

N6731Z BARON 58P TJ-255

LOG BOOK #2

2/95 THRU 11/14

AIRCRAFT LOG  
AF5-1



FEB 3, 1995


Hour meter 1228.3  
TOTAL TIME 2251.9

*Israel L. Abbott*

2011001 IA.

SEE MAINT log Folder  
3375  
weight & BALANCE  
AD SUMMAYS

ELT BATT CIR-11

	ARTEX AIRCRAFT SUPPLIES, INC. 14405 Keil Rd. NE Aurora, OR 97002 (503) 678-7929 800-547-8901	
	LOG BOOK ENTRY	<del>11-17-05</del>
E.L.T. BATTERY REPLACEMENT DATE	NOV 2007	

# Aircraft Log

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Aero Products Corporation

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# INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental	TS10-520WB	R 518433 L 848248-R
ENGINE			R L
PROPELLER	HMTZELL	PHC-53YF-2VF	R ED 2153 L ED 3364
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
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PROPELLER			
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ENGINE			
PROPELLER			
PROPELLER			



JAN 94

# ALTIMETER & STATIC SYSTEM CHECKS

## F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
------	--------------	-------	------------	----------	-----------	---------------------	----------------------------------

"I certify that the altimeter (Pilots, Co-Pilots) and static test per F.A.R. 91.411 and F.A.R. 43 Appendix (E) has been complied with." Altimeter was tested to:

L.H. 25,000 FT, S/N 1990 Date 2/22/96

R.H. — FT, S/N — Date —

Air Data Computer S/N — Date —

By —

Data Correspondence check by RAS FLL

Static System By —

Raytheon Aircraft Services, Inc. Ft. Lauderdale, FL Date 2/22/96

F.A.A. Cert. Repair Station MZ4R380M, W/O 7926

Robert B. Tillery

Signature of Authorized Representative

### ATC TRANSPONDER TEST

I CERTIFY THE ATC TRANSPONDER(S) TEST & INSPECTIONS REQUIRED UNDER FAR 91.413 HAVE BEEN TESTED & INSP. AND FOUND TO COMPLY WITH APPENDIX F PART 43.

Signature Robert B. Tillery

#1. MAKE COLLINS

MODEL TDR-950

S/N 11569

MAKE —

MODEL —

S/N —

WO # 7926 DATE 2/22/96

RAYTHEON AIRCRAFT SERVICES, INC.  
FT. LAUDERDALE, FL 33315  
F.A.A. CERT. REPAIR STATION MZ4R380M

# 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
Feb 3, 1995	H0665 1228.3 TOTAL 2231.9	Replaced tail main light bulb, changed left main gear tire, Replaced tube in nose gear tire. Replaced main and nose wheel Bearings, Replaced one Bulb in top anti coll light and lubricated and cleaned motor, cleaned outflow and safety valves, cleaned Lwd and Aft Secondary heat exchangers, tightened loose terminal on glide slope circuit Breaker, Cleaned Battery Box and terminals, Tightened sherry Damper Bolts, Replaced inline Air filter in right and left nacelles, Replaced Vacuum Pump intake Air filter, connected left landing gear down lock cable and adjusted, Aircraft Serviced, and lubricated in accordance with Beech 58P Service Manual, Aircraft test ran and returned to Service	

I certify that this Aircraft has been inspected in accordance with an/a

General inspection and was

determined to be in airworthy condition.

DATE FEB 3, 1995 Gerald L. Abbott

TOTAL TIME

2251.9

H0665 1228.3

Gerald L. Abbott

A&P 20110011A

2011001 A&P



# 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

DECEMBER 29, 1995, HM. 1301.9, BEECH MODEL BARON 53P,  
S/N TJ-255, REG: N 6731Z

ALTERNATORS PARALLELED. AIRCRAFT RAN AND OPERATION  
CHECKED NORMAL.

### MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller or appliance identified  
above was repaired and inspected in accordance with current Regula-  
tions of the Federal Aviation Administration and is approved for return  
to service. Pertinent details of the repair are on file at this repair

station under work order No.

13211

Date

12/29/95

Signed

  
SIGNATURE OF AUTHORIZED REPRESENTATIVE FOR

**RAYTHEON AIRCRAFT SERVICE, INC.**

1150 LEE WAGENER BLVD.

FT. LAUDERDALE, FL 33315

F.A.A. CERT. REPAIR STATION MZ4R3801A

# 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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FEBRUARY 28, 1996, T.T. 2349.5, HM. 1325.9, BEECHCRAFT MODEL 58P, S/N TJ-255, REG. N6731Z

ORIGINAL GOODRICH MAIN WHEEL AND BRAKES WERE REMOVED AND REPLACED WITH PARKER HANNIFIN/CLEVELAND MAIN WHEEL AND BRAKE CONVERSION KIT P/N 199-73 REVISION "C" IN ACCORDANCE WITH PARKER HANNIFIN/CLEVELAND INSTALLATION DRAWING 50-42 REVISION "D" AS AUTHORIZED BY PARKER HANNIFIN CORPORATION STC SA178GL. WEIGHT AND BALANCE CHANGE IS NEGLIGIBLE. EQUIPMENT LIST WAS UPDATED. SEE FAA FORM 337 THIS DATE. NOSE WHEEL ASSEMBLY WAS REMOVED AND REPLACED WITH NEW WHEEL ASSEMBLY. NOSE GEAR UPPER BRACE WAS SHIMMED AS PER THE BEECH MAINT. MANUAL. LANDING GEAR RETRACT SYSTEM WAS RIGGED AS PER THE BEECH MAINTENANCE MANUAL. CRACK IN R/ENGINE #1 CYLINDER EXHAUST STACK WAS REPAIRED BY WELDING. C/W A/D 84-02-08, SCOTT, BY INSPECTION AND FOUND N/A PER BOTTLE MANUFACTURE. C/W A/D 94-19-06, PURITAN BENNETT, BY INSPECTION AND FOUND N/A PER MASK MODEL. C/W A/D 87-06-09, MECHANICAL PRODUCT, BY INSPECTION AND NO SUSPECT BREAKERS WERE FOUND. C/W A/D 93-10-02, T.C.M., BY REVIEW AND FOUND N/A PER HOURS OF OPERATION AND DATE OF MANUFACTURE OF RIGHT ENGINE #3 CYLINDER. C/W A/D 91-19-03, T.C.M., BY INSPECTION AND FOUND N/A PER FILTER DATE CODE.

