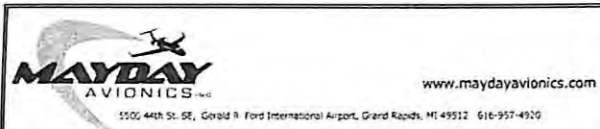


7345R

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AVIONICS  
MAINTENANCE  
RECORDS**

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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DATE	5-17-2021	S.O.	63272
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
A/C HOURS	4068.5		

Installed the Garmin GTX 345 Transponder with ADS-B "Out" Functionality, S/N 3EG041582. System was tested and inspected IAW 14 CFR § 91.413. The installed ADS-B "Out" system was shown to meet the equipment performance requirements of 14 CFR Section 91.227. Reference Garmin Doc. No.: 190-00734-11, Rev 5 for GTX 345 ICA.

- o Reference FAA form 337 dated 5-17-2021 for pertinent details of the above installation.
- o The Weight & Balance and Equipment List have been revised
- Fabricated and installed a new pilot and engine instrument panels. Panels were powder coated by outside facility.
  - o Work performed referencing the Beech Baron B55 Maintenance Manual, P/N 55-590000-13, Rev G12.
- Removed and reinstalled the refurbished edge-lit Circuit Breaker and Switch Panel. Replaced 7 instrument light trays with new, P/N 6015358-3 and replaced all burnt out glareshield, instrument, and placard lamps with new.
  - o Work performed referencing the Beech Baron B55 Illustrated Parts Catalog, P/N 58-590000-19, Rev Y and the Beech Baron B55 Maintenance Manual, P/N 55-590000-13, Rev G12.

<<<<< Continued Pg. 2 of 3 >>>>>



DATE	5-17-2021	S.O.	63272
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
A/C HOURS	4068.5		

- Repaired the pilot's loose left-side yoke cap attach point and secured cap referencing the Beech Baron B55 Maintenance Manual, P/N 55-590000-13, Rev G12.
- Secured loose interior panels per the Beech Baron B55 Maintenance Manual, P/N 55-590000-13, Rev G12.
- Removed and reinstalled the repaired Edo-Aire 1D496-01002 Autopilot Computer, S/N 1043E. Performed system ground operation checks – no discrepancies noted.
  - o Work performed referencing the Century Systems Maintenance Manual, P/N 68S89, Rev date 1994.
- Cleaned and re-tensioned rear intercom jacks – copilot side. Tested and inspected all intercom jacks – no discrepancies noted.
- Degaussed yoke control column and arm assembly; installed MU-metal below compass under the glareshield. Performed a Compass Calibration IAW AC 43.13-1B, Ch. 12, Sect. 3.

<<<<< End Pg. 3 of 3 >>>>>

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

*Michael Brooks*  
FOR FAA CRS YXXR387Y

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



DATE	5-17-2021	S.O.	63272
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
A/C HOURS	4068.5		

The following altimeter and altitude reporting equipment test and inspections required by FAR 91.411 IAW FAR Part 43, Appendix "E" have been performed:		The ATC Transponder tests and inspections required by FAR 91.413 IAW FAR Part 43, Appendix "F" have been performed:	
Paragraph (a) Static Pressure System: Certification Date: 5-17-2021		Transponder Certification Date: 5-17-2021	
Pilot (#1): X	Copilot: <input type="checkbox"/>	Standby: <input type="checkbox"/>	
#1 Model: GTX 345	P/N: 011-03302-01	S/N: 3EG041582	
Paragraph (b) Altimeter:			
SYSTEM	PART NUMBER	SERIAL NUMBER	TESTED TO:
#1 Altimeter	EFD1000	9710667	20,000 FT
#1 Encoder	EFD1000	9710667	20,000 FT
#2 Altimeter			
#2 Encoder			
Standby Altimeter	5934P-3 A.194	403410	20,000 ft.
Paragraph (c) Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Test:			
#1 System X		#2 System <input type="checkbox"/>	
Certification Date: 5-17-2021			

*Michael Brooks*  
FOR FAA CRS YXXR387Y

DATE: 5-17-2021

AIRCRAFT LOG BOOK ENTRY

A/C Make Beechcraft Model 95-B55 Reg. # N7345R  
 Total Time 4,181.6 Tach Time N/A Hobbs Time N/A

This aircraft's Static System, Altimeter Systems and Altitude Reporting Equipment have been inspected and tested in accordance with FAR 43 appendix E paragraph (a), (b) and (c) to comply with FAR 91.411.

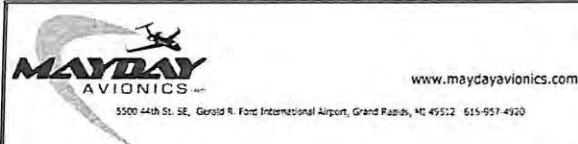
Pilot Alt. / ADC	P/N	EFD1000	S/N	9710667	Tested to	20,000	Ft.
Copilot Alt. / ADC	P/N		S/N		Tested to		Ft.
Standby Alt.	P/N	5934P-3A.194	S/N	403410	Tested to	20,000	Ft.
Item	P/N		S/N		Tested to		Ft.
Item	P/N		S/N		Tested to		Ft.

The aircraft's ATC Transponder System has been inspected and tested in accordance with FAR 43 appendix F to comply with FAR 91.413.

Transponder Model GTX 345 P/N 011-03302-01 S/N 3EG041582  
 Transponder Model \_\_\_\_\_ P/N \_\_\_\_\_ S/N \_\_\_\_\_

W.O. # BAF-006783 Date 07-14-2023 Inspector Doric L. Dods  
 Ross Aviation Flight Maintenance CRS #8RXR604D

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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DATE	3-28-19	S.O.	61692
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
HOBBS	3944.7		

Repaired broken wire at the Century 1B544-1 Disconnect Relay, S/N 1289.  
 o Performed autopilot system ground operation checks referencing the Century Flight Systems Manual No.: 68S89, Rev 5 – no discrepancies noted.

