

AIRCRAFT LOG

AF5-1



ARTEX AIRCRAFT SUPPLIES, INC.
14405 Keil Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901

LOG BOOK ENTRY

E.L.T. BATTERY
REPLACEMENT DATE

MAY 2006

EXTERIOR PAINT:

Matterhorn White K8042/U4315/6160

Jade Mist Green U4433/8303

Black U4378/9100

Gold Metallic 44469

INSTRUMENT PANEL PAINT:

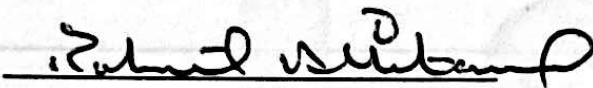
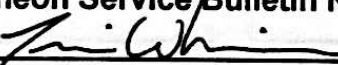
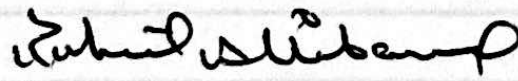
Silver Gray 370-530

KEY NO. 651B

TH-1817

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
5-21-97	5:55	
	18 cycles	
		I Have Inspected This Aircraft And Issued A STANDARD Airworthiness Certificate Dated May 21, 1997.
		 Robert Alliband
		FOR RAYTHEON AIRCRAFT CO. Delegation Option PC#8
		Interior cabin door handle and utility door handle inspected and found acceptable per Raytheon Service Bulletin No. 2693 by
		Pilot 
		License # <u>515-74-5242</u>
		 Robert Alliband
		Raytheon DOA, PC#8

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

JUNE 2, 1997.

FURNISHED AND INSTALLED THE FOLLOWING EQUIPMENT:

B.F. GOODRICH WX1000E STORMSCOPE SYSTEM; SHADIN
FUEL/AIR DATA COMPUTER & TEMP PROBE; TELEX PC4
ICS SYSTEM; MID CONTINENT MD 26-28 CONVERTER.

THE EQUIPMENT LIST WAS REVISED AND THE WEIGHT
AND BALANCE C.G. WAS AMENDED. DETAILS OF THE
INSTALLATION CAN BE FOUND ON FAA FORM 337 DATED
6/2/97 WHICH WAS INSERTED INTO THE AIRCRAFT RECORDS.

Harry Bauder

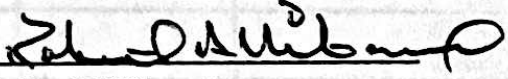
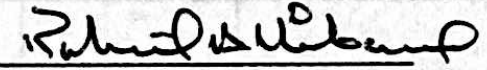
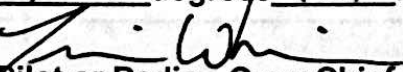
HARRY BAUDER
FAA REPAIR STATION XA1R605K
RAYTHEON AIRCRAFT SERVICES

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
5-21-97		I Certify that ATC Transponder Test and Inspection required by FAR Part 91.413 has been performed. S/N 12652 Date Tested 04-19-97 S/N N/A Date Tested N/A  Robert Alliband FOR RAYTHEON AIRCRAFT CO.				
		Emergency Locator Transmitter Battery To Be Replaced on or Before 04-99.  Robert Alliband FOR RAYTHEON AIRCRAFT CO.				
		In accordance with FAR 91.171 Omni directional receivers were found to be accurate to within ± 1 degrees <u>ICT</u> Place  5/21/97 Pilot or Radio - Crew Chief Date				

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

Aircraft Log Entry

Aircraft Model 58 Date 06-06-1997
Aircraft Serial TH-1817
Registration No. N316DF Hobbs Time 11.5 hrs.

1. Removed & replaced 1/h oil temp. & pressure ind., p/n 102-380014-3, new s/n E97140.

Signature

Raytheon Aircraft Co. MMF-3345

AIRFRAME LOGBOOK ENTRY FOR TH-1817

AUGUST 11, 1997 H.M. 20.1

EXCHANGED NO. 2 KX-165 NAV-COMM, SER. NO.

REMOVED, 58580, REPLACED BY SER. NO.

59401. DETAILS ON FILE REF. W.O. NO.

40499.

Signed

John D. Pelt Title *Dist. Insp.*

Certified Repair Station #BWVR672C
RAYTHEON AIRCRAFT SERVICES, INC.
P. O. Box 9162 WICHITA, KANSAS

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		AIRFRAME LOG BEECH MODEL 58 S/N: TH-1814 REG# N316DF 10-9-97 28.0 FHM INSTALLED NEW OIL PRESSURE GUAGE P/N: 102-380014-3, S/N: G97239. GROUND RAN ENGINE. OPS CHECK OK. REF R.A.S. WO# 04-012853. APPROVED FOR RETURN TO SERVICE Signed <u><i>[Signature]</i></u> Title <u><i>Dept Insp.</i></u> Certified Repair Station #BWVR672C RAYTHEON AIRCRAFT SERVICES, INC. P. O. Box 9162 WICHITA, KANSAS	
		AIRFRAME LOG BEECH MODEL 58 SN: TH-1817 REG # N316DF 3-15-99 FHM: 105.7 REMOVED RH MAIN LANDING GEAR AND DISSEMBLED AND RESEALED STRUT, INSTALLED FOLLOWING PN MS28774-328 RING RETAINER, MS28778-5 O-RING, 35-815247-9 FELT, M83461/1-328 PACKING, AN809-1 VALVE, 504271 SEAL, AND AN6230B5 O-RING AND SERVICED STRUT IAW BEECH BARON 58 MM CHAPTER 5-15 THRU 1-16 AND CHAPTER 2-4. REF R.A.S. WO 04-14809. APPROVED FOR RETURN TO SERVICE Signed <u><i>[Signature]</i></u> Title <u><i>[Signature]</i></u> Certified Repair Station #BWVR672C RAYTHEON AIRCRAFT SERVICES, INC. P. O. Box 9162 WICHITA, KANSAS	

F.A.R. 43.9

[illegible]

MAINTENANCE RECORD

Beech 58 S/N TH-1817 N316DF hobbs 195.2

Legacy AVIATION

5410 OPERATIONS RD. — MONROE, LA 71203

(318) 387-0222 Repair Station #HLWR727E

DATE 4-4-00

Installed new PM Research radome protective boot p/n PM31 per PM research instructions.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

