

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. _____

Aircraft Registration No. N807TH

Aircraft Manufacturer BEECH

Model 58

Serial No. TH-807

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1. <u>ALLIED SIGNAL INC.</u>	<u>KLN0089B</u>	<u>X 7319</u>
2. <u>Allied Signal Inc.</u>	<u>KLN94</u>	
3. _____	_____	_____
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20. _____	_____	_____



AERO
TECH PUBLICATIONS INC.

PO BOX 1359 / SOUTHOLD, NY 11971-0965

(516) 765-9375

FAX: (516) 765-9359

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DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																																																																												
Legacy AVIATION 5410 OPERATIONS RD. -- MONROE, LA 71203 (318) 387-0222			N <u>807TH</u> DATE <u>15 FEB 99</u> Hobbs <u>23.9</u>																																																																												
THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411 IAW FAR 43 APPENDIX "E" HAVE BEEN PERFORMED: APPENDIX "E" PARA (A) ALTIMETERS STATIC SYSTEM DATE <u>15 FEB 99</u> PARA (B) ALTIMETERS PILOTS S/N <u>13435</u> COPILOTS S/N <u>20000</u> TESTED TO <u>20000</u> FEET, ON <u>15 FEB 99</u> PARA (C) INTEGRATED SYSTEM TEST DATE <u>15 FEB 99</u> SIGNED <u>[Signature]</u> WO# <u>7562</u> LEGACY AVIATION FAA APPROVED REPAIR STATION #HLWR727E MUNICIPAL AIRPORT, MONROE LA			ATC TRANSPONDER TEST AND INSPECTION AS REQUIRED BY FAR 91.413 IAW FAR 43 APPENDIX "F" HAVE BEEN PERFORMED: MAKE <u>Garmin</u> #1: MODEL <u>KT-26</u> S/N <u>54978</u> MODEL <u>KT-26</u> S/N <u>54978</u> DATE <u>2-15-99</u> SIGNED <u>[Signature]</u> LEGACY AVIATION FAA APPROVED REPAIR STATION #HLWR727E WO# <u>54671</u>																																																																												
SCALE CORRECTIONS: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALTIMETER READS</th> <th colspan="2">ADD Algebraically</th> </tr> <tr> <th>Room Temp °C</th> <th>Low Temp °C</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td><td></td></tr> <tr><td>500</td><td>-20</td><td></td></tr> <tr><td>1000</td><td>0</td><td></td></tr> <tr><td>1500</td><td>-20</td><td></td></tr> <tr><td>2000</td><td>-20</td><td></td></tr> <tr><td>3000</td><td>0</td><td></td></tr> <tr><td>4000</td><td>-20</td><td></td></tr> <tr><td>6000</td><td>-20</td><td></td></tr> <tr><td>8000</td><td>-20</td><td></td></tr> <tr><td>10000</td><td>0</td><td></td></tr> <tr><td>12000</td><td>0</td><td></td></tr> </tbody> </table>			ALTIMETER READS	ADD Algebraically		Room Temp °C	Low Temp °C	0	0		500	-20		1000	0		1500	-20		2000	-20		3000	0		4000	-20		6000	-20		8000	-20		10000	0		12000	0		ALTIMETER No. <u>13435</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALTIMETER READS</th> <th colspan="2">ADD Algebraically</th> </tr> <tr> <th>Room Temp °C</th> <th>Low Temp °C</th> </tr> </thead> <tbody> <tr><td>14000</td><td>-20</td><td></td></tr> <tr><td>16000</td><td>-20</td><td></td></tr> <tr><td>18000</td><td>0</td><td></td></tr> <tr><td>20000</td><td>+20</td><td></td></tr> <tr><td>22000</td><td></td><td></td></tr> <tr><td>25000</td><td></td><td></td></tr> <tr><td>30000</td><td></td><td></td></tr> <tr><td>35000</td><td></td><td></td></tr> <tr><td>40000</td><td></td><td></td></tr> <tr><td>45000</td><td></td><td></td></tr> <tr><td>50000</td><td></td><td></td></tr> </tbody> </table> DATE: <u>15 FEB 98</u>	ALTIMETER READS	ADD Algebraically		Room Temp °C	Low Temp °C	14000	-20		16000	-20		18000	0		20000	+20		22000			25000			30000			35000			40000			45000			50000		
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1-24-01 <u>REMOVED PM 1000 & INSTALLED</u> <u>PM 3000 INTRACOM - NO WTB change</u>																																																																															

ADVANCED AVIATION SERVICES, INC.