CONTINUED ON NEXT PAGE

PAGE 1



# 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
FEBRUARY 28, 1996,	T.T. 2349.5, HM. 1325.9,	BEECHCRAFT MODEL 58P, S/N	
TJ-255, REG. N6731Z			
CONTINUED FROM PREVIOUS PAGE:			
C/W A/D 88-03-06,	T.C.M.,	BY INSPECTION AND FOUND N/A PER FILTER	
MANUFACTURE.			

### MAINTENANCE RELEASE

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.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER #: 13366 DATE: 2/28/96

SIGNATURE OF AUTHORIZED REPRESENTATIVE: *[Signature]* FOR RAYTHEON AIRCRAFT SERVICES, INC.

REPAIR STATION # MZ4R380M, 1150 LEE WAGNER BLVD., FT. LAUDERDALE, FL 33315, (305) 359-1140

PAGE 2

# 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
MARCH 4 1996	mm 1331.5 TOTAL 2355.10	Replaced Ekt Battery Exp date MAR 98 Ekt operation OK as per FAR 91.207D, Secured Shiny Damper, adjusted elevator cable tension, secured mast air hose in aft Fuselage, C/W AD 82-07-03 Tailrotor Heater inspected & Decay Tested, Aircraft Service and lubricated, test run and returned to Service	Gerald L. Abbott 20110011A
<p>I certify that this <u>Aircraft</u> has been inspected in accordance with an/a <u>Annual</u> inspection and was determined to be in airworthy condition. DATE <u>MAR 4, 1996</u> Gerald L. Abbott TOTAL TIME <u>2355.10</u> Hourmeter <u>1331.5</u> TOTAL TIME <u>2355.10</u></p>			



# 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
<b>Airframe Log Book Entry Insert for Beechcraft Baron 58-P, TJ-255, N6731Z.</b>			
<b>Date: 08/14/96</b>		<b>W/O: 96149AD</b>	
<b>ACTT: 2378.6</b>		<b>LETSO: -0-</b>	
<b>Hobbs: *2378.6</b>		<b>RETSO: -0-</b>	
<b>1. The following Appliance Airworthiness Directives do not apply to this aircraft.....</b>			
AD 89-09-02 Davis seat belts, not installed.			
AD 90-05-09 Tractot 7800 VLF, not installed.			
AD 90-06-13 Honeywell VG-14, not installed.			
AD 86-05-02 United instruments , DNA by altimeter S/N.			
AD 92-16-15 Scott Oxygen masks, DNA P&B installed.			
AD 89-04-02 Faucet carburetors, not installed.			
AD 84-02-08 Scott Oxygen cylinders, DNA P&B installed.			
AD 94-02-02 Rockwell Collins DME, not installed.			
AD 93-18-08 Precision Air Carb.s , not installed.			
AD 94-19-06 Puritan bennett crew O2 masks, DNA by type and p/n.			
AD 93-19-04 Precision Air Carb.s, not installed.			
AD 93-24-16 P&B oxygen masks, DND by p/n.			
AD 93-14-12 P&B oxygen masks, DNA by p/n.			
AD 81-08-04 P&B oxygen masks, DNA by p/n.			
AD 87-06-09 Mechanical products C/B's , not installed.			
-----Continued-----			

# MAINTENANCE RECORD

DATE OF  
COMPLETION

TE NO.  
ID TO SERVICE

AD 84-26-02 Induction air filters, C/W this date by replacement.  
AD 93-04-02 Collins transponders, DNA by p/n.  
AD 92-11-09 Collins transponders, DNA by p/n.  
AD 91-10-01 Collins TCAS, not installed.  
AD 94-01-04 Honeywell TCAS, not installed.  
AD 94-01-06 Collins TCAS, not installed.  
AD 94-01-05 Allied signal TCAS, not installed.  
AD 86-22-10 Collins DME-42, DNA by model number.  
AD 87-17-06 Am Safe seat belts, DNA by p/n.  
AD 95-03-02 Bracket air filters, DNA by vendor type.  
AD 95-01-01 Terra Transponders, not installed.  
AD 94-21-06 Pacifis scientific seat belts, DNA by vendor type.  
AD 93-12-04 Precise flight, not installed.  
AD 87-20-05 Pacific scientific seat belts, DNA by vendor type.  
AD 87-16-07 Sperry EFIS, not installed.  
AD 87-04-09 EON seat belts, DNA by vendor type.  
AD 86-25-01 Collins VOR/ILS receivers, DNA by model number.  
AD 85-26-03 Scott Oxygen connectors, DNA P&B installed.  
AD 85-26-01 Secor Aglion seat belts, DNA by vendor type.  
AD 85-23-07 King Autopilots, DNA by model number.  
AD 85-22-10 Collins erroneous indication, not installed.  
**See AD master list in log book blue binder.**

Tech Sign:

*Derek W. Roberts*

Cert: A&P 166521778

Insp Sign:

*Robert L. Lee*

Cert: A&P 157442134 IA

Elcorta, Inc. 13 Penn's Way, New Castle, DE 19720 (302) 322-7757

-----  
END  
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# 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/RE TURNED TO SERVICE
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**Airframe Log Book Entry Insert for Beechcraft Baron 58-P, TJ-255, N6731Z.**

**Date: 08/19/96**

**W/O: 96149**

**ACTT: 2378.6**

**LETSO: -0-**

**L-PROP-TSO:-0-**

**Hobbs: ~~2378.6~~**

**RETSO: -0-**

**R-PROP-TSO:-0-**

1. Note above that aircraft **hobbs** meter has been **advanced** to reflect "ACTT today."
2. Complied with an **Annual Inspection** IAW with Beech maintenance manual and inspection schedule.
3. Left engine s/n 4-248248R overhauled by T/W Smith CRS-CB1R054K. Installed IAW Beech Maintenance Manual. (See engine logs).
4. Right engine s/n 518433 overhauled by T/W Smith CRS-CB1R054K. Installed IAW Beech Maintenance Manual. (See engine logs).
5. Left **propeller** s/n ED3364 overhauled by Sensenich CRS-QV9R194N. Installed and torqued per Beech manual.(see prop log). **RE-TORQUE CHECK DUE ACTT: 2478.**
6. Right **propeller** s/n ED2153 overhauled by Sensenich CRS-QV9R194N. Installed and torqued per Beech manual.(see prop log). **RE-TORQUE CHECK DUE ACTT: 2478.**
7. Installed new windshield IAW Beech M.M. Chapter 56-00-00, pg 201, and Beech Kit p/n 102-3010-1S. Windshield p/n 102-364044-85, NSN. (Leak checked good).
8. Installed new windshield temp controller p/n 100-364295-3, s/n on 453-AE-95L8247, s/n off 837-NN-79. Corrected wiring "descrepancies" IAW Beech wiring manual. (Functional tested good).
9. Replaced left and right propeller brush block assy's p/n 3E2011-1. (Functional tested good).
10. Adjusted aileron, rudder and elevator cable tensions IAW Beech Maint. Manual.

