

**EXTERIOR PAINT:**

**Matterhorn White K8042W**

**Regimental Blue 97U-4383**

**Umber 97U-4377**

**INSTRUMENT PANEL PAINT:**

**Castle Tan 9717-01**

**Key No. 2R089**

*STERLING PAINT (314) 776-4450*

*97U-4383 - 97U4377*


*AKZO-NOBEL -(847) 623-4200*

*K8042W*

# MAINTENANCE/INSPECTION ENTRIES

01

Aircraft Model 58 Serial Number TH-1964  
 Reg # N4482W Owner's Name \_\_\_\_\_

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
00	11	13	6.14 11 cycled	I Have Inspected This Aircraft And Issued A STANDARD Airworthiness Certificate Dated 11-13-2000.  Eugene Hainstock FOR RAYTHEON AIRCRAFT CO., DOA-230339-CE		
01	01	29	29.7 Hours	Complied with Honeywell Installation Bulletin #472 Alert. KC225 P/N 065-00183- 2501 S/N 1464 found to be in compliance. by <u>No mods being installed at this time.</u>	The maintenance operation described above was inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service Date <u>29 Jan 01</u> WO <u>A 563</u> Signed <u>P. S. Rudzik</u> Piedmont Aviation Services Inc., Norfolk, VA. Repair Station PIQR321K	
01	03	23	30.7	Replaced Propeller Sync. Indicator with new P/N 102-380024-1 S/N ON 661 S/N OFF 598. Installed new LH Lower Inbd Exhaust Tail Pipe Bolt P/N AN30-15 Spring P/N 186-218, and Nut P/N AN310-3 Engine Ground Run, Ops V Good.	The maintenance operation described above was inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service Date <u>23 Mar 01</u> WO <u>51846</u> Signed <u>[Signature]</u> Piedmont Aviation Services Inc., Norfolk, VA. Repair Station PIQR321K	



N4482W \$2098 Jun 01

1. UNITED STATES

2. FAA FORM 8130-3  
Airworthiness Approval Tag  
U.S. Department of Transportation  
Federal Aviation Administration

3. System Tracking Ref. No.  
0000127876-00008

4. Organization  
RAYTHEON AIRCRAFT COMPANY  
9709 EAST CENTRAL  
P O BOX 85  
WICHITA, KANSAS 67201-0085

5. Work Order Contract or Invoice Number  
4500402194-00001


6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
0001	SHAFT & CASING ASS Y	12527Y-63.31	TBV by Installer	1.000	N/A	NEW

13. Remarks  
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL

Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.

14. New  Newly overhauled   
Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.  
NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19. Return to service in accordance with FAR 43.9  
Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.

15. Signature  


16. FAA Authorization No.  
DOA230339CE

20. Authorized Signature

21. Certificate Number

17. Name (Typed or Printed)  
DENNIS DYE

18. Date:  
05/02/2001

22. Name (Typed or Printed)

23. Date:

### USER/INSTALLER RESPONSIBILITIES

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.



N 4482W S 2098-#2 6/1/01

1. UNITED STATES	2. <b>FAA FORM 8130-3</b> <b>Airworthiness Approval Tag</b> U.S. Department of Transportation Federal Aviation Administration	3. System Tracking Ref. No.  0000109297-00022
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4. Organization <b>RAYTHEON AIRCRAFT COMPANY</b> 9709 EAST CENTRAL P O BOX 85 WICHITA, KANSAS 67201-0085	5. Work Order Contract or Invoice Number  5500007315-00001
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6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
0001	PROP SYNC INDICATO R	102-380024-1	TBV by Installer	1.000	0783	NEW

13. Remarks  
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL

*Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.*

14. New <input checked="" type="checkbox"/> Newly overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.  NOTE: In case of parts to be exported, the special requirements of the importing country have been met.	19. Return to service in accordance with FAR 43.9  Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.
---	---

15. Signature 	16. FAA Authorization No.  DOA230339CE	20. Authorized Signature	21. Certificate Number
17. Name (Typed or Printed)  STEVE A. MERICLE	18. Date:  02/21/2001	22. Name (Typed or Printed)	23. Date:

**USER/INSTALLER RESPONSIBILITIES**

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The FAA form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

N4482W

1. UNITED STATES

\$2098

June 2001

2. FAA FORM 8130-3

Airworthiness Approval Tag  
U.S. Department of Transportation  
Federal Aviation Administration

3. System Tracking Ref. No.

0000122466-00001

4. Organization

RAYTHEON AIRCRAFT COMPANY  
9709 EAST CENTRAL  
P O BOX 85  
WICHITA, KANSAS 67201-0085

5. Work Order Contract or Invoice Number

4500232532-00001

6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
0001	DOOR ASSEM MAIN LD G GR	35-815055-215	TBV by Installer	1.000	N/A	NEW

13. Remarks

AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL

Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.

14. New  Newly overhauled

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19. Return to service in accordance with FAR 43.9

Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.

15. Signature

16. FAA Authorization No.

DOA230339CE

20. Authorized Signature

21. Certificate Number

17. Name (Typed or Printed)

RALPH CANALE

18. Date:

04/09/2001

22. Name (Typed or Printed)

23. Date:

USER/INSTALLER RESPONSIBILITIES

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

FAA Form 8130-3 (11-93)

\*(Optional) Installer must cross check eligibility with applicable technical data.



**HAGERSTOWN AIRCRAFT SERVICES, INC.**  
**CERTIFIED REPAIR STATION: CRS H5GR0500**  
**14235 OAK SPRINGS ROAD • HAGERSTOWN, MD 21742 • 301/733-7604**

**04**

Date October 5, 2001 N 4482W Serial No. TH-1964  
 Model Raytheon 58 Hobbs 135.6 W.O. 0110441

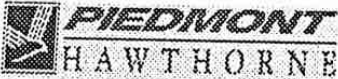
Sanded, primed, and repainted vertical fin and rudder as per original. Rudder was removed, balance checked, and reinstalled after painting. All work was performed in accordance with the mfgs. maint. manual and current FARs. Aircraft is approved for return to service in respect to the work performed. See work order for pertinent details.

*Tracey L. Potter*

Tracey L. Potter  
 CRS # H5GR0500  
 Hagerstown Aircraft Services, Inc.

**LICENSE NUMBER**

D	Y.					
01	11	27	165.4	REMOVED KC225 FLIGHT CONTROL COMPUTER P/N 405-00183-2501, S/N 1464 & UNIT DOES NOT CONFORM TO SERVICE BULLETIN # 400 ALERT. UNIT HAS NO MODS APPLICABLE.		
				REINSTALLED SAME P/N; S/N. UNIT PASSES PFT, & GROUND TEST CHECKED GOOD STATIC SYSTEM, LEAK CHECK GOOD.		
				Approved by <i>[Signature]</i> Inspector for Piedmont Aviation Services, Inc. Norfolk, Va. <i>NO# A-9961</i> FAA Repair Station P10R321K		



Date: DECEMBER 3, 2001, Reg.# 4482W, Beech 58 S/N TH1964, W.O.# S2899.  
 Aircraft Total Time: 164.9, Hobbs 164.9.

Complied with Annual Inspection IAW Beechcraft Baron 58 Inspection Guide P/N 118662H.  
 AD's Researched thru 2001-22

1. Removed, cleaned, recharged and reinstalled Aircraft Batteries in Aircraft.
2. Installed missing terminal boot on battery terminal, P/N MS25171-2S.
3. Adjusted right hand inboard main landing door to prevent chaffing strut torque link. Landing gear operationally checks good.
4. AD84-26-02 C/W by replacing L/H & R/H Induction Air Filters, P/N 96-389005-1.
5. AD2001-17-13 DNA by Fuel Shutoff Valve model number.
6. AD76-07-12 DNA by L/H & R/H Ignition Switch date codes and manufacturer.
7. Loosen and retorqued both elevator trim tab rod pivot point bolts and recotter keyed.
8. Performed required first 100.0 hour wing bolt retorquing.
9. Changed L/H main landing gear tire. Removed P/N 025-338-0, S/N 9216P00511. Installed P/N 025-338-0, S/N 0018U00505.
10. Repositioned and retorqued interconnect clamp on outer R/H fuel cell interconnect.
11. Replaced torn R/H wheel outboard grease seal, P/N 154-03000.
12. Performed Aircraft lubrication IAW Beech 58 Baron Maintenance Manual.