Reconfigured the GNS 430W, S/N 97135095 for proper ADS-B Out operation IAW the GNS 400W Series Installation Manual, P/N 190-00356-02, Rev H. Performed system ground operation checks – no discrepancies noted.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

FOR FAA CRS YXXR387Y

**MICHIGAN AVIATION CO.**

(248)666-3440 CRS NO. KL2R956K Date 6/19/2019

Reg. No. N7345R Ser. No. TC-1707

WO No. 34636 Hours 3967.9

Removed defective alternate static valve p/n58-380032. and installed new valve, certified altimeter pn 5934P-3 s/n 403410, and tested static system, and SSD120 encoder, s/n A42813 I.A.W. FAR 91.411 part 43 appendix E. to 20,000ft. Tested GTX330ES I.A.W. annual requirements of ICA. Certified GTX330ES transponder, s/n 84147019 and I. A.W. FAR91.413 part 43 appendix F. -----END-----.

The Aircraft/Component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

CRS NO. KL2R956K

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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DATE 6/18/2019 TESTED BY Jim Honer  
 ALTIMETER SERIAL NUMBER  
403410

SCALE CORRECTIONS			SCALE CORRECTIONS		
ADD Correction Algebraically			ADD Correction Algebraically		
Altitude	Ascending	Descending	Altitude	Ascending	Descending
-1000		0	18000	0	
0		0	20000	+5	
500	0		22000		
1000	0		25000		
1500	+5		30000		
2000	+15		35000		
3000	+5		40000		
4000	0		45000		
6000	-5		50000		
8000	-20		53000		
10000	-30		55000		
12000	-20		HYS. 40%		+20
14000	-10		HYS. 50%		+25
16000	-10		AFTER EFFECT		+15



DATE	5-17-2021	S.O.	63272
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
A/C HOURS	4068.5		

Removed the Collins: 331A-3G HSI, 328A-3G Slaving Accessory, 332E-4 DG, 323A-2G Flux Detector. Also removed the Bendix/King KX 155 NAV/COM, KI 209 CDI, Edo Aire 52077 Attitude Gyro, Garmin GNS 430W Navigation System, GTX 330ES Transponder, a Deklin DWA1000 GPS Annunciator Unit, Goodrich 1100-28LS Electric Standby Attitude Gyro, and the TCI SSD120 Encoder.

Installed an Aspen EFD1000 Primary Flight Display (PFD) System, consisting of: the EFD1000 PFD, S/N 9710667; a Remote Sensor Module (RSM) w/GPS, S/N 204841; a Configuration Module; EA100 Gyro Adaptor, S/N 3081; Analog Converter Unit (ACU), S/N 18739; Sigma-Tek 5000B-66 Attitude Gyro, S/N T70851N. Reference Doc. No. 900-00012-001, Rev. AE for EFD1000 ICA.

Installed a Garmin GTN 750 GPS-WAAS Navigation System, S/N 1ZA022864; GTN 650 GPS-WAAS Navigation System, S/N 1Z8022054; GI 106A CDI, S/N E23362; and a GA 35 GPS-WAAS Antenna, S/N 189961. Reference Garmin Doc. No.: 190-01007-A1, Rev. 12 for GTN 750 & GTN 650 Instructions for Continued Airworthiness.

- Installed the GA 35 GPS-WAAS Antenna IAW AC 43.13-1B, para 4-57 and AC 43.13-2B, Chapter 3.

o Reference FAA form 337 dated 5-17-2021 for pertinent details of the above installation.

<<<< Continued Pg. 1 of 3 >>>>

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

DATE	4-25-16	S.O.	58454
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
HOBBS	6717.1		

Removed, repaired and reinstalled the Century 1C497-8 Flight Programmer, S/N 560.  
 Removed, repaired and reinstalled the Century 1B544-1 Disconnect Relay, S/N 1289.  
 o Performed autopilot system ground operation checks referencing the Century Flight Systems Manual No.: 68S89, Rev 2 – no discrepancies noted.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

*Jeff Young*

FOR FAA CRS YXXR387Y

12-9-16 INSTALLED PS ENGINEERING PMA7000M BT ~~HT~~ PLUG IN PLUG  
 IN PLACE OF PS ENG. PHOTOGRAPH IAW MFR'S INSTALL INSTRUCTIONS  
 Call Holl 371545592 M3P OPS CK OK

P.N. N: 050-781-0604  
 SN: BM01096

PS-17 Passed Inspection	
Model: *PMA7000M BT*	Serial Number: *BM01096*
Part Number: *050-781-0604*	
The article identified above was manufactured and passed inspection in conformity with the PS Engineering Quality Management System, and is in condition for safe operation. All applicable tests have been performed. These test results are on file and available on request.	
<input checked="" type="checkbox"/> FAA TSO <input type="checkbox"/> STC-PMA <input type="checkbox"/> No	Inspected By: A73 Inspection Date: 11/11/2016

Signed: *Randy Beavers* 002-000-0171 Rev 5 January 2013  
 Randy Beavers, Greg Ledbetter, Mark Hartsell, or Armando Guzman - Quality Control Inspectors

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

DATE	6-8-17	S.O.	59943
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
HOURS	3832.2		

The following altimeter and altitude reporting equipment test and inspections required by FAR 91.411 IAW FAR Part 43, Appendix "E" have been performed:

The ATC Transponder tests and inspections required by FAR 91.413 IAW FAR Part 43, Appendix "F" have been performed:

Paragraph (a) Static Pressure System:  
 Certification Date: 6-8-17

Transponder Certification Date: 6-8-17

Pilot (#1):  Copilot:  Standby:

#1 Model: GTX 330ES	P/N:	S/N: 84147019
#2 Model:	P/N:	S/N:

Paragraph (b) Altimeter:

SYSTEM	PART NUMBER	SERIAL NUMBER	TESTED TO:
#1 Altimeter	5934P-3 A.194	403410	20,000 ft.
#1 Encoder	SSD120-30A	42813	20,000 ft.
#2 Altimeter			
#2 Encoder			
Standby Altimeter			

Paragraph (c) Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Test:

#1 System  #2 System  Certification Date: 6-8-17

*Jeff Young*  
 FOR FAA CRS YXXR387Y

DATE: 6-8-17



www.maydayavionics.com

DATE	6-8-17	S.O.	59943
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
HOURS	3832.2		

Repaired multiple static system leaks and performed system leak check IAW AC 43.13-1B, Chapter 12, Section 4.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

*Jeff Young*

FOR FAA CRS YXXR387Y

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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**MICHIGAN AVIATION CO.**

