

# RAM<sup>TM</sup>

## AIRCRAFT

### Smooth Feed Sheets<sup>TM</sup>

Gray's Aircraft Refinishing, Inc.  
P.O. Box 596  
Ozark, AR 72949

AIRCRAFT TYPE: Baron  
N" NUMBER: N2852W

Stripped Aircraft, epoxy primed. Aircraft  
refinished using the following Imron Colors:

Imron White HS 10701

Imron Black Metallic 44435

Las Vegas Gold 5242

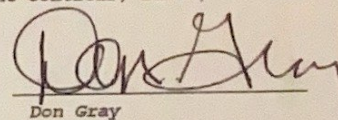
Red HT 10699

Imron Clear 500S

Checked balance of Flight Controls, lubed,  
and greased gear.

10/8/04

Date



Don Gray

A&P 412023444

## AIRFRAME MAINTENANCE RECORDS

Registration No.

N2852W

Serial No.

TH-349





## AIRFRAME MAINTENANCE RECORDS

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

Aircraft Registration No. N2852W

Model Beechcraft Baron 58

Serial No. TH-349

254/752-8381

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708  
FAX 254-752-3307

1-800-445-9713

"LOGBOOK FORMAT REPRINTED WITH THE PERMISSION OF AEROTECH PUBLICATIONS, INC.  
THE ADLOG (TM) SYSTEM, COPYRIGHT 1979."



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

**BLUE SKIES AIRCRAFT MAINTENANCE**  
**1119 SOUTH 13<sup>TH</sup> STREET**  
**ROGERS AR. 72758 479-986-0190**

**7-10-2006 N2852W AIRFRAME S/N 58-TH349 Hobbs:5735.0 ACTT:8422**

Complied with *100 hour inspection* items in accordance with Manufacturers Inspection Guide. Removed and replaced right ammeter with O/H unit P/N 96384053-1. Ops check good. Installed new Left and right radio noise filters P/N LS030-01004 at each alternator. Replaced right propeller spinner with new P/N 57D4511-2P. Replaced left elevator with repaired unit P/N 96-610006-617. Checked travel limits and rigging. FAA form 8130-3 on file at RS OG3R-735-L under W.O. # 063006 and maintained in aircraft permanent record. Replaced exhaust stack assembly P/N 96-324101-12 on right engine outboard with repaired unit. Installed new right engine outboard exhaust bracket / brace P/N 96-950013-9. Replaced right engine alternate air door cable assembly P/N 50-389012-19. Removed and replaced LH 40 Gal. Baffled main fuel cell P/N 58-380003-9 with new alt. P/N 2530-9 S/N CR678 and performed leak check. Removed and replaced LH inboard fuel cell P/N 58-380003-9 with alt. P/N 2503-9 S/N CR979. Performed leak check. Replaced right wing inboard leading edge fuel qty. transmitter P/N 58-380001-11 S/N 061132. Repaired open in wiring at taxi light. Replaced right engine throttle position switch P/NMS25253-1. Ops check good. Adjusted right flap vibration dampner/stop. Repaired heater ducting beneath floor panels. Shimmed elevator trim servo for clearance of turnbuckle on elevator trim actuator pulley. Rerouted alt air door cable for clearance of elevator cable counterweight. Serviced left and right brake reservoir. Replaced nose wheel bearing cup P/N 8231. Replaced innertubes in nose and left main tires. Installed overhauled D83A28 Janitrol combustion heater S/N 5721413. Ops and leak check good. FAA form 8130-3 on file under wo # 12135 at RS XX2R309L and maintained in aircraft permanent record. Installed repaired pitch trim servo P/N 4000292-8509 S/N2807 and capistan Assy. P/N 4006669-0501. Replaced left and right elevator trim tab actuator attach bolts P/N NAS464P4-6 and checked freeplay. Removed left fuel boost pump and installed in right position for convenience. Ops check good. Installed overhauled fuel boost pump P/N 4404-007NV S/N 8882 in left position. Ops and leak check good. FAA form 8130-3 on file under wo# 12450 at RS YPGR715L and maintained in aircraft permanent record. Installed new left fuel vent/siphon tube assembly P/N 002-920017-1. Installed new left and right engine induction air tubes P/N 96-919111. *Replaced all left and right engine fuel, oil and hydraulic hoses commensurate with engine overhaul. Leak check good.*

*Continued*


**SUB-TOTALS** this page

**TOTALS**—Carry forward to next page



*Continued from previous***ENGINE INSTALLATION TO AIRFRAME**

Removed and replaced left and right engines with RAM overhauled IO-550-C Colemill STC SA176250 approved powerplants. New J10778-16 mounts and AN7-37AM bolts and 130909N39 nuts with installation. Left engine S/N 271955-R and right engine S/N 271956-R. (Ref engine logs)

**Complied with the following time items:**

FAR 91.207 ELT inspection and functional test. Next due July 07.

ELT battery replacement. Next due Mar. 2011.

Verified all previous AD compliance by record research and inspection and documented in AD log.

**Complied with the following AD's:**

84-09-01 Amdt. 39-4847 section(a) no further action required.

91-15-20 amdt. 39-7084 by engine mount inspection. No defects noted at this time.

Next due 5835.

2001-23-10 amdt. 39-12507 by inspection of flap cable ID tag. NA per date code.

2002-11-07 amdt. 39-12768 by inspection of rotating beacon circuit breaker and proximity of hardware.

2003-01-01 amdt. 3913012 by accomplishment of SB53-3341 instructions.

2001-07-03 amdt 39-12168 by records review. NA per prop current status.

2002-09-08 amdt 39-12741 by records review. NA per P/N.

2005-14-11 amdt 39-14188 by records review. NA per prop current status.

84-26-02 amdt 39-4966 by induction air filter replacement.

Next due: 5835

76-07-12 R1 amdt. 39-3024 by inspection and operational check of ignition switch.

Next due: 5835.

Repairs and Inspection performed in accordance with current manufacturers Maintenance library and instructions for continued airworthiness.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition and is approved for return to service.

Ricky E. Townsend AP/IA 488843646

SUB-TOTALS this page

TOTALS—Carry forward to next page



Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050  
LOG ID# 1873 13-November-2006 WO# 3647 REF# 3647 HOBBS 5735.2  
N2852W S/N TH-539 BEECH 58

Pg 1 / 5

\*\*\*\* ITEM # 3647-1 PERFORM FAR 91.411/91.413 \*\*\*\*

DISCREPANCY: PERFORM FAR 91.411/91.413.

MODEL: N.A. PART#: 5934-A67 SERIAL#: 95665

ACTION: CONNECTED RAMP TEST EQUIPMENT AND TESTED PITOT AND STATIC SYSTEMS. FOUND STATIC SYSTEM WOULD NOT PASS FAR 91.411 REQUIREMENTS. SEE TASK ITEM 4 FOR MORE DETAILS ON STATIC SYSTEM REPAIRS. AFTER REPAIRS MADE TO STATIC SYSTEM, THE UNITED 5934-A67 ALTIMETER, S/N 95665, AND THE TCI D120-P2-T ALTITUDE ENCODER, S/N 39843, WERE TESTED TO 20K FEET AND FOUND IN COMPLIANCE WITH FAR 91.411 REQUIREMENTS. THE ALTITUDE ENCODER WAS RAMP ADJUSTED UNDER TASK ITEM 6. THE TDR950 XPDR, P/N 622-2092-001, S/N 17980, WAS RAMP TESTED AND THE XMITTER POWER AND FREQUENCY RAMP CHECKS WOULD NOT PASS FAR 91.413 REQUIREMENTS. SEE TASK ITEM 5 FOR MORE DETAILS ON XPDR REPAIR.

\*\*\*\* ITEM # 3647-2 REPAIR A/P-PITCH AXIS ERRATIC \*\*\*\*

DISCREPANCY: REPAIR BENDIX FCS810 A/P-CUSTOMER REPORTS PITCH AXIS TO BE ERRATIC, SUSPECTS PITCH SERVO.