---Continued---



MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			



Date: December 3, 2001, Reg.# N4482W, Beech 58 S/N TH1964. W.O.# S2899.  
Aircraft Total Time: 164.9, Hobbs 164.9.

Complied with Annual Inspection IAW Beechcraft Baron 58 Inspection Guide P/N 118662H.  
AD's Researched thru 2001-22

13. Performed Annual ELT Corrosion and Operational Inspection. No corrosion found and operational test OK IAW Requirements of FAR 91.207 (d), Replaced ELT Batteries, P/N 452-0130. BATTERIES DUE JULY 2003.
14. Replaced blown Air Conditioner fuse P/N AGC5.
15. Installed New L/H Oil Temperture Indicator P/N 102-380014-3, S/N G99816. Removed P/N 102-380014-3, S/N J99609 for sticking.
16. Installed New R/H Oil Temperture Indicator P/N 102-380014-3, S/N J98226. Removed P/N 102-380014-3, S/N A20432 for sticking.
17. Replaced L/H Landing Light Bulb with new P/N 4596.
18. Straightened front baggage door hold open bar.
19. Riverted loose nut plates on R/H Propeller Spinner Bulkhead.
20. Replaced broken Rudder Trim Tab Cable Guard below bellcrank, P/N 35-660033.
21. Applied RTV736 to chaffing oil lines below Starter on both Engines.
22. Retorqued bolts on L/H Engine exhaust slip joints.
23. Applied RTV736 pads to both lower Engine cowls to insolate throttle & mixture cables.
24. Wraped L/H engine ground wire with spiral wrap to prevent chaffing through throttle cable.
25. Applied RTV736 to Vacuum Pump cooling duct under Induction Air Scoop to isolate.
26. Replaced L/H & R/H aft fuel cell sump drains, P/N 710C-4X.
27. Vacuumed under all floor boards.
28. Properly secured wire bundle forward of front wing spar in cockpit.
29. Straightened up and removed excess metal on inboard side of forward baggage door.
30. Applied RTV736 Pad to #5 Cylinder Rocker Arm Cover where L/H Engine cowl chaffed.
31. Modified L/H Vacuum Pump air scoop to prevent from chaffing upper engine cowl.
32. Removed leaking L/H Propeller Governor P/N 96-3800030-13 S/N 12191082 and installed New Governor P/N 96-3800030-13 S/N 13041456. Run-up checks good.

I INSPECTED THE MAKE/MODEL/SERIAL NUMBER Artex 1110-4 / 64197 ELT SYSTEM IN THIS AIRCRAFT ACCORDING TO APPLICABLE AIRCRAFT AND ELT MANUFACTURERS INSTRUCTIONS AND APPLICABLE FAA GUIDANCE AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207 (d). THE ELT BATTERY EXPIRES ON July 2003

I certify that this Aircraft has been inspected in accordance with Beech Baron 58 Annual Log Form Insp. Guide inspection and has been found airworthy  
DATE 12-3-01 W.O.# S2899  
Signature [Signature] for PIQR321K  
Piedmont Aviation Services, Inc. Norfolk, Va.






1. UNITED STATES

2. FAA FORM 8130-3

Airworthiness Approval Tag  
U.S. Department of Transportation  
Federal Aviation Administration

3. System Tracking Ref. No.

0000178508-00001

4. Organization

RAYTHEON AIRCRAFT COMPANY  
9709 EAST CENTRAL  
P O BOX 85  
WICHITA, KANSAS 67201-0085

5. Work Order Contract or Invoice Number

5600000358-00148

6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
0001	WARNING HORN	102-384040-5	TBV by Installer	1.000	2535	NEW

13. Remarks AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL

Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.

14. New  Newly overhauled   
Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

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15. Signature  


16. FAA Authorization No.  
DOA230339CE

20. Authorized Signature

21. Certificate Number

17. Name (Typed or Printed)

RALPH CANALE

18. Date:

12/06/2001

22. Name (Typed or Printed)

23. Date:

USER/INSTALLER RESPONSIBILITIES

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1. UNITED STATES		2. <b>FAA FORM 8130-3</b> Airworthiness Approval Tag U.S. Department of Transportation Federal Aviation Administration			3. System Tracking Ref. No. 0000061679-00003	
4. Organization <b>RAYTHEON AIRCRAFT COMPANY</b> 9709 EAST CENTRAL P O BOX 85 WICHITA, KANSAS 67201-0085				5. Work Order Contract or Invoice Number 4500223535-00001		
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
0001	CONNECTOR	MS3106E12S3S	TBV by Installer	1.000	N/A	NEW
13. Remarks AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL <i>Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.</i>						
14. New <input checked="" type="checkbox"/> Newly overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to service in accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature <i>R. H. Taylor</i>		16. FAA Authorization No. DOA PC #8		20. Authorized Signature		21. Certificate Number
17. Name (Typed or Printed) R H TAYLOR		18. Date: 09/07/2000		22. Name (Typed or Printed)		23. Date:

**USER/INSTALLER RESPONSIBILITIES**

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FAA Form 8130-3 (11-93)      \*(Optional) Installer must cross check eligibility with applicable technical data.

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model 58 Serial Number TH-1964  
 Reg # N4482W Owner's Name Marcy Thomas

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y M D	HOURS			

6101 Burton Station Rd.  
 Norfolk, VA 23502  
 (757) 857-3413



CRS# PIQR321K  
[www.flypiedmont.com](http://www.flypiedmont.com)

Aircraft # N4482W  
 Make Raytheon  
 Serial # TH-1964

Ref. WO # S3809

Aircraft Time: 245.6 TTAF  
 Model 58  
 Date: 18 June 2002

- Swapped CHT/EGT Indicators, P/N 58-380104-5. Current L/H S/N F99692, R/H F98260.
- Sealed Forward Baggage Compartment door using Dow Corning 732 Sealant.

The maintenance operations described above were performed and inspected in accordance with the applicable rules of 14CFR part 43, and with respect to the work performed, this aircraft is approved for return to service.

Signed: Roland Grogan

CRS# PIQR321K

02	07	18	259.2	Hobbs.		
				Removed GNS530 P/N 011-00550-00 S/N 78300324 and installed Garmin Loancr Unit S/N 78302275. Configured and calibrated IAW Garmin Install Manual. System ground checks good.		
				The maintenance operation described above was inspected, and with respect to the work performed, the aircraft and/or component is approved for return to service.		
				Date <u>7/16/02</u> WO <u>A1249</u> Signed <u>R. Kudrik</u> Piedmont Aviation Services Inc., Norfolk, VA Repair Station PIQR321K		

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model 58 Serial Number TH-1964  
Reg # N4482W Owner's Name Thomas

DATE TIME ENTRIES MAY BE ON MULTIPLE INSPECTOR'S LICENSE  
Y M D HOURS LINES IF REQUIRED SIGNATURE NUMBER



**PIEDMONT**  
AVIATION SERVICES, INC.  
Norfolk International Airport  
PIQR321K

Date: 8/2/02 T.T. 268.7 Hobbs Make: Beech Model: 58  
Serial No. TH-1964 Reg. No. N4482W Engine Make: \_\_\_\_\_  
Engine Model: \_\_\_\_\_ Engine Serial Number: \_\_\_\_\_

The aircraft or engine log book was not available. This form is to be attached to the log book and becomes part of the permanent records. The following work was performed.