REID HILLVIEW AIRPORT

2550 John Montgomery Dr.

San Jose, CA 95148

FAA Repair Station #AX3R387L

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

DATE

AIRFRAME
TIME
IN
SERVICE

AVIONICS
TIME
IN
SERVICE

AIRCRAFT LOG BOOK ENTRY N807TH BEECH 58 S/N TH-807
JUNE 19, 2001

INSTALLED NEW PILOTS AIRSPEED INDICATOR TO REFLECT AERO VG AFM
FLIGHT MANUAL SUPPLEMENT DATED JUNE 27, 1991. REPAIRED STATIC
SYSTEM LEAKS. SYSTEM MEETS FAR 91.411 APPENDIX E OF PART 43.
SEE L.A.C. AVIONICS INC. WO 15109 FOR FARTHER DETAILS.

Jerry Baxter
JERRY BAXTER, ASSISTANT INSPECTOR
L.A.C. AVIONICS INC. FAA CERTIFIED REPAIR
STATION NUMBER FM4R185M

LOG807TH. 301

(INITIAL)

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				3. SYSTEM TRACKING REF. NO. 2401086	
4. OPERATION 		MID-CONTINENT INSTRUMENTS WEST A DIVISION OF MID-CONTINENT INSTRUMENT CO., INC. 16555 SHERMAN WAY A-1 VAN NUYS. CA 91406 F.A.A. CRS 0L2D061L				5. WORK ORDER NO. 2401086	
6. EM	7. DESCRIPTION AIRSPEED. 40-30 AIRSPEED. 40-300MPH/40-260K	8. PART NO. 8030-B.168 8030-B.168	9. ELIGIBILITY* TSO ARTICLE N/A	10. QUANTITY 1	11. SERIAL / BATCH NO. 177007	12. STATUS / WORK REPAIRED	
13. REMARKS THE PRESCRIBED WORK WAS PERFORMED <i>JAW manual # 8000 B. ADJ 1986</i> The work specified in block 12/13 except as otherwise specified was carried out in accordance with JAR 1 and in respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number JAA.4674. <i>Red -73-KTS 223 Y/W 195-223KTS Grn 75-195KTS WHI 69-122KTS Blue 100KTS</i>							
LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE RECORD INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.							
14. ☐ NEW ☐ NEWLY OVERHAULED Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			16. FAA AUTHORIZATION			21. CERTIFICATE NUMBER CRS 0L2D061L	
15. SIGNATURE			18. DATE			23. DATE 6/14/01	
17. NAME (TYPED OR PRINTED)			20. AUTHORIZED SIGNATURE <i>Bryan Miner</i> NAME (TYPED OR PRINTED) BRYAN MINER				

DATE

AIRFRAME
TIME
IN
SERVICEAVIONICS
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SERVICEDESCRIPTION OF WORK PERFORMED—
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TESTING AND INSPECTION OF THE AIRCRAFT STATIC AIR PRESSURE SYSTEM, ALTIMETRY, AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT AND ATC TRANSPONDER TESTED AND INSPECTED IN ACCORDANCE WITH 14 CFR 91.411(a)(1) AND 91.413(a). PILOT ALTIMETER AND AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM (BENDIX/KING KEA-129 P/N 5035P2-P44 S/N 13435) WAS FOUND TO COMPLY WITH 14 CFR PART 43 APPENDIX E(b) AND 14 CFR PART 43 APPENDIX E(c) TO A PRESSURE ALTITUDE OF 20,000 FT. AIRCRAFT STATIC AIR PRESSURE SYSTEM FOUND TO COMPLY WITH CFR 14 PART 43 APPENDIX E(a) (WITH A LEAK RATE NO GREATER THAN THAT SPECIFIED IN 14 CFR 23.1325). THE AIRCRAFT ATC TRANSPONDER (BENDIX/KING KT-76 P/N 066-1034-01 S/N 34978) WAS FOUND TO COMPLY WITH APPENDIX F OF 14 CFR PART 43. THE INSTALLED SYSTEMS MEET THE REQUIREMENTS OF 14 CFR 91.411(a)(1) AND 91.413(a). REFERENCE L.A.C. AVIONICS WORK ORDER 18409.