MODEL: SE-816A PART#: 4000291-8503 SERIAL#: 2363

ACTION: RAMP TESTED A/P OPERATION AND FOUND PITCH SERVO OUTPUT TORQUE TO APPEAR WEAK. DISASSEMBLED A/C TO GAIN ACCESS TO PITCH SERVO AND REMOVED. BENCH TESTED SE816A PITCH SERVO, P/N 4000291-8503, S/N 17980, AND FOUND SERVO MOTOR BRUSHES WORN, HIGH MOTOR STARTING VOLTAGE, AND LOW SERVO TORQUE. DISASSEMBLED SERVO MOTOR, REPLACED BRUSHES, CLEANED ARMATURE ASSEMBLY, CLEANED BEARING ASSEMBLIES, AND REASSEMBLED SERVO MOTOR. TESTED SERVO MOTOR STARTING VOLTAGE AND FOUND NORMAL. CONTACTED FACTORY ASSISTANCE AND OBTAINED PITCH SERVO CLUTCH SETTINGS AND ADJUSTED IN A/C. PERFORMED VISUAL INSPECTION OF A/P COMPUTER AND FOUND CRACKED MATING CONNECTOR PLUGS. SEE TASK ITEM 8 FOR MORE DETAILS ON MATING CONNECTOR REPAIRS.

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050  
LOG ID# 1873 13-November-2006 WO# 3647 REF# 3647 HOBBS 5735.2  
N2852W S/N TH-539 BEECH 58

Pg 2 / 5

\*\*\*\* ITEM # 3647-3 CHECK VACUUM SYSTEM \*\*\*\*

DISCREPANCY: CHECK VACUUM SYSTEM

MODEL: NA PART#: NA SERIAL#: NA

ACTION: VISUALLY CHECKED VACUUM PUMPS, REGULATORS, INLINE FILTERS, AND VACUUM REGULATOR UNDER PANEL WITH NO DISCREPANCIES. OBTAINED MAINTENANCE MANUAL FOR AIRCRAFT, REMOVED PILOT SEAT, CO-PILOT SEAT, AND PILOT SIDEWALL. INSPECTED ALL VACUUM HOSE ASSEMBLIES LOCATED BELOW SEATING AND SIDEWALL LOCATIONS AND ADDED MISSING ADEL CLAMPS AS REQUIRED. INSTALLED PILOT SEAT, PERFORMED ENGINE TEST RUNS AND FOUND BOTH VACUUM PUMPS OPERATIONAL. REASSEMBLED INTERIOR, SIDEWALL, AND CO-PILOT SEATING. PERFORMED FINAL TEST RUN AND FOUND VACUUM SYSTEM OPERATION NORMAL.

\*\*\*\* ITEM # 3647-4 REPAIR STATIC SYSTEM \*\*\*\*

DISCREPANCY: REPAIR STATIC SYSTEM-STATIC LEAK EXCEEDS 700 FEET PER MINUTE.

MODEL: NA PART#: NA SERIAL#: NA

ACTION: TROUBLESHOT STATIC SYSTEM AND REPLACED DEFECTIVE STATIC HOSE FROM AIRSPEED TO ALTERNATE STATIC PORT. TIGHTED STATIC FITTINGS ON AIR SPEED INDICATOR, VERTICAL SPEED IND, ALTIMETER, ENCODER, AND ALTERNATE STATIC PORT SWITCH. RETESTED STATIC SYSTEM AND FOUND STATIC LEAK TEST IN COMPLIANCE WITH FAR 91.411 REQUIREMENTS.

\*\*\*\* ITEM # 3647-5 REPAIR TDR950 XPDR \*\*\*\*

DISCREPANCY: REPAIR XPDR-LOW XMITTER OUTPUT DURING RAMP CHECKS.

MODEL: TDR-950 PART#: 622-2092-001 SERIAL#: 17980

ACTION: REMOVED UNIT FROM A/C FOR BENCH TEST AND FOUND WEAK RECEIVER SENSITIVITY, LOW XMITTER POWER, AND XMITTER FREQUENCY OUT OF TOLERANCE LIMITS. ATTEMPTED ALIGNMENT OF XMITTER POWER AND FOUND CAVITY TUBE WOULD NOT ADJUST PROPERLY. NOTIFIED CUSTOMER OF PROBLEM, AND DECISION REACHED THAT

SUB-TOTALS this page

TOTALS—Carry forward to next page



Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050  
LOG ID# 1873 13-November-2006 WO# 3647 REF# 3647 HOBBS 5735.2  
N2852W S/N TH-539 BEECH 58

Pg 3 / 5

CUSTOMER WOULD SUPPLY SPARE TDR950 XPDR FOR POSSIBLE REPAIR AND INSTALL. SEE TASK ITEM 7 FOR MORE DETAILS ON CUSTOMER SUPPLIED XPDR.

\*\*\*\* ITEM # 3647-6 CALIBRATE ALTITUDE ENCODER \*\*\*\*

DISCREPANCY: ADJUST ALTITUDE ENCODER.

MODEL: D120-P2-T PART#: D120-P2-T SERIAL#: 39843

ACTION: MADE REQUIRED ADJUSTMENTS TO TCI D120-P2-T ENCODER AND CERTIFIED TO 20K FEET DURING RAMP CHECKS.

\*\*\*\* ITEM # 3647-7 REPAIR CUST FURN TDR950 XPDR \*\*\*\*

DISCREPANCY: REPAIR CUSTOMER FURNISHED TDR950 XPDR AND INSTALL IN A/C.

MODEL: TDR-950 PART#: 622-2092-001 SERIAL#: 15875

ACTION: BENCH TESTED XPDR AND FOUND OPERATIONAL. DISASSEMBLED UNIT AND ADJUSTED XMITTER FREQUENCY, XMITTER PULSE WIDTH, AND XMITTER PULSE SPACING. CLEANED MODE A CODE SWITCH BANK, REASSEMBLED UNIT, AND BENCH TESTED TO MPS. INSTALLED UNIT IN A/C AND RAMP TESTED IN COMPLIANCE WITH FAR 91.413.

\*\*\*\* ITEM # 3647-8 REPAIR A/P AND P/S MATING PLUGS \*\*\*\*

DISCREPANCY: REPAIR FCS810 AUTOPILOT COMPUTER AND A/P POWER SUPPLY MATING PLUGS. FOUND DURING VISUAL INSPECTION THAT MATING PLUG CONNECTORS WERE CRACKED AND MISSING LOCKING HARDWARE. REPAIR PLUGS AS REQUIRED.

MODEL: NA PART#: NA SERIAL#: NA

ACTION: FOUND DURING VISUAL INSPECTION OF A/P THAT THE CA814 COMPUTER AMP AND THE PS815 POWER SUPPLY CONNECTORS WERE CRACKED, AND MISSING LOCKING HARDWARE TO SECURE THE A/P MATING PLUGS. ATTEMPTED TO LOCATE REPLACEMENT PLUGS, BUT FOUND PLUGS WERE NOT AVAILABLE FROM THE MANUFACTURER. REPAIRED CRACKED

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050  
LOG ID# 1873 13-November-2006 WO# 3647 REF# 3647 HOBBS 5735.2  
N2852W S/N TH-539 BEECH 58

Pg 4 / 5

MATING PLUGS WITH EPOXY, AND LOCATED USED MATING PLUG LOCKING HARDWARE. CLEANED MATING PINS, RECONNECTED MATING PLUGS, RETESTED A/P OPERATION, AND FOUND NORMAL.

\*\*\*\* ITEM # 3647-9 CHECK DME-INOP, NO DISPLAY \*\*\*\*

DISCREPANCY: CHECK DME-FOUND DURING RAMP CHECKS THAT THE DME DISPLAY WAS INOP. REPAIR DME SYSTEM AS REQUIRED.

MODEL: TCR451 PART#: 622-3670-001 SERIAL#: 7916

ACTION: TROUBLESHOT PROBLEM TO FAULTY TCR451 DME R/T UNIT AND REMOVED FOR REPAIR. DISASSEMBLED R/T UNIT AND FOUND C578 CAP ON MODULATOR PC BOARD WAS SHORTED AND REPLACED. REPLACED Q301, Q303, AND Q304 POWER TRANSISTORS AND INSULATORS ON A3 P/S BRD TO INSURE PROPER OPERATION DUE TO SHORTED CAP ON REGULATED VOLTAGE SUPPLY LINE. RETESTED DME AND FOUND OPERATION NORMAL. CALABRATED DISTANCE AND VELOCITY CKTS, REASSEMBLED UNIT, AND BENCH TESTED TO MPS. RETURNED R/T TO A/C AND DME RAMP TESTED OPERATIONAL.