(248)666-3440 CRS NO. KL2R956K Date 12-26-2014

Reg. No. N7345R Ser. No. TC-1707

WO No. 33928 Hours 3607.9 Hobbs

Removed Pilot's existing PTT switch and replaced with new 39-1 switch and ramp tested - switch tests good. -----END-----

The Aircraft/Component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

CRS NO. KL2R956K *[Signature]*

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

Date 19 May, 2015 Tested By - ST  
 Altimeter Serial Number 403410

SCALE ERROR CORRECTION			SCALE ERROR CORRECTION		
ADD Correction Algebraically			ADD Correction Algebraically		
Altitude	Ascending	Descending	Altitude	Ascending	Descending
-1000	-5		18000	+10	
0	0		20000	+30	
500	0		22000		
1000	+10		25000		
1500	+5		30000		
2000	+10		35000		
3000	+5		40000		
4000	0		45000		
6000	-10		50000		
8000	-25		53000		
10000	-30		55000		
12000	-20		HYS. 40%		+25
14000	-10		HYS. 50%		+30
16000	0		After effect		+15

**MICHIGAN AVIATION CO.**

(248)666-3440 CRS NO. KL2R956K Date 5/19/2015

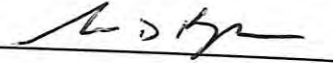
Reg. No. N7345R Ser. No. TC-1707

WO No. 33998 Hours 3637.0 Hobbs

Removed Altimeter and had repaired and recertified by IFL Instrument. Reinstalled repaired and certified altimeter pn 5934P-3 s/n 403410, and tested static system, and SSD120 encoder, s/n A42813 I.A.W. FAR 91.411 part 43 appendix E. to 20,000ft. Performed SB 1435, tested GTX330ES I.A.W. annual requirements of ICA. Certified GTX330ES transponder, s/n 84147019 and I.A.W. FAR91.413 part 43 appendix F. -----END-----


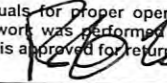
The Aircraft/Component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.


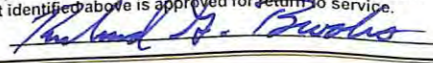
CRS NO. KL2R956K *[Signature]*

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>MICHIGAN AVIATION CO.</b>			
(248)666-3440 CRS NO. KL2R956K Date <u>2-5-2013</u>			
Reg. No. <u>N7345R</u> Ser. No. <u>TC-1707</u>			
WO No. <u>33556</u> Hours <u>3360.9</u> Hobbs			
Certified altimeter s/n 403410, static system, and SSD120 encoder, s/n A42813 I.A.W. FAR 91.411 part 43 appendix E. Certified KT76C transponder, s/n 5875 I.A.W. FAR 91.413 part 43 appendix F.			
-----END-----			
The Aircraft/Component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.			
CRS NO. KL2R956K 			

DATE 2-5-2013 TESTED BY Scott Kaluza  
 ALTIMETER SERIAL NUMBER  
403410

SCALE CORRECTIONS			SCALE CORRECTIONS		
ADD Correction Algebraically			ADD Correction Algebraically		
Altitude	Ascending	Descending	Altitude	Ascending	Descending
-1000		+20	18000	+10	
0		+10	20000	+40	
500		+15	22000	+50	
1000		+15	25000	+100	
1500	+5		30000		
2000	+10		35000		
3000	+10		40000		
4000	0		45000		
6000	-5		50000		
8000	-20		53000		
10000	-25		55000		
12000	-20		HYS. 40%		
14000	-10		HYS. 50%		+40
16000	-10		AFTER EFFECT		+30
					+40

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																
 																			
<table border="1"> <tr> <td>DATE</td> <td>6-25-13</td> <td>S.O.</td> <td>54636</td> </tr> <tr> <td>MAKE</td> <td>Beech</td> <td>N#</td> <td>N7345R</td> </tr> <tr> <td>MODEL</td> <td>95-B55</td> <td>S/N</td> <td>TC-1707</td> </tr> <tr> <td>HOBBS</td> <td>6421.6</td> <td></td> <td></td> </tr> </table>				DATE	6-25-13	S.O.	54636	MAKE	Beech	N#	N7345R	MODEL	95-B55	S/N	TC-1707	HOBBS	6421.6		
DATE	6-25-13	S.O.	54636																
MAKE	Beech	N#	N7345R																
MODEL	95-B55	S/N	TC-1707																
HOBBS	6421.6																		
Removed, repaired, and reinstalled the Bendix/King KX 155 NAV/COM, S/N 46426. Performed operations checks IAW the KX 155 Installation Manual, P/N 006-00179-0006, Rev 6 - no discrepancies noted.																			
All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.																			
FOR FAA CRS YXXR387Y																			

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																
 																			
<table border="1"> <tr> <td>DATE</td> <td>2-18-14</td> <td>S.O.</td> <td>55480</td> </tr> <tr> <td>MAKE</td> <td>Beech</td> <td>N#</td> <td>N7345R</td> </tr> <tr> <td>MODEL</td> <td>95-B55</td> <td>S/N</td> <td>TC-1707</td> </tr> <tr> <td>HOBBS</td> <td>3514.6</td> <td></td> <td></td> </tr> </table>				DATE	2-18-14	S.O.	55480	MAKE	Beech	N#	N7345R	MODEL	95-B55	S/N	TC-1707	HOBBS	3514.6		
DATE	2-18-14	S.O.	55480																
MAKE	Beech	N#	N7345R																
MODEL	95-B55	S/N	TC-1707																
HOBBS	3514.6																		
Removed the Garmin GNS 430 GPS/NAV/COM, GA 56 GPS Antenna, and a Bendix/King KT76C Transponder.																			
Installed the upgraded Garmin GNS 430W GPS/WAAS Navigation System, S/N 97135095 and a GA 35 GPS-WAAS Antenna, S/N 97949. Reference the Garmin document number 190-00356-65, Rev C for GNS 430W Instructions for Continued Airworthiness.																			
Installed the Garmin GTX 330 (ES) Transponder with ADS-B "Out" Functionality, S/N 84147019. System was tested and inspected IAW 14 CFR FAR 91.413. Reference the Garmin document number 190-00734-11, Rev 1 for GTX 330 Instructions for Continued Airworthiness.																			
<ul style="list-style-type: none"> <li>o Reference FAA form 337 dated 2-18-14 for pertinent details of the installation.</li> <li>o The Weight &amp; Balance and Equipment List have been revised.</li> </ul>																			
- Provisioned instrument panel and interface wiring for a portable Garmin Aera 796 GPS/MFD and GDL 39 ADS-B "In" Receiver IAW FAA Policy Statement No.: PS-ACE-23-01; and AC 43.13-1B, Chapter 11.																			
All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.																			
FOR FAA CRS YXXR387Y																			