-----Continued-----



## 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
		-----W/O 96149 Continued-----	
		11. Replaced right flap actuator with overhauled actuator p/n 45-521212-607, s/n on 832-EE-79, s/n off 808-P-79. Checked system rigging IAW Beech M.M. (Functional tested good).	
		12. Oxygen cylinder p/n ZC-406-15, s/n 48340 hydrostatically tested by CRS-OD1R370K. Installed and serviced. Repaired capillary line at bottle. (leak checked good).	
		13. Complied with <b>Beech Mandatory Service Bulletin # 2691</b> , second cabin window lower longeron inspection and reinforcement. No cracks found, C/W parts I and III.	
		14. Complied with <b>Beech Mandatory Service Bulletin # 2630</b> , cabin window upper longeron inspection.(No discrepancies noted.).	
		15. Installed customer supplied first aid kit in aft cabin area.	
		16. <b>AD 87-18-06R1</b> Seat recline handles, DNA no hydrolock seats.	
		17. <b>C/W AD 91-17-01</b> Color coded elevator trim system IAW SB-2399.	
		18. <b>C/W AD 88-21-02</b> Modified pilot and co-pilot seat tracks IAW SB-2233.	
		19. <b>C/W AD 84-26-02</b> Replaced left and right Induction air filters with new filters p/n 50-389070-23. <b>Next replacement due in 500/hours at ACTT: 2878.</b>	
		20. All Airworthiness Directives checked through bi-weekly listing <b>96-15M</b> .(see airframe/appliance AD master list in log book blue binder).(See engine logs for Engine AD's).	
		21. Removed existing Northstar M-1 Loran Unit s/n 23604 and existing antenna. Blanked existing hole. Installed Northstar Avionics M-3 Navigator system. (Reference FAA-337 Form Dated 8/20/96 And Elcorta Installation drawing # ELC-96149.) <b>"GPS"</b> system is for <b>"VFR operation only"</b> . IFR certification is predicated upon successful completion of an IFR test flight. -----end-----	
		-----Continued-----	



# 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

- W/O 96149 continued-----
- 22. The equipment list and weight and balance have been revised accordingly.
  - 23. Complied with a pitot static system leak test IAW Beech Maintenance manual. (Leak checked OK).
  - 24. Replaced right throttle cable assembly. P/N on 102-389009-1. Checked rigging per Beech manual.
  - 25. Replaced left and right main tires and tubes p/n 195-675-10-312 and G195-675-8-300 respectively.

Tech Sign:

*Derek W. Roberts*

Cert: A&P 166521778

I certify that this aircraft has been inspected in accordance with a **100/hour Annual inspection** as required by FAR 91.409 (a) (1) and was determined to be in airworthy condition and is approved for return to service.

Insp Sign:

*Robert Kane*

Cert: A&P 157442134 IA

Elcorta, Inc. 13 Penn's Way, New Castle, DE 19720 (302) 322-7757

----- END -----





# 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
--------------------	--------------------------	-----------------------------------------------------	-------------------------------------------------------------

## Northwest Arkansas Avionics

5404 Airport Boulevard

Fort Smith, Arkansas 72903

CRS QNAR051K

TO: N6731Z

Removed 2 ea. VIR-351, 1 ea IND-351A, ANS-351, 2 ea GLS-350, 2 ea. VHF-251, AND ASSC POWER SUPPLIES, INSTALLED 1 ea KX-165, 1 ea KX-155, 1 ea KI-204, 1 ea KA-120, 1 ea KAS297, 1 ea KEA-346, ALSO REMOVED IDC SERVO ALTIMETER.

SEE 337 THIS DATE FOR FULL INSTALLATION DATA.

SUPPLEMENT MANUAL ADDED TO AIRPLANE FLIGHT MANUAL.

NEW WEIGHT AND BALANCE DATA,

E.W. 4419.75

C.G (ARM) 75.35

MOMENT. 333063.15

Alan K

## 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
11-15-96	T2408.2	Install spoilers with STC SA 5777 NM & Installation instructions No SP 10,000 July 27-1992, Master Drawing list SP 10,000 dated July 31-1992 + 4313-1A See 337 + W+B This date. Empty WT 4439.65 arm 75.5 Moment 335221.85	In accordance D. N. [Signature] DA#300833
2-5-97	TTAF	Removed Flight Command Indicator for overhaul and reinstalled. S/N 9579. Duncan Aviation WO# RCKBA001	John F. [Signature] DA008565116 WINGS AVIATION



# 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
12-3-97	2422.8	AD 97-07-09 PCW SB 2630	8-19-96 T 2378.6
		AD 97-14-15 PCW SB 2691	8-19-96 T 2328.6
		CWAD 84-26-02 Replace air filters.	
		AD 82-07-03 Due 2855 T or 3-98.	
		I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition	
		Retract gear clean & pack wheel bearing	
			John M. I #443008824
3-26-98	2422.8	installed x2 G-25 Batts	
		SN-GO1747441 + SN-GO1730707	
		OPP's OK OK	Jim B. H&P 399689397
5-06-98	2122.8	CPW AD 97-25-01 NA	
		Per SN	A+P 399689397 J. M. I

**F.A.R. 43.11-91.409**

KIND OF INSPECTION - STATUS & DISCREPANCY LIST		
DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7-1-99	2422.8	CWAD 87-26-02 Replue air filter CW
CWAD 98-04-24		AD 87-07-03 PDT+100hr Hunter
AFM Chnges		I cert.ify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in an airworth condition Retract Gear OK Chant Pack Wheel Bearings
		Det Mng 24430089221
7-1-99	2422.8	Replaced ELT Battery Exp Dat Jul 01 ELT operation OK As per FAR 91 207D AIP 39968397 J. Bote