\*\*\*\* ITEM # 3647-10 REPAIR ATTITUDE GYRO \*\*\*\*

DISCREPANCY: REPAIR ATTITUDE GYRO-WILL NOT ERECT PROPERLY DURING ENGINE RUN-UP.

MODEL: 251CF PART#: 504-0001-902 SERIAL#: 2218

ACTION: FOUND DURING ENGINE RUN-UP RAMP CHECKS THAT THE ATTITUDE GYRO WOULD NOT ERECT PROPERLY. REMOVED 251CF ATTITUDE GYRO, S/N 2218, AND SHIPPED FOR INSTRUMENT SHOP EVALUATION. INSTRUMENT SHOP ADVISED UNIT SLOW TO ERECT, WANDERS IN PITCH MODE, A/P PITCH OUTPUT INTERMITTENT, BAD GIMBAL BEARINGS, STICKY ERECTION VANES, AND WRONG INNER GIMBAL PENDULOUS WEIGHT STEM WAS INSTALLED IN UNIT. NOTIFIED CUSTOMER OF PROBLEM AND DECISION REACHED TO HAVE UNIT OVERHAULED. INSPECTED VACUUM FILTERS AND FOUND NEW CENTRAL VACUUM FILTERS WERE RECENTLY INSTALLED AT ANNUAL. RECEIVED O/H 251CF ATT GYRO, S/N 2218, FROM INSTRUMENT SHOP AND INSTALLED IN A/C. PERFORMED ENGINE TEST RUNS AND FOUND

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050  
LOG ID# 1873 13-November-2006 WO# 3647 REF# 3647 HOBBS 5735.2  
N2852W S/N TH-539 BEECH 58

Pg 5 / 5

NORMAL ATTITUDE GYRO OPERATION.

MAINTENANCE RELEASE / RETURN TO SERVICE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

*Brady N Terry* 11-13-2006  
WINR1050 / BRADY N TERRY Date



I CERTIFY THAT THE ALTIMETER SYSTEM AND ALTITUDE REPORT-  
ING SYSTEM TEST AND INSPECTION REQUIRED BY FAR 91.411 HAS  
BEEN PERFORMED I/AW PART 43, APPENDIX E. THE ALTIMETER WAS  
TESTED TO 20K FEET BY



WINGS AVIONICS INC.  
421 ERNEST LANCASTER DRIVE  
FAYETTEVILLE AR 72701

CRS W1NR1050

W/O 3647SIGNED Bryant Lenz DATE 8-2-06

SCALE CORRECTIONS		ALT SERIAL # <u>95665</u>	
ALTIMETER		ALTIMETER	
READS	UP	READS	UP
-1000	-985	12000	11980
0	-15	14000	13970
500	500	16000	16020
1000	1000	18000	18100
1500	1480	20000	20100
2000	1990	22000	
3000	2980	25000	
4000	3980	30000	
6000	6000	35000	
8000	8000	40000	
10000	9990	45000	
		50000	

I CERTIFY THAT THE TRANSPONDER INSPECTION REQUIRED BY  
FAR 91.413 APPENDIX F OF FAR 43 HAS BEEN PERFORMED ON  
TYPE TOR 950 S/N 15875

CRS W1NR1050

W/O 3647SIGNED Bryant LenzDATE 8-10-06

WINGS AVIONICS, INC. CRS W1NR1050

W.O. 3647 Date 8-2-06N 2852W Signed Bryant Lenz

## JUST PLANE MAINTENANCE

DATE : 08/10/07 REG. # N2852W MAKE : BEECH 58 S/N # TH-349 TACH. N/A HOBBS 5745.2 T.T. 5745.2

PERFORM WALK-AROUND INSPECTION, CHECK ALL LIGHTING AND ELECTRICAL, ALL OPS  
CHECKS GOOD. REMOVE ALL PANELS AND INTERIOR FOR INSPECTION, INSPECT AIR FRAME,  
NO PROBLEMS FOUND. CHECK ALL FLIGHT CONTROLS FOR PROPER OPERATION, NO DEFECTS  
NOTED. INSPECT AND TEST ELT, OPS CHECK GOOD PER FAR. 91.207d ELT BATTERY DUE DATE  
IS MARCH 2011. CLEAN AND REPACK ALL WHEEL BEARINGS. CHECK AIRCRAFT BATTERY  
AND LOAD TEST, OPS CHECK GOOD. LUBE ALL HINGES, ROD ENDS, BELL CRANKS, AND  
PULLEYS. CHECK ALL ENGINE CONTROLS FOR PROPER OPERATION, NO DEFECTS NOTED.  
JACK AIRCRAFT AND PERFORM GEAR RETRACTION TEST AND EMERGENCY DOWN OPERATION,  
OPS CHECK GOOD NO DEFECTS NOTED.

CHECK ALL AD'S FOR COMPLIANCE. SEE LIST FROM TDATA - IApproach PRO.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL  
INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX D AND WAS DETERMINED TO  
BE IN AIRWORTHY CONDITION.

JIM EDWARDS

A&amp;P 2771253 IA

SUB-TOTALS this page

TOTALS—Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

TOMLINSON AVIONICS, INC. 619C HANGAR ROW PINE BLUFF, AR 71601 YN1R644K  
 LOG ID# 8 26-June-2007  
 N2852W S/N TH-349 BEECH 58

Pg 1 / 1

Removed Garmin GNS530 Nav/Com/GPS and GA56 antenna.

Installed Garmin GNS530w Nav/Com/GPS with Mid-Continent MD41-1488w annunciator  
 as per STC#SA1933LA and  
 GA35 GPS antenna as per STC#SA016955E-A

Weight and balance unchanged

Signed

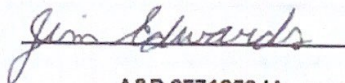
Date

### JUST PLANE MAINTENANCE

DATE :	REG. #	MAKE :	S/N #	TACH.	HOBBS	T.T.
08/21/08	N2852W	BEECH 58	TH-349	N/A	5756.4	5756.4

PERFORM WALK-AROUND INSPECTION, CHECK ALL LIGHTING AND ELECTRICAL, ALL OPS CHECKS GOOD. REMOVE ALL PANELS AND INTERIOR FOR INSPECTION, INSPECT AIR FRAME, NO PROBLEMS FOUND. CHECK ALL FLIGHT CONTROLS FOR PROPER OPERATION, NO DEFECTS NOTED. INSPECT AND TEST ELT, OPS CHECK GOOD PER FAR. 91.207d ELT BATTERY DUE DATE IS MARCH 2011. CLEAN AND REPACK ALL WHEEL BEARINGS. CHECK AIRCRAFT BATTERY AND LOAD TEST, OPS CHECK GOOD. LUBE ALL HINGES, ROD ENDS, BELL CRANKS, AND PULLEYS. CHECK ALL ENGINE CONTROLS FOR PROPER OPERATION, NO DEFECTS NOTED. JACK AIRCRAFT AND PERFORM GEAR RETRACTION TEST AND EMERGENCY DOWN OPERATION, OPS CHECK GOOD NO DEFECTS NOTED. CHECK ALL AD'S FOR COMPLIANCE. SEE LIST FROM A.D. TOOLBOX & FAA. GOV. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

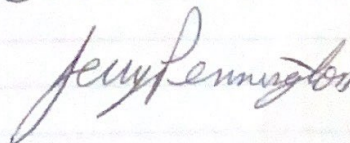
JIM EDWARDS



A&amp;P 2771253 IA

*Log Book Entry N2852W 10-2-08*

*Upgraded software for 3.0 main and 3.00 GPS  
 to 3.11 main & 3.10 GPS per SB0818 Rev A*



Tomlinson Avionics, Inc.  
 PH. 534-0588 619-C Hanger Row  
 Pine Bluff, Arkansas 71601  
 FAA Approved  
 Repair Station No. YN1R644K



