90			Removes Apollo 612 Loran C Receiver and Antenna.
			<p>Installed King KLN-88 Loran C Receiver and Antenna and KA-33 Cooling Fan S.A.W. AC 43.13-2A Chaps. 2 & 3 and AC 20-121A and appropriate manufacturers installation manuals. Loran CBI information selectable to HSI and Autopilot with a lighted pushbutton annunciator in plain view of the pilot. FAA Approved Flight manual supplement to be added to A/C P.O.H. upon IFR approval. Panel placards "Loran system to be used for VFR only" pending IFR approval. WEIGHT & Balance Recalculated. See 337 this date.</p> <p>The above installed equipment was functionally tested and found to perform its intended functions with no adverse effects on other A/C systems.</p> <p>new A/C Empty wt. 2331.4 lb. new A/C E.W. C.G. 51.79 in. new A/C useful load 1168.6 lb.</p> <p>Approved for return to service. Pertinent details are on file at this repair station under work order</p> <p>No. <u>R16999</u></p> <p>Date <u>11-30-90</u> By <u>James Dale [Signature]</u> Lancaster Aviation, Inc. CRS 110-4</p>
			<p>change Adjustment Pots and Align KT 76750 Xpndr</p> <p>Approved for return to service. Pertinent details are on file at this repair station under work order</p> <p>No. <u>R17700</u></p> <p>Date <u>6-6-91</u> By <u>[Signature]</u> Lancaster Aviation, Inc. CRS <u>46TR076C</u></p>

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
1-13-92			Removed King KX170A, KR85 system, KN 73 and KN 77. Installed King KY197A, KNS80, KR87 and KI229 according to Manufacturer's Instructions and all advisory circulars. WTB Revised E Causal 2377804
			CARROLL AVIONICS, INC. WESTERLY AIR SERVICE BLDG. STATE AIRPORT WESTERLY, RI 02891
New Receipt	2329	60	F.A.A. REPAIR STATION UQ 6R 258 N
New am	81	81	
New Moment	190573	95	
Used load	1170	40	
MARCH 25, 1993 N6130V S35 D-7797			<h2 style="text-align: center;">United Beechcraft</h2> <p style="text-align: center;">A BEECH AIRCRAFT COMPANY</p> <p style="text-align: center;">P.O. BOX 870667 • DALLAS, TEXAS 75287-0667</p> <p style="text-align: right;">WORK ORDER: 25863 TACH: 0017.6</p>
<p>REMOVED AUTOPILOT COMPUTER P/N 065-0043-00 S/N 1174 FOR BENCH TEST/REPAIR. REMOVED AUTOPILOT MODE CONTROL UNIT P/N 065-0033-00 S/N 1240 FOR BENCH TEST/REPAIR. FOUND VERY INTERMITTENT AUTOPILOT DISCONNECT SWITCH - REMOVED AND REPLACED SWITCH P/N P2-110311. REINSTALLED SAME TESTED TESTED/SERVICEABLE AUTOPILOT COMPUTER AND MODE CONTROL UNIT. SYSTEM OPS CHECKS OK ON GROUND TEST.</p>			<p style="text-align: right;"><i>Max Klembane</i> A&P 296505674</p>

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------------------	-----------------------------------	---

N6130V
s/n D-7797
S35

United Beechcraft

A BEECH AIRCRAFT COMPANY

9/10/93
WO# 26195
tach 66.7

P.O. BOX 870667 • DALLAS, TEXAS 75287-0667

REMOVED #4 EGT PROBE FOR GRAPHIC ENGINE MONITOR UNIT. REINSTALL NEW REPLACEMENT PROBE P/N 2870 S/N 44349. FUNCTION CHECK GEM SYSTEM. #4 CHT INDICATION CHECKS BAD.

N 6130V DATE 9/10/93

This certifies that the inspection required by F.A.R. 91.411 has been performed and complies with the requirements of F.A.R. 43 appx. E. This aircraft is approved for return to service.