# 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

N6731Z

S/NTJ-255

DATE:3/8/00

ACTT:2422.8

FAR 91.411 and 91.413 test and inspections were performed on this date and found to comply with FAR 43 APP. E and APP. F. Transponder P/N's 622-2092-001, #1 S/N 11569. This aircraft was inspected in accordance with current FARs and found airworthy and is approved for return to service. Pertinent details are on file at this agency under W.O. # 02223

Signature

*David M. [Signature]*

**NEXT DUE MARCH 2002**

FAA REPAIR STATION WIBR481K PHONE (501) 636-9400

*A/P487667593*



## 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	
2/19/00	2422.8	Removed Fuel Flow Gauge for repair, reinstalled SNC603317 BF Goodrich NO C. <del>5449</del> 71755 AIP 399689397 Jim Bette
6-11-00	2427.0	CPW AD 82-07-03 Janirol Heater inspect + Decay Test, opps ✓ OK AIP 399689397 Jim Bette
8-4-00	2448.5	CW AD 84-26-02 REPLACE AIRFILTERS I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AN AIRWORTH CONDITION. RETRACT GEAR OK, CLEAN & PACK WHEEL BEARINGS. Jim Bette IA 399689397



# 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
9/5/2000	2456.85	Complied with KING SERVICE Bulletin "ALERT MOD 8" FOR KFC 200 A/P SYSTEM FAA CRS # CM2R747K <i>[Signature]</i>
10/13/2000	2477.6	Removed and installed Aileron servo after overhaul by Auto pilot central. OPPS ✓ OK A/P 399689397 <i>[Signature]</i>
11/1/00	2477.9	Removed and installed Left voltage regulator P/N B-00306-3 SN 1060 OPPS ✓ OK A/P 399689397 <i>[Signature]</i>
12/6/00	2487.8	Removed & Replaced Left Main Tire/Tube Leak ✓ OK A/P 399689397 <i>[Signature]</i>
5-201	2498.9	Removed and Replaced ATC Transponder P/N 622-2092-001 with SN 4981 DPP ✓ OK A/P 399689397 <i>[Signature]</i>

## 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
08/09/01	2504.5	Replaced ELT BATT. NEW Exp. Date. <sup>Sept</sup> 03 ELT operation OK as per FAR 91.207D ATP 399689397 J. Bobb
08/14/01	2504.5	Replaced Aircraft Batts SN G01968711 & SN G01968750
9-4-01	2504.5	AD 61-17.13 Amend 39-12464 NA No regulator I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in airworth conditions. Retest Gen ok. ROR Mory IA430089221





Kevin E Bronner

[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
01-12-02	2526.1	Removed and Replaced O <sup>2</sup> Bottle For Hydro Test by Aero Electric service O <sup>2</sup> bottle Leak ✓ OK      AOP 399689377 <i>[Signature]</i>
05-24-02	2541.7	Remove and Replaced Pilot Altimeter PN 066-3062-00 SN 2783 for Repair
		<div data-bbox="560 694 1228 1236" style="border: 1px solid black; padding: 10px;"> <p>This altimeter has been inspected,            tested, and certified to comply with            FAR 91.411 per FAR 43 Appendix E            to an altitude of <u>50,000</u> ft.            PN <u>066-3062-00</u> SN <u>2783</u>            WO# <u>557345</u> DATE <u>5/21/02</u>            Inspection <u><i>[Signature]</i></u></p> <p>Altimeter Type: <input checked="" type="checkbox"/> Encoding <input type="checkbox"/> Standard  <input checked="" type="checkbox"/> Mid-Continent Instrument Co. - Wichita, KS  <input type="checkbox"/> Mid-Continent West - VanNuys, CA</p> </div>
		Replaced nose Tire + Right Tire + Tube Replaced Brake Linings 66-44 Replaced Door seal PN 102-384007-11 OPSS ✓ OK - Brake lining Burnt in - Leak ✓ OK <i>[Signature]</i> AOP 399689377



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
5/29/02	2541.7	Removed & Replaced ALTO Pilot Roll SERVO with New \$8271 \$145326 OPP ✓ OK \$28.32868385 \$28.32868385
<p>Each Static Pressure System, Each Altimeter Instrument &amp; Each Automatic PressureAltitude Reporting System has been tested and inspected and found to comply with Appendix "E" of FAR 43, as required by FAR 91.411.</p> <p>Altimeter #1 SN <u>2283</u> PN <u>KEA-346</u> #2 SN <u>25916</u> PN <u>5249A-1</u></p> <p>NORTHWEST ARKANSAS AVIONICS, INC. 5404 AIRPORT BLVD. FORT SMITH, ARKANSAS 72903 CRS QNAR051K</p> <p>Date <u>6-11-02</u> Signature <u>Walters</u></p> <p>The ATC Transponder has been tested and inspected and found to comply with appendix "F" of FAR Part 43, as required by FAR 91.413.</p> <p>Transponder #1 SN <u>4981</u> PN <u>7DR-950</u> #2 SN <u>114PN</u> PN <u>14</u></p>		



## 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
09/28/02	2548.6	CPW AD 96-20-07 Amend 39-4354 Heater AD Heater Hobbs - 0412.3
		CPW AD 02-10-13 Amend 39-12759 exterior Door placards
		CPW AD 02-11-07 Amend 39-12768 EL Panel screws
		<p>I certify That This Aircraft Has been inspected in accordance with an Annual inspection and Has been found To be in an Airworthy condition.</p> <p><i>J. Bohn</i> 399689397 A+P <i>J. Bohn</i> 399689397 IA</p>
02-16-03	2570.9	<p>Removed and installed King Dir Gyro KG-102A for overhaul by Porter-Strait Instrument, Tulsa OK. CPPs ✓ OK</p> <p><i>J. Bohn</i> 399689397</p>



# INSPECTION RECORD

## F.A.R. 43.11-91.409



**Autopilots Central, Inc.**  
 Hangar 23, Tulsa International Airport - Tulsa, OK 74115  
 P.O. Box 582108 - Tulsa, OK 74158  
 (918)936-6418 - Fax (918)832-0136  
 FAA CRS CM2R747K

Invoice

Work Order: MA03-00592      Opened: 7/17/2003  
 Act Number: (479)631-3789      Closed: 7/18/2003  
 Department: Maintenance

Sold To: SCN Aviation  
 224 West Cherry Street  
 Rogers, AR 72756

**General Comments:**

Pilot is Jim Bolle

Aircraft Number: N6731Z      Type: BEECH BARON      S/N: T1255

Total Time: 0.0      Hobbs Time: 2,581.7      Tach Time: 0.0

**Discrepancy: 1**

**Problem:**

Air conditioner is not working. Customer says the compressor will start and then shut off with no cooling. He has checked the freon and says its charged ok.