LEGACY AVIATION FAA APPROVED REPAIR STATION #HLWR727E, MUNICIPAL AIRPORT, MONROE LA

SIGNED *Edward C. Schuch* WO# 8177

Boundary Layer Research The Spring Thing™

P/N

Installed Boundary Layer Research Spring Thing
baggage door latch in accordance with BLR installation
sheet this date, no STC Required: DATE: 06/20/00

Hour meter: 340.0 T. Fourman
CRSUG ID531K W.O. #3720 RTS

CERTIFICATE NO.
D/RETURNED TO SERV

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
07/03/00	Hour meter: 361.1	Removed batteries serviced, corrosion treated terminal ends, charged batteries and reinstalled. Installed new Nose Tire P/N 301-016-090 S/N 00600678 Checked bearings. RTS under CA-Air W.O. #3738 7. Journey	
08/25/00	Hour meter 419.6	Rem RH fuel flow gauge P/N 58-380120-3 S/N 2481 and installed P/N 58-380120-3 S/N 2672. Ops checked OK. RTS under CA-Air W.O. #3816 7. Journey	
09/14/00	Hour meter: 463.3	Tacked aircraft & installed new LH RH MAIN gear Tires P/N 301-036-330 Goodyear Flight Custom IT Tires. Greased bearings - Lubricated Landing gear fittings Performed Landing gear retraction & extension test. Checked all clearances per m.m. RTS under CA-Air W.O. #3845 7. Journey	
		CRSUG10531K W.O. #3845	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
12/21/00	634.0 Hourmeter	CWAD# 2000-24-04 Rudder Interconnect Tube Insp. by S.B.# 27-3013 nodisc. noted 1 Time compliance CWAD# 2000-24-04 Rudder cable routing nodisc noted S.B.# 27-3265 1 Time compliance. RTS under LA Air W.O.# 3961 7. Jimmy CRSUG 10531K	
01/06/01	Hourmeter: 657.7	Removed old & installed new RH elev. outboard Attach hinge bolt. Checked bearing for ops. Lubricated & ops checked. Installed new heater ignitor & vibrator P/N 39D18 & 14E00-1. Ran heaters ops checked. Heater-mtr. RTS under LA Air W.O.# 3969 7. Jimmy CRSUG 10531K	
06/01/01	Hourmeter: 889.9	Installed new bolts, bushings, in elev. Trim TAB ACTUATORS LH & RH Bushing P/N 105740X-ZM0290-Bolts NA \$464 P4-8, NA \$1104-60 and Rod Assy. 96-526021-01 LH ACTUATOR. CW Beech S.B. per Insp. of Trim TAB ACTUATOR End play checks. RTS under LA Air W.O.# 4143 7. Jimmy CRSUG 10531K	

MAINTENANCE RECORD

F.A.R. 43.9

KANSAS CITY
BOTANICAL

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATION WORK PERFORMED/RETURNED
06/06/01	Hourmeter: 895.2	Serviced A/c system with 3lbs Freon 134A. Replaced A/c low p. fuse. Checked system for leaks. RTS under W.O. A.R. W.O. #4149 7. Journey CRSUB 10531K	
07/14/01	Hourmeter: 939.5	Sacked RH side of Aircraft & replaced RH main tire w/ P/N 301-036-330 Tire Goodyear Flight Cust. II S/N 10361355. Regreased bearings & checked brakes. Torg. & balanced tire. Reinstalled & salted. Installed new blower motor in a/c evaporator P/N 1523218-1 S/N 555. INST. new blower switch P/N 512 T&S 1203-10 and circuit breaker P/N 7277-2-10. Ops checked A/c system. RTS under W.O. A.R. W.O. #4195 Todd M. Journey CRSUB 10531K	
08/31/01	Hourmeter: 996.9	Sacked A/c & performed landing gear ret. & ext. Cycles normal & eng. Checked gear box fluid level. Checked cable tensions. Installed new Beech RH nose gear door and rigged. Greased all wheel bearings & gear fittings. Replaced RH, LH main drain valves. Replaced Tail Tiedown Area bracket P/N 002-440000-53 with new. →	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		→ checked lights. Serviced batteries. RT5 under C.A.A.	
		W.O.# 4246 Todd M. Fournier	CRSUG1D531K



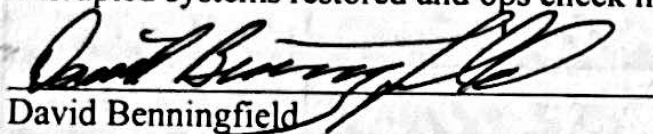
N316DF
HM 1006.6

TH-1817

September 18, 2001

WO# 12042

Complied with service bulletin 51-3451 by replacing two incorrect rivets.
Disrupted systems restored and ops check normal on ground.


David Benningfield

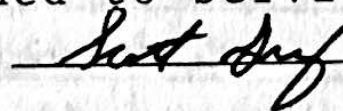
CRS XA12605K

Date 12-06-01 Hobbs 1109.5

1. Removed old and installed new P/N 86245 EGT probe.
2. Removed old and installed new P/N G714127 Thermost.

All above work done in accordance maint. manual.
Returned to service under Louisiana Aircraft W/O

#4371



CRSUG1D531K -----end-----

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & WORK PERFORMED/
12/11/01	Hourmeter: 1114.0	Removed old & installed new heater fuel P/N 58-920054-1. Oper. checked heater. RTS under LA. W.O. #4387 7. Journey CRSUG 10531K	
10/21/02	Hourmeter: 1450.0	Jacked A/C Rem. LH main wheel/assy. Installed new P/N 301-036-006 and 302-247-300 Tube. Goodgear Flight Custom 3. Checked brakes and lubed bearings. RTS under LA Air W.O. #4799 7. Journey CRSUG 10531K	
10/29/02	Hourmeter 1499.4	Removed old & installed new ^{assembled} P/N 40-0127-1C, S/N ARB-3077 ROTATING BEACON. INSTALLED new A508-28 TAIL NAU bulb. RTS under LA Air W/O #4805 Sent Dry CRSUG 10531K	