MAINTENANCE RECORD			
Date: February 20, 2009	Page 1 of 1 Pages	Reg. No: N2852W	
Aircraft: Beech 58	Serial #: TH-349	Hobbs: 5761.5	

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-09-18381

[001] Re-keyed nose baggage door lock and aft cabin door lock to match main cabin door lock.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed  
Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202

JAMES ILER  
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
FAX (501) 374-2150

MAINTENANCE RECORD			
Date: 3-09-2009	Page 1 of 1 Pages	Reg. No: N2852W	
Aircraft: Beech 58	Serial #: TH-349	Hobbs: 5763.1	

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-09-18508

[001] Adjusted left engine fuel idle and mixture  
[002] Adjusted right engine fuel idle and mixture.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed  
Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202

MITCHELL EASLEY  
Phone: (501) 375-3245, (800) 888-5387

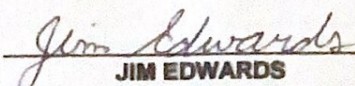
CRS No. HBKR587E  
FAX (501) 374-2150

### JUST PLANE MAINTENANCE

DATE :	REG. #	MAKE :	S/N #	TACH.	HOBBS	T.T.
8-21-09	N2852W	BEECH 58	TH-349	N/A	5771.8	5771.8

PERFORM WALK-AROUND INSPECTION, CHECK ALL LIGHTING AND ELECTRICAL FOUND TAXI LIGHT WIRE BROKEN. REPAIR WIRE AND RECHECK. ALL OPS CHECKS GOOD. REMOVE ALL PANELS AND INTERIOR FOR INSPECTION, INSPECT AIR FRAME, NO PROBLEMS FOUND. CHECK ALL FLIGHT CONTROLS FOR PROPER OPERATION, NO DEFECTS NOTED. INSPECT AND TEST ELT, OPS CHECK GOOD PER FAR. 91.207d ELT BATTERY DUE DATE IS MARCH 2011. PERFORM HEATER PRESSURE DECAY TEST, NO DEFECTS NOTED. CLEAN AND REPACK ALL WHEEL BEARINGS. CHECK AIRCRAFT BATTERY AND LOAD TEST, OPS CHECK GOOD. LUBE ALL HINGES, ROD ENDS, BELL CRANKS, AND PULLEYS. CHECK ALL ENGINE CONTROLS FOR PROPER OPERATION, NO DEFECTS NOTED. JACK AIRCRAFT AND PERFORM GEAR RETRACTION TEST AND EMERGENCY DOWN OPERATION, OPS CHECK GOOD NO DEFECTS NOTED. REPAIR PASSENGER FRONT ENTRY DOOR HANDLE, BY INSTALLING A HELI-COIL IN HANDLE. CHECK ALL AD'S FOR COMPLIANCE. SEE LIST FROM A.D. TOOL BOX IN LOG BOOKS.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

  
JIM EDWARDS  
A&P 2771253 IA

SUB-TOTALS this page

TOTALS—Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

## MAINTENANCE RECORD

Date: August 30, 2010	Page 1 of 1 Pages	Reg. No: N2852W
Aircraft: Beech 58	Serial #: TH-349	Hobbs: 5783.3

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-09-19545:

- [001] **AD 2008-13-17** (effective 8/6/08) *Circuit Breaker Toggle Switches* paragraph (e) (1) i/a/w HBC SB 24-3735. Installed new circuit breaker switches as follows: (1) p/n 35-380132-61, (1) p/n 35-380132-63, (1) p/n 35-380132-105, (2) p/n 35-380132-101, and (3) p/n 35-380132-103. Op check good.
- [002] Installed new taxi light bulb p/n 4596. op check good.
- [003] Installed new right fuel heated vent p/n 60-381002. Op check good.

I certify that the above listed items have been completed, and with regard to the above items, that this **AIRCRAFT** has been approved for return to service.

Signed  
Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202


  
John White  
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
FAX (501) 374-2150

9.22, 2010 HOBBS 5784.0 TTAF 5784.0

OPEN WINGS AND FUSELAGE FOR INSPECTION, CHECKED ALL SPARS, RIBS, CABLES AND PULLYS. INSPECTED ALL FLIGHT CONTROLS. INSPECTED AND SERVICED ALL LANDING GEAR AND COMPONENTS, PLACED AIRCRAFT ON JACKS AND PERFORMED EMERGENCY AND NORMAL GEAR EXTENSION, INSPECTED SEATS AND HARNESS, DOORS AND EXITS. SERVICED HYDROLIC RESIVOR. SERVICED BATTERY, REPLACED ELT BATTERY. REPAIRED ENTRANCE DOOR SEAL. CLEANED ALL FUEL SCREENS. AD,S CHECKED THRU 2010-19BW AND COMPLIED WITH AS NEEDED. CHECKED ALL LIGHTS INTERIOR AND EXTERIOR.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND FOUND AIRWORTHY THIS DATE,

  
TERRY STEWART  
A&P32081261A

**SUB-TOTALS** this page

**TOTALS**—Carry forward to next page



870-534-0388

TOMLINSON AVIONICS INC.

CERTIFIED REPAIR  
STATION619 C HANGAR ROW  
PINE BLUFF, AR 71601

#YN1R644K

ORK

I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM AND STATIC SYSTEM TEST  
REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED THIS DATE. THE ALTIMETERS/N 95665 WAS TESTED TO 20K FT. ON 9-23-09.SIGNATURE Jerry Pennington DATE 9-23-09I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN  
PERFORMED THIS DATE AND FOUND TO COMPLY. TRANSPONDER TD8950S/N N/A DATE 9-23-09

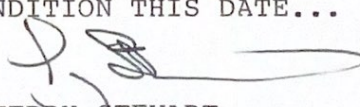
MAKE &amp; MODEL

SIGNATURE Jerry Pennington

SUB-TOTALS this page

TOTALS—Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page
SEPT. 14, 2012	HOBBS 5787.0	TOTAL TIME AIRFRAME 5787.0		<p>WASHED AIRCRAFT: OPEN WINGS AND FUSELAGE FOR VISUAL INSPECTION, REMOVED SEATS AND INTERIOR AS NEEDED. CHECKED ALL SPARS, RIBS AND CONTROL LINKAGES. CHECKED ALL FLIGHT CONTROLS FOR SECURITY AND TRAVEL. REPLACED AN BOLTS IN ELEVATOR TRIM TAB ROD. PLACED AIRCRAFT ON JACKS AND PERFORMED EMERGENCY AND NORMAL GEAR EXTENSION. SERVICED ALL LANDING GEAR AND COMPONENTS. REPLACED "O" RINGS IN SHIMMY DAMPNER AND SERVICED WITH FLUID. REPLACED ELT BATTERY AND FUNCTION TEST SYSTEM. REPLACED SEATS, INSPECTED ALL BELTS AND LOCKS. REPLACED VACUME FILTERS. CHECKED ALL LIGHTS, INTERIOR AND EXTERIOR. CLEANED FUEL SCREENS. SERVICED BATTERYS. INSPECTED EMERGENCY EXITS FOR PROPER OPERATION. C/W AD# 91-15-20 DATED 09/03/91 "ENGINE MOUNT" BY VISUAL INSPECTION, ALL GOOD THIS DATE PER S.B.2362 REV.1. due agian 100 HOURS. C/W AD# 11-27-04 DATED 12/29/11 "AFM, MIN. CONTROL, AIRSPEED MARKINGS" PER AD TEXT AND ARE NOT AFFECTED BY ANY OTHER MODIFICATION.</p> <p>NO FURTHER ACTION REQUIRED AT THIS TIME. COMPLIED WITH C/W AD# 75-16-10 DATED 08/06/75 "ELEVATOR TRIM TAB" BY CHECKING RIVET TYPE PER PART VI. RIVETS ARE CORRECT. NO FURTHER ACTION REQUIRED THISDATE.</p> <p>AD,S THRU 2012-17 BI-WEEKLY AND A REVISED LIST WAS ADDED TO THE REAR OF THIS LOG.</p> <p>THIS INSPECTION COMPLETED PER BEECH MAINTANCE MANUAL ANNUAL/100 HOUR CHECKLIST.</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION THIS DATE...</p> <p style="text-align: right;">   TERRY STEWART  A&amp;P32081261A </p>
				<b>SUB-TOTALS</b> this page
				<b>TOTALS</b> —Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	---------------------------	------------------------------	---