Removed former GNS530 and installed repaired  
GNS530 P/N 011-00550-00 S/N 78300324. Configured  
+ calibrated unit. System ground checks good TAW  
Garmin Installation Manual

Signature R. Ludvik Certificate No. PIQR321K  
PAS-N007



**PIEDMONT**  
HAWTHORNE

Piedmont Hawthorne Aviation  
Norfolk International Airport  
FAA Repair Station PIQR321K

Date: OCT 2 <sup>WOODS</sup> T.T. 300.4 Acft. Mfr. Beech Model BATON 58 S/N TH 1964

Reg. No. 4482W, Eng. Mfr. \_\_\_\_\_, Eng. Model \_\_\_\_\_, Eng. S/N \_\_\_\_\_

The aircraft or engine logbook was not available. This form is to be attached to the logbook and becomes part of the permanent records. The following maintenance was performed:

Installed new terminal end on resistor at  
Alternator control relay ops OK OK  
Reinstalled LH Alternator and Alternator Control  
unit after troubleshooting. Operations and heat  
checks All good. Ref. W.O. \$4290

Signature A. J. Brea Certificate No. CRS PIQR321K  
PHA-N-007

Incorrect





1200 E. 151st Street  
Olathe, KS 66062

# FAA UNIT SERVICE REPORT

PH: (913) 397-8200

Fax: (913) 397-0836

<b>RMA NUMBER</b> 314874	<b>UNIT NAME</b> GNS530	<b>SERIAL NUMBER</b> 78300324	<b>UNIT NUMBER</b> 011-00550-00
<b>SERVICE START DATE</b> 7/23/02	<b>SERVICE COMPLETION DATE</b> 7/29/02	<b>RETURNED TO SERVICE BY</b> 305	<b>WARRANTY</b> <input checked="" type="checkbox"/>
			<b>DISCREPANCY CONFIRMED</b> <input checked="" type="checkbox"/>

Check Mark Indicates = YES  
Blank Indicates = NO

### UNIT DISCREPANCY

RH knob jams up after turning right about 15 clicks.

## DOMINION AVIATION

FAA CERTIFIED REPAIR STATION #ODAR018H  
7511 AIRFIELD DRIVE  
RICHMOND, VA  
(804) 271-7793

<b>REGISTRATION</b>	4482W	<b>MODEL NUMBER</b>	B58
<b>TOTAL TIME AIRFRAME</b>		<b>SERIAL NUMBER</b>	TH1964
<b>TOTAL TIME ENGINE</b>		<b>TSMOH</b>	
<b>TOTAL TIME PROPELLER</b>		<b>TACH</b>	
<b>AIRFRAME</b>	X	<b>HOBBS</b>	0362.9
<b>ENGINE</b>		<b>DATE</b>	4/4/2003
<b>PROPELLER</b>		<b>WORK ORDER NUMBER</b>	12634

Inspected Nose Landing Gear after Bird Strike. Straightened right Gear Door Bend. Cleaned bird remains. No other defects noted.  
Performed Landing Gear Retraction Test. No defects noted.

The maintenance described above was performed and inspected in accordance with current FAA regulations and is approved for return to service. Details on file at this facility.

Signature: *Robert Murray* Date: 4/4/03

### FAA Approved Product

This appliance has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. The details of the repairs to this appliance are on file at this repair station under the above listed RMA Number

*Tran Hoang*  
Tran Hoang  
FAA Certified Repairman

7/29/02  
Date

2558208  
Certificate Number

FAA Repair Station Number  
G6XR582Y

\* All repaired or replaced GARMIN units have a 90-day warranty or the continuation of the 1-year warranty from the original purchase date, whichever is longer.



1200 E. 151st Street  
Olathe, KS 66062

### FAA UNIT SERVICE REPORT

PH: (913) 397-8200  
Fax: (913) 397-0836

<b>RMA NUMBER</b> 314874	<b>UNIT NAME</b> GNS530	<b>SERIAL NUMBER</b> 78300324	<b>UNIT NUMBER</b> 011-00550-00
<b>SERVICE START DATE</b> 7/23/02	<b>SERVICE COMPLETION DATE</b> 7/29/02	<b>RETURNED TO SERVICE BY</b> 305	<b>WARRANTY</b> <input checked="" type="checkbox"/> <b>DISCREPANCY CONFIRMED</b> <input checked="" type="checkbox"/>

Check Mark Indicates = YES  
Blank Indicates = NO

**UNIT DISCREPANCY**  
RH knob jams up after turning right about 15 clicks.

**REPAIR SUMMARY**  
Confirmed problem, replaced both rotary switches. Updated software to latest version and aligned unit to optimum performance. Unit passes its ATE tests and is operating within normal limits. OK to Return to service.

This unit complies with Mod 3 status per Service Bulletin NO. 0111.

The following documents are provided to reflect the changes in the unit's operation per the software update. These Documents are, Pilot's Guide and Reference GPN 190-00181-00 Rev "B", Sample Flight Manual Supplement GPN 190-00181-04 Rev "C", and ", Pilot's Guide Addendum GPN 190-00181-14 Rev "A". If you do not receive these documents please contact GARMIN's Product Support. This unit complies with GARMIN's Service Bulletins No. 0007, 0009, 0012, 0015, 0016, 0021, 0104, 0106, 0107, 0112, 0115, 0202, 0204, 0206, and 0211. It is the responsibility of the Installer to verify that the installation complies with the previous listed Service Bulletins. If this unit is part of a dual unit installation GARMIN recommends that both units have the same software levels. It is the responsibility of the installer to assess installation compatibility.

Thank You for Choosing GARMIN! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view GARMIN's web site at [www.garmin.com](http://www.garmin.com) for any update or product information. This unit has been repaired and tested to meet the requirements of the Maintenance Manual, part number 190-00181-05

#### FAA Approved Product

This appliance has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. The details of the repairs to this appliance are on file at this repair station under the above listed RMA Number

  
Tran Hoang  
FAA Certified Repairman

7/29/02  
Date

2558208  
Certificate Number

FAA Repair Station Number  
G6XR582Y

\* All repaired or replaced GARMIN units have a 90-day warranty or the continuation of the 1-year warranty from the original purchase date, whichever is longer.

ORD557  
PAGE 1

\*\*\*\*\*GARMIN INTERNATIONAL\*\*\*\*\* User: ORRKE  
RMA Receipt Traveler WSID: IN235

7/23/02  
15:49:54

RMA Number: 314874



RMA Type: W



Shipped from: 4077



Ship to:

1

Piedmont Aviation Services  
Accounts Payable  
6101 Burton Station Rd  
Box #3  
Norfolk  
VA 23502 USA

Piedmont Aviation Services  
6101 Burton Station Rd  
Norfolk  
VA 23502 USA

Home Phone:

Daytime Phone: 757 857 3410

NOTES: RH knob jams up after turning right about 15 click  
BLS 07/23/02  
ACC:G Chart not included/  
Original box/  
KO 07/23/02

PO: A1249 Issued Date.: 7/23/02 By: Betsy Stokes - QA/Customer Rep  
Receive Date: 7/23/02 By: Kevin Orr -Operation Disposition Date: \_\_\_\_\_  
Carrier: ARBN2D Ship Date: \_\_\_\_\_ AWB/Tracking #: \_\_\_\_\_

Line: 1  
Repair of GNS 530

Item: R530  
QTY:

1.000- U/M: EA Ext amt: .00

\*\*\*\*\*  
SEE SERVICE PARTS PRICE LIST FOR APPLICABILITY  
FAA TSO PART  
\*\*\*\*\*

? 78300324



Part: 010-00182-00



Ext amt: .00

<<< END OF RMA 314874 >>>

FAA

**Make: TCM**

**Model: IO -550C**

**Serial Number: 684407**

**Engine TT: 300.7**

**Work order: S4258**

1. Changed oil 12 qts. Aeroshell 15W50 and filter CH 48109.
2. Extracted oil sample.
3. Replaced both forward crankcase thru bolts with new p/n 652887-6.74 and 652887-6.96.
4. Adjusted fuel system pressures IAW TCM SID 97-3.
5. Run up and leak check normal.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Agency and is, for the work performed, approved for return to service. Pertinent details of are on file at this repair station under Work Order # S4258