**Action Taken:**

1. Trouble shoot the air conditioner system.
2. Connected gages into the system and run the aircraft. Had no compressor action on the pressure gages.
3. Inspected the compressor clutch for power. Had power with system not running.
4. Found the clutch A+ was lost when the system was activated
5. Gained access to the low and high pressure switches for testing. Jumped the high pressure switch and found the compressor did work when running the engine. Had very low high pressure and high low pressure. Found the receiver dryer was blocked.
6. Installed a new receiver dryer. Inspected the forward evaporator expansion valve and found it was clean
7. Evacuated the system for one hour. Added 3 ounces of oil and charged the system using the customers R-12 freon
8. Found the diode across the air conditioner switch was broke. This diode supplies current to the nacelle motor to open the door. Installed a new diode
9. Ground run the aircraft with normal air conditioner operation.

W/O MA03-592 DATE 7/18/03 HRS 2581.7 HH  
 AUTOPILOTS, CENTRAL, INC.  
 TULSA, OK 74115  
 SIGNATURE [Signature]  
 FAA CRS/CR747K

Printed 7/18/2003

Work Order: MA03-00592

Page: 1 of 1

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

DATE      AIRCRAFT TIME IN SERVICE

## 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
8-8-03		Hobbs 2583.4 Removed and reinstalled RT 131A Radar RT for work at ASI in Memphis OPP's ✓ OK H&P 399689397 <i>J. Butcher</i>
11-01-03		Hobbs 2597.7 I certify That This Aircraft has been inspected in accordance with an annual inspection and has been found to be in airworthy condition. <i>J. Butcher</i> 399689397 IA
11-02-03		Hobbs 2597.7 Replaced ELT BATT. OPI's ✓ impact switch. BATT Due Dec 2005 <i>J. Butcher</i> H&P 399689397



# 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
03-23-04		Hobbs 2601.7

Each Static Pressure System, Each Altimeter Instrument & Each Automatic Pressure Altitude Reporting System has been tested and inspected and found to comply with Appendix "E" of FAR 43, as required by FAR 91.411.

Altimeter #1 SN 2783 PN KA-346  
#2 SN N/A PN N/A

NORTHWEST ARKANSAS AVIONICS, INC.

5404 AIRPORT BLVD.

FORT SMITH, ARKANSAS 72903

CRS QNAR051K

Date 23 MAR '04

Signature Reza

The ATC Transponder has been tested and inspected and found to comply with appendix "F" of FAR Part 43, as required by FAR 91.413.

Transponder #1 SN 4981 PN TDR-950  
#2 SN N/A PN N/A

# 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	
5-24-04		Hobbs 2603.0 Replaced Left main Tire + Tube A+P 399689397 J. Bates
12-10-04		Hobbs 2614.1 I certify This aircraft has been inspected in accordance with an annual inspection and has been found To be in airworthy condition J. Bates 399689397IA
12-10-04		Hobbs 2614.1 CPW AD 96-20-07 Amend 39-4354 Heater AD Heater Hobbs 0416.0 A+P 399689397 J. Bates
12-23-05		Hobbs 2630.7
	Cir-11	Replaced ELT BATT. Due - NOV 2007 Replaced Aircraft Batteries 8-250

-CONT-



## INSPECTION RECORD

F.A.R. 43.11-91.409

D	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	11-23-05		CONT. BATT SN's 60222-6488 + 60222-6435 Replaced Air Filters PN 50-389070-23 Function Test ELT OK, <sup>AP 399689397</sup> <i>J. Bates</i>
	12-01-05		Hobbs 2630.7 I certify This aircraft has been inspected in accordance with an annual inspection and has found to be in an airworthy condition <sup>399689397 IA</sup> <i>J. Bates</i>
	03-21-06		Hobbs 2637.0 Replaced Assy power supply with overhaul unit PN 701571 SN 994919 <sup>OPPV OK</sup> <i>J. Bates</i> <sup>AP 399689397</sup>
	03-22-06		Hobbs 2637.0 Removed + reinstalled Manifold Pressure gauge. OPPS ✓ OK <sup>AP 399689397</sup> <i>J. Bates</i>



NORTHWEST ARKANSAS AVIONICS, INC.  
FAA CERTIFIED REPAIR STATION NO. QNAR051K

MUNICIPAL AIRPORT

FORT SMITH, ARKANSAS

Date 4-4-06 Owner Shepherd's (Chap)

Serial No. OF 916 Unit Altimeter

W.O. No. 8903 Make United Model 59 4 PA-1

Remarks tested L.A.W. Appendix E  
of FAR 43 as required by 91.411

Tech. BS Insp. ARF

SERVICEABLE

#2 SN OF 916 PN 4981

NORTHWEST ARKANSAS AVIONICS, INC.

5404 AIRPORT BLVD.

FORT SMITH, ARKANSAS 72903

Date 4-4-06 CRS QNAR051K  
Signature Alan Long

The ATC Transponder has been tested and inspected and found to  
comply with appendix "F" of FAR Part 43, as required by FAR  
91.413.