Removed KLN94 CF card, updated KLN94 database current 11/13/10 to 12/15/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GO  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 12/10/10

Removed KLN94 CF card, updated KLN94 database current 12/16/10 to 01/12/11, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GO  
Geoffrey Applegate-Owner SMEL 550.02.9281


 www.maydayavionics.com <small>5500 44th St. SE, Gerald R. Ford International Airport, Grand Rapids, MI 49512 616-957-4920</small>			
DATE	4-7-11	S.O.	51597
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
A/C HOURS	3024.6		

Removed the Bendix/King KLN 94 GPS Receiver, King KX 170B NAV/COM, KY 196 COM, KNS 80 RNAV, KR 85 ADF, KI 225 ADF Indicator, KA 39 Voltage Converter, KN 75 Glideslope Receiver, and KI 226 RMI. Also removed the AID Power Inverter, Terra Electronic CDI, and the Mid-Continent MD41-528 GPS ACU.

Installed a Garmin GNS 430 GPS/NAV/COM, S/N 97135095 and Delkin DWA1000 GPS Annunciator, S/N 4268. Reference FAA form 337 dated 4-7-11 for pertinent details of the installation.

- o Installed a Garmin GA 56 GPS Antenna, S/N 59057020 IAW Mayday Avionics dwg. no.: GA56.B55.N7345R, Rev IR, dated 3-31-11; AC 43.13-1B, paragraph 4-57; and AC 43.13-2B, Chapter 3.
- o Installed a Bendix/King KX 155 NAV/COM, S/N 46426 and KI 209 CDI, S/N 51518 IAW Mayday Avionics dwg. no.: KX155.B55.N7345R, Rev IR, dated 3-28-11; AC 43.13-1B, Chapter 11; and AC 43.13-2B, Chapters 2 & 11.
- o Installed a Lonestar Cyclone 21 Cooling Fan, S/N 003-010112 IAW the manufacturers installation instructions and AC 43.13-1B, Chapter 11.

<<<< Continued Pg 1 of 2 >>>>

 www.maydayavionics.com <small>5500 44th St. SE, Gerald R. Ford International Airport, Grand Rapids, MI 49512 616-957-4920</small>			
DATE	4-7-11	S.O.	51597
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
A/C HOURS	3024.6		

- o Provisioned panel for an Electric Attitude Gyro IAW AC 43.13-1B, Chapter 11; and AC 43.13-2B, Chapter 11.
- o Replaced substandard wiring and rerouted.
- o Repaired the Century 1C497-8 System Programmer, S/N 560.
- o Cleaned and re-tensioned pins in the AP system connectors, repaired broken wire in disengage relay wiring. System ground checked - good.
- o Aligned the frequency of the King KT 76C Transponder, S/N 5875.


The Weight & Balance and Equipment List have been revised.

<<<< End Pg 2 of 2 >>>>

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

Michael A. Boobis  
FOR FAA CRS YXR387Y

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4/13/11	3028.6	Hobbs	INSTALLED AIM ELEC GYRO P.N. 504-0111-942, S.N. 504011194225080 AFTER O/H BY SUPERIOR INSTS. <u>Colin Stetler A&amp;P 371545592</u>

 www.maydayavionics.com <small>5500 44th St. SE, Gerald R. Ford International Airport, Grand Rapids, MI 49512 616-957-4920</small>			
DATE	5-20-11	S.O.	51597
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
A/C HOURS			

Approved the Garmin GNS 430 GPS system as installed for IFR En Route, Terminal, and Non-Precision Approach.


The GNS 430 GPS System was ground and flight checked in accordance with the Mayday Avionics, Inc. GPS Non-Precision Approach Flight Test Plan. The GNS 430 GPS meets the minimum accuracy requirements of AC 20-138B, Chapter 20, Paragraph 20-2 for GPS IFR En Route, Terminal, and Non-Precision Approach.

The "GPS APPROVED FOR VFR USE ONLY" placard may be removed.

- o Reference FAA form 337 dated 5-20-11 for pertinent details of the installation.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

Edward Grant  
FOR FAA CRS YXR387Y

 www.maydayavionics.com <small>5500 44th St. SE, Gerald R. Ford International Airport, Grand Rapids, MI 49512 616-957-4920</small>			
DATE	9-30-2011	S.O.	52409
MAKE	Beech	N#	N7345R
MODEL	95-B55	S/N	TC-1707
HOBBS	3134.7		

Removed, repaired, and reinstalled the Collins 331A-3GP/N 522-2632-006 S/N 6059, ops checked and confirmed working, IAW the Collins install manual. Installed new Comant CI-120 G/S, nav antenna blades. Ground checks revealed no discrepancies.


All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

Perry Molegraf  
FOR FAA CRS YXR387Y

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 113110

Removed KLN94 CF card, updated KLN94 database current 2/11/10 to 3/10/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 \_\_\_\_\_

**MICHIGAN AVIATION CO.**

(248)666-3440 CRS NO. KL2R956K Date 2/9/2010

Reg. No. N7345R Ser. No. TC1707

WO No. 32772 Hours 2922.0 Hobbs

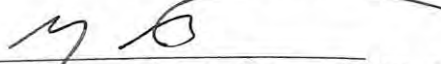
Removed #1 Com, KY 196, p/n 064-1019-00 s/n 4351, for repair. Reinstalled repaired KY 196, s/n 4351, and ramp tested I.A.W. POH operational procedures. Removed KNS 80 Nav System, p/n 066-4008-00 s/n 6428, for bench check. Reinstalled tested KNS 80, s/n 6428, and tested I.A.W. POH operational procedures.

