

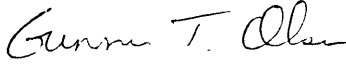
AIRCRAFT

LOG BOOK

N 552BS / LT 836

9-10-15 to 4-11-18

## 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 DISAPPROVING AIRCRAFT FOR SERVICE
		Date: 4/11/2018	Hobbs: 5096.8
		Reg#: N552BS	ACTT: 8011.8
		Serial#: LJ-836	Landings: 8426
		Model: C90	
		<p>Removed main wheel assemblies, rotated tires, reassembled wheels with new o-rings, and new brake discs, PN RA164-20900. Re-installed main wheel assemblies and installed new brake linings 066-09000. Work performed in Ref. CMM Ch. 32.</p> <p>Installed Diode PN 1N199A and new fuse for fuel crossfeed system. Ref WM 28-23-04 page 3. Operational check good.</p> <p>Performed troubleshooting of the pressurization system. Resecured loose line at T fitting just forward of center pedestal. Replaced section of plastic tubing along sidewall for Outflow Valve control. Work performed IAW Beech C90 AMM Ch. 21.</p>	
		 Gunner T. Olson	
		A&P 3153552	



- | DATE |  |
|------|--|
|      | 2. Removed Co-Pilot left Brake Master Cylinder PN: 90-380001-5 SN: 3693 and installed new Master Cylinder PN: 90-380001-23 SN: AWP4907. Bled and serviced brakes.  |
|      | 3. Replaced missing Landing Gear Service Placards with new, left and right MLG and NLG, PN: AE0085-1.  |
|      | 4. Removed and replaced Tail Beacon Bulb with new, PN: 1939X.  |
|      | 5. Repaired Tail NAV Light ground wire by soldering, operational check good.   |
|      | 6. Secured Vertical Tail De-Ice Boot lower edge with 1300L and conductive cement as required.  |
|      | 7. Removed and replaced two Annunciator Light Bulbs with new, PN: GE327.   |
|      | 8. Replaced missing outboard forward Anchor PN: 90-530029 and Spacer PN: 101-530421 on Aft Cabinet with new.   |
|      | 9. Replaced missing right mid Cabin Seat Stops with new, Screw PN: MS24696-S270, Washer PN: MS20002-C4, Spacer PN: 50534555-5 and Foot PN: 90-530029-17.   |
|      | 10. Removed and replaced Pilot Fuel Control Panel light bulbs, 4 each, with new, PN: 6838-1001.  |
|      | 11. Replaced missing Pilot and Co-Pilot Seat Stops with new, PN: 414-180657-3, 8 each.   |
|      | 12. Removed and replaced Co-Pilot Rudder Pedal inboard and outboard Bearings with new, PN: F-1123 and shimmed with new Washers, PN: 100951S031XW.  |
|      | 13. Removed and replaced left and right Aileron upper and lower Hinge Screws with new Screws, PN: AN525-10R9.  |
|      | 14. Removed and replaced left and right Oil Cooler Seals with new, PN: 50-910275-981.  |
|      | 15. Made minor repairs to left and right Oil Cooler Air Ducts by installing repair patches made from 2024T3 .032 Alum.   |
|      | 16. Removed Shimmy Damper, disassembled, cleaned, replaced o-rings with new, PN's: MS28775-116, MS28775-218, MS28775-216 and MS28775-111, reassembled, serviced with 5606 hydraulic fluid and reinstalled. |
|      | 17. Resealed Wing and Tail De-Ice Boot edges with conductive cement PN: 74-451-11.   |
|      | 18. Removed and replaced 2 Bolts with new, PN: NAS464P3A7, on left Wing Spar Cap, inboard side of Nacelle.   |
|      | 19. Troubleshoot left Propeller Heat not heating, found De-Ice Brush Wires crossed, corrected and ops check good.  |
|      | 20. Removed and replaced Cabin Door instruction Placard with new, PN: 100-430085-1.  |
|      | 21. Removed and replaced right Wing Tip Strobe Light Fence with new, PN: 000-170000-24U.   |
|      | 22. Removed right MLG Brake Calipers, disassembled, cleaned, resealed with new o-rings PN: MS28775-222 and Puck screw Seals 600-001-10, reassembled, reinstalled, bled and serviced Brakes.                |
|      | 23. Removed and replaced Nose Wheel Races with new, PN: 13836. Cleaned and repacked Nose Wheel Bearings.   |



DATE 3/13/2018  
REG N552BS  
MODEL C90  
SER # LJ-836

FALCON EXECUTIVE AVIATION, INC.  
4766 E. FALCON  
MESA, ARIZONA 85215  
FAA APPROVED REPAIR STATION NO. X0FR185J  
AIRFRAME LOG ENTRY

W.O. # SVC-8361  
HOBBS 5,093.8  
AFTT 8,008.8  
LANDINGS 8,422

RVICE

Inspection items accomplished:

1. Phase 1 & 2 Inspections in accordance with Beechcraft 90 Series Maintenance Manual.
2. Reviewed Airworthiness Directives through Bi-Week 2018-06 and compiled compliance records.
3. 12 month 14 CFR part 91.207 (d), ELT test and inspection, ELT ACK E-01 SN: 033508, removed and replaced ELT Batteries with new, PN: MN1300, next due Sept 2021.
4. 12 month Cabin Altitude Warning Switch inspection.
5. 12 month Pilot Fuel Control Panel and lower Edgelight Panel inspection.
6. 12 month Co-Pilot Edgelight Circuit Breaker Panel and wiring inspection.
7. 12 month left and right Wing upper and lower Spar Cap visual inspection.
8. Left and right Wing Bolt torque checks.
9. 12 month Cabin Portable Fire Extinguisher weigh check: 4 lbs. 14 oz.
10. 400 hour Evaporator Filter replacement with new, PN: 90-555101-0001.
11. 800 hour Instrument Air Filter replacement. Replaced with new, PN: EBG03-0018.
12. 2000 hour / 4 year Edgelighted Panel assemblies inspection.

Airworthiness Directives:

1. AD 2017-04-06 United Instruments, eff date 4/07/2017, not applicable by Pilot and Co-Pilot Alt. SN's.
2. AD 2017-11-11 Navworx ADS-B, eff date 7/11/2017, not applicable by no Navworx ADS-B installed.
3. AD 2017-16-01 Ameri-King ELT, eff date 10/24/2017, not applicable by ACK-E04 ELT installed.

Lubrication items accomplished:

1. 200 Hour lubrications.

Discrepancies corrected:

1. Removed Pilot left Brake Master Cylinder PN: 90-380001-5 SN: 3324 and installed new Master Cylinder PN: 90-380001-23 SN: AWP4831. Bled and serviced brakes.




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

DATE	9/25/2017	FALCON EXECUTIVE AVIATION, INC.	WO#	SVC-8021
REG	N552BS	4766 E. FALCON DR.	ACTT	5069.9
MODEL	C90	MESA, ARIZONA 85215	HOBBS	5069.9
SER #	LJ-836	FAA APPROVED REPAIR STATION NO. X0FR185J		

### AVIONICS LOG ENTRY

1. Removed Garmin GTX330 Transponder P/N 011-00455-00, S/N 84135173 and installed Garmin GTX330ES P/N 011-00455-60, S/N 84135173 ADSB Out Transponder after ES Upgrade by Garmin International CRS G6XR582Y. Ref: FAA 8130-3 WO RMA 98036831 dated 01 Sep 2017. Installed GTX330ES in existing GTX330 mounting rack using existing connector and transponder antenna. Power provided from avionics buss through existing 5 amp circuit breaker labeled "XPDNDER 2" located below copilots yoke. Configured existing Garmin GNS530W to provide GPS position data to GTX330ES.  
Pilot's Guide, Airplane Flight Manual Supplements and Instructions for Continued Airworthiness provided to owner. Installation was performed iaw associated Manufacturers Installation / Operation Manuals and Documents.
  2. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227.
  3. There is no change in aircraft Weight and Balance or electrical load. Ref: FAA Form 337 for further details.
  4. The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service. AUTHORIZED SIGNATURE:  CRSX0FR185J
- Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8021.
- 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	
DATE	9/5/2017	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-8021
REG	N552BS	4766 E. FALCON DR.	HOBBS	5057.0
MODEL	C90	MESA, ARIZONA 85215	AFTT	5057.0
SER #	LJ-836	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	8,428

### AVIONICS LOG ENTRY

1. Removed Garmin GTX330 Transponder P/N 011-00455-00, S/N 84135173 for upgrade to ES by Garmin international under RMA 98036381.
2. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service.

AUTHORIZED SIGNATURE: *Bruce Brown* CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8021.

-----FND-----

DATE:	9/5/2017	FALCON EXECUTIVE AVIATION, INC.	W.O. NO.:	SVC-8021
REG NO.:	N552BS	4766 E. FALCON DR.	HOBBS:	5057.0
MODEL:	C90	MESA, ARIZONA 85215	ACTT:	5057.0
SER NO:	LJ-836	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	8,428
<p>I certify that the transponder tests required by FAR 91.413 have been performed, this date, and that the Mode S Transponder meets the requirements of Appendix F of FAR Part 43 and paragraph (c), Appendix E.</p> <p>Transponder Model: GTX345    Transponder Serial No. 3EG008269</p> <p>AUTHORIZED SIGNATURE: <u><i>[Signature]</i></u> CRSX0FR185J</p> <p>Pertinent details of work accomplished on this aircraft are on file at this agency under the work order number above.</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	
DATE	9/5/2017	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-8021
REG	N552BS	4766 E. FALCON DR.	HOBBS	5057.0
MODEL	C90	MESA, ARIZONA 85215	AFTT	5057.0
SER #	LJ-836	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	8,428

### AVIONICS LOG ENTRY

1. **REMOVED:** Garmin GTX327 Transponder P/N 011-00490-00, S/N 83717060 and **INSTALLED:** Garmin GTX345 ADS-B Transponder P/N 011-03302-00, S/N 3EG008269 in Radio Panel at F.S. 97.3 iaw STC #SA01714WI. Connected to existing GNS530W GPS/NAV/COM, GDU 620 G600 Display, transponder antenna and coax. Altitude data is transmitted digitally from the G600 Flight Deck. Traffic and Weather are displayed on both GNS530W and G600. Power provided from avionics buss through existing 3 amp circuit breaker labeled "XPONDER" located on copilot's lower panel.  
  