Signed *[Signature]* Date 9-29-02  
Piedmont Hawthorne Aviation Inc. CRS# PIQR321K

**Make: Beechcraft**

**Model: 58**

**Reg. Number: N4482W**

**Serial Number: TH-1964**

**ACTT: 300.7**

**Work order: S4258**

1. Replaced right MLG tire p/n 025-338-0 s/n 1284W00302.
2. Replaced NLG tire p/n 301-016-006 s/n 21660326.
3. Replaced left wing strobe flash tube p/n 55-1221-1.
4. Replaces all brake pads p/n 66-44.
5. Replaced air-conditioning compressor p/n 36-555-003-3, serviced system with 3.6 lbs. Freon R-134A.
6. Replaced left alternator control unit p/n 102-384038-1 s/n 80272103.
7. Replaced right engine outboard exhaust support p/n 96-950013-9.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Agency and is, for the work performed, approved for return to service. Pertinent details of are on file at this repair station under Work Order # S4258

Signed [Signature] Date 9-29-02  
Piedmont Hawthorne Aviation Inc. CRS# PIQR321K



MAINTENANCE/INSPECTION ENTRIES

28  
08 h

Aircraft Model 58 Serial Number TH 1964  
 Reg # N4482W Owner's Name \_\_\_\_\_

DATE			TIME		ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y.	M	D	HOURS				
					 <b>PIEDMONT HAWTHORNE</b> Piedmont Hawthorne Aviation Norfolk International Airport FAA Repair Station PIQR321K	<u>58</u>  the log book ormed. <u>Tank</u>  <u>PIQR321K</u>	

**PIEDMONT HAWTHORNE**  
 Piedmont Hawthorne Aviation  
 Norfolk International Airport  
 FAA Repair Station PIQR321K

<sup>H666</sup>  
 Date 7/27/83 ~~TT~~ 357.6 Acft. Mfr. Beech Model 58 , S/N TH-1964

Reg. No. N4482W, Eng. Mfr. \_\_\_\_\_, Eng. Model \_\_\_\_\_, Eng. S/N \_\_\_\_\_  
 The aircraft or engine logbook was not available. This form is to be attached to the logbook and  
 becomes part of the permanent records. The following maintenance was performed:

Removed Turn-coordinator Beech P/N 58-380094-9  
S/N 2010-41 and installed like part S/N 2201-114.  
Unit ground checks good.

Signature  
 PHA-N-007

Robert S Rudzik Certificate No. PIQR321K

Date 10/02/83 T. 414.6 Acft. Mfr. BEECH Model 58 , S/N TH1964

Reg. No. N4482W, Eng. Mfr. \_\_\_\_\_, Eng. Model \_\_\_\_\_, Eng. S/N \_\_\_\_\_  
 The aircraft or engine logbook was not available. This form is to be attached to the logbook and  
 becomes part of the permanent records. The following maintenance was performed:

REMOVED BAD TURN COORDINATOR MODEL 13947100-32B  
P/N 58-380094-9 S/N 2201-114. RECEIVED AND INSTALLED  
NEW EXCHANGE TURN COORDINATOR P/N 58-380094-9  
S/N 2212-388 SYSTEM GROUND CHECKS GOOD



Signature  
 PHA-N-007

Angus P. McQuinn Certificate No. PIQR321K  
W0#A-1769

# MAINTENANCE/INSPECTION ENTRIES

25  
08 h

Aircraft Model 58 Serial Number TH 1964  
 Reg # N4482W Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS	
 <b>PIEDMONT</b> AVIATION SERVICES, INC. Norfolk International Airport PIQR321K				
Date <u>6/19/03</u> T.T. <u>382.7</u> Make: <u>Beech</u> Model <u>58</u> Serial No. <u>TH-1964</u> Reg. No. <u>H482W</u> Engine Make. _____ Engine Model: _____ Engine Serial Number: _____ The aircraft or engine log book was not available. This form is to be attached to the log book and becomes part of the permanent records. The following work was performed: <u>Removed + Replaced Right Tip Tank To Wing Tank</u> <u>Interconnected Tube P/N 2F1-3-H13106</u> <u>S/N off 00-20918 S/N on 00-31544</u> <u>Leak Check Normal Ref 60 \$5463</u> Signature <u>[Signature]</u> Certificate No. <u>CRS PIQR321K</u> PAS-N007				
 <b>PIEDMONT</b> HAWTHORNE Piedmont Hawthorne Aviation Norfolk International Airport FAA Repair Station PIQR321K				
Date <u>10/02/03</u> T.T. <u>414.6</u> Acft. Mfr. <u>BEECH</u> Model <u>58</u> S/N <u>TH1964</u> Reg. No. <u>N4482W</u> , Eng. Mfr. _____, Eng. Model _____, Eng. S/N _____ The aircraft or engine logbook was not available. This form is to be attached to the logbook and becomes part of the permanent records. The following maintenance was performed: <u>REMOVED BAD TURN COORDINATOR MODEL 1394T100-32B</u> <u>P/N 58-380094-9 S/N 2201-114. RECEIVED AND INSTALLED</u> <u>NEW EXCHANGE TURN COORDINATOR P/N 58-380094-9</u> <u>S/N 2212-388 SYSTEM GROUND CHECKS GOOD</u>				

Signature [Signature] Certificate No. PIQR321K  
 PHA-N-007 WO#A-1769

## MAINTENANCE/INSPECTION ENTRIES


**PIEDMONT AVIATION SERVICES INC**

Roanoke Regional Airport • 22 Waypoint Drive NW • Roanoke, VA 24012

REPAIR STATION #PIYR320K

№:	4482W	S/N:	1H-1964	DATE:	12-17-02	HOURLMETER:	327.0	ACTT:	327.0
----	-------	------	---------	-------	----------	-------------	-------	-------	-------

Performed a Annual Inspection using Beechcraft Inspection form, P/N 118663H, as a guide. Complied with SB 27-3459-0, found proper gust lock installed and complete condition. Adjusted nose gear up tension. Adjusted left and right main gear up cable tensions. Adjusted left main gear up lock roller clearance. Tightened right wing tip fuel line clamps. Serviced left and right propeller dome. Replaced right propeller governor control rod end. Reinstalled left engine fuel flow transducer bracket after repair. Cleaned and adjusted propeller de-ice brushes. Installed new ELT battery. Replaced pressure system filters. Replaced the forward bolt in the nose gear retract rod. Reattached aft baggage door seal. Tightened loose hardware in the right main gear inboard door. Replaced all fuel cap o-rings. Torqued screws in the left wing leading edge fuel cell transmitter. Replaced left engine throttle control rod end. Adjusted landing gear interrupt switches in the pedestal. -END-

 I inspected the Artex ELT 110-4, S/N 64197 ELT

system in this aircraft according to applicable Aircraft and ELT manufacture's instructions and applicable FAA guidance and found that it meets the requirements of FAR 91.207(d). The ELT battery expires on 12-04.

In reference to the work listed above, this aircraft was found in Airworthy condition and was approved for return to service.

 I. A. 230802846

 W.O.# S002933

 DATE 12-17-02 ACTT 327.0

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

 APPROVED BY: [Signature]

 I. A. 230802846

 W.O.# S002933

 Date 12-17-02 ACTT 327.0

**PIEDMONT AVIATION SERVICES INC**

Roanoke Regional Airport • 22 Waypoint Drive NW • Roanoke, VA 24012

REPAIR STATION #PIYR320K

№:	4482W	S/N:	1H-1964	DATE:	12-23-03	HOURLMETER:	434.9	ACTT:	434.9
----	-------	------	---------	-------	----------	-------------	-------	-------	-------

Performed a Annual Inspection using Beechcraft Inspection form, P/N 118663H, as a guide. Replaced the left and right main tires. Replaced the nose tire. Adjusted the instrument air filter. Replaced the right taxi light bulb. Installed two vacuum pumps P/N 442CW012, S/Ns 110548 in the left position, and 110546 in the right position, both overhauled by Rapco Inc. Replaced all left and right pressure system filters. Replaced the right engine outboard exhaust support strut. Replaced the left and right engine fuel flow transmitter mount brackets. Replaced the air conditioner clutch fuse. Dressed the left and right propellers. Serviced the left and right propeller accumulators. Replaced the left and right wing fuel sump drains. Replaced the left fuel strainer drain valve. Replaced the left and right wing fuel cap o-rings. Replaced the left engine exhaust support clamp brackets. Lubricated and adjusted the overhead fresh air control. Shimmed the nose gear torque links. -END-

 I inspected the Artex ELT 110-4, S/N 64197 ELT

system in this aircraft according to applicable Aircraft and ELT manufacture's instructions and applicable FAA guidance and found that it meets the requirements of FAR 91.207(d). The ELT battery expires on 12-04.