-----END-----

The Aircraft/Component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

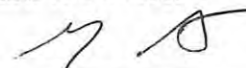
CRS NO. KL2R956K 

Removed KLN94 CF card, updated KLN94 database current 3/11/10 to 4/07/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 416110

Removed KLN94 CF card, updated KLN94 database current 4/08/10 to 5/5/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281


AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 511110

Removed KLN94 CF card, updated KLN94 database current 5/6/10 to 6/2/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281


AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 5125110

Removed KLN94 CF card, updated KLN94 database current 6/3/10 to 6/30/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 6125110

Removed KLN94 CF card, updated KLN94 database current 7/1/10 to 7/28/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 7119110

Removed KLN94 CF card, updated KLN94 database current 7/29/10 to 8/25/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281


AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 \_\_\_\_\_

Removed KLN94 CF card, updated KLN94 database current 08/26/10 to 09/22/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281


AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 9119110

Removed KLN94 CF card, updated KLN94 database current 9/23/10 to 10/29/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 10120110

Removed KLN94 CF card, updated KLN94 database current 10/21/10 to 11/17/10, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

  
Geoffrey Applegate-Owner SMEL 550.02.9281

# AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. \_\_\_\_\_

Aircraft Registration No. N7345R  
Aircraft Manufacturer BEECH  
Model 95B55  
Serial No. TC-1707

## 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.	_____	_____	_____



**AEROTECH PUBLICATIONS INC.**

P.O. Box 1359 / Southold, NY 11971-0965  
(631) 765-9375  
1-800-235-6444

7345R

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AVIONICS  
MAINTENANCE  
RECORDS**

Removed KLN94 CF card, updated KLN94 database current 3/12/09 to 4/18/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate-Owner SMEL 550.02.9281

Removed KLN94 CF card, updated KLN94 database current 04/09/09 to 05/06/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate-Owner SMEL 550.02.9281

Removed KLN94 CF card, updated KLN94 database current 05/07/09 to 06/03/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate - Owner SMEL 550.02.9281

Removed KLN94 CF card, updated KLN94 database current 06/09/09 to 07/01/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate - Owner SMEL 550.02.9281

Removed KLN94 CF card, updated KLN94 database current 7/02/09 to 7/29/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate - Owner SMEL 550.02.9281

Removed KLN94 CF card, updated KLN94 database current 7/30/09 to 09/26/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate - Owner SMEL 550.02.9281

Removed KLN94 CF card, updated KLN94 database current 8/27/09 to 9/23/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate - Owner SMEL 550.02.9281

Thursday, July 30, 2009 - Removed Garmin 496 GPS from yoke mount and had Garmin upgrade its firmware from version 3.2 to version 4.0 while it was in yoke. Reinstalled and tested unit. Operational check ok.  
Michael Shore owner/operator #2998587

Removed KLN94 CF card, updated KLN94 database current 9/24/09 to 10/21/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate-Owner SMEL 550.02.9281

Removed KLN94 CF card, updated KLN94 database current 10/22/09 to 11/18/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate-Owner SMEL 550.02.9281

Removed KLN94 CF card, updated KLN94 database current 11/19/09 to 12/16/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate-Owner SMEL 550.02.9281

The ATC transponder was tested & inspected on 12/11/09 & found to comply with FAR 91.413, IAW FAR 43 App. F. Automatic altitude reporting equipment was tested and calibrated 12/11/09 to an altitude of 20 thousand feet & found to comply with FAR 91.411, IAW FAR 43 App. E Par. (c).  
W/O# 12672 Signature [Signature]  
OAKLAND AVIONICS CO. CRS XOKR329L N7345R

The altimeter and the static pressure system was inspected and tested 12/11/09 & found to comply with 91.411, IAW FAR 43 App. E Par. (a) and (b).  
W/O# 12672  
Signature [Signature]  
N7345R  
OAKLAND AVIONICS CO. CRS XOKR329L

Removed KLN94 CF card, updated KLN94 database current 12/17/09 to 1/13/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

GA  
Geoffrey Applegate-Owner SMEL 550.02.9281

Removed kln94 CF card, updated kln94 database current 2/13/08 to 3/12/08, replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R  
03/10/08, s/n TC-1707

Removed kln94 CF card, updated kln94 database current 3/12/08 to 4/03/08, replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R  
4/18/08, s/n TC-1707

Removed kln94 CF card, updated kln94 database current 4/10/08 to 5/07/08, replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.

[Signature]  
AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R, S/N TC-1707 5/7/08

Removed KLN94 CF card, updated KLN94 database current 5/3/08 to 6/04/08, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate - Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R, S/N TC-1707 5/31/2008

Removed KLN94 CF card, updated KLN94 database current 6/15/08 to 7/2/08, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate - Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R, S/N TC-1707 7/01/08

Removed KLN94 CF card, updated KLN94 database current 7-3-08 to 7-30-08, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate - Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R, S/N TC-1707 7/24/08

Removed KLN94 CF card, updated KLN94 database current 7/31/08 to 8/27/08, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate - Owner SMEL 550.02.9281

Removed KLN94 CF card, updated KLN94 database current 09/29/08 to 09/24/08, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 9/20/08

Removed KLN94 CF card, updated KLN94 database current 09/25/08 to 10/22/08, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 10/15/08

Removed KLN94 CF card, updated KLN94 database current 10/23/08 to 11/19/08, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 11/18/08

Removed KLN94 CF card, updated KLN94 database current 11/30/08 to 12/17/08, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 12/13/08

Removed KLN94 CF card, updated KLN94 database current 12/19/08 to 1/4/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 1/14/2009

Removed KLN94 CF card, updated KLN94 database current 1/15/09 to 2/11/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate-Owner SMEL 550.02.9281

AIRCRAFT LOGBOOK ENTRY N7345R, S/N TC-1707 2/11/09

Removed KLN94 CF card, updated KLN94 database current 2/12/09 to 3/11/09, replaced CF card and tested KLN94 for proper operation. The aircraft is approved for return to service.