Pilot's Guide, Airplane Flight Manual Supplements and Instructions for Continued Airworthiness provided to owner. Installation was performed iaw associated Manufacturers Installation / Operation Manuals and Documents. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227. Change in Aircraft Weight & Balance and electrical load is negligible. Ref: FAA 337 for further details.
2. Performed Garmin SB 1665, Rev B iaw Garmin SB 1664 by updating GDU 620 Software to Version 7.12 for G600 System. Provided FAA Approved AFMS 190-00601-01, Rev.L dated 17-Nov-2016 and ICA 190-00601-00, Rev. M dated 11/17/16.
3. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service.

AUTHORIZED SIGNATURE: *David Brown* CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8021.

-----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
DATE	9/1/2017	<b>FALCON EXECUTIVE AVIATION, INC.</b> 4766 E. FALCON MESA, ARIZONA 85215 FAA APPROVED REPAIR STATION NO. X0FR185J <b>AIRFRAME LOG ENTRY</b>	W.O. #
REG	N522BS		SVC-8052
MODEL	C90		HOBBS
SER #	LJ-836		5,057.0
			AFTT
			5,057.0 <i>84218</i>
			LANDINGS
			8,428
<b>Inspection items accomplished:</b>			
1. 1000 Cyc. / 30 Mo. Nose Gear Actuator End Play inspection. IAW King Air 90 Series MM 32-30-07-601.			
2. 1000 Cyc. / 30 Mo. left Main Gear Actuator End Play inspection. IAW King Air 90 Series MM 32-30-07-601.			
3. 1000 Cyc. / 30 Mo. right Main Gear Actuator End Play inspection. IAW King Air 90 Series MM 32-30-07-601.			
4. 1000 Cyc. / 30 Mo. Nose Gear Actuator lube. Lubricated with Royco 64. IAW King Air 90 Series MM 32-30-09-301.			
5. 1000 Cyc. / 30 Mo. left Main Gear Actuator lube. Lubricated with Royco 64. IAW King Air 90 Series MM 32-30-09-301.			
6. 1000 Cyc. / 30 Mo. right Main Gear Actuator lube. Lubricated with Royco 64. IAW King Air 90 Series MM 32-30-09-301.			
7. 1000 Cyc. Nose Gear Actuator Clevis Hole inspection. IAW King Air Series CMM 32-20-00.			
8. 1000 Cyc. left Main Gear Actuator Clevis Hole inspection. IAW King Air Series CMM 32-10-00.			
9. 1000 Cyc. right Main Gear Actuator Clevis Hole inspection. IAW King Air Series CMM 32-10-00.			
10. Performed Landing Gear Rigging after Gear Actuator removal and reinstallation. IAW King Air 90 Series MM 32-30-17-501.			
11. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. AUTHORIZED SIGNATURE: <i>[Signature]</i> CRS X0FR185J			
Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8052.			
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
--------------------	--------------------------	---	---

DATE	2/22/2017	FALCON EXECUTIVE AVIATION, INC.	W.O. #	SVC-7588
REG	N552BS	4766 E. FALCON	HOBBS	5005.8
MODEL	C90	MESA, ARIZONA 85215	AFTT	8380.6
SER #	LJ-836	FAA APPROVED REPAIR STATION NO. X0FR185J	LANDINGS	

### AIRFRAME LOG ENTRY

1. Removed Right center wing fuel sender and replaced gasket with P/N 15-423. Reinstalled fuel sender and fueled with 50 gallons. No leaks observed.
  2. Lubricated nose baggage door seal and lock mechanism. Function checked door handle satisfactory.
  3. Removed Gill G-6381E, S/N G02840305, charged and cap checked. Battery failed cap check at 21.0%. Top charged and installed new FAA/PMA Gill sealed battery P/N 7638-11, S/N G02936628.
  4. The work identified above was performed in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. AUTHORIZED SIGNATURE: Bruce Brown CRS X0FR185J
- Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-7588.


From: Bruce Brown [bruce@falconaviation.com](mailto:bruce@falconaviation.com) END  
 Subject: Battery Registration ID is 2677  
 Date: Mar 4, 2017, 9:41:12 AM  
 To: <[trmaz@cox.net](mailto:trmaz@cox.net)> [trmaz@cox.net](mailto:trmaz@cox.net)

Bob,

This is the Warranty Registration for the Gill Battery 7368-11 S/N G02936628 .