NAME <u>George J. Davis</u>				DATE <u>9-17-12</u>				CHECKED BY <u>[Signature]</u>			
MAKE <u>United</u>		MODEL <u>20K</u>		PART NO. <u>5734-A61</u>		SERIAL NO. <u>95665</u>					
ALTITUDE PRESSURE & FRICTION TEST								BAROMETRIC SCALE ERROR			
ALT FEET	ALT/ENC READS	FRCN TEST	ALT FEET	ALT/ENC READS	FRCN TEST	PRESSURE (IN. OF HG)	ALTITUDE DIFFERENCE FT.	ALTIMETER READS			
-1000	-1010	-1.0	XXXX	12000	12010	12.0	12020	28.10	-1727	-1730	
0	0	0	XXXX	14000	14040	14.0	XXXX	28.50	-1340	-1350	
500	490	1.5	XXXX	15000	15050	15.0	15040	29.00	-863	-870	
1000	1000	1.0	990	16000	16050	16.0	XXXX	29.50	-392	-400	
1500	1500	1.5	XXXX	18000	18060	18.0	XXXX	29.92	0		
2000	2010	2.0	1995	20000	20060	20.0	20050	30.50	+531	520	
3000	2990	3.0	2980	22000			XXXX	30.90	+893	890	
4000	4000	4.0	XXXX	25000				30.99	+974	980	
5000	5000	5.0	4990	30000				TOLERANCES			
6000	6000	6.0	XXXX	35000				CASE LEAK TEST	-0-		
8000	8020	8.0	XXXX	40000				AFTER EFFECT TEST	-0-		
10000	10030	10.0	10000	45000			XXXX	HYSTERSIS TEST NO. 1 (50%)	+10		
				50000				HYSTERSIS TEST NO. 2 (40%)	+15		
								ENCODER PART NO.	D130P27		
								ENCODER SERIAL NO.	39543		
								WORK ORDER NO.	25614		



1413 East Main Street, Clarksville Ar 72830 . 479-243-6604 . www.pvaviation.com

Date: 12/14/2018

Model: 58

Serial Number: TH-349

Registration #: N2852W

Tach: 5789.4

I certify this Aircraft is safe for a one time flight from KMPJ to H35 in accordance with special flight permit dated 12/13/2018.

Signed \_\_\_\_\_

Vernon Hampton A&P431417955IA

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION SPECIAL AIRWORTHINESS CERTIFICATE			
CATEGORY/DESIGNATION Special Flight Permit			
PURPOSE Flying to base for repair			
MANUFACTURER	NAME	NA	
	ADDRESS	NA	
FLIGHT	FROM	Morrilton Petit Jean, AR (KMPJ)	
	TO	Clarksville, AR (H35)	
N 2852W	MODEL	58	SERIAL NO. TH-349
BUILDER Beech		DATE OF ISSUANCE 13 Dec 2018	
Unless sooner surrendered, suspended, revoked, or the termination date of <b>20 Dec 2018</b> , this airworthiness certificate is effective under the conditions prescribed in 14 CFR, Part 21, Section 21.181 or 21.217.			
SIGNATURE OF FAA REPRESENTATIVE <u>B. J. Aldrich</u>		DESIGNATION OR OFFICE NO. AFG-LIT-FSDO-11	
This airworthiness certificate is issued under the authority of Title 49 United States Code 44704 and Title 14 Code of Federal Regulations. Any alteration, misuse or reproduction for a fraudulent purpose of this certificate may be punishable by certificate revocation, fine, and / or imprisonment. THIS PORTION OF THE CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT PER THE APPLICABLE REGULATIONS.			



DATE \_\_\_\_\_

# PARADISE VALLEY AVIATION

1413 East Main Street, Clarksville Ar 72830 . 479-243-6604 . www.pvaviation.com

Date: 05/03/19  
Registration #: N2852W

Model: 58  
Hobbs: 5789.7

Serial Number: TH-349  
TT: 8476.7

Performed Annual Inspection in accordance with FAR 43, appendix "D". Removed left engine model IO-550-C, S/N 271955-R and right engine S/N 271956-R. Installed factory remanufactured engine model IO-550-C52, S/N 1037209 in left position and factory remanufactured engine S/N 1037210 in right position. Serviced both engines with Aeroshell 100 straight mineral oil. Installed new left and right engine intake ducts P/N 96-919111. Installed new left and right engine pleated paper induction filters P/N 08-00019. Installed new left and right engine rear cooling blast ducts P/N BE-348-1. Installed new left and right engine fuel control cooling ducts P/N 115167CXZ2060845. Left and Right engine fluid carrying hoses were sent out for duplication by Precision Host Technology W/O 607165. Installed new engine isolator mounts P/N J10778-16 for both engines. Left propeller model HC-C4YF-2E, S/N GL118 was overhauled by First Flight Propeller under WO 2608 and reinstalled in left position. Right propeller model HC-C4YF-2E, S/N GL119 was overhauled by First Flight Propeller under WO 2609 and reinstalled in right position. Right elevator was repaired by installation of new aluminum skin kit in accordance with STC SA02172CH (see 337form this date for details). Adjusted elevator trim travels. Rigged aileron system and aileron trim system. Installed new bushing P/N 35-815124 in right main gear at drag brace attach point. Installed new nose gear down spring P/N 35-825188. Installed new rod ends P/N HMXL-6G, HMXL-5G, AND HLM-6M in nose gear actuator system. Installed new bushing P/N NAS72-5-011 in nose gear drag brace pivot point. Performed complete rigging of landing gear system and performed check out of normal, emergency, warning, and safety systems. Installed new O-ring seals in left and right brake calipers. Removed pilots left master cylinder, installed new O-ring seals, reinstalled master cylinder and serviced brake system. Repaired left lower cowl at aft edge by installation of a repair doubler fabricated from .040" 2024-T3 aluminum sheet using procedures outlined in AC43.13-1B. Repaired cracks in stainless steel panel above left exhaust by installation doublers fabricated from .025" stainless steel sheet and installed using procedures outlined in AC43.13-1B. Replaced skins on aileron trim tab (see 337form this date for details). ELT tested good in accordance with FAR 91.207. Replaced ELT batteries, battery expiration date is Nov 2023. ELT tested good in accordance with FAR 91.207. Installed new vacuum system filters P/N RA254-7 in both nacelles. Installed new vacuum regulator filters P/N ARB3-5-1. Installed new O-ring seals in all three landing gear. Installed new wiper seals P/N 504271 in both main gears and new wiper seal P/N 504270 in nose gear. Nose gear housing was stripped to bare metal, epoxy primed and painted white. Replaced nose tire with new Condor 5.00-5, 6 ply tire. Replaced left main tire with new Condor 6.50-8, 8 ply tire. Replaced heater fuel pump gaskets with 2 each new gaskets P/N ECM 479136. Installed new FAA PMA lord shimmy dampener P/N SE-1076-1. Removed surface corrosion from rear floor board and floor board support structure and epoxy primed. Removed cracked support channel from left upper firewall and replaced channel with locally fabricated channel, repaired small crack on left firewall outbd side by installation of external doubler (see 337form this date for details). Installed overhauled exchange directional gyro P/N IU262-005-20/4000D-1, S/N 92247F, overhauled by Mid Continent Instruments under W/O 000355221. Complied with AD91-15-20 by inspection, no defects noted due each 100 hours. Complied with AD 2013-16-01 by inspection of left elevator balance weight and replacement of right balance weight, recurring inspection terminated for right side, left side due each 100 hours till required replacement. Complied with AD 84-26-02 by replacement of both engine paper induction filters, due each 500 hours. See AD compliance sheet this date for AD status.

All ground operational and leak checks good.

I certify this aircraft has been inspected in accordance with an Annual Inspection and was found to be in airworthy condition.