[Signature]  
Geoffrey Applegate-Owner SMEL 550.02.9281

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>3/12/06</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>3/15/06</u> to <u>7/12/06</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner, Operator SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>5/9/06</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>5/10/06</u> to <u>6/7/06</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>3/13/07</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>3/16/07</u> to <u>4/12/07</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>4/11/07</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>4/12/07</u> to <u>5/9/07</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>5/9/2007</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>5/9/07</u> to <u>7/6/07</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>7/31/2007</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>7/4</u> to <u>7/31</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>6/2/07</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>6/07/07</u> to <u>7/03/07</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>Aug 1, 2007</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>8/02/07</u> to <u>8/29/07</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>8/23/07</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>8/30/07</u> to <u>9/26/07</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>09/25/07</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>09/26/07</u> to <u>10/23/07</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>11/1/07</u> , s/n TC-1707			
The altimeter and the static pressure system was inspected and tested <u>11/1/07</u> & found to comply with 91.411, IAW FAR 43 App. E Par. (a) and (b). W/O# <u>11686</u> Signature <u>[Signature]</u> OAKLAND AVIONICS CO. CRS XOKR329L  N7345R			
The ATC transponder was tested & inspected on <u>11/1/07</u> & found to comply with FAR 91.413, IAW FAR 43 App. F. Automatic altitude reporting equipment was tested and calibrated <u>11/1/07</u> to an altitude of <u>20</u> thousand feet & found to comply with FAR 91.411, IAW FAR 43 App. E Par. (c). W/O# <u>11686</u> Signature <u>[Signature]</u> OAKLAND AVIONICS CO. CRS XOKR329L  N7345R			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>12/11/07</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>12/20/07</u> to <u>1/16/08</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			
<b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b>			
<u>1/11/08</u> , s/n TC-1707			
Removed kln94 CF card, updated kln94 database current <u>1/17/08</u> to <u>2/13/08</u> , replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.			<i>[Signature]</i>
Geoffrey Applegate-Owner SMEL 550.02.9281			

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK								
			<div data-bbox="196 214 588 353"> <p>Alternative Aviation Services, Inc. F.A.A. Repair Station OA5R086N</p> </div> <div data-bbox="629 254 987 314"> <p>1661 Airport Road Waterford, MI 48327-1304 USA</p> </div> <div data-bbox="977 314 1075 345"> <p>Date <u>3/28/02</u></p> </div> <div data-bbox="186 377 484 419"> <p>Reg. No. <u>N7345R</u></p> </div> <div data-bbox="759 377 993 419"> <p>Ser. No. <u>TC1707</u></p> </div> <div data-bbox="278 439 541 471"> <p>WO No. <u>13833</u></p> </div> <div data-bbox="696 439 895 471"> <p>Hours <u>NA</u></p> </div> <hr/> <p>Capped open ended wires in the AP harness, at the horizon due to shielding shorting to the center conductor. Replaced pushed GS deviation pin at the KNS 80 rack. Tested the AP system and GS system operation normal.</p> <table border="0"> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> </table> <p>aircraft and/or component identified above was repaired and inspected in accordance with current air regulations and found airworthy for return to service</p> <p>CRS OA5R086N <u>[Signature]</u></p>	X	X	X	X	X	X	X	X
X	X	X	X								
X	X	X	X								

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p align="center"><b>AIRCRAFT LOGBOOK ENTRY</b> <b>BEECH BARON N7345R</b></p> <p align="center"><u>12/21/2005</u>, s/n TC-1707</p> <p>Removed kln94 CF card, updated kln94 database current <u>12/21/05</u> to <u>1/13/06</u>, replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.</p> <p align="center"><u>[Signature]</u></p> <p align="center">Geoffrey Applegate – Owner, Operator Comm SMEL 550.02.9281</p>
			<p align="center"><b>AIRCRAFT LOGBOOK ENTRY</b> <b>BEECH BARON N7345R</b></p> <p align="center"><u>1/12/06</u>, s/n TC-1707</p> <p>Removed kln94 CF card, updated kln94 database current <u>1/19/06</u> to <u>2/15/06</u>, replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.</p> <p align="center"><u>[Signature]</u></p> <p align="center">Geoffrey Applegate – Owner, Operator Comm SMEL 550.02.9281</p>
			<p align="center"><b>AIRCRAFT LOGBOOK ENTRY</b> <b>BEECH BARON N7345R</b></p> <p align="center"><u>N7345R</u>, s/n TC-1707</p> <p>Removed kln94 CF card, updated kln94 database current <u>2/15/06</u> to <u>3/15/06</u>, replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.</p> <p align="center"><u>[Signature]</u></p> <p align="center">Geoffrey Applegate – Owner, Operator Comm SMEL 550.02.9281</p>
			<p align="center"><b>AIRCRAFT LOGBOOK ENTRY BEECH BARON N7345R</b></p> <p align="center"><u>4/11/06</u>, s/n TC-1707</p> <p>Removed kln94 CF card, updated kln94 database current <u>4/12/06</u> to <u>5/9/06</u>, replaced CF card and tested kln94 for proper operation. The aircraft is approved for return to service.</p> <p align="center"><u>[Signature]</u></p> <p align="center">Geoffrey Applegate-Owner SMEL 550.02.9281</p>

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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1661 Airport Road  
Waterford, MI 48327-1304 USA

Date 1/19/01

Reg. No. N7345R

Ser. No. TC-1707

WO No. 13117

Hours N/A

Removed the KLN 89B and install a KLN 94.. Ramp tested system to MPS. The Weight and Balance change negligible.  
XXXXXXXXXXXXX

XXXXXXXXXXXXX

XXXXXXXXXXXXX

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation regulations and found airworthy for return to service.

CRS OA5R086N *Christopher J. Howell*

See also FAA Form 337.

CRS#: ECFR459D Date: 09/20/01 S.O.#: LAV01-166  
AEROGENESIS I, LLC Reg#: N7345R Type: BEECH  
CAPITAL CITY AIRPORT Model: 95-B55 S/N: TC-1707  
LANSING, MI 48906 Hobbs: 2054.3

Altimeter P/N: 5934P-3 S/N: 403410 was tested to 20,000 feet, and complies with FAR 91.411 IAW FAR 43, App. E. Transponder M/N: KT-76C S/N: 5875 was tested and complies with FAR 91.413 IAW FAR 43 App. F. Altitude reporting checked and complies with FAR 91.411 IAW FAR 43, App. E. Static system tested and complies with FAR 43, App. E. This aircraft was inspected in accordance with the current regulations of the FAA and is approved for return to service.