Bruce Brown  
 Falcon Executive Aviation  
 480-832-0704

## 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
		<p><i>MIKE WOYTENKO</i>  <i>1917 E. REDFIELD RD.</i>  <i>PHOENIX AZ 85012</i>  <i>602-545-4776</i></p> <p>N552BS C-90 S/N LJ-836 ACTT: 7920.8 Hobbs: 5005.8 2-25-2017 <i>Cyc</i></p>	
		Replaced RH inboard fuel bladder (40 gallon).	
		All inspections performed under the direction of, and limitations observed in accordance with Beech Maintenance Manual Chapter 5.	
		With regards to the work performed above I certify that this aircraft has been repaired/inspected in accordance with 14CFR91.409(f)(3) and is approved for return to service.	
		 Derrick Izor 3616039 AP	



# MAINTENANCE RECORD

MIKE WOYTENKO

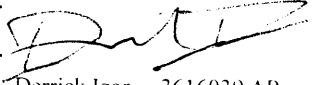
CO

N552BS C-90 S/N LJ-836 ACTT: 7902.2 Hobbs: 4987.2 ACTC: 8362 12-09-2016

- Complied with alternate inspection phases 3 and 4 in accordance with 90 series maintenance manual chapter 05-21-00. Tested ELT in accordance with 91.207(d). Batteries due 12/2017.
- Complied with 91.411/91.413 altimeter and pitot static checks. See log entry from Mesquite Avionics.
- Complied with **AD 89-25-10** dated 01-04-1990 by inspection of wing spar and fittings I/A/W SIRM chapter 57-13-01-04. NDT inspections performed by Canyon State Inspection Services. Next inspection due in 1000 hrs/3 years. This inspection complies with spar cap inspection, wing bolt torque inspection, nacelle splice plate inspection, and wing attach bolts inspection.
- Complied with replacement of lower forward wing bolts part #81784-14-32, nuts part# 81790-1414, washers part #50-105011 and #61475-14-43.5.
- Replaced nose steering spring part #111504-YD0800-2.
- Replaced nose gear tire 6.50x10x8.
- Replaced both starter generators with overhauled part #23048-018 left serial #14745 right serial #10646.
- Co-pilot gyro removed and overhauled by Flite Instruments and Avionics under work order 23187.
- Replaced (6) propeller de-ice brushes on both left and right side part #RA2111U-ROD.
- Replaced (8) brake pads on right main when part #066-09000.
- Installed overhauled left boost pump part #1D2-12 serial #9C648.
- Complied with cabin fire extinguishers weigh and check.
- Complied with cabin altitude warning check.
- Complied with pilot fuel panel and edge lighted panel check. Calibrated left fuel gage.
- Changed evaporator air filter part #90-555101-0001.
- Complied with 200 hour lubrication items.

All inspections performed under the direction of, and limitations observed in accordance with Beech Maintenance Manual Chapter 5

With regards to the work performed above I certify that this aircraft has been repaired/inspected in accordance with 14CFR91 and is approved for return to service.



Derrick Izor 3616039 AP

1917 E. REDFIELD RD.  
PILOTTOWN AZ 85022  
BOY = 226.4776



# MAINTENANCE RECORD F.A.R. 43.9

4-28-16

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

**ACES** AUTOMATIC CHECKING & IDENTIFICATION SYSTEM, INC. PO 8715

<b>FLAMMABILITY TEST REPORT</b>			
PART NUMBER 121115	CUSTOMER PERRONE AEROSPACE	PURCHASE ORDER 1-1210115	
<small>15 second Vertical Test per 14 CFR Part 25.853(a), Appendix F Part 1 (e)(1)(ii) through Amendment 25-11b and the FAA Materials Fire Test Handbook, DOT/FAA/AR-00/12, dated April 2000  <small>USA A/E/PAGES: 15 second After Flame Time, 8 inch Burn Length, 5 second Drip Burn Time</small> </small>			
<b>MATERIAL</b>			
PART NUMBER MGS-040	DESCRIPTION MIRAGE GS - EBONY	LOT 14057521	
<b>PRE-TEST DATA</b>			
CONDITIONING CHAMBER	DATE IN TIME 12/2/15	FLAME CALIBRATION 10:00 AM	TEMPERATURE 1550°F
<b>TEST RESULTS</b>			
COUPON	AFTER FLAME TIME (SECONDS)	BURN LENGTH (INCHES)	DROP BURN TIME (SECONDS) TEXTILE WEAVE DIRECTION
1	3.24	3.50	0.00
2	2.31	3.50	0.00
3	1.68	3.10	0.00
AVERAGE	2.41	3.37	0.00
1	4.11	3.60	0.00
2	2.76	3.40	0.00
3	2.15	3.40	0.00
AVERAGE	3.01	3.47	0.00
TEST COMMENTS NO DRIPS			
PASS / FAIL	DATE	TIME	TESTED BY
PASS	12/3/15	10:22 AM	<i>[Signature]</i>

# MAINTENANCE RECORD

## F.A.R. 43.9

*4-22-16*

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE



5047 East Roadrunner Drive, Mesa, AZ 85215  
Ph. (480) 832-1330 Fax (480)832-1186

Make	Model	Serial Number	Tail Number
Beech	C90	LJ-836	N552BS

The following interior refurbishment items were completed on this aircraft with materials conforming to CFR 23.853(a) and Arizona Aircraft Interior Designs approved processes.