Signed \_\_\_\_\_

Vernon Hampton A&P4314179551A

SUB-TOTALS this page

TOTALS—Carry forward to next page



Page No. \_\_\_\_\_

870-

*Log Book Entry N 2852W 5-10-19 TT 5790.4*  
*Updated HNS530W from 3.2230 to 5.4025.0 PM*  
*Mainin SB 1762 Rev A. Pump tested good*

REPAIR  
N

4K

TEST  
ETERI CERTI  
REQUIRS/N 99

SIGNAT

I CERTI

PERFO

S/N 1

SIGNATURE

**Tomlinson Avionics, Inc.**  
**PH. 870-534-0568 619-C Hangar Row**  
**Pine Bluff, Arkansas 71601**  
**FAA Approved**  
**Repair Station No. YN1R644K**

BEEN

ODEL

## MAINTENANCE RECORD

Date: June 12, 2019	Page 1 of 1 Pages	Reg. No: N2852W
Aircraft: Beech 58	Serial #: TH-349	Hobbs: 5,794.0

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

Work Order 041910011

- [001] Defueled and weighed aircraft i/a/w Section VI of the Pilot's Operating Handbook and FAA Approved Airplane Flight Manual, p/n 58-590000-31B.
- [002] Replaced defective left and right wing quick drains with new parts, p/n CCA-3400, and CCA-4850.
- [003] Installed The Spring Thing on the nose baggage door, p/n 122C. IAW The Spring Thing installation instructions.

I certify that the above listed items have been completed, and with regard to the above items, this aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.  
 1501 Bond Street, Little Rock, AR 72202

Thomas Papka  
 Phone: (501) 375-3245, (800) 888-5387

CRS No. HBR587E  
 FAX (501) 374-2150

**TOMLINSON AVIONICS, INC. 619C HANGAR ROW PINE BLUFF, AR 71601 YN1R644K**  
**LOG ID# 1022 13-June-2019**  
**N2852W S/N TH-349 BEECH 58**

REMOVED A IND150 RADAR INDICATOR.  
 THE REST OF THE RADAR SYSTEM WAS REMOVED BY PERSON OR  
 PERSONS UNKNOWN.

ALL WORK DONE PER MANUFACTURER INSTALL MANUALS, AC43.13-1B,  
 AND AC43.13-2B.

EQUIPMENT LIST AND WEIGHT & BALANCE WAS REVISED.

Signed

Date

SUB-TOTALS this page

TOTALS—Carry forward to next page



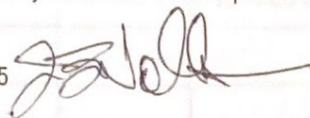
**South Delta Aviation 4248 S School Ave. Fayetteville, AR 72701 479-935-4891**

**06/19/2019 N2852W Beech 58 SN: TH-349 Hourmeter: 5796.0**

ORK

Removed single control arm assembly 58-524037-7 and replaced with serviceable dual control arm assembly 58-524038-3, utilizing original left control yoke.

J. Brandon Nolker A/P/IA 2748285



**MAINTENANCE RECORD**

Date: June 27, 2019	Page 1 of 1 Pages	Reg. No: N2852W
Aircraft: Beech 58	Serial #: TH-349	Hobbs: 5,794.0

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

Work Order 041910011

- [004] Adjusted the left and right gear warning horn switches, in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual.
- [005] Replaced defective left fuel flow transducer with a new part, p/n 680501-1 s/n 111845, removed s/n 089527.
- [006] Swapped alternators, placement as follows, #1 p/n ALT-9522 s/n H-S112092, and #2 p/n ALT-9522 s/n H-S112096, performed ground run and function check as required.

I certify that the above listed items have been completed, and with regard to the above items, this **aircraft** has been approved for return to service.

Signed

Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202

Thomas Papka  
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
FAX (501) 374-2150

**MAINTENANCE RECORD**

Date: July 12, 2019	Page 1 of 1 Pages	Reg. No: N2852W
Aircraft: Beech 58	Serial #: TH-349	Hobbs: 5,798.8

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

Work Order 041910090

- [001] Removed dual yolk, p/n 58-524038-3, and installed single throw over yolk, p/n 58-524037-7, IAW Baron MM 27-10-00-201.

I certify that the above listed items have been completed, and with regard to the above items, this **aircraft** has been approved for return to service.

Signed

Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202

Thomas Papka  
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
FAX (501) 374-2150

**MAINTENANCE RECORD**

Date: July 25, 2019	Page 1 of 1 Pages	Reg. No: N2852W
Aircraft: Beech 58	Serial #: TH-349	Hobbs: 5,798.8

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

Work Order 041910133

- [001] Performed landing gear operational and rigging test, IAW Baron 58 MM.

I certify that the above listed items have been completed, and with regard to the above items, this **aircraft** has been approved for return to service.

Signed

Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202

Thomas Papka  
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
FAX (501) 374-2150

**SUB-TOTALS** this page

**TOTALS**—Carry forward to next page




*Airframe logbook entry*

Page No. \_\_\_\_\_

TOMLINSON AVIONICS, INC. 619C HANGAR ROW PINE BLUFF, AR 71601 YN1R644K  
LOG ID# 1036 16-August-2019 WO# 28757  
N2852W S/N TH-349 BEECH 58 TACH 5799.1

DATE

IED—  
FORMING WORK

REMOVED A COLLINS TDR950 XPDR AND A KING KA60 XPDR ANT.

INSTALLED A GARMIN GTX345 ADS-B XPDR PER STC# SA01714WI  
AND STC INSTALL MANUAL P/N 190-00734-10 Rev 12, DATED  
MARCH 2019. ALSO INSTALLED A COMANT CI105 XPDR ANT IN SAME  
LOCATION AS KA60 WAS REMOVED AS A MINOR ALTERATION

ALL WORK DONE PER MANUFACTURER INSTALL MANUALS, AC43.13-1B,  
AND AC43.13-2B. FLIGHT TEST PER FAR 91.407.

EQUIPMENT LIST AND WEIGHT & BALANCE WAS REVISED.

I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY  
FAR 91.413 HAS BEEN PERFORMED THIS DATE AND FOUND  
TO COMPLY. TRANSPONDER Codman GTX345  
MAKE MODEL

S/N 3EG028489

Dickie & Kline 8-16-19  
Signed Date

*Log Book Entry N2852W 4-17-2020*  
*Removed PS815A S/N 1512, FC-813A S/N 1114 and*  
*CA814A S/N 3150 and had repaired & installed said*  
*pieces and A/P System tested good per IBA/2810A-1*  
*'Rev 5 19'11. Test flew A/c and test flight tested*  
*good*

Tomlinson Avionics, Inc.  
Ph. 870-534-0588 619-C Hanger Row  
Pine Bluff, Arkansas 71601  
FAA Approved  
Repair Station No. YN1R644K

N2852W

5831.0

acceptable data as

applicable

Removed nose wheel and tire assembly and replaced with new wheel assembly PN: 40-87A, new nose tire, PN: 505C66-5 SN:  
91992043 with new tube PN: 302-013-400. No air leaks noted at this time.

Daniel Castleberry

A&P 3563302 IA



06-05-2020 HOBBS 5831.2 TTAF 8518.2

DATE

TOTAL  
TIME  
IN  
SERVICE

WORK

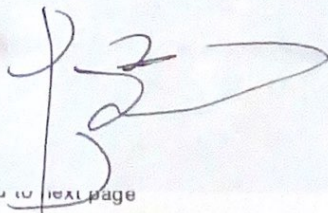
Open wings and fuselage, remove cabin seats and upholstery as needed to facilitate a visual inspection of the fuselage structure, wing attach points, landing gear retract/extension components, flight control linkages and mechanisms, flap drive systems and fuel transfer lines, hoses and control valve. Fuselage structure, including empennage found free of cracks, corrosion or deformities, Inspection of wing to fuselage attach points including attach bolts and torques check good, both forward and aft wing spar fuselage carry throughs check good, no cracks or defects, AD# 90-08-14 "WING SPAR STRUCTURE" dated 05/07/90 found to have been previously complied with on 08-13-07, HOBBS 5745.2 and next compliance is due at HOBBS 6245.2. Placed Aircraft on jacks, Perform normal and emergency extension of landing gear system, Check landing gear transmission lubricant level and dynamic brake system, check rod linkages and bearing ends, lubed per M.M. Inspect uplock system components and lubed per M.M. Inspect and service landing gear struts, torque links and down and uplock tensions, inspect and lube trunions and gear door hinges and linkages. Service and inspect all tires, wheels, bearings and brakes. Landing gear functions normally. Inspect flight control cables and pulleys for condition and proper tension. Check condition and operation of pulleys. Inspect chains, sprockets, swivel joints and control wheel for freedom of travel, correct travel range and clearance and interference. Inspect components and operation of flap system.