Date: 9/20/01 Signed: *Charles Cooper*

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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1661 Airport Road  
Waterford, MI 48327-1304 USA

Date 2/14/02

Reg. No. N7345R

Ser. No. TC1707

WO No. 13779

Hours NA

Removed Pilot's Flight Director Steering Horizon P/N 52C77 S/N 440C. Installed Exchange overhauled FDSH P/N 52C77 S/N 776C and tested system operation Tested normal.

X X X X  
X X X X

aircraft and/or component identified above was repaired and inspected in accordance with current air regulations and found airworthy for return to service

CRS OA5R086N *Jim Howser*



Edelman  
**AIRCRAFT LOG SUPPLEMENT**

TACH: \_\_\_\_\_ Date 03-12-99  
 A/C Reg. No. N7345R  
 TT: \_\_\_\_\_ A/C S/N TC-1707

FAA Certified Repair Station FJ1R141K  
 L.I. MacArthur Airport Ronkonkoma, NY 11779  
 (516) 588-3543

Removed Stormscope for repairs. WX-10A. Processed by RCP11400821  
 Repaired by B.F.G. CRS# N102R0396 on work 37132 dated 02-25-99  
 WX-10AT Display by R0D05400060 repaired on work 37131 dated  
 2-25-99. Reinstalled and operationally tested. Ok. BFG  
 maintenance release attached. end.

Auth. Signature Sana Whit  
 Details are on file at this repair station under work order 11967

Edelman

**AIRCRAFT MAINTENANCE RECORD**  
 ISLIP AVIONICS, INC.  
 RONKONKOMA, NY  
 FAA CRS#FJ1R141K  
 REMOVED KLN-89B GPS S/N 2253 COMPLIED  
 WITH SOFTWARE BULLITIN(SWB) KLN-89B-SW 3  
 REINSTALLED IN AIRCRAFT, FUNCTIONAL TEST OK.  
 W.O. 11541  
 AUTH SIGNATURE: [Signature]

Edelman

ISLIP AVIONICS, INC. LOG ENTRY DATE 3-7-99  
 RONKONKOMA, NY TACH 1659.7 N# 7345R  
 \*\*\*\*\*A/C S/N: TC-1707  
 C/W ALLIED SIGNAL/ BENDIX KING SERVICE BULL. ON  
 KT-76C TRANSPONDER S/N 5875  
 ACCOMPLISHED SERVICE BULLITIN KT-76C-3. (MOD 3)  
 REINSTALLED AND TESTED.  
 WORK ORDER 11551  
 AUTH SIGN [Signature] CRS#FJ1R141K



Dean Edelman  
**AIRCRAFT LOG SUPPLEMENT**

Hobbs. \_\_\_\_\_  
 TACH: 1701.1 Date 9-18-99  
 A/C Reg. No. N7345R  
 TT: \_\_\_\_\_ A/C S/N TC 1707




FAA Certified Repair Station FJ1R141K  
 L.I. MacArthur Airport Ronkonkoma, NY 11779  
 (516) 588-3543




Removed Aerosemic Encoded Altimeter. #10435-11231  
 Installed New U.I. Altimeter. #5934A-3 # 403410. Factory  
 New 08-03-99. Installed factory new TCI. 550120-30A.  
 #042813 blind encoder. IAW. Installation manual #930004  
 Rev. A dated 04-02-99. and AC 43-13-16/2A as Applicable.  
 NO significant change to Aircraft electrical loads and WTB.  
 minor ALTERATION. Utilized existing wiring. connector change  
 only. Performed Static leak check and data correspondance  
 check IAW. 91.217/411/413. complies with Part 43 App E  
 para A, C, d. See additional sheet.

Auth. Signature Sana Whit  
 Details are on file at this repair station under work order 12418

ISLIP AVIONICS, INC. FAA Certified Repair Station FJ1R141K L.I. MacArthur Airport Ronkonkoma, NY 516-588-3543		<b>MAINTENANCE RECORD</b> TACH: <u>1701.1</u> DATE: <u>9-18-99</u> HOBBS _____ N# _____ TT: _____ A/C S/N _____	
ALTIMETER REMOVED AND REINSTALLED BY: <u>IAI</u>			
#1 S/N <u>403410</u>	#2 S/N _____	UNIT(S) RECERTIFIED AND SERVICEABLE TAGGED BY: <u>Factory New</u>	
FAA CRS: <u>United Instn 8-3-99</u> TO <u>20,000</u> FEET. TAGS ATTACHED TO LOG. ALTIMETER TESTS AND INSPECTIONS REQUIRED BY 91.411 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH FAR PART 43, APPENDIX E, PARA. a,b,d			
AUTOMATIC PRESSURE ALTITUDE EQUIPMENT AND ATC TRANSPONDER SYSTEM INTEGRATION TESTS AND INSPECTIONS REQUIRED BY FAR 91.411 & 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH FAR PART 43 APP. E, PARA. c,d			
ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND COMPLY WITH FAR 43, APPENDIX E.			
#1 make/model <u>Allied Signal</u>	<u>KT-76C</u>	S/N <u>5875</u>	S/N _____
#2 make/model _____	_____	_____	_____

Approved for return to service with respect to the work performed.  
 Details are on file at this repair station under work order: 12418  
 Cross out sections that do not apply.  
 Auth. Signature: Sana Whit

DATE	AIRFRAME TIME IN SERV	AVIONICS
 <b>AIRCRAFT LOG SUPPLEMENT</b> TACH: _____ Date <u>7/24/96</u> A/C Reg. No. <u>N7345R</u> TT: _____ A/C S/N <u>TC-1707</u>		
FAA Certified Repair Station FJ1R141K Lt. MacArthur Airport Ronkonkoma, NY 11779 (516) 588-3543		
<p>Removed 200/CENTURY 52077 FLIGHT DIRECTOR            INDICATOR S/N 440 C. UNIT REPAIRED BY JD            CHAPDELAIN CO, CRSS W14R623A ON W.O. 55390.            SEE PMA 8130 ATTACHED, RE-INSTALLED.            TEST FLEW AIRCRAFT + ALIGNED AUTOPILOT + FLIGHT            DIRECTOR PER CENT IV SERVICE MANUAL.</p> <p style="text-align: center;"><u>200</u></p>		
Auth. Signature  Details are on file at this repair station under work order <u>8613</u>		
<p>AIRCRAFT MAINTENANCE RECORD            ISLIP AVIONICS, INC. DATE: <u>8/5/98</u>            RONKONKOMA, NY N# <u>7345R</u>            FAA CRS#FJ1R141K A/C S/N _____            REMOVED KLN-89B GPS S/N <u>2253</u> COMPLIED            WITH SOFTWARE BULLITIN(SWB) KLN-89-SW2. SOFTWARE            LEVEL 01/05. REINSTALLED IN AIRCRAFT, FUNCTIONAL TEST OK.</p> <p>AUTH SIGNATURE: </p>		