DESCRIPTION	PART NUMBER	MATERIAL DESCRIPTION
Glareshield	MGS-4040	Perrone Aerospace Mirage GS - Ebony Ultra Leather

All work was performed in accordance with aircraft Maintenance Manual, illustrated Parts Catalog, AC 43.13-1B, AC43.13-2B and current FAA Regulations. It was found to be airworthy for return to service. Pertinent details are on file at this repair station under work order.

Inspected by: *Michael H. [Signature]* Date Inspected: 04/22/16 Work Order: 17253  
ARIZONA AIRCRAFT INTERIOR DESIGN, INC.  
FAA REPAIR STATION NO. LG3R656L

*SEE NEXT PAGE*

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

## *Flame-Out Inc.*

Flammability Test Center

Herb Reed II FAA DER CONSULTANT U13 North 2nd P.O. Box 96 Pleasant Dale, NE. 68423 (402)-795-5335 fax (402)-795-5336 EMAIL flameout14@gmail.com	Customer: AIP Date: 10/27/13 Aircraft: STOCK Customer PO#: SEND-IN Test #: 6278
--	---

**Vertical Flammability Results.**

- 14 CFR 23.853 (a) Appendix F (d)(3)(ii)
- 14 CFR 25.853 (a) Appendix F Part I (a)(1)(ii)

**Vertical (12 second) Burn Test**

Average self extinguish time may not exceed 15 seconds  
 Average burn length may not exceed 8"  
 Average dripping may not exceed 5 seconds after falling.

Material Description	Conditioning Room	
	Date	Time
AIP: OSCAR FAWN 1441 WOOL CARPET. ROLL# 0501302 THRU # 0501310.	in	10/24/13, 8:00 AM
	out	10/27/13, 10:20 PM

Sample	Flame Time (seconds)	Self Extinguish (seconds)	Burn Length (inches)	Drippings (seconds)
#1	12	0	.2	0
#2	12	0	.3	0
#3	12	0	.3	0
Average	12.00	0.00	0.27	0.00

Passed <input checked="" type="checkbox"/>
Failed <input type="checkbox"/>

*Herb Reed II*  
 Herb Reed II  
 FAA DER

## MAINTENANCE RECORD F.A.R. 43.9

*3-4-16*

<b>DATE OF COMPLETION</b>	<b>AIRCRAFT TIME IN SERVICE</b>	<b>DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED</b>	<b>AGENCY &amp; CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE</b>
---------------------------	---------------------------------	--	--



5047 East Roadrunner Drive, Mesa, AZ 85215  
Ph. (480) 832-1330 Fax (480)832-1186

<b>Make</b> Beech	<b>Model</b> C90	<b>Serial Number</b> LJ-836	<b>Tail Number</b> N552BS
----------------------	---------------------	--------------------------------	------------------------------

The following interior refurbishment items were completed on this aircraft with materials conforming to CFR 23.853(a) and Arizona Aircraft Interior Designs approved processes.

DESCRIPTION	PART NUMBER	MATERIAL DESCRIPTION
Cabinetry		Repair to aft divider sliding doors, side facing seat lower drawer slides and two (2) mid cabin tables.
Carpet Mats	1441	AIP Oscar Fawn Wool Carpet

All work was performed in accordance with aircraft Maintenance Manual, illustrated Parts Catalog, AC 43.13-1B, AC43.13-2B and current FAA Regulations. It was found to be airworthy for return to service. Permanent details are on file at this repair station under work order.

Inspected by: *Michael D. [Signature]* Date Inspected: 03/04/16 Work Order: 17237  
ARIZONA AIRCRAFT INTERIOR DESIGN, INC.  
FAA REPAIR STATION NO. LG3R656L

*SEE NEXT PAGE*



## RADIO & ELECTRONIC CHECKS

DA	TOTAL	EQUIPMENT	TYPE OF	ERROR OR	NEXT CHECK	CHECKED BY: SIGNATURE — CERT. NO.
----	-------	-----------	---------	----------	------------	--------------------------------------

N552BS C-90 S/N LJ-836 ACTT: 7803.7 Hobbs: 4888.7 ACTC: 8214 01-08-2016

- Complied with alternate inspection phases 1 and 2 in accordance with 90 series maintenance manual chapter 05-21-00.
- Tested ELT in accordance with 91.207(d). Replaced ELT battery packs. Batteries due 12/2017.
- Overhauled left brake actuator pucks by replacing packing and servicing. Installed new brake pads left side part# 066-09000.
- Replaced "inverter out" relay part# 50-380048-5.
- Replaced defective air conditioner motor with part# 100-384072-5 serial# 2884.
- Complied with cabin altitude warning check.
- Inspected cabin and cockpit fire extinguishers no defects noted.
- Complied with cleaning of pneumatic flow control solenoid filter.
- Complied with battery service and check.
- Complied with detailed aileron inspection.
- Complied with pilot fuel and sub panel inspection.
- Complied with edge lighted panels inspection.
- Complied with wing bolt torque check.
- Complied with 12 month spar cap inspection.
- Complied with 200/400/800/1200 hour lubrication items.
- Complied with 1200 hour pedestal lever stop pin inspection.