Transponder #1 SN 4981 PN TDR 950  
#2 SN            PN



# 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
4-17-06	2641.9	installed KX155 Radio and air speed gauge after calibration OPPS ✓ OK A+P 399689397 J Batte
9-01-06	2655.7	installed Fuel Flow gauge 65840-1115 SN C605317 OPPS ✓ OK A+P 399689397 J Batte
01/04/07	2665.9	installed repaired Airspeed indicator by porter strait of Tulsa OPPS ✓ OK A+P 399689397 J Batte
01/18/07	2665.9	Hobbs I certify This aircraft has been inspected in accordance with an annual inspection and found to be in an airworthy condition J Batte IA 399689397

## INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS &amp; DISCREPANCY LIST

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

DATE	AIRCRAFT TIME IN SERVICE	
1/18/07		AC Hobbs 2665.7 Heater Hobbs 427.7
		CPW AD 96-20-07 Amend 39- <del>9773</del> 9773 <sup>10</sup>
		Heater AD OPPs ✓ OK A+P 399689397
1/18/07		CPW Superseded by 2004-21-05 Amend 39-13826
		A+P 399689397
		Amend 39-13826
3/23/07		AC Hobbs 2667.1
		Removed Airspeed ind. To have
		inst. reworked for needle bouncing
		between 60-120 mph. Porter-Strait
		rework Opp ✓ OK A+P 399689397
		✓ Bob
11-25-07		AC Hobbs 2667.1
		Replaced ELT BATT CIR-11 NEW Date
		Recert O <sup>2</sup> Bottle by Kelly Aerospace
		WO-AE-71462, installed and leak ✓ OK.
		Removed Bonzer Radar Altimeter unit, Filed 337
		Revised Weight + Balance, updated equipment list
		- Cont -



# 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
11-25-27		Hobbs 2667.1
4		- Cont -
		FHT Function Tested OK and impact Test OK. - End -
		No P398489397
		J. Boto
2-13-08		Hobbs 2669.0 Chaged oil & filter, 40w Aeroshell,
1		Installed new Bald bearings. N 066-044 (ears +
		pick wheel bearing Retrat Gear OK Installed new
		Right Main Tire & Tube Installed new use 2/100 D9142
		I certify that this aircraft has been inspected in
		accordance with an annual inspection and has
		been found to be in an airworthy condition
		J. Boto
		FA 3012779
9-25-08		Hobbs 2669.0
		installed OK Props (Left SN ED 3364, right
		F.D. 2153, by Foster's prop service. Leak and
		Function ✓ OK
		No P398489397 J. Boto

Left  
Engine

[illegible]

**IMPORTANT!**  
This card must be  
completed and returned for  
warranty consideration

Aircraft  
Make Beech  
Model 58P  
Registration N6731Z  
Tach Time On 2677.7 Hrs.  
Tach Time Off \_\_\_\_\_ Hrs.

Unit Installed  
RA442CW-4  
Part No.  
Serial No. D4151  
Date Installed Oct 16, 2009  
Date Removed  
Purchased From Rocket Aviation

Date: 10/16/2009; Aircraft: N6731Z

Installed new Rapco Dry Air pump, P/N RA442CW-4 on left engine. Engine ground run, checked good.

Hr. Meter 2677.7 Date: Oct 16, 2009  
Sig Arthur W Mitchell Cert. # AEP2140786  
Rocket Aviation, Plainview, TX



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



Completed Annual Inspection of aircraft. Serviced and lubricated all systems. All routine items checked per Beech check list. Installed new Nose gear tire and tube, balanced as needed. Replaced EMI filter at right electric boost pump and checked pump operation, checked good. Installed new busing in nose steering idler arm and tightened steering linkage points. Installed new tail nav light bulb. Repaired loose connections and wiring on both landing lights, checked operation, checked good. Installed new ELT battery, checked operation of ELT in accordance with FAR 91.207 (d), checked good. Reinstalled ELT and armed. New battery date: Jan. 2014. C/W AD 76-07-12 by operation and grounding test of both mag switches, checked good. C/W AD 08-13-07 replaced all affected circuit breaker switches (12 ea.) in accordance with Beech SB # 24-3735. C/W AD 09-25-01 by installation of correct washers P/N 100951X060YA on pilot and copilot shoulder harness assembly. C/W AD 04-21-05 by inspection of heater, Pressure decay test of combustion tube checked good. Checked operation of combustion pressure switch, checked good. C/W AD 14-25-16 by visual inspection of heater fuel shut off valve for leaks, checked good. AD 84-26-02 on inlet air filters PCW, filters replaced 2/13/2008, (see date on filters). Due replacement on or before 3169.0 hrs. See AD note summary in aircraft papers for complete listing and compliance times.

condition. Tech Time 2690.8 Total Time 2690.8 Eng. TT            Eng. SMOH           

HOBBY

Date Nov. 4, 2011

**Sign**

Cert.# IA2703029

ELT Bat, Date 5/11/2014

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

EZELL AVIONICS

220 PR 150-1B. ZZ6R885B

BRECKENRIDGE, TX 76424

254-559-3051

N# 67312 W.O. # 1082 H.M. 2692.1

ALTIMETER, PITOT STATIC SYSTEM AND AUTOMATIC  
PRESSURE ALTITUDE REPORTING SYSTEMS TEST WAS  
PERFORMED IAW PART 43 APPENDIX E. AS REQUIRED  
BY FAR 91.411

PILOTS S/N 2783 COPILOTS S/N 916

ALTIMETER(S) WAS/WERE TESTED TO 25 K FT

SIGNATURE Bobby Faulkner DATE 3/13/2012

ATC TRANSPONDER HAS BEEN TESTED IAW FAR'S AND  
FOUND TO COMPLY WITH PART 43 APPENDIX F. AS

REQUIRED BY FAR 91.413

#1 MOD TDR-950 S/N 4981

#2 MOD N/A S/N N/A

SIGNATURE Bobby Faulkner DATE 3/13/2012

APPROVED FOR RETURN TO SERVICE



# F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING

PAGE 1



*Lloyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



Date: 11/01/2013; Aircraft: N6731Z; Type: BEECHCRAFT, 58P; S/N: TJ-255; Hobbs: 2701.30; Total Time: 2701.30;  
Engine 1 Type: TSIO-520-WB, S/N: 248248-R, Time: 322.70; Prop 1 Type: PHC-J3YF-2UF, S/N: ED3364, Time:  
32.30; Engine 2, Type: TSIO-520-WB, S/N: 518433, Time: 322.70; Prop 2, Type: PHC-J3YF-2UF, S/N: ED2153,  
Time: 32.30; Work Done At - Airframe Time: 2701.30,, Engine Time: 322.70,, Heater Time: 436.50,

Shop Order #: 15558, Closed: 10/30/2013

**\*\*Discrepancy\*\***

Annual inspection/prebuy due.