MAINTENANCE RECORD

F.A.R. 43.9

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05/27/03	Hourmeter: 1755.0	Installed LH & RH new P/N 301-036-006 Main Tires. Lubed wheel bearings & checked brakes. Installed painted new flap RH P/N 35-165050-606 & checked travel & rigging. Inst. new pax/cargo & fwd cabin door seals. Leak checked OK. Repl. light bulbs as req. RTS under CA Air W.O.# 5040 7. Journey CRSUG/ID531K	
06/18/03	Hourmeter: 1774.5	Installed new Alt. Control Relay Capacitor P/N 39 D507G D506L4 and resistor P/N 58-360006-1 on ALT. Aux terminal. Inst. new Relay Resistor Assy (diode) P/N 58-361016-3 RH engine recalled. Ran engine after ALT. Installed and checked & paralleled ALT's. Ops check of RH charging system OK. RTS under CA Air W.O.# 5070 7. Journey CRSUG/ID531K	
12/09/03	Hourmeter: 1982.7	Rear. and gained access to heater. Troubleshoot & found heater fuel pump in op. Installed new fuel pump P/N SD92. Ops check of heater OK. Heater meter Appr. for RTS under LA Air W.O.# 5306 7. Journey CRSUG/ID531K	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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12/18/03	Hourmeter: 1982.7	Taxi, fuel, etc. - preflight landing gear cycle test normal	
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MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repairs are on file at this repair station under work order # 14951

Dated 1/19/04

Inspected By [Signature]

Cert. # 2628729

SERVICEABLE

Name R/L ELEVATOR

Unit 96-610006-618

Aircraft BARON 58 ID#

Disposition R&R SKIDS

Reason for Removal SKID DAMAGE

Removed by AJA Date 1/19/04

Flight Vehicles, Inc.
8244 Lockheed Ave.
Houston, Texas 77061
Phone 713-640-1960 Fax 713-640-1987

FAA CERTIFICATED REPAIR
STATION NO. F8VR2340

01/11/04	Hourmeter: 1982.7	Installed etc & checked travel per Beech m.m. 10 regard & difference.	
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Checked Trim TAB free play & found within limits. Reinstalled all removed components. BAL checked by Repair facility. Reattached static wicks & bonding straps. Repl. Bulbs AS req. A.E. Appr. for RTs under CA Air W.O. #5349 7. Forming CRSUG 105314 for maint. release for elev. This page.

F.A.R. 43.9

[illegible]

MAINTENANCE RECORD

F.A.R. 43.9

[illegible]

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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AIRFRAME LOG BEECH MODEL 58 SN: TH1817 REG # N316DF

6-3-98 FHM: 60.3 A/C TT: 60.3

LH POWERPLANT SN: 683406 ETT: 60.3 RH POWERPLANT SN: 683409 ETT: 60.3

LH PROPELLER SN: 970405 PTT: 60.3 RH PROPELLER SN: 970417 PTT: 60.3

COMPLETED AN ANNUAL INSPECTION IN ACCORDANCE WITH BEEHCRAFT BARON 100-HR OR ANNUAL LONG FORM INSPECTION GUIDE PN 118662H. COMPLIED WITH FAR 91.207 (d) INSPECTION OF INSTALLATION AND OPERATIONAL CHECK OF ELT. ELT BATTERY DUE DATE 4-99. COMPLIED WITH 100-HR LUBRICATION ITEMS PER BEEHCRAFT BARON MM LUBE CHART. COMPLIED WITH 12 MONTH INSPECTION OF SEAT BELTS AND SHOULDER HARNESSES. COMPLIED WITH 12 MONTH INSPECTION AND WEIGHT CHECK OF HAND FIRE EXTINGUISHER. COMPLIED WITH RETORQUE OF WING BOLTS IAW BEECH BARON MM PAGES 3-9 THRU 3-10. COMPLIED WITH TCM SB95-2 CAT. 2 INSPECTION AND LUBRICATION OF ENGINE CONTROLS. INSTALLED NEW OUTBOARD EXHAUST PIPE RH ENGINE PN 96-950004-6. INSTALLED NEW TAXI LIGHT BRACKET PN 58360027-3. COMPLETED A SATISFACTORY OPERATIONAL CHECK OF LANDING GEAR IN NORMAL AND EMERGENCY MODES. NO OTHER APPLICABLE AD'S DUE THIS DATE THRU BY-WEEKLY 98-10. REF R.A.S. WO # 04-13750. APPROVED FOR RETURN TO SERVICE

Signed Henry J. Gamm Title Inspector
 Certified Repair Station #BWVR672C
 RAYTHEON AIRCRAFT SERVICES, INC.
 P. O. Box 9162 WICHITA, KANSAS

6-26-98 H.M. 60.3 Complied with
 AD 98-04-24 icing supplement installed
 in P.O.H.
Henry J. Gamm BWVR672C

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION STATUS & DISCREPANCY LIST

STAGE

IN SERVICE

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

AIRFRAME LOG

BEECH MODEL 58

S/N: TH- 1817 REG # 316DF

6-17-99 FHM: 110.3 A/CTT: 110.4

LH ENGINE SN: 683406 TSN: 110.4 RH ENGINE SN: 683409 TSN: 110.4

LH PROP SN: 970405 TSN: 110.4 RH PROP SN: 970417 TSN: 110.4

COMPLIED WITH AN ANNUAL INSPECTION PER BEECHCRAFT BARON 100-HR OR ANNUAL LONG FORM INSPECTION GUIDE P/N 118662H. C/W 100-HR. LUBES. C/W ANNUAL INSPECTION & WEIGHT CHECK OF CABIN FIRE EXTINGUISHER. C/W ANNUAL REPLACEMENT OF ENGINE AIR FILTERS 2EA. P/N 96-389005-1. C/W ANNUAL INSPECTION OF SEAT BELT & SHOULDER HARNESS. C/W ANNUAL LUBRICATION OF WING BOLTS. C/W TCM SB 95-2. C/W AD 99-09-15 CONTROL COLUMN INSP. PER SB 27-3232. C/W MSB 34-3267 INSTALLED NEW COOLING BLOWER POWER CIRCUIT BREAKER PN 7277-2-1 IAW MSB INSTRUCTIONS. C/W SB 43-3236 YEAR 2000 READINESS NO ANAMALIES EXIST FOR KLN-90B. C/W AD 96-20-07, PRESSURE DECAY TEST OF CABIN HEATER AND PRESSURE SWITCH TEST IAW LANITROL MAINTENANCE AND OVERHAUL MANUAL PN 24E2S-1 PAGE13& 14 AND PAGE 31. C/W SB 26-3052 MODIFICATION OF ENGINE DRIVEN FUEL PUMP SYSTEM INSTALLED NEW FUEL FLOW INDICATORS PN 58-380120-0 LH SN: 2481 RH SN: 2505 AND INSTALLED PLACARD PN 58-920001-3 IAW SB INSTRUCTIONS ON PANEL INSTALLED NEW LH MAIN TIER PN 025-338-0 SN: 9013P00115, CLEANED, INSPECTED AND ASSEMBLED WHEEL IAW BARON MM SECTION 5. INSTALLED NEW TUBE IN NOSE TIRE PN 8.00X5 IAW BARON MM SECTION 5. SERVICED AIR CONDITIONER SYSTEM IAW BARON MM CHAPTER 2. COMPLETED A SATISFACTORY OPERATIONAL CHECK OF LANDING GEAR IN NORMAL AND EMERGENCY MODES. NO OTHER APPLICABLE AD'S DUE THIS DATE THRU BI-WEEKLY 99-11. REF. R.A.S. W/O: 04-15202.