All inspections performed under the direction of, and limitations observed in accordance with Beech Maintenance Manual Chapter 14.

With regards to the work performed above I certify that this aircraft has been repaired/inspected in accordance with current Federal Aviation Regulations and is approved for return to service.



Derrick Izor 3616039 AP





RIGHT  
ENGINE LOG  
N552BS - LT 836  
7-10-10 to 3-13-18

DATE 3/13/2018  
REG N552BS  
P&W PT6A-21  
SER # PCE-24647

FALCON EXECUTIVE AVIATION, INC.  
4766 E. FALCON  
MESA, ARIZONA 85215  
FAA APPROVED REPAIR STATION NO. X0FR185J

W.O. # SVC-8361  
HOBBS 5,093.8  
AFTT 8,008.8  
LANDINGS 8,422

**RIGHT ENGINE LOG ENTRY**

TSN	CSN	TSOH	CSOH	TSHSI	CSHSI
7,967.8	8,408	4,486.3	5,927	205.1	208

**Inspection items accomplished:**

1. Phase 1 & 2 Inspections in accordance with Beechcraft 90 Series Maintenance Manual.
2. Reviewed Airworthiness Directives through Bi-Week 2018-06 and compiled compliance records.
3. Engine Minor inspection items IAW P&WC PT6A MM 3013242 Table 601 Periodic inspection.
4. 600 hour Fuel Pump Inlet Screen inspection.
5. 600 hour Fuel Pump Coupling In-Situ inspection.

**Discrepancies corrected:**

1. Removed Propeller, removed Crankshaft seal cover and Gasket, removed Crankshaft seal, cleaned residual oil from front of Engine, installed new Crankshaft seal PN: 3114661-01, reinstalled seal cover with new Gasket PN: 3116679-01, reinstalled Propeller and performed satisfactory ground operational check and leak checks.
2. Serviced Engine with 2 1/2 qts 2380 Turbine Oil.
3. All maintenance, ground runs, leak checks and ground operational checks have been performed in accordance with the applicable portions of the Pratt & Whitney Canada PT6A MM 3013242 rev. 45.0 dated 10 July 2017.
4. I certify that this Engine has been inspected in accordance with the instructions and procedures of a current Manufacturer's recommended inspection program, approved for 14 CFR Part 91.409(f)(3) and was determined to be in airworthy condition.

AUTHORIZED SIGNATURE: \_\_\_\_\_ CRS: X0FR185J


Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8361.

END



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
01-08-2016	4888.7	N552BS Right Engine S/N PCE-24647 SMOH: 4281.2 TC: 8023 TSHSI: 0.0 Hobbs: 4888.7 Complied with alternate inspection phases 1 and 2 in accordance with 90 series maintenance manual chapter 05-21-00. Complied with service bulletin 1196 R15. installation of spark ignition system. with kit as supplied by Prime Turbines. Overhauled igniter box installed part# 10-381550-4 serial# NNA06288376.. Installed overhauled fuel nozels as overhauled by Prime Turbines. Complied with hot section inspection in accordance with Pratt and Whitney maintenance/overhaul manual. Replaced vane ring part# 3032651 serial# 8M416 as overhauled by Prime Turbines. Complied with inspection of engine mount vibration isolators no defects found.  With regards to the work performed above I certify that this engine has been repaired/inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

  
Derrick Izor 3616039 AP

# INSPECTION & MAINTENANCE RECORD

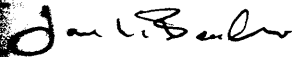
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

N552BS Right Engine S/N PCE-24647 SMOH: 4104.1 TC: 7900 TSHSI: 1103.8 Hobbs: 4711.6 12-20-2014

Complied with alternate inspection phases 3 and 4 in accordance with 90 series maintenance manual chapter 05-21-00.

Complied with 5 year flammable hose replacement. Hoses manufactured by Varga Enterprises under work order 29845.

With regards to the work performed above I certify that this engine has been repaired/inspected in accordance with current Federal Aviation Regulations and is approved for return to service.



Joe Bandin 3496042 AP


# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

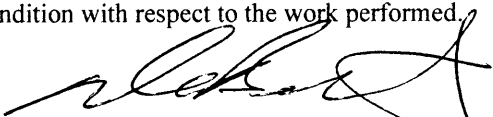
HONEST AIR INC  
1421 AIRPORT ROAD #110; BOULDER CITY, NV 89005  
702-798-1800=TEL FAX=702-798-1808

### LOG ENTRY— R/H ENGINE—DATE: 11-22-2013

A/C Model: King Air C90	Eng Make: Pratt+Whitney
A/C Reg: N552BS	Eng Model: PT6A-21
A/C S/N: LJ-836	Eng S/N: PCE-24647
ACTT: 7490.1	Eng TTSN: 7448.8
Hobbs: 4575.1	Eng TSO: 3967.6
A/C Cyc:	Eng TSHSI: 967.3
	Eng CSN: 7829

1. C/W Phase Inspection I+II per Beechcraft M.M.
2. C/W 400-hr fuel nozzle inspection, clean and flow by Dallas Airmotive.
3. Installed new glow plug, outbd position.
4. C/W turbine compressor wash.