Completed an Annual Inspection this date in accordance with F.A.R. 43 appendix d.

**\*\*Discrepancy\*\***

All engine hoses dated 1996.

Replaced all engine hoses with new hoses.

**\*\*Discrepancy\*\***

Airconditioning drive belt deteriorated.

Replaced with new belt and tightened to 100 lbs. belt tension

**\*\*Discrepancy\*\***

Right engine throttle control rod end worn.

Replaced rod end bearing and adjusted throttle linkage.

**\*\*Discrepancy\*\***

Right turbo heat shield bracket broken.

Heat shield repaired.

**\*\*Discrepancy\*\***

# 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



*Lloyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



2

Install eight new wing bolts.

Installed new wing bolts and torqued to manufactures specs.

**\*\*Discrepancy\*\***

Install vortex generator kit.

Installed D'Shannon Products Ltd Vortex Generator Kit STC# SA4016NM in accordance with Motech Drawing List DL-100.

**\*\*Discrepancy\*\***

Cut in right wing deice boot at tip.

Patched boot with new boot repair kit.

**\*\*Discrepancy\*\***

Left and right main gear uplock striker clearance insufficient.

Adjusted left and right main gear uplock striker clearance to spec.

**\*\*Discrepancy\*\***

Left and right main gear uplock cable tensions excessive.

Adjusted left and right main gear uplock cable tensions to spec.

**\*\*Discrepancy\*\***

Right tire contacting uplock cable housing in up position.

Secured cable assy as required for clearance.

**\*\*Discrepancy\*\***

Parking brake valve leaking.

Removed ,cleaned and installed new O rings.

**\*\*Discrepancy\*\***

Remove unfeathering accumulators and cap fitting at prop governors.



# 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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*Loyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



3

Removed both accumulators and attaching hardware.

**\*\*Discrepancy\*\***

Install EDM system.

Installed EDM 760 system, (supplied by owner) as per JP Instrument Corporation installation instructions.

**\*\*Discrepancy\*\***

Reinstall interior after refurbishment by Custom Classic Upholstery.

Reinstalled interior as required after refurbishment and inserted burn certs into aircraft records.

**\*\*Discrepancy\*\***

Windshield defrost duct to glareshield deteriorated.

Removed and replaced duct with new unit.

**\*\*Discrepancy\*\***

Repaint wingwalk on both wings.

Painted wing walk and steps on both sides.

**\*\*Discrepancy\*\***

Seat rollers severely worn.

Replaced seat rollers with new units.

**\*\*Discrepancy\*\***

Right engine RPM fluctuates in cruise.

Removed right prop governor and sent to Johnson and Sons Propeller for bench check. Reinstalled governor after test with new gasket.

**\*\*Discrepancy\*\***

Left fuel quantity system will not calibrate.

Installed three overhauled transmitters and system calibrated correctly.

# INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
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*Loyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



4

**\*\*Discrepancy\*\***

Evidence of fuel leakage on left and right wings.  
Installed 3 new fuel cells in each wing, serviced with and leak check good.

**\*\*Discrepancy\*\***

Right wingtip lens cracked.  
Removed right wing tip lens and fitted with new lens.

**\*\*Discrepancy\*\***

Left and right brake calipers seeping.  
Resealed left and right brake calipers. Reinstalled with new brake shims. Bled system as required.

**\*\*Discrepancy\*\***

Flap indicator indicates only full up or full down.  
Removed and replaced flap indicator transmitter with factory new unit. Operational test good.

**\*\*Discrepancy\*\***

Oxygen bottle due hydrostatic test.  
Removed bottle for testing. Reinstalled after overhaul and re-certification. Serviced with Aviator's breathing oxygen.

**\*\*Discrepancy\*\***

Pulled rivets under left and right wings outboard of gear doors.  
Replaced rivets as required.

**\*\*Discrepancy\*\***

Pilots brake master cylinders leaking.  
Replaced with new master cylinders.

**\*\*Discrepancy\*\***

Door seal pump runs continuously. Seal inflates but audible air leak in door.



# 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



*Loyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



5

Removed upholstery and trim from door. Located leak at pressure bleed valve. Removed and disassembled valve. Cleaned and reassembled and reinstalled in door. Operational test good. No leaks noted. Reinstalled upholstery and trim.

**\*\*Discrepancy\*\***

Mixture controls stiff.

Pressure lubed cables and re-installed.

**\*\*Discrepancy\*\***

Tail nav lens cracked.

Removed old lens and fitted with new lens.

**\*\*Discrepancy\*\***

Left and right elevator trim tab free play excessive. After disassembly both actuators were found worn to max limits.

Rebuilt both actuators and installed new bolts. Re-adjusted left trim tab.

**\*\*Discrepancy\*\***

Instrument air filters due replacement.

Replaced instrument air filters.

**\*\*Discrepancy\*\***

Pilots and Copilots shoulder harnesses frayed.

Removed harness assemblies for repair. Reinstalled in aircraft after repair by Aircraft Belts, Inc.

**\*\*Discrepancy\*\***

Forward evaporator blower defective.

Installed new blower motor operational check satisfactory.

**\*\*Discrepancy\*\***

Nose gear trunnion attach bolts loose.

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
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*Loyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



6

Retorqued nose gear trunnion attach bolts.

**\*\*Discrepancy\*\***

Nose gear retract bracket loose on drag brace.

Retorqued nose gear retract bracket attach bolts.

**\*\*Discrepancy\*\***

left and right inboard door rods loose at actuator attach.

Re-torqued and safetied left and right door attach rods.

**\*\*Discrepancy\*\***

Left and right main gear downlock cable tension low.

Re-tensioned down lock cables to spec.

**\*\*Discrepancy\*\***

Forward pressurization drain seal deteriorated on belly.

Replaced with new drain seal.

**\*\*Discrepancy\*\***

Nose wheel loose on axle.

Found axle nut bottoming on threads. Installed washer on axle and secured nose wheel. Safetied axle nut.

**\*\*Discrepancy\*\***

Corrosion in battery box.

Treated corrosion with bicarbonate of soda and painted battery box with acid proof paint.

**\*\*Discrepancy\*\***

Left wing fuel cap lanyards broken and one on the right broken.

Installed new lanyards.

**\*\*Discrepancy\*\***



# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
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*Loyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



7

Right engine outboard exhaust heat shield missing.