APPROVED FOR RETURN TO SERVICE

Signed Greg Davis Title Inspector

Certified Repair Station #BWVR672C
RAYTHEON AIRCRAFT SERVICES, INC.
P. O. Box 9162 WICHITA, KANSAS

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE



PIEDMONT

AVIATION SERVICES, INC.

DATE: 3/23/00 MODEL: 58 S/N: TH1817 TT: 188.2 HM: 188.2 N# 316DF WO# S000134

Performed a ANNUAL Inspection I/A/W Beechcraft Baron 55,58 Series Maintenance manual. Cleaned water from under heated windshield plate and resealed, replaced right main tire, replaced instrument air pressure regulator P/N 50-324377-3 and adjusted pressure, replaced both bottom beacon bulbs, replaced left engine outboard exhaust pipe hanger, relined left and right brakes, inspected ELT per FAR 91.207(d) battery due 6/2001. Performed ground operational checks no defects noted, details of work performed are on file at this repair station under W.O. S000134. END-----

APPROVED BY: Wayne Moon INSPECTOR FOR
PIEDMONT AVIATION SERVICES, INC. GREENSBORO, N.C. F.A.A. REPAIR
STATION # PAI5208A

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		DATE <u>3-23-00</u> AIRCRAFT TOTAL TIME IN SERVICE <u>188.2</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION APPROVED BY <u>Wayne Moore</u> INSPECTOR PIEDMONT AVIATION SERVICES INC. GREENSBORO, N.C. APPROVED REPAIR STATION #PAI5208A
3/27/00		Hourmeter + ACTT: 479.6 Completed 100hr Insp. this date in accordance with Beech guide Pln 1186626. CW AD #84-26-02 Induction Air filters by replacement Pln's 96-389005-1. ELT ops checked per FAR 91.207(d) due date on battery 6/2001. Changed pressure system filters zen. D9-14-5 and 154-7 ea. vacu. cell. Replaced beacon bulbs as required. Performed landing gear retraction extensions test per m. m. Lubed all gear. Fabricated patch on RH nose gear door until part available. See stamp next page.

INSPECTION RECORD

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DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		I certify that this aircraft or engine has been inspected in accordance with a <u>100 hr</u> inspection, was determined to be in airworthy condition.
		Date <u>09/27/00</u> Total Time <u>479.6</u>
		Louisiana Aircraft, Inc. W/O # <u>3873</u>
		CRS-UG1D531K Inspector <u>John M. Journey</u>
		Work Order # <u>3873</u>
		Date <u>09/27/00</u>
		Signed <u>J. Journey</u>
		Signature of Authorized Individual
		LA. AIRCRAFT, INC. # UG1D531K
		SATELLITE REPAIR STATION
		P. O. DRAWER 310
		RUSTON, LA 71273-0310

Maintenance Release

This aircraft and / or component identified above
was repaired and inspected in accordance with
current federal air regulations and was found
airworthy for return to service. Pertinent details
of the repair are on file at this agency.

Work Order # 3873

Date 09/27/00

Signed J. Journey
Signature of Authorized Individual

LA. AIRCRAFT, INC. # UG1D531K
SATELLITE REPAIR STATION
P. O. DRAWER 310
RUSTON, LA 71273-0310

INSPECTION RECORD

F.A.R. 43.11-91.409

Raytheon 58 s/n TH-1817 N316DF Hobbs 801.0

Legacy AVIATION

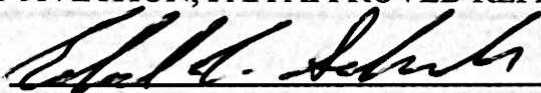
5410 OPERATIONS RD. — MONROE, LA 71203
(318) 387-0222 Repair Station #HLWR727E

DATE 4-2-01

Completed Annual inspection in accordance with Raytheon Annual long form inspection guide p/n 118662H. C/W Raytheon AD00-18-02 inspected logbooks no elevator skins replaced, no further action required. C/W Raytheon AD00-26-16 found rivets missing, installed nine rivets per SB53-3341 R1 no further action required. C/W Janaero AD96-20-07 found B4500 heater factory installed, new air switch p/n 94E42-2 installed, AD is permanently complied with. Repainted LT & RT landing light lens covers & LT fuel cap. Secured heater temp cable as required. Installed new A/C pulley p/n 58-555013-7 and adjuster p/n 58-555012-5 and new belt p/n HC38X39.50. Installed new A/C dryer assy p/n 90-384019-3 and serviced system with 134A. Installed new beacon bulb p/n 7079B-24. Installed new copilot's map light bulb p/n 1495. Adjusted flaps up limit switch per M/M. Installed new LT aileron trim tab control horn p/n 45-135039-3. Installed new LT & RT brake disc's p/n 164-06106 and new brake linings p/n 066-04400. Resealed LT wheel caliper and bled brakes. Installed LT main wheel bearing seal p/n 1702641. Installed new RT main tire p/n 6.50x8 8ply s/n 02000688 with new tube. Installed new fuel cap orings p/n MS29513-338. Installed new Landing gear motor brushes p/n 35175-A. Installed new inline filters p/n RA1J4-7. Installed new air pump inlet filters p/n RA-D9-14-5. Installed new LT landing light lens p/n 96-170000-7. Adjusted down lock cable tension per M/M. Completed all ground operational and leak checks satisfactorily.