check fuel tank bladders, vents tubes, lines and hoses, caps and drains. Check selector valve operation and placards. Inspect all internal and external wing components including but not limited to spars, ribs, braces, skins and rivets. Inspect winglets for condition and security of attachment. Inspect ailerons for condition, security of attachment and condition of hinges and bearings and proper range of travel. Inspect stabilizers and fin. Inspect elevators for condition, hinges and linkages. Complied with AD# 13-16-01 "ELEVATOR BALANCE WEIGHTS" dated 09/24/13 by visual inspection of left counterweight per AD text, para. (h) and MSB 55-4089 REV 1, found weight secure, next compliance due at HOBBS 5931.2. Inspect rudder and hinges for condition and proper range of travel. Inspect flight control trim systems. Check ships internal and external lighting. Inspect cabin heater, lines and hoses and test operation. Inspect propeller deicing system. Check ships batteries electrolyte levels and terminal cables. Clean all fuel screen. Check ELT battery expiration date, (nov 2023) and function test system operation and output per FAR 91.207d. Replace interior components, check seats, tracks, latches and belts. Inspect instrument panel circuit breakers and placards, instruments and markings, radio and navigation equipment operation and compass card. Inspect doors, latches and emergency exits. Check windows and seals. Complied with AD# 95-15-20 "ENGINE MOUNTS" dated 09/03/91 by visual inspection of mount tubing and welds per AD text and S.B. 2302R1, no defects noted this date, next compliance due at HOBBS 5931.2. Complied with AD# 76-07-12 "BENDIX SWITCHES" dated 08/30/77 by function test of switches per AD test and S.B. 583, no defects detected, next compliance due at HOBBS 5931.2. Found AD# 84-26-02 "PAPER INDUCTION AIR FILTERS" dated 01/25/85 to

have been previously complied with on 05-23-19 HOBBS 5789.7, next compliance due at HOBBS 6289.7. check stall warning system. This inspection completed per Beech 58 annual/100 hour checklist, in rear of this log, and previously approved FAA form 337,s Instructions for continued airworthiness instructions. Airworthiness Directives checked and complied with as required through 2020-12 and daily online check and a new revised list was added to the Aircraft historical records.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN  
ACCORDANCE WITH A ANNUAL INSPECTION AND WAS  
FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE...

Terry Stewart  
A&P3208126iA



Carry forward to next page



# MAINTENANCE RECORD

Date:	January 19, 2021	Page 1 of 1 Pages	Reg. No:	N2852W	
Aircraft:	Beech 58	Serial #:	TH-349	Hobbs:	5855.5

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

## Work Order 042111235

[001] Removed single throw over yolk, p/n 58-524037-7, and installed dual yolk, p/n 58-524038-3, IAW Baron MM 27-10-00-201.

I certify that the above listed items have been completed, and with regard to the above items, this aircraft has been approved for return to service.

Signed  
Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202

Thomas Papka  
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
FAX (501) 374-2150

# MAINTENANCE RECORD

MAINTENANCE RECORD				
Date:	January 19, 2021	Page 1 of 1 Pages		
Aircraft:	Beech 58	Serial #:	TH-349	Reg. No: N2852W
				Hobbs: 5855.5

The below listed items were accomplished in accordance with the U.S. Federal Aviation Regulations (FAR) 43.11, approved or acceptable to the FAA.

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

## Work Order 042111235

[002] Installed proper environmental splices on the left engine alternator, field and noise suppressor as required, IAW Baron MM 20.

I certify that the above listed items have been completed, and with regard to the above items, this aircraft has been approved for return to service.

Signed  
Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202

Thomas Papka  
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
FAX (501) 374-2150

08-02-2021 HOBBS 5874.0 TTAF 8561.0 N2852W

"Wash Aircraft" open wings and fuselage for inspection, removed cabin seats and upholstery as needed for access to fuselage structure, flight control linkages and mechanisms, landing gear retract/extension mechanisms and fuel transfer lines, hoses and selector valves. Perform visual inspection of interior and exterior of wings to include spars, ribs, aileron bellcranks and stops, torque tubes and bearings, aileron hinges, flap tracks, skins and rivets. Inspect and lubricate landing gear trunnions and torque arms, Place aircraft on jacks Inspect and service all tires, replace right tire and tube with new, wheels, bearings and braking components. replace one each nose wheel bearing P/N 08125 and race P/N 08231. Perform normal and emergency extensions, Check dynamic braking of gear motor. Cycle flaps, operations check normal. Inspect wing attach points and fuselage structure for front and rear spars carry through. Check all cables, pulleys, turnbuckles and chain for condition and proper operation. Inspect fuselage empennage structure, inspect stabilizer and fin. Inspect elevators, rudder and ailerons for condition, security of attachment and proper range of travel. Check stall warning system operation. Check ELT battery's expiration date and function test system operation per 91.207d. Check and service aircraft batteries electrolyte levels, clean terminal ends. Inspect fuel transfer lines and hoses, replace left outboard leading edge fuel tank P/N 58-380004-3 with new from Floats and Fuel cells CRS#TH4R544M. service tank with fuel, no leaks found. Check all interior and exterior lights. Clean fuel screens. Replace cabin interior, check seat frames and belts. --NEXT PAGE--

SUB-TOTALS this page

TOTALS—Carry forward to next page



**TOTALS**—Carry forward to next page



*Airframe Logbook entry*

TOMLINSON AVIONICS, INC. 619C HANGAR ROW PINE BLUFF, AR 71601 YN1R644K  
 LOG ID# 1131 30-July-2021 WO# 29256 HOBBS 5874.1  
 N2852W S/N TH-349 BEECH 58

ING WORK

REMOVED THE FOLLOWING EQUIPMENT: A BENDIX FCS810 AUTOPILOT SYSTEM,  
 AND A CI121.

INSTALLED AN ASPEN EFD1000 PRO MAX PFD SYSTEM PER STC# SA10822SC AND  
 INSTALLATION MANUAL P/N 900-00003-001 Rev CK, DATED DEC 2020.  
 A S-TEC 3100 AUTOPILOT SYSTEM PER STC# SA09755DS AND INSTALLATION  
 INSTRUCTIONS ST-964-II-0001.  
 INSTALLED A TA102 USB CHARGER AND A CI122 COM ANT AS MINOR ALTEATIONS.

INSTALLED THE ADVANCED ARINC AUTOPILOT IN THE ASPEN EFD1000 PRO MAX  
 PFD FOR THE S-TEC3100 AUTOPILOT PER ASPEN TECH NOTE 2021-02.  
 ALSO INSTALLED SYNTHETIC VISION IN THE ASPEN EFD1000 PRO MAX PFD PER  
 ASPEN TECH NOTE 2011-10.

ALL WORK DONE PER MANUFACTURER INSTALL MANUALS, AC43.13-1B,  
 AND AC43.13-2B.

EQUIPMENT LIST & WEIGHT AND BALANCE WERE REVISED.

*Quincy + Mike* 7-30-21  
 Signed Date

## MAINTENANCE RECORD

Date:	October 29, 2021	Page 1 of 1 Pages	Reg. No:	N2852W
Aircraft:	Beech 58	Serial #: TH-349	Hobbs:	5887.6

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

Work Order 042111778

[001] Installed serviceable as removed customer supplied 3 in 1 gauge, p/n 96-384058 s/n 14279, IAW Baron MM 31-10-00.

I certify that the above listed items have been completed, and with regard to the above items, this aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.  
 1501 Bond Street, Little Rock, AR 72202

Thomas Papka  
 Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
 FAX (501) 374-2150

## MAINTENANCE RECORD

Date:	November 11, 2021	Page 1 of 1 Pages	Reg. No:	N2852W
Aircraft:	Beech 58	Serial #: TH-349	Hobbs:	5887.6

The below listed items were accomplished in accordance with the Hawker Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable.