I certify this engine has been inspected IAW Phase Inspections I + II per Beechcraft M.M. and was found to be in airworthy condition with respect to the work performed.

  
DEAN BENEDICT, A&P/AI 3050137


# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

## HONEST AIR INC

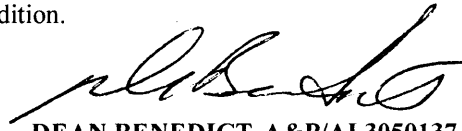
1421 AIRPORT ROAD #110; BOULDER CITY, NV 89005  
702-798-1800=TEL FAX=702-798-1808

### LOG ENTRY— R/H ENGINE—DATE: 11-7-2012

A/C Model: King Air C90	Eng Make: Pratt+Whitney
A/C Reg: N552BS	Eng Model: PT6A-21
A/C S/N: LLJ-836	Eng S/N: PCE-24647
ACTT: 7285.0	Eng TTSN: 7243.7
Hobbs: 4370.0	Eng TSO: 3762.5
A/C Cyc: 7879	Eng TSHSI: 762.2
	Eng CSN: 7688

1. C/W Phase Inspections III + IV per Beechcraft M.M.
2. Installed new glow plug, inboard position.
3. C/W compressor turbine wash.

I certify this engine has been inspected IAW a Phase III + IV Inspection per Beechcraft M.M. and was found to be in airworthy condition.



DEAN BENEDICT, A&P/AI 3050137



## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

<i>Date: 7-2-2012</i>	<i>N552BS</i>	
<i>Hobbs: 4336.0</i>		

Engine R/H

-Removed and replaced both igniters with new.

All work performed per Maintenance Manual. This engine is approved for return to service for the work performed.

Kurt Dow Campbell A&P 3055093

Transonic Aviation Services, 4702 E. Fighter Aces Dr. Mesa, AZ 85215





## INSPECTION & MAINTENANCE RECORD

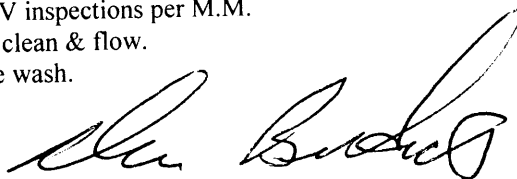
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

**HONEST AIR INC**  
1421-C Airport Road; Boulder City, NV 89005  
Phone 702-798-1800 Fax 702-798-1808  
**LOG ENTRY— R/H ENGINE—DATE: 10-8-10**

A/C Model: King Air C90  
A/C Reg: N6646R  
A/C S/N: LJ-836  
ACTT: 7083.0  
Hobbs: 4168.0  
A/C Cyc: 7678

Eng Make: Pratt & Whitney  
Eng Model: PT6A-21  
Eng S/N: PCE-24647  
Eng TTSN: 7041.7  
Eng TSO: 3560.5  
Eng TSHSI: 560.2  
Eng TCSN: 7487

1. C/W Phase I, II, III, & IV inspections per M.M.
2. C/W 400-hr fuel nozzle clean & flow.
3. C/W compressor turbine wash.



DEAN BENEDICT, A&P/AI 3050137




LEFT  
ENGINE LOG  
N 552 BS - LT 836  
7-1-10 to 3-13-18

DATE 3/13/2018  
REG N552BS  
P&W PT6A-21  
SER # PCE-24644

FALCON EXECUTIVE AVIATION, INC.  
4766 E. FALCON  
MESA, ARIZONA 85215  
FAA APPROVED REPAIR STATION NO. X0FR185J

W.O. # SVC-8361  
HOBBS 5,093.8  
AFTT 8,008.8  
LANDINGS 8,422

DAT

LEFT ENGINE LOG ENTRY

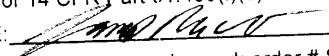
TSN	CSN	TSOH	CSOH	TSHSI	CSHSI
7,967.8	8,408	4,486.3	5,927	1,486.0	1,446

Inspection items accomplished:

1. Phase 1 & 2 Inspections in accordance with Beechcraft 90 Series Maintenance Manual.
2. Reviewed Airworthiness Directives through Bi-Week 2018-06 and compiled compliance records.
3. Engine Minor inspection items IAW P&WC PT6A MM 3013242 Table 601 Periodic inspection.
4. 600 hour Fuel Pump Inlet Screen inspection.
5. 600 hour Fuel Pump Coupling In-Situ inspection.