I certify that this aircraft has been inspected in accordance with an annual inspection and found to be in an airworthy condition.
LEGACY AVIATION, FAA APPROVED REPAIR STATION #HLWR727E, MUNICIPAL AIRPORT MONROE LA

SIGNED



WO#

8623

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
02/13/02	Hr mtr: 1180.2	Completed an Annual Insp. this date in
		accordance with Beech guide 118662 G. Installed new ELT
		BA Henry PIN 452-0130 New due date on Bnt. April 2004 Insp.
		+ Tested per FAR 91.207(d). Replaced FLAP Approach Limit switches
		LH flap and actuators. Checked and adj. rigging. CW AD#
		84-26-02 Induction Air filters by replacement of filters
See Front of	this log for AD's.	next due 500 hrs Hr mtr: 1680.2. Repl. Inst. inline filters. Jacked
		Aircraft & performed Landing gear retraction & extension cycles normal
		lang. no disc noted at this time. Lubed gear. Replaced all tires
		see w.o. . Repl. Inner wheel hub bearing & race RH main. Repl. LH
		MAIN wheel Inner & outer wheel bearing & races. Repl. all brake linings.
		Repl. Trim Tab actuator bolt & bearing aft. Checked travel ^{limits} per min.
		on Trim TABS. I certify that this aircraft or engine has been inspected
AD # 2001-23-10	N/A	in accordance with an <u>ANNUAL</u> inspection,
AD # 2001-11-03	N/A NO KA 33	was determined to be in airworthy condition.
AD # 2000-26-16	P/c/w/d	Date <u>02/13/02</u> Total Time <u>Air frame 1180.2</u>
		Louisiana Aircraft, Inc. W/O # <u>4462</u>
		CRS-UG1D531K Inspector <u>J. J. J. J.</u>

N316DF BEECH 58 S/N TH 1817 HOBBS 1325.2

5410 OPERATIONS ROAD, MONROE, LA 71203
(318) 387-0222 Repair Station #HLWR727EDATE 6-26-02

Installed overhauled prop sync controller p/n 213699 s/n 12295529. Installed new air conditioning idler pulley bearing p/n 203SZZ. Installed new right main wheel grease seals p/n 1541-03000. Installed one new seal p/n 1541-03000 in left main wheel. Installed new right lower aft wing bolt cover p/n 35-105110-1 with new gasket p/n SA534857. Removed right elevator and trim tab. Installed new hinge half p/n 96-610021-30 on trim tab. Installed new hinge half p/n 45-610005-55 on elevator. Checked elevator balance per M/M. Installed elevator. Installed newaft bearing p/n ARR4MFNH-2A and bolt p/n NAS1304-25D on right elevator control rod installed new bolts p/n NAS464P4-6 & NAS464P4-8 at elevator trim tab control rod ends. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

MONROE AIR CENTER, FAA APPROVED REPAIR STATION #HLWR727E
MONROE REGIONAL AIRPORT, MONROE, LOUISIANA

SIGNED

A handwritten signature in dark ink, appearing to read "Paul L. S. J.", written over a horizontal line.

WO#

9185

INSPECTION RECORD

DATE

A

N316DF BEECH 58 S/N TH 1817 HOBBS 1435.7



5410 OPERATIONS ROAD, MONROE, LA 71203
(318) 387-0222 Repair Station #HLWR727E

DATE 9-16-02

Inspected engines and landing gear using Beech 58 100 hour inspection as a guide. Adjusted main gear strut height per manual. Installed new landing gear motor p/n 58-380090-1 s/n 12222 and overhauled gear actuator p/n 95-810017-23 (Cruiseair Aviation Inc. W.O.#7385). Rigged landing gear per service manual. Installed new left and right brake linings p/n 066-04400. Installed new left and right induction air filters p/n 96-389005-1. Installed new left and right alternate air ducts p/n 111716HX6XX30. Installed new tail nav light bulb p/n A508-28, right landing light p/n 4596, and taxi light p/n 4596. Installed new left fuel vent heat element p/n 58-380090-1. Installed new forward hinge p/n 022-430052-17 on pilot storm window. Evacuated A/C system, pulled vacuum, and serviced system with 3 lbs. R-134. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

MONROE AIR CENTER, FAA APPROVED REPAIR STATION #HLWR727E
MONROE REGIONAL AIRPORT, MONROE, LOUISIANA

SIGNED

WO# 9254Date 12/23/02

Hour meter 1538.5 Completed An Annual Insp. this date in accordance with Beech guide P/N 118662 G with Ref. to FAR 43 (G). Jacked Aircraft and performed Landing gear retraction test and normal emergency extension cycles ok. Lubed all wheel bearings. Insp. Repl. bulbs as req. Checked control Cable Tensions - Rem. R H elevator and installed new TRIM TAB Actuator Assy. Checked & set TRIM TAB

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		Actuator control cable tension. Replaced hardware on push pull Rod. Reinstalled elev. (no rebalance required). Replaced cargo door seals nose baggage. Installed new pax door open switch. Re positioned pax door seal. AD# 2003-01-01 RH fuselage Missing Rivets Plc/w'd by Legacy Aviation S.B. #53-3341 RI Time compliance. AD# 2002-11-07 Rotating Beacon C.B. Switch N/A by slr of Aircraft / Time compl. Inspected & tested ECT per FAR 91.207 (d) due date of BAT April 2004. AD list continuation front of this log. Actuator P/N 96-526013-626 RH TINTAB I certify that this aircraft or engine has been inspected in accordance with an <u>Annual</u> inspection, was determined to be in airworthy condition. Date <u>02/23/02</u> Total Time <u>1538.5</u> Louisiana Aircraft, Inc. W/O # <u>4845</u> CRS-UG1D531K Inspector <u>T. Journey</u>

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

N316DF BEECH 58 S/N TH 1817 HOBBS 1578.6



5410 OPERATIONS ROAD, MONROE, LA 71203
(318) 387-0222 Repair Station #HLWR727E

DATE 1-7-03

C/W 15 year wing bolt / fitting inspection and wing bolt replacement per Raytheon/Beech maintenance manual. Installed all new wing bolts, washers and nuts. Treated all bolts, nuts, fittings with corrosion preventative compound. Torqued per M/M. Wing bolts due re-torque at next scheduled inspection or 100 hours. Installed new landing gear motor p/n 58-380090-1 s/n 12254. Operational check normal.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

MONROE AIR CENTER, FAA APPROVED REPAIR STATION #HLWR727E
MONROE REGIONAL AIRPORT, MONROE, LOUISIANA

SIGNED

A handwritten signature in black ink, appearing to read "Paul L. CD".