Installed new heat shield.

**\*\*Discrepancy\*\***

Right engine inboard exhaust chafing on engine mount.

Repositioned clamp.

**\*\*Discrepancy\*\***

Left engine cowl cracked at air inlet.

Installed doubler with structural adhesive and solid rivets.

**\*\*Discrepancy\*\***

Nose strut leaking.

Resealed nose strut. Re-serviced with hydraulic fluid and nitrogen.

**\*\*Discrepancy\*\***

Right main gear strut leaking.

Resealed right main strut. Re-serviced with hydraulic fluid and nitrogen.

**\*\*Discrepancy\*\***

Tow pin sheared.

Replaced pin with new pin.

**\*\*Discrepancy\*\***

Shimmy dampner leaking.

Resealed shimmer dampener.

**\*\*Discrepancy\*\***

Right cabin step cracked.

Removed right cabin entry step, repaired and reinstalled.

# 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



*Lloyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



**\*\*Discrepancy\*\***

Left engine outboard turbo wye clamp cracked in one segment..

Installed new clamp, torqued and safetied.

This aircraft is approved for return to service with respect to the work performed.

*Mark W Wiebe*  
Mark W Wiebe AP5618680731A

A/C Mod: BEEHCRAFT 58P N6731Z HRS: H2696.3 Date: 11/05/2013 WO# 24371

Removed all avionics, engine instruments, and fuel quantity gages. Fabricated new Instrument Panel & Installed it in aircraft, with new Garmin G-600, GTN750, 650, GTX 33ES ( 2 ea), GDL88D, GI-106A, GMA-35, Mid- Continent MD-41-1498W, Sigmatek 5000B-35 & JPI EDM 960 Primary Engine System.  
For further information see 337 dated this date. FAR 91-411 & 413 complied with this date. Aircraft will be weighed.

Megahertz Avionics, Inc.  
1949 Airport Dr  
Bakersfield, CA 93308  
FAA Approved Repair Station # D13R450L

Signed :

*Richard K. Cortz*  
Richard K. Cortz / President



# 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



*Loyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



Date: 11/25/2013; Aircraft: N6731Z; Type: BEECHCRAFT, 58P; S/N: TJ-255; Hobbs: 2719.60; Total Time: 2719.60;  
Engine 1 Type: TSIO-520-WB, S/N: 248248-R, Time: 341.00; Prop 1 Type: PHC-J3YF-2UF, S/N: ED3364, Time:  
50.60; Engine 2, Type: TSIO-520-WB, S/N: 518433, Time: 341.00; Prop 2, Type: PHC-J3YF-2UF, S/N: ED2153,  
Time: 50.60; Work Done At - Airframe Time: 2719.60,, Engine Time: 341.00,, Heater Time: 436.50,

Shop Order #: 16097, Closed: 11/29/2013

**\*\*Discrepancy\*\***

Left main tire worn.

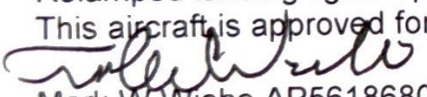
Jacked aircraft. Removed Right Main wheel/tire assembly from aircraft. Disassembled, cleaned and inspected wheel assembly. Reassembled with new 19.5x16.5-8 tire. Statically balanced wheel/tire assembly as required. Reinstalled assembly onto aircraft and safetied. Removed aircraft from jacks.

**\*\*Discrepancy\*\***

Left landing light inop.

Relamped landing light. Ops check good.

This aircraft is approved for return to service with respect to the work performed.

  
Mark W Wiebe AP561868073

# 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



*Loyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



Date: 2/13/2014; Aircraft: N6731Z; Type: BEEHCRAFT, 58P; S/N: TJ-255; Hobbs: 2760.40; Total Time: 2760.40;  
Engine 1 Type: TSIO-520-WB, S/N: 248248-R, Time: 381.80; Prop 1 Type: PHC-J3YF-2UF, S/N: ED3364, Time:  
91.40; Engine 2, Type: TSIO-520-WB, S/N: 518433, Time: 381.80; Prop 2, Type: PHC-J3YF-2UF, S/N: ED2153,  
Time: 91.40; Work Done At - Airframe Time: 2760.40,, Engine Time: 381.80,, Heater Time: 436.50,

Shop Order #: 16233

**\*\*Discrepancy\*\***

Removed right main tire and wheel. Inspected wheel and installed new Goodyear 19.5X6.75-8 tire and tube. Serviced with 80 psi of nitrogen and balanced. Packed wheel bearings and reinstalled on aircraft.

**\*\*Discrepancy\*\***

Brake linings worn.

Installed new brake linings on both right and left wheels.

This aircraft is approved for return to service with respect to the work performed.

Michael Pedersen A&P 2792777



# 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



*Loyd's* AIRCRAFT MAINTENANCE, INC.

P.O. Box 80958  
Bakersfield, California 93380



Date: 9/19/2014; Aircraft: N6731Z; Type: BEECHCRAFT, 58P; S/N: TJ-255; Hobbs: 2885.00; Total Time: 2885.00; Engine 1 Type: TSIO-520-WB, S/N: 248248-R, Time: 506.40; Prop 1 Type: PHC-J3YF-2UF, S/N: ED3364, Time: 216.00; Engine 2, Type: TSIO-520-WB, S/N: 518433, Time: 506.40; Prop 2, Type: PHC-J3YF-2UF, S/N: ED2153, Time: 216.00; Work Done At - Airframe Time: 2885.00,, Engine Time: 506.40,, Heater Time: 436.50,

Shop Order #: 16415

**\*\*Discrepancy\*\***

Left main tire worn.

Jacked aircraft. Removed main wheel/tire assembly from aircraft. Disassembled, cleaned and inspected wheel assembly. Reassembled with new tire and tube. Statically balanced wheel/tire assembly as required. Reinstalled assembly onto aircraft and safetied. Removed aircraft from jacks.

**\*\*Discrepancy\*\***

Nose tire worn.

Jacked aircraft. Removed nose wheel/tire assembly from aircraft. Disassembled, cleaned and inspected wheel assembly. Reassembled with new tire and tube. Statically balanced wheel/tire assembly as required. Reinstalled assembly onto aircraft and safetied. Removed aircraft from jacks.

This aircraft is approved for return to service with respect to the work performed.

Mark L Blackburn A&P3458706