In reference to the work listed above, this aircraft was found in Airworthy condition and was approved for return to service.

Alfred L. Revels

Inspector for Piedmont Aviation Services, Inc.

Roanoke, VA. RS-PIYR320K

 W.O.# S003794

 DATE 12-23-03 ACTT 434.9

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

 APPROVED BY: [Signature] / Alfred L. Revels

Inspector for Piedmont Aviation Services, Inc.

Roanoke, VA. RS-PIYR320K

 W.O.# S000115

 Date 12-23-03 ACTT 434.9



6101 Burton Station Rd.  
Norfolk, VA 23502  
(757) 857-3413

<http://www.flypiedm.com/orf/>

Reference WO# S6495

Aircraft #	4482W	Landings		Total Time	449.2
Make:	Raytheon			Hobbs	449.2
Model:	58			Tach	
S/N:	TH-1964				

1. Removed right propeller governor and re-installed after bench check by CRS# YX4R690M. Replaced prop control cable rod-end with a new P/N 131765-1F. Run-up and leak check normal.

The maintenance operations described above were performed and inspected in accordance with the applicable rules of 14CFR part 43, and with respect to the work performed, this aircraft is approved for return to service.

Signed: [Signature] Date: 3/23/04 CRS# PIQR321K



6101 Burton Station Rd.  
Norfolk, VA 23502  
(757) 857-3413

<http://www.flypiedm.com/orf/>

Reference WO# S7430

Aircraft #	N4482W	Landings		Total Time	516.5
Make:	Beechcraft			Hobbs	516.5
Model:	58			Tach	
S/N:	TH-1964				

1. Removed and replaced right alternator out sensor with a new P/N 36-380000-11 S/N 80501916.

The maintenance operations described above were performed and inspected in accordance with the applicable rules of 14CFR part 43, and with respect to the work performed, this aircraft is approved for return to service.

Signed: [Signature] Date: 11/6/04 CRS# PIQR321K



6101 Burton Station Rd.  
Norfolk, VA 23502  
(757) 857-3413

<http://www.flypiedm.com/orf/>

Reference WO#:

Aircraft #	4482W	Landings		Total Time	
Make:	RAYTHEON			Hobbs	538.8
Model:	58			Tach	
S/N:	TH-1964				

Troubleshoot static system section by section and found a leak in the alternate static source valve. Removed p/n 58-380032. Installed new p/n 58-380032. Ran up static system and checked for leaks. System ground checks good.

The maintenance operations described above were performed and inspected in accordance with the applicable rules of 14CFR part 43, and with respect to the work performed, this aircraft is approved for return to service.

Signed: [Signature] Date: 1/4/05 CRS# PIQR321K




MAINTENANCE/INSPECTION ENTRIES



6101 Burton Station Rd. Norfolk, VA 23502 (757) 857-3413

http://www.flypiedmont.com/orf/

Reference WO# S7623

Aircraft #	N4482W	Landings	Total Time	538.8
Make:	Raytheon		HOBBS	538.8
Model:	58		DATE	3/9/05
S/N:	TH-1964			

1. Removed and replaced windshield hot plate assembly P/N 102-384017-9, S/N 05045H9853, S/N off 00046H9795, using new top lock strip 1 each P/N 102-364044-83, and 2 each P/N 102-364044-75 corner. Work performed in accordance with Raytheon Beechcraft Baron 55 and 58 Shop Manual. System operational checked normal.
2. Inspected ELT Artex Model 110-4, S/N 64197 in accordance with FAR 91.207(d) and is determined to be in airworthy condition. Installed new ELT battery P/N 452-0130. battery expires March 2007.
3. Inspected landing gear retract motor brushes and found to be in good condition. Commutator wear is 5/16" and brushes



Piedmont Hawthorne Aviation Norfolk International Airport FAA Repair Station PIQR321K

W.O. # A1902

Date 4/7/04

Date 3/16/04 HOBBS 449.2 Acft. Mfr. BEECH Model 58 S/N TH-1964

Reg. No. N4482W  
The aircraft comes par

Reg. No. N4482W Eng. Mfr. \_\_\_\_\_, Eng. Model \_\_\_\_\_, Eng. S/N \_\_\_\_\_  
The aircraft or engine logbook was not available. This form is to be attached to the logbook and becomes part of the permanent records. The following maintenance was performed:  
DUPLICATED RDR INOP FAULT CODE "IN FLT 6", VERIFIED WIRING WAS GOOD

REMOVE (No.) REMOVED ART 2000 P/N 071-01519-0101 S/N 5260 AND INDICATOR  
 9/4: 2402 IN 182A P/N 066-3084-32 S/P 25333 FOR BENCH CHECK & REPAIR.  
 KI-256 TROUBLESHOT TO BAD FUSE IN ART 2000, REPLACED FUSE P/N 036-00057  
 CHECKS - 0010, UNIT TESTED GOOD ON BENCH, REINSTALLED ART 2000 AND INDICATOR, SYSTEM TESTS GOOD ON GROUND

Signature PHA-N-007

Signature [Signature] Certificate No. PIQR 321 K

Raytheon Beechcraft Baron 55 and 58 Shop Manual.

23. Removed left engine TCM IO-550C, S/N 684407 for prop strike inspection. Installed engine TCM, IO-550C, S/N 684407 after disassembly, cleaning, inspection and repair by Teledyne Matituck Services Inc. WO#31329, FAA Repair Station #T10R507Y. Work performed IAW Raytheon Beechcraft Baron 55 and 58 Shop Manual.
24. Left prop deice pops CB after received & installed after overhaul. Corrected by troubleshooting and found lead from slip ring to prop aft bulkhead grounded to bulkhead with insulator on top, reversed insulator and lead. Deice system operationally checks normal.
25. Nose landing gear steering linkage has excessive play - Corrected by removing nose steering idler arm and pressed out bearing and pressed in new bearing P/N A779. Reinstalled idler arm and replaced worn devis bolt P/N AN24-25M and safetied as required with cotter pins. Nose gear steering ops check good.  
 ADs researched through Bi-Weekly 2005-05.  
 Researched and inspected Continuing Airworthiness items from aircraft records.

I certify that this Aircraft has been inspected in accordance with an Annual Inspection using the Raytheon Beech Baron 55 and 58 Shop Manual 100 Hour Checklist as a guide, and is determined to be in airworthy condition.

The maintenance operations described above were performed and inspected in accordance with the applicable rules of 14CFR part 43, and with respect to the work performed; this aircraft is approved for return to service.