Altimeters tested by EXECUTIVE INST. on
WO # 68334 to 27 K feet.
#1 P/N 101627-01347 S/N C35260
#2 P/N _____ S/N _____

Signed [Signature] W.O. # 26195
9/10/93

N 6130V DATE 9/10/93

This certifies that the inspection required by F.A.R. 91.413 has been performed and complies with the requirements of F.A.R. 43 appx. F. This aircraft is approved for return to service.

#1 XPRD Model KT-76730 S/N 30583
#2 XPRD Model _____ S/N _____
W.O. # 26195

Signed [Signature] 9/10/93

**UNITED BEECHCRAFT-DALLAS
XA12605K**

9-6-94

Replaced detector vertical and compass with new model. VC 200-R Hamilton.

Beechcraft

DESCRIPTION OF SERVICE PERFORMED

1 KLN-88 ROTARY SWITCHES INTERMITTENTLY INOP
REMOVED INOPERATIVE KLN-88 P/N 066-4026-00 S/N 3091.
INSTALLED LOANER KLN-88 P/N 066-4026-00 S/N 2682. OPS CHECKS GOOD. RECEIVED REPAIRED UNIT S/N 3091.
INSTALLED CUSTOMERS REPAIRED KLN-88 S/N 3091. FUNCTION TESTED GOOD.

9004683 O/S KLN-88 S/N 3091
MSC RESALABLE SUPPLIES
FRT SHIPPING CHARGES

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
12/22/94			Repair Astroteck Yoke clock.
1/20/95	Sherry Swickard		Replace ELT Battery #89

United Beechcraft

A BEECH AIRCRAFT COMPANY

N6130V
S/N D-7797
S-35 BONANZA

P.O. BOX 870667 • DALLAS, TEXAS 75287-0667

9-24-95
WO# 28034
TACH 272.4

REMOVED 8 DAY CLOCK P/N 4000-1014 S/N 773, INSTALLED NEW CLOCK P/N 4000-1014 S/N 23090. OPS CHECKS GOOD. REMOVED AND REPLACED INTERMITTENT SONALERT. OPS CHECKS GOOD. REMOVED KNS-80 RNAV UNIT P/N 066-4008-00 S/N 17571 FOR BENCHCHECK AND REPAIR. TORE DOWN UNIT AND TROUBLESHOT, REPLACED H.V LEVEL SHIFTER, 3 CATHODE DRIVERS AND I-1116 DATA SELECTOR I.C. TO RESTORE DISPLAY TO NORMAL OPERATION. CLEANED AND RESEALED P/C BOARD IN AREA OF REPAIRS. REASSEMBLED AND PERFORMED RNAV/LOC/VOR CALIB. TO MFG'S SPECS OPS CHECKS GOOD. REINSTALLED RNAV UNIT INTO A/C, SAME P/N AND S/N. OPS CHECKED RNAV SYSTEM CHECKS GOOD.

Don Flork
UNITED BEECHCRAFT-DALLAS
XA12605K

United Beechcraft

A BEECH AIRCRAFT COMPANY

P.O. BOX 870667 • DALLAS, TEXAS 75287-0667

N 6130V DATE 9-22-95

This certifies that the inspection required by F.A.R. 91.411 has been performed and complies with the requirements of F.A.R. 43 appx. E. This aircraft is approved for return to service.

Altimeters tested by AEROSPACE INST. SUPP. on
WO # 1685 to 27 K feet.

#1 P/N 101627-01344 S/N 235260

#2 P/N S/N

Signed Don Flork W.O. # 28034

N 6130V DATE 9-22-95

This certifies that the inspection required by F.A.R. 91.413 has been performed and complies with the requirements of F.A.R. 43 appx. F. This aircraft is approved for return to service.