Discrepancies corrected:

1. Removed Propeller, removed Crankshaft seal cover and Gasket, removed Crankshaft seal, cleaned residual oil from front of Engine, installed new Crankshaft seal PN: 3114661-01, reinstalled seal cover with new Gasket PN: 3116679-01, reinstalled Propeller and performed satisfactory ground operational check and leak checks.
2. Serviced Engine with 2 1/2 qts 2380 Turbine Oil.
3. All maintenance, ground runs, leak checks and ground operational checks have been performed in accordance with the applicable portions of the Pratt & Whitney Canada PT6A MM 3013242 rev. 45.0 dated 10 July 2017.
4. I certify that this Engine has been inspected in accordance with the instructions and procedures of a current Manufacturer's recommended inspection program, approved for 14 CFR Part 91.409(f)(3) and was determined to be in airworthy condition.

AUTHORIZED SIGNATURE:  CRS: X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order # SVC-8361.

-----END-----







## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

N552BS Left Engine S/N PCE-24644 SMOH: 4104.1 TC: 7900 TSHSI: 1103.8 Hobbs: 4711.6 12-20-2014

Complied with alternate inspection phases 3 and 4 in accordance with 90 series maintenance manual chapter 05-21-00.  
Complied with 5 year flammable hose replacement. Hoses manufactured by Varga Enterprises under work order 29845.

With regards to the work performed above I certify that this engine has been repaired/inspected in accordance with current Federal Aviation Regulations and is approved for return to service.



Jose Bandin 3496042 AP




## INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

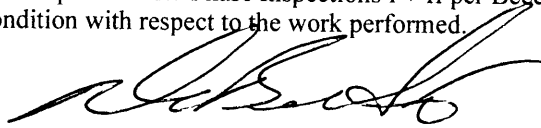
**HONEST AIR INC**  
1421 AIRPORT ROAD #110; BOULDER CITY, NV 89005  
702-798-1800=TEL FAX=702-798-1808

**LOG ENTRY— L/H ENGINE—DATE: 11-22-2013**

A/C Model: King Air C90	Eng Make: Pratt+Whitney
A/C Reg: N552BS	Eng Model: PT6A-21
A/C S/N: LJ-836	Eng S/N: PCE-24644
ACTT: 7490.1	Eng TTSN: 7448.8
Hobbs: 4575.1	Eng TSO: 3967.6
A/C Cyc:	Eng TSHSI: 967.3
	Eng CSN: 7829

1. C/W Phase Inspection I+II per Beechcraft M.M.
2. C/W 400-hr fuel nozzle inspection, clean and flow by Dallas Airmotive.
3. Installed new glow plug, inbd position.
4. C/W turbine compressor wash.

I certify this engine has been inspected IAW Phase Inspections I + II per Beechcraft M.M. and was found to be in airworthy condition with respect to the work performed.



**DEAN BENEDICT, A&P/AI 3050137**

## INSPECTION & MAINTENANCE RECORD


DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

**HONEST AIR INC**  
 1421 AIRPORT ROAD #110; BOULDER CITY, NV 89005  
 702-798-1800=TEL FAX=702-798-1808

**LOG ENTRY— L/H ENGINE—DATE: 11-7-2012**  
 A/C Model: King Air C90 Eng Make: Pratt+Whitney  
 A/C Reg: N552BS Eng Model: PT6A-21  
 A/C S/N: LLJ-836 Eng S/N: PCE-24644  
 ACTT: 7285.0 Eng TTSN: 7243.7  
 Hobbs: 4370.0 Eng TSO: 3762.5  
 A/C Cyclic: 7879 Eng TSHSI: 762.2  
Eng CSN: 7688

1. C/W Phase Inspections III + IV per Beechcraft M.M.
2. Installed new glow plug, inboard position.
3. C/W compressor turbine wash.

I certify this engine has been inspected IAW a Phase III + IV Inspection per Beechcraft M.M. and was found to be in airworthy condition.

  
**DEAN BENEDICT, A&P/AI 3050137**






# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

## HONEST AIR INC

1421-C Airport Road; Boulder City, NV 89005

Phone 702-798-1800 Fax 702-798-1808

LOG ENTRY— L/H ENGINE—DATE: 10-8-10

A/C Model: King Air C90

A/C Reg: N6646R

A/C S/N: LJ-836

ACTT: 7083.0

Hobbs: 4168.0

A/C Cyc: 7678

Eng Make: Pratt & Whitney

Eng Model: PT6A-21

Eng S/N: PCE-24644

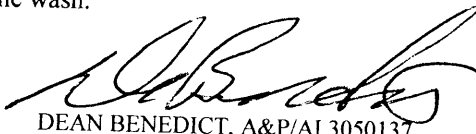
Eng TTSN: 7041.7

Eng TSO: 3560.5

Eng TSHSI: 560.2

Eng TCSN: 7487

1. C/W Phase I, II, III, & IV inspections per M.M.
2. C/W 400-hr fuel nozzle clean & flow.
3. C/W compressor turbine wash.



DEAN BENEDICT, A&P/AI 3050137