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<u>11/5/98</u>			REMOVED KMA-20 AUDIO PANEL S/N 8408, INSTALLED PS ENGINEERING PM-1000M AUDIO PANEL UTILIZING EXISTING WIRING. (SAME TSO) ACCOMPLISHED ISW PS ENR. INSTALL MANUAL P/N 200-066-001 REV 1 5/98 + AC43.13-1A/2A AS APPLICABLE, ADDED WIRING FOR BRACE INTERCOM FUNCTIONS. REMOVED EXISTING FLIGHT COM INTERCOM + WIRING. REMOVED KING KT76 TRANSPONDER INSTALLED KT76C TRANSPONDER. REVERSED MOUNT TEST + CONNECTOR. USED EXISTING WIRING. ACCOMPLISHED IAW BENDIX KING INSTALL MANUAL P/N 006-10545-0000 REV 0, 10/96 AND AC43.13- 1A/2A AS APPLICABLE. ELIMINATED WATAGE DROPPING RESISTOR FROM WIRING. PERFORMED BTDN CORRECTION TEST PSL FOR 91.411/413 ISW FAR 43 APP E para c,d. REVISSED WTD/200 LIST. FUNCTIONAL GROUND CHECK OK. W.O. 11279. FA  FOR ISLIP AVIONICS CRS # FJ1R141K
			 <b>ISLIP AVIONICS INC.</b> LONG ISLAND MacARTHUR AIRPORT FAA Approved Repair Station FJ1R141K TT = _____ TACH = <u>1599.9</u> The ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43 Appendix F. Registration # <u>N7345R</u> No 1 make/model <u>KT76C KING</u> s/n <u>5875</u> No 2 make/model _____ s/n _____ Details of this inspection are on file at this repair station under work order No. <u>11279</u> Date <u>11/5/98</u> Authorized Signature 

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5/17/96			REMOVED PREVIOUSLY INSTALLED KING 8001 LORAN PANEL UNIT AND ANTENNA COUPLER. EXISTING ANTENNA REMAINS INSTALLED. A CABLE (RH-SE) IS ROUTED TO THE COCKPIT FOR USE OF A HANDHELD COM. INSTALLED BENDIX KING KLN-89B (TSO C129-A1) GPS SYSTEM AND MD CONTINGENT MD 91 COUPLING / ANTENNA SYSTEM. SEE FAA FIELD APPROVED DATA ON FORM 337. FUNCTIONAL GROUND CHECK SATISFACTORY. FLIGHT EVALUATION SATISFACTORY. PLACED INSTALLED "GPS NOT APPROVED FOR IFR". PERFORMED DATA CORRECTION TEST PER 91.411(A), COMPASS W/ PART AS APP E, para c, d. W.O. 8364 FA [Signature]
			ISLIP AVIONICS, INC. CRS #FJ1R141K L.I. MacArthur Airport 135 Schaeffer Dr. RONKONKOMA, NEW YORK 11779 (516) 588-3543 FAX (516) 588-1313
5/17/96			REMOVED PILOTS INSTRUMENT PANEL SMOKE MELTS W/ NEW (BESSCH P/N 150-R-8). INSTALLED PIT FOR COPILOT AT RIGHT SIDE OF PANEL. FIT SATISFACTORY. REMOVED KNS-80 S/N 6478. REPAIRED SAME. RE-INSTALLED. REMOVED A/P CONTROL P/N 10497-8 S/N 360 AND COMPUTER S/N 1043E P/N 10496-01002. UNITS REPAIRED BY AIRCRAFT CONTROL CRS # CM 22747K ON WORK ORDER 19423. SEE FORM 130-3 (2 FORMS). RE-INSTALLED. FUNCTIONAL GROUND CHECK OF A/P SATISFACTORY. FLIGHT CHECK OF A/P OK. W.O. 8364 FA [Signature]

FA [Signature] COMM 745562801  
FOR ISLIP AVIONICS, INC.

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5/17/96			REMOVED MET COMPASS P/N C660501-0101 NO S/N OVERHAULED SAME. SEE Y.T. RE-INSTALLED. SWING + CALIBRATED COMPASS. 2 SWISS EREOS PLACED. W.O. 2162 I FA [Signature] PRECISION AIR TEST CASE ENR2119K
			THE PREVIOUSLY INSTALLED BENDIX KING KLN-89B GPS SYSTEM IS APPROVED FOR TERMINAL, ENROUTE AND NON PRECISION APPROACH IFR OPERATIONS AS DETAILED ON FORM 337 THIS DATE AND ON FLIGHT MANUAL SUPPLEMENT DATED 6/26/96. END
			Auth. Signature [Signature] Details are on file at this repair station under work order 8364

ISLIP AVIONICS INC  
FAA Certified Repair Station FJ1R141K  
L.I. MacArthur Airport Ronkonkoma, NY 11779  
(516) 588-3543

AIRCRAFT LOG SUPPLEMENT

TACH: \_\_\_\_\_ Date 7/16/96  
TT: \_\_\_\_\_ A/C Reg. No. N735R  
A/C S/N TC-1707

ISLIP AVIONICS, INC.



# AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. \_\_\_\_\_

Aircraft Registration No. N7345R

Aircraft Manufacturer BEECH

Model 95B55

Serial No. TC-1707

## EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1. MITCHELL	FLIGHT DIRECT PN. 52C77	440C
2. BENDIX KING	KT76C	5875
3. P2 ENGINEERING	PA 6000 M	T04805-LO3496M
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