#1 XPRD Model KT-76 S/N 30585

#2 XPRD Model S/N

Signed Don Flork W.O. # 28034

UNITED BEECHCRAFT-DALLAS
XA12605K

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
OCTOBER 13, 1995 N6130V S-35 D-7797			<p style="text-align: center;">Raytheon Aircraft Services P.O. BOX 700667 • DALLAS, TEXAS 75370</p> <p style="text-align: right;">WORK ORDER: 28197 TACH: 0274.5</p> <p>TROUBLESHOT RMI AND LORAN SYSTEM. PULLED RMI AND FOUND AT THE CONNECTOR ON RMI 2 PINS BENT AND CORROSION, CLEANED PINS AND REALIGNED PINS. TUNED SLIDE LOCK AROUND TO PREVENT BINDING. OPS CHECKS GOOD.</p> <p style="text-align: center;"><i>Jim Abbott</i> RAYTHEON AIRCRAFT SERVICES CRS XA1260SK</p>	
N6130V S/N D-7797 BEECH S35			<p style="text-align: center;">Raytheon Aircraft Services P.O. BOX 700667 • DALLAS, TEXAS 75370</p> <p style="text-align: right;">12-8-95 WO# 28289 HOBBS 299.5</p> <p>REMOVED KT-76 TRANSPONDER P/N 066-1034-00 S/N 30583 FOR BENCHCHECK AND REPAIR. TORE UNIT DOWN AND TROUBLESHOT. ADJ. BOTH MODE A AND MODE C DECODERS AND TX. P.W. TO MFG'S SPEC'S. ADJ. REPLY CLOCK OSC. TO SET REPLY PULSE SPACING TO SPEC. TESTED ALL MODES, CODES, AOC, SLS, IDENT., REC. SENS. TEST, TX. PWR, FREQ. & P.W. TO MFG. SPEC'S. REASSEMBLED AND FINAL TESTED GOOD. REINSTALLED UNIT IN AIRCRAFT. THE INTEGRATED ENCODER/ TRANSPONDER ALTITUDE REPORTING SYSTEM HAS BEEN TESTED, INSPECTED AND FOUND TO COMPLY WITH FAR 43, APP. E, PARA. (c).</p> <p>REMOVED KC-290 AUTOPILOT CONTROLLER P/N 065-0033-00 S/N 1240. TORE DOWN AND TROUBLESHOT. REPLACED BROKEN SWITCH LEVER WITH NEW PART P/N 088-00535-0002. FUNCTION CHECKED UNIT. GOOD. REINSTALLED UNIT IN AIRCRAFT AND OPS CHECKED. GOOD.</p> <p>REWIRED DAVID CLARK INTERCOM SYSTEM TO ELIMINATE STATIC BEING HEARD IN INTERCOM SYSTEM. OPS CHECKED INTERCOM SYSTEM. CHECKS GOOD.</p> <p style="text-align: right;"><i>Jim Abbott</i> RAYTHEON AIRCRAFT SERVICES CRS XA1260SK</p>	

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOMLINSON AVIONICS OF TEXAS INC. 5050 Warbird Drive Denton, Texas 76207 (940) 382-2460 CRS #T3TR390N			
TESTED AND INSPECTED TRANSPONDER IN ACCORDANCE WITH FAR 91.413, APPENDIX F AND PARAGRAPH (c) OF APPENDIX E. #1 TRANSPONDER MOD <u>KT 76</u> SN# <u>30583</u> #2 TRANSPONDER MOD <u>N/A</u> SN# <u>N/A</u> DETAILS ON FILE THIS STATION UNDER W.O.# <u>2213</u> DATE <u>9-14-98</u> SIGNED <u>[Signature]</u> FOR TOMLINSON AVIONICS OF TEXAS CRS#T3TR390N DENTON , TX. 75207			
30 MAR 99	TACU 624.2		RSR Extended Antenna (Hand Held) Bureau of Aircraft Maintenance
TOMLINSON AVIONICS OF TEXAS INC. Kickapoo Downtown Airport Hanger #60 Wichita Falls, Texas 76302 Ph/Fax (940) 322-3533 Mobile (940) 781-7749 CRS #T3TD390N			
TESTED AND INSPECTED TRANSPONDER IN ACCORDANCE WITH FAR 91.413, APPENDIX F AND PARAGRAPH (c) OF APPENDIX E. #1 TRANSPONDER MOD <u>GTX 320</u> SN# <u>83501246</u> #2 TRANSPONDER MOD <u>N/A</u> SN# <u>N/A</u> DETAILS ON FILE THIS STATION UNDER W.O.# <u>1171</u> DATE <u>11-11-99</u> SIGNED <u>[Signature]</u> FOR TOMLINSON AVIONICS OF TEXAS CRS# T3TD390N WICHITA FALLS, TX. 76302			