WO# 9340

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
22-03	Hobbs 1644.2	
		Completed Annual insp. This date in accordance
		with Beech guide P/N 118662G with ref to FAR 43(d).
		Insp. and tested ELT per FAR 91.207 (d) battery due
		April 2004. Installed new P/N 102-384039-1
		Lighting Controller. Installed new P/N 40-0127-1C
		S/N ARB-3216 Beacon, 8130-3 this page. Installed
		new O-rings in right brake caliper. Installed new
		clip on right forward ^{upper} wing bolt cover. Installed new
		P/N 96-389005-1 Air Ritters, left and right side.
		Installed a new engine S/N 686478 on left
		side, and new engine S/N 686477 on right side.
		— STAMP NEXT PAGE —

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		I certify that this aircraft or engine has been inspected
		in accordance with a <u>Annual</u> inspection.
		was determined to be in airworthy condition.
		Date <u>03-22-03</u> Total Time <u>1644.2</u>
		Louisiana Aircraft, Inc. W/O # <u>4946</u>
		CRS-UG1D531K Inspector <u>J. Fournier</u>

N316DF BEECH 58 S/N TH 1817 HOBBS 1681.7



5410 OPERATIONS ROAD, MONROE, LA 71203
(318) 387-0222 Repair Station #HLWR727E

DATE 4-17-03

C/W wing bolts due re-torque per M/M. Installed new oil temp bulb p/n MS28034-1 s/n 101848. Installed new taxi light switch p/n 35-380132-43. Installed new wire from sub-panel light controller to TB22. Ops check good.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

MONROE AIR CENTER, FAA APPROVED REPAIR STATION #HLWR727E
MONROE REGIONAL AIRPORT, MONROE, LOUISIANA

SIGNED

Ruth G. Galt

WO# 9411

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

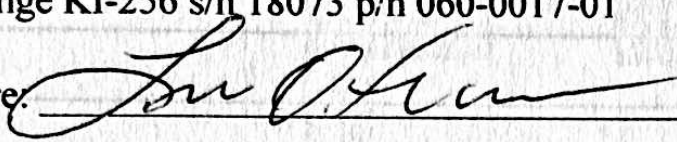
AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR

N316DF

07/25/2003

Installed exchange KI-256 s/n 18073 p/n 060-0017-01

Signature: 

1996356

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

MONROE AIR CENTER, LLC.
AVIONICS DIVISION
5410 OPERATIONS RD., MONROE, LA.
REPAIR STATION NUMBER HLW2727E
WORK ORDER NUMBER: 55629

INSPECTION RECORD

N316DF BEECH 58 S/N TH 1817 HOBBS & ACTT 1859.2



5410 OPERATIONS ROAD, MONROE, LA 71203
(318) 387-0222 Repair Station #HLWR727E

DATE 8-21-03

R SERVICE

Completed 100 hr inspection per Beech 58 inspection guide. Installed new left strobe flash assembly p/n 30-1331-3RX s/n 5351. Installed new left and right induction air filters p/n P128167. Installed new left and right fuel cap o-rings p/n MS29513-338. Installed new left and right brake linings p/n 066-04400. C/W 12 month ELT inspection. Battery expiration date April 2004. Installed new bearing seals p/n 154-03000 in left main wheel. Installed new MS28775-132 o-rings in left brake caliper. Serviced and bled brakes.

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and found to be in an airworthy condition.

MONROE AIR CENTER, FAA APPROVED REPAIR STATION #HLWR727E
MONROE REGIONAL AIRPORT, MONROE, LOUISIANA

SIGNED

Paul G. Sp

WO#

9544

I have test flown N316DF and found it to be in airworthy condition per Kelly ARP 437481624 10/28/03

04/13/04

Hrmt: 237.1

Completed An Annual Insp. this date in accordance with Beech M.M. guide with ref to FAR 43(d). ELT removed and new battery installed new due date May 2006. ELT ops checked & inspected per FAR 91.207(d) Removed CH elevator and installed new trim tabs actuator P/N 96-526 013-625 Installed steel Bushing & bearing P/N's 104-524 056-3 and 96-61 0026-1 per

INSPECTION RECORD

F.A.R. 43.11-91.409

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

M.M. section shop manual Trimtab horn repair. Installed new bush bolts in RH elev. Trimtab. Checked & set TRAVEL & cable tensions. per m.m. for Trim TABS. Repl. Bulbs as req. Adj. flap upstop bumpers. Repl. A/C Overhead (Y) Valve Components. & gas checked. Rem. sealant and resealed windshield heat plate due to moisture. gas check ok. Serv. w/batteries. Preformed Landing gear check.

I certify that this aircraft or engine has been inspected
in accordance with a Annual inspection.
was determined to be in airworthy condition.

Date 04/13/04 Total Time Air frame 2137.1

Louisiana Aircraft, Inc. W/O # 0640

CRS-UG1D531K Inspector T. Fournier

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

7-2-04

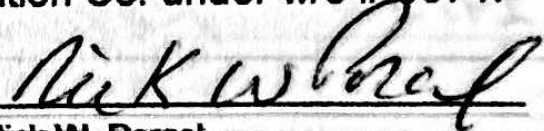
160BBS	2230.
--------	-------

REPLACED RT ELEVATOR with overhauled
PART No. 96-610006-618 SERIAL No
TJ 69. REPLACED EVAPORATOR blow motor.
REPLACED BEACON bulb. DETAILS on R1e
under Lowe AVIATIONS W/O 7918.

ET 6991

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST																	
		SIGNATURE	CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE																
		<u>Lowe Aviation Company</u> <u>Macon, Georgia</u> <table><tr><td><u>Aircraft registration</u></td><td>N318DF</td><td><u>Date</u></td><td>Nov. 15, 04</td></tr><tr><td><u>Manufacture</u></td><td>Beech</td><td><u>Work Order</u></td><td>8071</td></tr><tr><td><u>Model</u></td><td>Baron 58</td><td><u>Hour Meter/Tach</u></td><td>2298</td></tr><tr><td><u>Serial Number</u></td><td>TH-1817</td><td><u>Total Time</u></td><td>2298</td></tr></table> Repaired right oil temp. wiring, replaced left push to talk switch, repaired prop sync., replaced right dry air pump. Performed gear retract test, greased gear. Repacked wheel bearings, complied with FAR 91.207D. Battery expires May 2006, lubricated all flight controls, cleaned fuel screens, serviced aircraft battery, replaced right EGT probe (86245). Complied with AD96-20-07, no defects. This aircraft has been inspected in accordance with an annual inspection and found to be airworthy. Details on file at Lowe Aviation Co. under w/o # 8071.  Nick W. Porcel FAA repair station # ETER699D		<u>Aircraft registration</u>	N318DF	<u>Date</u>	Nov. 15, 04	<u>Manufacture</u>	Beech	<u>Work Order</u>	8071	<u>Model</u>	Baron 58	<u>Hour Meter/Tach</u>	2298	<u>Serial Number</u>	TH-1817	<u>Total Time</u>	2298
<u>Aircraft registration</u>	N318DF	<u>Date</u>	Nov. 15, 04																
<u>Manufacture</u>	Beech	<u>Work Order</u>	8071																
<u>Model</u>	Baron 58	<u>Hour Meter/Tach</u>	2298																
<u>Serial Number</u>	TH-1817	<u>Total Time</u>	2298																