Work Order 042111778

[002] Installed new left engine CHT bulb, p/n 102-00007 s/n 30089223, IAW Baron MM 31-10-00.

I certify that the above listed items have been completed, and with regard to the above items, this aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.  
 1501 Bond Street, Little Rock, AR 72202

Thomas Papka  
 Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
 FAX (501) 374-2150

TOMLINSON AVIONICS, INC. 619C HANGAR ROW PINE BLUFF, AR 71601 YN1R644K  
 LOG ID# 90 21-December-2021  
 N2852W S/N TH-349 BARON 58 TACH 5888.3

CHANGED SOFTWARE IN GENESYS 3100 AUTO  
 PILOT FROM 1.4 TO 1.3. PER SIL  
 19-013 REV D. DECONFIGURED ADVANCED  
 UNLOCK BETWEEN AUTOPILOT AND ASPEN  
 PRO MAX 1000.

*[Signature]* 12/21/21  
 Signed Date



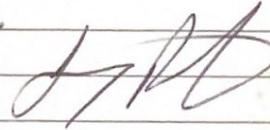
DATE

MAY 11, 2022 TACH 5898.3

Type here - prints onto Avery 5168 la

REMOVED DUAL CONTROL YOKE AND INSTALL SINGLE CONTROL YOKE AS  
PER BEECH 58 MANUAL.Terry Stewart  
A&P3208126

Logbook Entry N2852W 5-6-22

Removed a TCJ D120P2T Encoder S/N 36843  
and installed a TCJ SSD120-30N S/N 127868 and  
unit tested good per 91.411.Tomilson Avionics, Inc.  
PH. 870-534-0588 - 619-C Hanger Row  
Pine Bluff, Arkansas 71601  
FAA Approved  
Repair Station No. YN1R644K

SUB-TOTALS this page

TOTALS—Carry forward to next page



Washed aircraft, open wings and fuselage, removed both engine cowlings, removed propeller spinners removed all cabin seats and interior upholstery as needed to facilitate visual inspection of this aircraft. Inspect both left and right wing structures including but not limited to skins, spars, ribs and bracing. Inspect wing to fuselage attach points and bolts. Inspect aileron and flaps, hinges, cables, pulleys and flap drive flex cables. Check fuel tank bladders, lines, hoses and selector valve placarding and operation. Inspect wings internal electrical wiring for condition and secure routing. Found AD# 90-08-14 "WING SPAR STRUCTURE" dated 05/07/90 previously complied with, next compliance due date is HOBBS 6245.2 but this area was visually checked at this time and no discrepancies noted this date. Placed aircraft on jacks and inspect landing gear components, lubed retract/extend per manual. removed all wheels, inspect and service tires, wheels and bearings. inspect rotors, replace all brake linings with new RA66-44 Pads, replaced all pad mounting pins P/N 177-00300, replaced "O" rings P/N MS28775-222 in right brake cylinder and serviced brake hydraulic system with Aeroshell#4 fluid per manual. performed 6 complete gear retract normal and emergency extension cycles, audio gear warning and safety light operations check normal. Inspect landing gear transmission and dynamic braking motor and brushes, Inspect all gear operating torque tubes and end bearings. Check all landing gear operation electrical wiring and relays. Inspect fuselage structure for cracks, corrosion and deformities, none found. Inspect all flight control linkages as per cables,

turnbuckles and pulleys. Check rudder pedals and braking components. Inspect control yoke and control wheels for condition and clearance from obstructions under ships instrument panel. Check instrument panel wiring and hoses. Check ships circuit protection devices for condition and placarding. Inspect all control trim operating components. Inspect ships empennage structure including horizontal stabilizer, vertical fin, rudder and elevator and associated hingeing component bearings and bolts. Complied with AD# 13-16-01 'ELEVATOR BALANCE WEIGHTS' dated 09/24/13 by visual inspection of weights and mounting hardware, no defects found this date per S.B. 55-4089 REV 1. Next compliance due at HOBBS 6007.7 Cleaned all fuel screens, service and inspect ships battery. Check ELT expiration date and function test units "G" trigger switch and audio output. Inspect seats, belts and harness. Inspect all doors, hinges and latching mechanisms. Inspect all cabin glass windows and windscreen. Inspect cabin heater system components and operation. Check propeller anti-ice system components and operation. C/W AD#76-07-12 'BENDIX SWITCH' dated 08/30/77 by operational function test of switch per S.B. 583, all aspects of switch operation check normal this date, next compliance due at HOBBS 6007.7. Also C/W AD#91-15-20 "ENGINE MOUNT" dated 09/03/91 by visual inspection of the engine mounts per S.B. 2362 REV 1, no cracks or defects found this date. Next compliance will be due at HOBBS 6007.7. Checked ships interior and exterior lighting. Found AD#84-26-02 "INDUCTION AIR FILTERS" previously complied with and next compliance will be due at HOBBS 6289.7. Serviced both propeller unfeathering accumulators with nitrogen per Beech manual. Checked ships stall warning system components and operation. This inspection completed per Beechcraft annual/100 hour check.

Beechcraft annual/100 hour checklist and previously approved FAA form 337,s instructions for continued airworthiness. Airworthiness Directives were checked and complied with as required through 2022-18 and a new revised list was added to the aircrafts Historical records.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN  
ACCORDANCE WITH A ANNUAL INSPECTION AND WAS  
FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE...

Terry Stewart  
A&P32081261A

12



DATE

## CONWAY AIRCRAFT SERVICES

N2852W

NOVEMBER 2, 2022

HM: 5913.4

INSTALLED NEW OWNER SUPPLIED FORWARD AND AFT DOORS SEALS.

  
AARON BULMANSKI 3473678 A&P

CONWAY AIRCRAFT SERVICES

DECEMBER 05, 2023

HM: 5927.4

AFTT: 8614.4

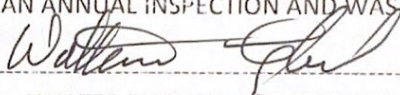
N2852W

BEECHCRAFT 58

S/N: TH-349

INSPECTED AIRCRAFT I/A/W AN ANNUAL INSPECTION ANS PER BEECHCRAFT BARON SERVICE MANUAL. COMPLIED WITH ELT ANNUAL INSPECTION AS PER FAR 91.207[d], BATTERY EXP DATE MAR/28. PERFORMED LANDING GEAR RETRACTION AND EMERGENCY EXTENSION TEST - CHECKED OK. CLEANED, INSPECTED AND LUBED ALL WHEEL BEARINGS. CLEANED, INSPECTED AND LUBED ALL ACCESSABLE CONTROLS, CABLES AND PULLEYS. INSTALLED NEW L/H & R/H INTAKE AIR FILTERS P/N: AA12-7996. INSTALLED NEW R/H LEADIG EDGE FUEL CELL P/N: 2530-10, S/N: CR808. INSTALLED OVERHAULED R/H FUEL SELECTOR VALVE P/N: HE780-7, S/N: 6740875. INSTALLED NEW A/C INVERTER P/N: FPS-4001. INSTALLED SERVICABLE EL PANEL P/N: 96-384043-3. INSTALLED ONE NEW POST LIGHT ASSEMBLY P/N: A358LG. INSTALLED TWO NEW INSTRUMENT LIGHT RHEOSTATS P/N: VW1KSPB. ALL APPLICABLE AD'S COMPLIED WITH TO DATE, SEE AIRCRAFT RECORDS FOR CURRENT LISTINGS.

I CERTIFY THAT THIS AIRCARFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

  
WALTER ENGLISH A&P 413067753 IA

4-17-24

N2852W

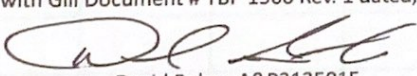
Hobbs: 5928.2

SOUTH DELTA AVIATION

4248 S. School Ave. Fayetteville, AR. 72701

1-479-935-4891

Activated two Gill G-25 batteries s/n's) GO3189084 and GO3189160 in accordance with Gill Document # TBP 1560 Rev. 1 dated, 03/01/17, and installed.

  
David Baker A&P3135015

SUB-TOTALS this page

TOTALS—Carry forward to next page