Art Vasquez



AIRCRAFT MAINTENANCE RECORD ENTRY N807TH BEECH 58 TH-807
JULY 06, 2012

AIRCRAFT STATIC AIR PRESSURE SYSTEM, ALTIMETRY, AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT AND ATC TRANSPONDER TESTED AND INSPECTED IN ACCORDANCE WITH 14 CFR 91.411(a)(1) AND 91.413(a). PILOT ALTIMETER AND AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM (BENDIX/KING KEA-129 P/N 5035P2-P44 S/N 13435) WAS FOUND TO COMPLY WITH 14 CFR PART 43 APPENDIX E(b) AND 14 CFR PART 43 APPENDIX E(c) TO A PRESSURE ALTITUDE OF 20,000 FT. AIRCRAFT STATIC AIR PRESSURE SYSTEM FOUND TO COMPLY WITH CFR 14 PART 43 APPENDIX E(a) (WITH A LEAK RATE NO GREATER THAN THAT SPECIFIED IN 14 CFR 23.1325). THE AIRCRAFT ATC TRANSPONDER (BENDIX/KING KT-76 P/N 066-1034-01 S/N 34978) WAS FOUND TO COMPLY WITH APPENDIX F OF 14 CFR PART 43. THE INSTALLED SYSTEMS MEET THE REQUIREMENTS OF 14 CFR 91.411(a)(1) AND 91.413(a). REFERENCE L.A.C. AVIONICS WORK ORDER 18409.

LOVD B NESBITT JR INSPECTOR
L.A.C. AVIONICS INCORPORATED FAA APPROVED
REPAIR STATION NUMBER FM4R185M

LOG807TH.112

DATE

AIRFRAME
TIME
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AT THE ELT HAS BEEN INSPECTED
IN ACCORDANCE WITH THE REQUIREMENTS
ON 91.207 (d), AND WAS FOUND TO BE
SATISFACTORY CONDITION.

09-02-12 FAA R/S ZRSR378L

(SIGNED)

July 2, 2013
Replaced elevator servo as it
was runaway in down mode. Replaced with
overhauled unit by LAC.

Ken Thomas

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																			
	MAKE Beech MODEL 58 S/N TH-807 REG. NO. N807TH WORK ORDER 2068	Rossi Aircraft, Inc. Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone 650-493-3326	DATE <u>08, 21, 14</u> A/C TSN: 3555 5 HOBBS: 1506																			
	Avionics Entries The transponder passed testing and inspection per FAR Sec. 91.413. The altimeter system and altitude reporting equipment passed testing and inspection per FAR Sec. 43 Appendix E and FAR Sec. 91.411. Altimeter Model Bendix/King KEA-129 PN: S035P2-P44 S/N: 13435. Transponder Model: Bendix/King KT-76 PN: 066-1034-01 S/N: 34978. Details on file at Rossi Aircraft Inc. FAA R/S ZRSR378L W/O #2068 Signed <u>[Signature]</u> Date <u>08-21-14</u> Maintenance Release _____ The aircraft and/or component(s) on N807TH was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2068, Dated 8/26/2014. DATE: <u>08-21-14</u> SIGNED: <u>[Signature]</u> Work Order: 2068 Rossi Aircraft Inc. Certified Repair Station No. ZRSR378L Printed by EBis 3 (datamedia.com)																					
	A/C Reg#: N807TH A/C Make: BARON 58 A/C Ser#: TH-807 Work Order# 7317 Type Insp: AUTOPILOT TEST Work Accomplished: FOUND BAD KC-295 ADAPTER CIRCUIT BOARD (P/N: 065-5009-04). REPLACED CIRCUIT BOARD IAW KFC-200 MAINTENANCE MANUAL.	 Aspen Helicopters, Inc. 2899 West 5th Street Oxnard, CA 93030 (805) 985-5416 CRS# IGAR978E	Date: <u>3/21/15</u> Tach 0 HOBBS 1523.5 A/C TT																			
	 TIMOTHY BUXTON																					
	<table border="1"> <tr> <td>A/C Reg#</td> <td>N807TH</td> <td rowspan="2">  Aspen Helicopters, Inc. 2899 West 5th Street Oxnard, CA 93030 (805) 985-5416 CRS# IGAR978E </td> <td>Date</td> <td>11/25/2019</td> </tr> <tr> <td>A/C Make</td> <td>BARON 58</td> <td>Hobbs</td> <td>1681.6</td> </tr> <tr> <td>A/C Ser #</td> <td>TH807</td> <td></td> <td>A/C TT</td> <td></td> </tr> <tr> <td>Work Order#</td> <td>8897</td> <td></td> <td>Type Insp</td> <td></td> </tr> </table>	A/C Reg#	N807TH	 Aspen Helicopters, Inc. 2899 West 5th Street Oxnard, CA 93030 (805) 985-5416 CRS# IGAR978E	Date	11/25/2019	A/C Make	BARON 58	Hobbs	1681.6	A/C Ser #	TH807		A/C TT		Work Order#	8897		Type Insp			
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A/C Make	BARON 58		Hobbs	1681.6																		
A/C Ser #	TH807		A/C TT																			
Work Order#	8897		Type Insp																			
	Replaced PTT (Pilot Side) Momentary switch with new Momentary Switch P/N 26-2345. Operational Check Good.  Isaac Gonzalez CRS#IGAR978E Date <u>11/25/2019</u>																					