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

Lowe Aviation Company

Macon, Georgia

Aircraft registration

N316DF

Date

Feb. 23, 2005

Manufacture

Beech

Work Order

8242

Model

Baron 58

Hour Meter/Hobbs

2358

Serial Number

TH-1817

Removed nose gear, replaced orings and serviced. Performed retract.
AD 2004-25-16 N/A part not installed. This aircraft is returned to service.
Details are on file under Lowe Aviation Co. work order # 8242.

Nick W. Porcel

Nick W. Porcel

Repair Station # ETER699D

7-20-05 2416.0

Replaced both main tires

Mark Newman A.P. A 416906225

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
		SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

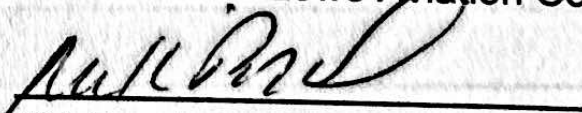
Lowe Aviation Company

Macon, Georgia

Aircraft registration N316DF
Model 58
Serial Number TH-1817

Date 11-4-2005
Work Order 8664
Hour Meter/Hobbs 2473
Total Time 2473

Complied with FAR 91.207D, battery expires May 06. Repacked wheel bearings. Greased gear. Performed retract test. Lubricated all flight controls. Serviced aircraft battery. Replaced A/C compressor and belt. Serviced with 134A freon. Replaced right nav bulb. Replaced left and right brake linings. Replaced lower beacon bulbs. This aircraft has been inspected in accordance with an annual inspection and found to be airworthy. Details are on file under Lowe Aviation Co. work order # 8664.



Nick Porcel

Repair Station # ETER699D

INSPECTION RECORD

F.A.R. 43.11-91.409

2531

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
3-2-06	2531.0	Complied With Raytheon Aircraft Co. mandatory SB 76-3763, LOCK WASHERS IN PLACE. Installed new MS21042L3 Lock nut ON END of Fork Actuator Rod. <i>Fred A. Johnson</i> A6424604401

Lowe Aviation Company- Macon, GA
FAA R/S ETER699D

N 316DF

Altimeter P/N 5934-1 A.67 S/N 4K263

The Altimeter and Static System test required by F.A.R. Part 91.411 has been performed this date 04/17/2006. Altimeter(s) tested in compliance with Appendix "E", Part 43 F.A.R. to 20,000 ft. on date 04/17/2006.

[Signature]
Signature of Authorized Person

Lowe Aviation Company- Macon, GA
FAA R/S ETER699D

N 316DF

Altimeter P/N ~~066-03062-0008~~ / N 3806

The Altimeter and Static System test required by F.A.R. Part 91.411 has been performed this date 04/17/2006. Altimeter(s) tested in compliance with Appendix "E", Part 43 F.A.R. to 35,000 ft. on date 04/17/2006.

[Signature]
Signature of Authorized Person

INSPECTION RECORD
F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE _____

**AIRCRAFT TIME
IN SERVICE**

Lowe Aviation Co.
Macon, GA. FAA R/S ETER699D

Date 4-17-06 N# 3160F

Model KING KT-70

Serial Number 12652

I certify this Transponder has been tested and inspected
And found to comply with FAR 91.413.

Frank Lipo

Signature of Authorized Person.

6-14-06

2581.0

Installed new 650x8, 8ply tire, Lt MLG

Goodyear Flt Cns III

Fred H. Johnson ^{GP}

HP 424604401

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Lowe Aviation Company

Macon, Georgia

Aircraft registration

N316DF

Date

11/30/2006

Model

58

Work Order

9771

Serial Number

TH-1817

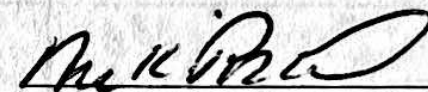
Hobbs

2619

AFTT

2619

Serviced aircraft battery. Complied with FAR91.207D. Battery expires Sept 2008. Complied with AD 2004-25-16R1, no defects noted. Cleaned fuel screens. Lubricated all flight controls. Repacked wheel bearing, greased gear performed retract test. Removed left oil temp gauge and reinstalled after repair by Mid-Continent. Replaced left elevator trim tab screw. Adjusted left flap bumper. Replaced right aileron aft rod end. Replaced fuel cap orings. This aircraft has been inspected in accordance with an annual inspection and found to be airworthy. Details are on file under Lowe Aviation Co. work order # 9771.



Nick Porcel

Repair Station # ETER699D

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
2-21-07	2638.7	Hobbs: Installed new Tempest Dry Air Pump AA442CW-12 and new RA1J4-7 Filter Air Eng For CK + ops CK. No Defects noted. <i>Frederick A. Johnson</i> 174246044015A

Lowe Aviation Company

Macon, Georgia

Aircraft registration

N316DF

Date

12/10/2007

Model

58

Work Order

10393

Serial Number

TH-1817

Hobbs

2726

AFTT

2726

Complied with FAR 91.207D, battery expires 09/08. Replaced left and right brake linings. Lubricated all flight controls. Repacked wheel bearings. Greased gear. Performed retract test. Cleaned fuel screens. Serviced aircraft battery. Replaced strobe power supply. Replaced tail nav bulb. Replaced aft evaporator motor. This aircraft has been inspected in accordance with an annual inspection and found to be airworthy. Details are on file under Lowe Aviation Co. work order # 10393.