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>TOMLINSON AVIONICS OF TEXAS INC. Kickapoo Downtown Airport Hanger #60 Wichita Falls, Texas 76302 Ph/Fax (940) 322-3533 Mobile (940) 781-7749 CRS #T3TD390N</p> <p>TESTED AND INSPECTED TRANSPONDER IN ACCORDANCE WITH FAR 91.413, APPENDIX F AND PARAGRAPH (c) OF APPENDIX E. #1 TRANSPONDER MOD <u>GTX320</u> SN# <u>83501246</u> #2 TRANSPONDER MOD <u>N/A</u> SN# <u>N/A</u> DETAILS ON FILE THIS STATION UNDER W.O.# <u>1171</u> DATE <u>12-02-99</u> SIGNED <u>E. S. Caudle</u> FOR TOMLINSON AVIONICS OF TEXAS CRS# T3TD390N WICHITA FALLS, TX. 76302</p>

12-02-99 Removed KG102 ser # 4085, replaced with new unit ser # 44531. System checks good.

Eric S. Caudle
Eric S. Caudle
Tomlinson Avionics of Texas Inc.
CRS# T3TD390N

SANTA FE AVIONICS
 Repair Station B53R052Y
 Santa Fe New Mexico

DATE <u>9-6-01</u>	WO# <u>1661</u>	A/C TIME <u>709.6</u>
A/C MODEL <u>S-35</u>	TAIL # <u>6130V</u>	SERIAL # <u>07797</u>

I CERTIFY THAT THE ALTIMETER, STATIC SYSTEM AND ALTITUDE REPORTING COMPONENT WAS TESTED AND MEETS THE REQUIREMENTS OF FAR 91.411 AND FAR 43 APPENDIX E.

ALTIMETER TESTED TO: 20,000'
 (L) S/N 420766 (R) S/N NA (ENC) S/N 72822

I CERTIFY THAT THIS TRANSPONDER IN THIS AIRCRAFT HAS BEEN TESTED AND MEETS THE REQUIREMENTS OF FAR 91.413 AND FAR 43 APPENDIX F INTERROGATION TEST WAS PERFORMED IN ACCORDANCE WITH FAR 91.213

#1 MODEL # <u>GTX 320</u>	S/N <u>83501246</u>
#2 MODEL # <u>NA</u>	S/N <u>NA</u>

INSP Bud Christiano

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	--------------------------	--------------------------	---

CUTTER AVIATION, INC.
ALBUQUERQUE

FAA Repair Station GMZR383E
505 842-4184

REG # 6130V
S/N D-7797
HM N/A
TACH 801.7

DATE 10-18-2004
W/O B6055
AFTT N/A

I certify that Altimeter tests and inspections required by FAR 91.411 have been performed and comply with FAR 43 APPD. E(b). The static system has been tested as required by FAR 91.411 and found to comply with FAR 43 APPD. E(a) tolerance on Date: 10-18-2004

(LH S/N) 420766 (DATE) 10-18-2004 (Tested To) 20,000FT

I certify that the Transponder tests and inspections required by FAR 91.413 have been performed and found to comply with FAR 43 APPD.F.