AIRCRAFT MAINTENANCE RECORD ENTRY N807TH BEECH 58 S/N TH-807
NOVEMBER 05, 2019



AIRCRAFT STATIC AIR PRESSURE SYSTEM, ALTIMETRY, AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT AND ATC TRANSPONDER WERE TESTED AND INSPECTED IN ACCORDANCE WITH 14 CFR 91.411(a)(1), (3), AND 91.413(a) AND (b) WITH SATISFACTORY RESULTS. PILOT ALTITUDE (MID CONCENT) P/N 5035P2-P44 S/N 13435) WAS FOUND TO COMPLY WITH 14 CFR 43 APPENDIX E(c) AND AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM (GARMAN GAE 12 P/N 011-03080-01 S/N 3T6013638) WAS FOUND TO COMPLY WITH 14 CFR 43 APPENDIX E(c) TO A PRESSURE ALTITUDE OF 25,000 FEET. AIRCRAFT STATIC AIR PRESSURE SYSTEM FOUND TO COMPLY WITH CFR 14 PART 43 APPENDIX E(a) WITH A LEAK RATE NO GREATER THAN THAT SPECIFIED IN FAA AC 43-6D E.1.1) THE AIRCRAFT ATC TRANSPONDER (GARMAN GTX 345 P/N 011-03302-04 S/N 3SG42230) WAS FOUND TO COMPLY WITH APPENDIX F OF 14 CFR PART 43. THE INSTALLED SYSTEMS MEET THE REQUIREMENTS OF 14 CFR 91.411(a)(1), 91.413(a) AND 91.413(c)(2). REFERENCE L.A.C. AVIONICS WORK ORDER 18935.

LOYD BENESBITT JR, INSPECTOR
L.A.C. AVIONICS INCORPORATED FAA APPROVED
REPAIR STATION NUMBER FM4R185M
LOG807TH.219



AIRCRAFT MAINTENANCE RECORD ENTRY N807TH BEECH '55 S/N TH-807
NOVEMBER 05, 2019

REMOVED PREVIOUSLY INSTALLED EQUIPMENT AND INSTALLED A NEW GARMIN GTX 345 ES MODE 5 ALT TRANSPONDER WITH ADS-B OUT FUNCTIONALITY IN ACCORDANCE WITH FAA 51C SA017441. THE AIRCRAFT AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM WAS TESTED IN ACCORDANCE WITH 14 CFR 91.413(b) AND FAA AC 43-60 D. 6-1 WITH SATISFACTOR/ RESULTS TO A PRESSURE ALTITUDE OF 25,000 FEET. REFERENCE: FAA FORM 337 THIS DATE (1 AIRFRAME) AND L.A.C. WORK ORDER 18916 AS WELL AS UPDATED AIRCRAFT WEIGHT AND BALANCE DATA AND EQUIPMENT LIST.

LOG807TH.119
LOYD B. NESBITT JR, INSPECTOR
L.A.C. AVIONICS INCORPORATED FAA APPROVED
REPAIR STATION NUMBER FM4R185M



1250 AVIATION AVE., SUITE 110, SAN JOSE CA 95110
408 295 4144 FAX 408 298 0600 FAA REFUEL STATION #A861894
LOCATED AT ATLANTIC SAN JOSE

AIRCRAFT MAINTENANCE RECORD ENTRY N807TH BEECH 58 S/N TH-807
NOVEMBER 05, 2019

THE AIRCRAFT REPAIR DESCRIBED HEREIN WAS DETERMINED TO BE MINOR IN NATURE IN ACCORDANCE WITH 14 CFR 1.171-2(a)(1), 21.93, 23.75 AND 43. APPENDIX A REMOVED FAILED AUTOPILOT ROLL SERVO (REND 065-0060-01) K-275 AND 065-0060-01A X83837 AND INSTALLED A MID-CONTINENT INSTRUMENTS AND ANTENNA OVERHAUL PART 270 AUTOPILOT 065-0060-01 S/N 38395) IN ACCORDANCE WITH THE "KING RADIO REC 270 AUTOPILOT FLIGHTLINE INSTALLATION/MAINTENANCE MANUAL " P/N 006-5134-02 REV 2.02 AUTOPILOT JUNE 1976 REFERENCE DUNCAN FAA FORM 8330-3 FORM TRACKING NUMBER 0903686638 DATED 13/AUG/2019 AND L.A.C. WORK ORDER 18916.

LOYD B NESBITT JR, INSPECTOR
L.A.C. AVIONICS INCORPORATED FAA APPROVED
REPAIR STATION NUMBER FM4R185M

LOG807TH.319

Page No.

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