Nick Porcel

Nick Porcel

FAA Repair Station # ETER699D

COMPONENT PART NUMBER

5934-3 A.67

COMPONENT SERIAL NUMBER

4K263

WORK ORDER NUMBER

35268

DATE

ALTITUDE PRESSURE			ALTITUDE PRESSURE		
ALTITUDE FEET	SCALE ERROR	FRICTION ERROR	ALTITUDE FEET	SCALE ERROR	FRICTION ERROR
-1000	0		14000	-30'	
0	0		15000		35'
-500	-5'		16000	-30'	
1000	-5'	25'	18000	-30'	
1500	-10'		20000	-25'	50'
2000	-10'	25'	22000		
3000	-10'	25'	25000		
4000	-15'		30000		
5000		30'	35000		
6000	-15'		40000		
8000	-20'		45000		
10000	-25'	30'	50000		
12000	-30'				

Altimeter

The Alti
has been
has been
20,000The aircr
inspected
be airwor
Details aAL3160F
Co-Pilot's
Altimeter*****
This ALTIMETER has been tested in compliance with FAR Part 43, Appendix E.Calibrated to 20,000 feetTechnician's Signature: *[Signature]*Date: 3 Dec 07LOWE AVIATION INSTRUMENT SHOP
REPAIR STATION # ETER699D

F.A.R. 43.11-91.409

[illegible]

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Lowe Aviation Company

Macon, Georgia

Aircraft Registration

N316DF

Date

2/25/2009

Model

58

Hobbs

2794

Serial Number

TH-1817

AFTT

2794

Cleaned and repacked wheel bearings. Greased gear. Performed retract test. Cleaned fuel screens. Serviced aircraft battery. Complied with FAR 91.207D, battery expires 06/2011. Serviced gear struts with nitrogen. Replaced left and right main tires P/N 658C86-4. Replaced left nav bulb. Complied with AD 2004-21-05, no defects. Replaced propeller deice timer with new. Replaced right fuel flow transducer. Replaced right fuel selector valve 58-380109-3 S/N 1638. This aircraft has been inspected in accordance with an annual inspection and found to be airworthy. Details are on file under Lowe Aviation Co. work order # 11003.


Nick Porcel

FAA Repair Station # ETER699D

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Lowe Aviation Company

Macon, Georgia

Aircraft Registration

N316DF

Model

58

Serial Number

TH-1817

Date

3/4/2010

Work Order

11577

Hobbs

2827

AFTT

2827

Repaired right oil temp wiring. Replaced left strobe flash tube. Replaced left fuel boost pump P/N 4404-00-7NV S/N 5415. Lubricated all flight controls. Greased gear. Clenaed and repacked wheel bearings. Performed retract test. Cleaned fuel screen. Serviced aircraft battery. Complied with FAR 91.207D battery expires June 2011. Complied with AD 2008-13-17 in accordance with SB 24-3735 circuit breaker switch replacement. This aircraft has been inspected in accordance with an annual inspection and found to be airworthy. Details are on file under Lowe Aviation Co. work order # 11577.



Nick Porcel

FAA Repair Station # ETER699D

SECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Lowe Aviation Co. – Macon, GA
FAA REPAIR STATION ETER699D

N 316DF

Altimeter P/N 5934-3 A.67 S/N 4K263

The Altimeter and Static System test required by FAR 91.411 has been performed on this date 03/01/2010. Altimeter has been tested in compliance with FAR 43 Appendix "E" to 30,000 ft. on this date 03/01/2010.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current FAA regulations and found to be airworthy for return to service with respect to the work performed. Details are on file under Lowe Aviation Co. work order no. 36336.


Signature of Authorizer

Signature of Authorized Person.

Lowe Aviation Co. - Macon, GA
FAA REPAIR STATION ETER699D

N 316DF

Altimeter P/N 066-03062-0008 S/N 3806

The Altimeter and Static System test required by FAR 91.411 has been performed on this date 03/01/2010. Altimeter has been tested in compliance with FAR 43 Appendix "E" to 35,000 ft. on this date 03/01/2010.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current FAA regulations and found to be airworthy for return to service with respect to the work performed. Details are on file under Lowe Aviation Co. work order no. 36336

Signature of Authorized Person

Signature of Authorized Person.

ALTIMETER CALIBRATION SHEET

CO PITS

COMPONENT PART NUMBER

5934-3 A-67

COMPONENT SERIAL NUMBER

4K263

WORK ORDER NUMBER

36336

DATE

AIRCRAFT TIME
IN SERVICE

ALTITUDE PRESSURE

ALTITUDE
FEET

SCALE
ERROR

FRICTION
ERROR

ALTITUDE PRESSURE

ALTITUDE
FEET

SCALE
ERROR

FRICTION
ERROR

-1000

0

0

500

-5

1000

0

1500

0

2000

0

3000

-10

4000

-10

5000

6000

-10

8000

-10

10000

-25

12000

-35

14000

-30

15000

20

16000

-40

18000

-40

20000

-40

22000

-70

25000

-110

70

30000

-170

70

35000

40000

45000

50000

Lowe Av
FA

Date 3-1-1

I certify that the Trans
and found to comply

Model KT-7

The aircraft and/or co
and/or inspected in ac
and found to be airwa
the work performed.
Co. work order no.

Signature

This ALTIMETER has been tested in compliance with FAR Part 43, Appendix E.

Calibrated to 30000 feet

Technician's Signature:

Date: 03/01/10

LOWE AVIATION INSTRUMENT SHOP
REPAIR STATION # ETER699D

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Lowe Aviation Company

Macon, Georgia

<u>Aircraft Registration</u>	N316DF	<u>Date</u>	4/11/2011
<u>Model</u>	58	<u>Work Order</u>	12138
<u>Serial Number</u>	TH-1817	<u>Hobbs</u>	2902
		<u>AFTT</u>	2902

Replaced induction air filters. Cleaned and repacked wheel bearings. Greased gear. Performed retract test. Serviced brake reservoir. Lubricated all flight controls. Cleaned fuel screens and replaced gaskets. Serviced air ^{craft} batteries. Complied with FAR 91.207D. Replaced battery expires May 2008. Complied with AD 2004-21-05 PDT and inspection, no defects. Replaced compass gasket\$ and serviced. Replaced pneumatic filters. Replaced fuel cap orings. Replaced right gear anti ice cover. Serviced air conditioner. Adjusted right voltage regulator. This aircraft has been inspected in accordance with an annual inspection and found to be airworthy. Details are on file under Lowe Aviation Co. work order # 12138.



Nick Porcel

FAA Repair Station # ETER699D