(Model No.) GTX-320 (S/N) 83501246 (Date) 10-18-2004

The integrated system was tested as required by FAR 91.413 and FAR 91.217 and found to comply with FAR 43 APPD. E (c) on Date: 10-18-2004

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.

Gary Jones

SIGNATURE: 

Page 1 of 1

DATE - November 13, 2006 * N6130V * W/O - 19429 * Tach - 822.6 * LOGBOOK ENTRY

- 1) Removed KMA-20, KX-170B, KI-214, Co2 warning system, and Altitude warning system. Also removed these systems wiring.
- 2) Installed a GPS IFR approved non precision approach system consisting of a new TSO C129A1 GARMIN GNS 430 GPS/NAV/COM, s/n 97136322, and a new GA 56, s/n 59424060, antenna displayed on the existing KI-525A HSI. See FAA Form 337 for procedures followed and ICA information. This system has been flight checked and meets the performance standards of AC20-138A for enroute, terminal, and non-precision approach; see approved FAA Form 337 and FMS p/n "6130V GNS-430 FMS.doc". ICA: See Garmin GNS 430 IM: On Condition Only.
- 3) Installed new Garmin TSO'd GMA 340 Audio/Marker/Intercom panel, s/n 96270543, at the top of the center radio stack IAW Garmin IM p/n 190-00149-01 (Rev L), dated 6/30/03. Wired for 4 position Intercom with the Music Gain and Music Mix upper right side of the pilots instrument panel; utilized existing Marker Antenna and new RG-400 Coax. System ops checked correctly with IFR-402AP. ICA: On Condition Only
- 4) Installed new Garmin GI-106A CDI, s/n H06-10043, in the pilots panel to display the outputs of both the KNS-80 and the KLN-88 through the existing switch utilizing new tefzel wire IAW Garmin IM: 190-00180-00 Rev C April 2001. System ops checks correctly with NAV-402AP
- 5) Installed MRK-403 Rotary Switch to select the GNS-430, KNS-80, or KLN-88 to display on the KI-229 RMI IAW Bendix/King IM: 006-00192-0002 Rev 2 Jan 1983. System ops checks correctly
- 6) Removed existing avionics fan and replaced with new Lonestar Avionics Cyclone 3 Port Fan, p/n CRB-6457 s/n 003-005973, utilizing new tefzel wire and existing breaker and cooling hose. Installed IAW Lonestar Aviation Corp Drawing # CRB6457-05 Rev 1 dated 12/16/02.
- 7) Installed new glove box constructed of new T6 .040 Aluminum and AN hardware on the right hand side of the co-pilots panel.
- 8) Removed and reinstalled altimeter s/n 420766 and encoder s/n 72822 after bench check.
- 9) Altimeter and static system tests required by FAR 91.411 were performed and comply with FAR 43, Appendix E, on N6130V. Altimeter s/n 420766, was tested to 20K feet.
- 10) ATC transponder tests required by FAR 91.413 were performed and comply with FAR 43, Appendix F, on Model KT-76A with TR-220.
- 11) Installation Practices followed include: AC43.13-1B paragraphs 7-34(hardware used conforms to proper type for the uses intended), 11-30(within load limits, per 11-36), 11-31, 11-32, 11-96 and 11-100 and 11-103(as applicable), 11-115, 12-1(a, b, c), and AC43.13-2A paragraphs 4, 6, 8, 9, 10, 11, 21, 22, 23b, 23c, e (utilized AN hardware), 27 a, b, c, d, e, g.
- 12) New W&B data: EW = 2317.70#, CG = 82.59", MOM = 191409.75, USEFUL = 1182#

Dated 11/13/06

Insp. By Mark Colman -- For DEPOT AVIONICS, INC. FAA # GM6R566N 