Signed: [Signature]

Date: 3/9/05

CRS# PIQR321K

ER 18  
SER 018  
FL19



## MAINTENANCE/INSPECTION ENTRIES



6101 Burton Station Rd.  
Norfolk, VA 23502  
(757) 857-3413

<http://www.flypiedmont.com/orf/>

Reference WO# S7623

Aircraft #	N4482W	Landings	Total Time	538.8
Make:	Raytheon		HOBBS	538.8
Model:	58		DATE	3/9/05
S/N:	TH-1964			

1. Removed and replaced windshield hot plate assembly P/N 102-384017-9, S/N 05045H9853, S/N off 00046H9795, using new top lock strip 1 each P/N 102-364044-83, and 2 each P/N 102-364044-75 corner. Work performed in accordance with Raytheon Beechcraft Baron 55 and 58 Shop Manual. System operational checked normal.
2. Inspected ELT Artex Model 110-4, S/N 64197 in accordance with FAR 91.207(d) and is determined to be in airworthy condition. Installed new ELT battery P/N 452-0130. battery expires March 2007.
3. Inspected landing gear retract motor brushes and found to be serviceable. Minimum wear is 5/16" and brushes dimensions are well above minimum wear. Performed retraction check and checked normal.
4. Replaced pneumatic pressure system inlet filters with 2 each new P/N D9-14-5 filters.
5. **AD2004-25-16 Kelly Aerospace Combustion Heaters** does not apply by P/N of fuel regulator shut off valve installed.
6. **AD2004-21-05 Kelly Aerospace Combustion Heaters** due Nov 2006, or 200 TIS of combustion air heater.
7. Serviced left and right propeller accumulators to 38 PSI with nitrogen.
8. Retorqued oil breather tube support clamp on left engine.
9. Dressed, cleaned, prepped, and painted right propeller blades per Hartzell Manual 115N.
10. Replaced co-pilot's outboard lap belt with repaired unit P/N 504239-401-2255, Md 9600-22. Ops check good. Belt repaired by Aircraft Belts, Repair Station # YB1R632K, WO# 0063394.
11. Retorqued left engine inboard aft exhaust support bolt and safetied with cotter pin.
12. Right MLG lower torque link slightly chaffing inboard MLG door - Corrected by cleaning chaffed area and painted, adjusted gear door rod end bearing and applied anti-chaffing tape.
13. Replaced left brake rotor with new P/N 164-06106 rotor, and replaced brake pads with 6 each P/N 66-09700 pads and installed wheel assembly on aircraft. Work performed IAW Raytheon Beechcraft Baron 55 and 58 Shop Manual.
14. Removed shimmy damper, disassembled, cleaned, inspected and reassembled using new O-rings - 2 each P/N MS28775-012, 4 each P/N MS832481-115, and 2 each P/N MS28775-006 O-rings. Serviced with 5606 hydraulic fluid and reinstalled on aircraft. Work performed IAW Raytheon Beechcraft Baron 55 and 58 Shop Manual.
15. Removed batteries from aircraft, cleaned battery terminals, all hardware & battery exterior & cable terminals. Serviced both batteries with distilled water. Reinstalled batteries in aircraft.
16. Replaced missing Velcro on front spar cover & Landing Gear Emergency Gear Handle Cover.
17. Inspected and weight checked cabin fire extinguisher and found acceptable for service.
18. Replaced stripped rivnut on left engine inboard cowling.
19. Replaced left engine induction air filter with new P/N 96-389005-1 filter. **AD 84-26-02 Paper Induction Air Filter** due replacement again @ ACTT 1038.8.
20. Installed new heater fuel regulator shut off valve model # 44008, P/N 83D59-3, no S/N. Heater operationally checked normal.
21. Cleaned debris from belly of aircraft.
22. Removed left propeller Hartzell, PHC-J3YF-2UF, S/N ED4282B for prop strike inspection. Installed propeller PHC-J3YF-2UF, S/N ED4282B after overhaul by East Coast Propeller Service Inc, WO # ER-4756, CRS # E65R064Y. performed run-up and operationally checked normal. Work performed IAW Raytheon Beechcraft Baron 55 and 58 Shop Manual.
23. Removed left engine TCM IO-550C, S/N 684407 for prop strike inspection. Installed engine TCM, IO-550C, S/N 684407 after disassembly, cleaning, inspection and repair by Teledyne Matituck Services Inc. WO#31329, FAA Repair Station #T10R507Y. Work performed IAW Raytheon Beechcraft Baron 55 and 58 Shop Manual.
24. Left prop deice pops CB after received & installed after overhaul. Corrected by troubleshooting and found lead from slip ring to prop aft bulkhead grounded to bulkhead with insulator on top, reversed insulator and lead. Deice system operationally checks normal.
25. Nose landing gear steering linkage has excessive play - Corrected by removing nose steering idler arm and pressed out bearing and pressed in new bearing P/N A779. Reinstalled idler arm and replaced worn deice bolt P/N AN24-25M and safetied as required with cotter pins. Nose gear steering ops check good.  
ADs researched through Bi-Weekly 2005-05.  
Researched and inspected Continuing Airworthiness items from aircraft records.

**I certify that this Aircraft has been inspected in accordance with an Annual Inspection using the Raytheon Beech Baron 55 and 58 Shop Manual 100 Hour Checklist as a guide, and is determined to be in airworthy condition.**

The maintenance operations described above were performed and inspected in accordance with the applicable rules of 14CFR part 43, and with respect to the work performed; this aircraft is approved for return to service.

Signed: *A. H. Shea*

Date: 3/9/05

CRS# PIQR321K

**MAINTENANCE/INSPECTION ENTRIES**

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE			TIME			ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S	LICENSE
Y	M	D	HOURS	MIN	SEC			



1005 A Sycolin Road  
Leesburg Municipal Airport Leesburg, VA 20175  
Tel (703) 771-0188 FAX (703) 779-0435

CRS YBJR768L

Date 04/06/2005  
WO# S005644  
Registration N4482W  
Model 58  
S/N TH-1964  
Tach/Hobbs 546.6

REMOVED AND REPLACED 1/4 AMP FUSE FOR PROPELLER SYNC SWITCH. PERFORMED OPERATION CHECK. NO DEFECTS NOTED AT THIS TIME.

**MAINTENANCE RELEASE**  
MAKE ~~PIEDMONT~~ MODEL 58 SERIAL TH-1964  
THE AIRCRAFT-AIRFRAME-ENGINE-PROPELLER OR APPLI-  
ANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN  
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULA-  
TIONS AND WAS APPROVED FOR RETURN TO SERVICE PER-  
TINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS  
AGENCY UNDER  
WORK ORDER # S005644 DATE 04/06/05  
AUTH. SIGN [Signature] LICENSE 546.6  
PIEDMONT HAWTHORNE CRS YBJR 768L

**PIEDMONT HAWTHORNE AVIATION**

DATE: 4/26/05 MODEL: 58 S/N: TH-1964 TACH: 552.0 NH: N4482W W/O# H002541

REMOVED TURN AND BANK CORD. MODEL-1394T00-3ZB SN:2212-388 AND  
INSTALLED EXCHANGE MODEL-1394T100-7Z SN:2012-64. OPS CHECK  
GOOD. NO DEFECTS NOTED AT THIS TIME.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.  
APPROVED BY: [Signature] INSPECTOR FOR PIEDMONT  
HAWTHORNE AVIATION, WINSTON SALEM, N.C. REPAIR STATION # PAIR  
208A.

# MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

For FAA Use Only

**INSTRUCTIONS:** Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

<b>1. Aircraft</b>	Nationality and Registration Mark <b>N4482W</b>	Serial No. <b>TH-964</b>	
	Make <b>BEECHCRAFT</b>	Model <b>58</b>	Series
<b>2. Owner</b>	Name (As shown on registration certificate) <b>LUNAR PETROLEUM LLC</b>		Address (As shown on registration certificate) <b>4925 GREENVILLE AVE STE 915 DALLAS, TX 75206-4021 USA</b>

**3. For FAA Use Only**

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

**6. Conformity Statement**

<b>A. Agency's Name and Address</b> FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363	<b>B. Kind of Agency</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><input type="checkbox"/> U. S. Certificated Mechanic</td> <td style="width: 70%;"><input type="checkbox"/> Manufacturer</td> </tr> <tr> <td><input type="checkbox"/> Foreign Certificated Mechanic</td> <td><b>C. Certificate No.</b></td> </tr> <tr> <td><input checked="" type="checkbox"/> Certificated Repair Station</td> <td>RADIO CLASS 1-2-3</td> </tr> <tr> <td><input type="checkbox"/> Certificated Maintenance Organization</td> <td>DG2R767K</td> </tr> </table>	<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Foreign Certificated Mechanic	<b>C. Certificate No.</b>	<input checked="" type="checkbox"/> Certificated Repair Station	RADIO CLASS 1-2-3	<input type="checkbox"/> Certificated Maintenance Organization	DG2R767K
<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer								
<input type="checkbox"/> Foreign Certificated Mechanic	<b>C. Certificate No.</b>								
<input checked="" type="checkbox"/> Certificated Repair Station	RADIO CLASS 1-2-3								
<input type="checkbox"/> Certificated Maintenance Organization	DG2R767K								

**D.** I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U. S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <div style="text-align: center;"><i>Mark Pledger</i></div>	MARK PLEDGER 31-August-2018
--	---	--------------------------------

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is  Approved  Rejected


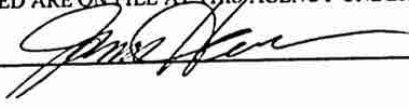

	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
BY	FAA Designee <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. DG2R767K	Signature/Date of Authorized Individual <div style="text-align: center;"><i>Mark Pledger</i></div>	MARK PLEDGER 31-August-2018
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MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

 <b>PIEDMONT HAWTHORNE</b> 1005 A Sycollin Road Leesburg Municipal Airport Leesburg, VA 20175 Tel (703) 771-0188 FAX (703) 779-0435	<b>CRS YBJR768L</b>	DATE: 5/18/05 R/N: N4482W MODEL: B 58 S/N: TH-1964 HOBBS: 0559.0 W/O: A002721	LICENSE NUMBER
		INSTALLED THE FOLLOWING EQUIPMENT: SKY497 TCAS PROCESSOR P/N 805-10800-001, S/N 82866, NY-164 TCAS ANTENNA P/N 805-10890-001, S/N 83384, MD26-28 26VAC INVERTER S/N M23218, COMMANT CI-222 ANTENNA S/N 4071770 AND PNE7300 CD PLAYER S/N G01727. UPDATED WEIGHT AND BALANCE INFORMATION SYSTEMS WERE RAMP CHECKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND WITH CURRENT FEDERAL AVIATION REGULATIONS AND AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER THIS WORK ORDER NUMBER.	
SIGNED 			
 <b>PIEDMONT HAWTHORNE</b> 1005 A Sycollin Road Leesburg Municipal Airport Leesburg, VA 20175 Tel (703) 771-0188 FAX (703) 779-0435	<b>CRS YBJR768L</b>	Date 5/20/2005 WO# S005766/S005723 Registration N4482W Model 58 S/N TH-1964 Tach/Hobbs 559.2 Total Time 559.2	
		Installed JP Instruments EDM760 graphic engine monitoring system in accordance with STC# SA00729SE issued 08-31-1999. Replaced both sunvisors with Rosen Sunvisor System Kit # RBB-300-1A in accordance with STC# SA3599NM issued 07-11-1986. Installed G&D Aero Products acrylic window liners in accordance with STC# SA4486NM issued 09-09-1988. Completed FAA form 337's and instructions for continued airworthiness. Revised aircraft weight and balance. Cleaned and lubricated heater iris valve. Replaced rear entry courtesy lamp with P/N 1495. Repositioned and secured nose baggage door lock assembly. Replaced heater fuel shut-off solenoid valve with a new unit. Installed PM nose radome erosion boot. Replaced aircraft battery with new Gill G25. Serviced airconditioning system with R134A freon. Performed operational check of all repaired systems referenced, no defects noted at this time.	
<b>MAINTENANCE RELEASE</b> MAKE <u>Raytheon</u> MODEL <u>58</u> SERIAL <u>TH1964</u> THE AIRCRAFT AIRFRAME-ENGINE-PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER: WORK ORDER # <u>S005766-5005723</u> DATE <u>05-20-05</u> AUTH SIGNATURE <u>LEP</u> TT <u>559.2</u> PIEDMONT HAWTHORNE CRS # YBJR768L			





# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y. M. D.	HOURS			



CRS YBJR768L

1003 A Sycolln Road  
 Leesburg Municipal Airport Leesburg, VA 20175  
 Tel (703) 771-0188 FAX (703) 779-0435

Date 09/27/2005  
 WO# S006097/S006098  
 Registration N4482W  
 Model 58  
 S/N TH-1964  
 Tach/Hobbs 602  
 Total Time 602

Removed wing deice boot from left wing. Inspected leading edge for structural damage from strike. No structural damage noted. Repaired small dent in leading edge with filler. Primed repair with zinc chromate. Installed new SMR Technologies deice boot p/n SMR5057-11, s/n 1010 on left wing. Sealed boot with Pro Seal PRC 1425B1/2. Applied conductive cement to edge of deice boot. Installed stall strip on leading edge of deice boot. Installation performed IAW SMR Technologies Installation Manual No. 97-33-047, Rev. 8, dated November 05, 2004. Installed new screws in overhead ventilation control trim panel and applied touch-up paint. Installed new screw and trim washer on interior trim panel below cabin entry door. Adjusted right kick-panel for fit and trimmed loose strands of carpet. Sealed cabin door striker plate on aft edge of door frame.

### MAINTENANCE RELEASE

MAKE Boeing MODEL 58 SERIAL TH-1964

THE AIRCRAFT AIRFRAME-ENGINE-PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER: WORK ORDER # S006097/S006098

DATE 9/27/05 AUTH SIGNATURE [Signature]  
 TT 602.0 PIEDMONT HAWTHORNE CRS # YBJR768L



CRS YBJR768L

1003 A Sycolln Road  
 Leesburg Municipal Airport Leesburg, VA 20175  
 Tel (703) 771-0188 FAX (703) 779-0435

DATE: 09/28/05  
 R/N: N4482W  
 MODEL: B 58  
 S/N: TH-1964  
 HOBBS: 602.0  
 W/O: A002865

FILLED STANDBY ADI'S KNOB CUTOUT IN PILOTS PANEL. ACTIVATED AIM 1100 PROVISIONS BY INSTALLING AIM 1100 P/N 504-0111-914 S/N 25513. SEE 337 FORM DATED 07/07/05. THIS SYSTEM WAS RAMP CHECKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND WITH CURRENT FEDERAL AVIATION REGULATIONS AND AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER THIS WORK ORDER NUMBER.

SIGNED \_\_\_\_\_



# MAINTENANCE/INSPECTION ENTRIES



CRS YBJR768L

Date: 9/28/05  
 Model: 58  
 Reg#: N4482W  
 Serial#: TH-1964  
 Hobbs: 602.0  
 W/O: S006097 Airframe

1005 A Sycolln Road  
 Leesburg Municipal Airport Leesburg, VA 20175  
 Tel (703) 771-0188 FAX (703) 779-0435

Removed plate that surrounds cabin door courtesy light switch and filed off material to prevent courtesy light switch plunger from contacting plate and preventing switch from closing. Reinstalled plate to forward door frame. Courtesy light system function check satisfactory.

CENSE  
UMBER

## MAINTENANCE RELEASE

MAKES Beech MODEL 58 SERIAL TH-1964

THE AIRCRAFT AIRFRAME-ENGINE-PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER: WORK ORDER # 302007

DATE: 09-28-05 AUTH SIGNATURE: [Signature]  
 602.00 PIEDMONT HAWTHORNE CRS # YBJR768L

AIRCRAFT: Beech Model: Baron 58 N4482W S/N: # TH-1964

TOTAL TIME 0665.1 hrs.

### MAINTENANCE RELEASE

1. REMOVED LEFT FLAP AS REQUIRED FOR PAINT.
2. REMOVED N NUMBER
3. PRIMED USING THE FOLLOWING PRODUCTS:
  1. PRIMER : #484-900 JET GLO.
  2. BASE: MATTERHORN WHITE 570-535.
  3. Replaced N number with vinyl temporary numbers.
  4. PER MANUFACTURE'S MAINTENANCE MANUAL, REINSTALL FLIGHT CONTROL.
3. REINSTALLED FLAP IAW MANUFACTURERS MAINT. MANUAL
  1. Form 8050-64 on file.

### MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

DATE: 03-13-06 SIGNED [Signature]  
 LEGENDS Bruce MacGregor 376709935 A&P

AIKEN MUNICIPAL AIRPORT  
 10 FORWARD COURT  
 AIKEN, SC 29805

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE TIME ENTRIES MAY BE ON MULTIPLE INSPECTOR'S LICENSE NUMBER  
 Y M D HOUR



DATE: 5/10/06 MODEL: 58 S/N: TH1964 TACH: 670.9 NH: 4482W W/O# 11002943  
 Performed an ANNUAL inspection using Raytheon Aircraft Baron 55, 58 Series  
 Maintenance Manual as a guide. Replaced fuel cap orings, replaced clamps on left wing  
 tip tank interconnect, inspected FLT S/N: 64197 per FAR 91.207(d) no defects noted  
 battery due 3/07, replaced left engine inboard exhaust brackets, replaced left and right  
 engine baffle supports a # 6 cylinders, C/W A.D. 84-26-02 inspected left induction air  
 filters no defects noted next insp. due @ 770.9 and due replacement @ 1038.8 replaced  
 right filter next insp. due 770.9 and replace @ 1170.9, replaced left engine fuel  
 transmitter bracket, replaced left main tire P/N: 025-338-0 S/N: 5122W, C/W S.B, 76-  
 3763R1 throttle warning switch inspection, replaced right engine outboard exhaust tail  
 pipe hardware. Performed ground operational checks no defects noted. END

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.  
 APPROVED BY: *Wayne MDO* INSPECTOR FOR  
 LANDMARK AVIATION, WINSTON-SALEM, N.C. REPAIR STATION # PAIR  
 208A.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE  
 WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN  
 AIRWORTHY CONDITION. PERTINENT DETAILS ARE ON FILE AT THIS  
 AGENCY.  
 APPROVED BY: *Wayne MDO* INSPECTOR FOR  
 LANDMARK AVIATION, WINSTON-SALEM, NC. REPAIR STATION # PAIR208A

LANDMARK AVIATION

DATE: 5/15/06 MODEL: 58 S/N: TH-1964 TT: HM: 0672.3 N# 4482W WO# A004768

Removed and replaced the pilot's autopilot disconnect switch. Ramp checked operation.  
 APPROVED BY: *John W. Hill* INSPECTOR FOR  
 LANDMARK AVIATION WINSTON-SALEM, N.C.  
 REPAIR STATION # PAIR208A



# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_  
 Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y M D	HOURS			

**Hawker Beechcraft Services FTY FAA CRS ERYR682D**  
 3992 Aviation Circle Atlanta Georgia 30336  
 404-699-9200

**N4482W SN: TH-1964 HOBBS: 869.3 Date: 05/25/2007**

1. Certified pilot altimeter KEA-130A p/n 066-03064-0005 s/n 31342 to 20,000 FT. IAW FAR 91.411 Part 43 App.E. Test Date 05/25/2007.
2. Certified transponder KT-76C p/n 066-01156-0101 s/n 11016 IAW FAR 91.413 Part 43 App.F. Test Date 05/25/2007.
3. Certified pitot-static system IAW FAR 91.411 Part 43 App. E. Test Date 05/25/2007.

I certify that with respect to the work performed this (*Airframe*) was repaired and inspected in accordance with current FAA regulations. Only those items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied. Details are on file under work order number: 11-05-4665

Authorized Signature: *Ron Cowles* Date: 05/25/2007  
 Ron Cowles CRS: ERYR682D

**BLUEMAX AVIATION MAINTENANCE**

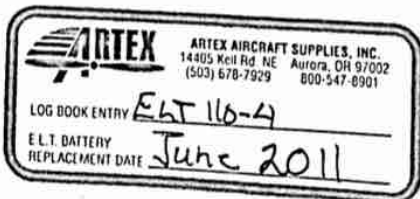
2700 FORT TRENHOLM RD.  
 JOHNS ISLAND, S.C. 29455  
 (843)-478-6185

Date: 6/4/2007 Model: BARON B-58  
 S/N: TH-1964 N#: N4482W  
 Hobbs:0877.7 Total Time: 0877.7

**Description of Work Performed:**  
 C/W an Annual Inspection, IAW FAR 43 appx. (d), and airframe maintenance manuals. Installed new main landing gear tire on LFT MLG, 650x8-8ply. Installed new NLG tire and tube, 500x5-6ply. Installed new brake linings LFT / RT MLG(12ea) P/N 66-44. Installed new brake calliper "O"-rings seals on LFT / RT MLG. Repaired LFT flap chaffing on wing. ELT BATTERY DUE DATE: JUNE/2009, C/W ELT check IAW FAR 91.207 (d). C/W SB 76-3763R1, Throttle position warning switch inspection. C/W AD84-26-02, Induction Air Filters Inspection; NEXT DUE: 0977.7; REPLACE LFT / RT FILTERS AT HOBBS:1038.8  
 NOTE: See updated AD listing for AD's.

I certify that this AIRFRAME has been inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.

*Wallace Sexton* A&P IA #250415742  
 Wallace Sexton



1. Approving National Aviation Authority/Country:  
 FAA/United States

2. **AUTHORIZED RELEASE CERTIFICATE**  
 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:  
 11-05-4665

4. Organization Name and Address:  
 Raytheon Aircraft Services / FTY, 3992 Aviation Circle, Atlanta, GA. 30336

5. Work Order/Contract/Invoice Number:  
 11-05-4665

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	KT-76C	066-01156-0101	N/A	1	11016	INSPECTED

13. Remarks:  
 Certified transponder in accordance with FAR 91.413 part 43 appendix F.

14. Certifies the items identified above were manufactured in conformity to:  
 Approved design data and are in a condition for safe operation.  
 Non-approved design data specified in Block 13.

19.  14 CFR 43.9 Return to Service  Other regulation specified in Block 13  
 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:  
 16. Approval/Authorization No.:

17. Name (Typed or Printed):  
 18. Date (m/d/y):

20. Authorized Signature:  
 21. Approval/Certificate No.:

22. Name (Typed or Printed):  
 23. Date (m/d/y):

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.  
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.  
 Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01)

\*Installer must cross-check eligibility with applicable technical data.



1. Approving National Aviation Authority/Country:  
FAA/United States

2.

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

11-05-4665

4. Organization Name and Address:

Hawker Beechcraft Services / FTY, 3992 Aviation Circle, Atlanta, GA. 30336

5. Work Order/Contract/Invoice Number:

11-05-4665

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ALTIMETER	066-03064-0005	N/A	1	31342	INSPECTED

13. Remarks:

CERTIFIED TO 20,000 FT. IAW FAR 91.411 PART 43 APP. E.

14. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.  
 Non-approved design data specified in Block 13.

19.  14 CFR 43.9 Return to Service

Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

21. Approval/Certificate No.:

17. Name (Typed or Printed):

18. Date (m/d/y):

22. Name (Typed or Printed):

23. Date (m/d/y):

RON COWLES

05/25/2007

## User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

United Aircraft, Eastern Region (EPR)  
 300 Franklin Avenue  
 Atlantic City, NJ 08401

UNITED AIRCRAFT SERVICES PTY  
 TAX CRS ERYR582D

FAR PART 43 APPENDIX-B  
 COMPLIANCE REPORT

Job Description Repair Pressure Valve 1194440

Ref.	Part	QTY	Part No.	Part Name	Part Description
1	1194440	1	1194440	Pressure Valve	Pressure Valve
2	1194440	1	1194440	Pressure Valve	Pressure Valve
3	1194440	1	1194440	Pressure Valve	Pressure Valve
4	1194440	1	1194440	Pressure Valve	Pressure Valve
5	1194440	1	1194440	Pressure Valve	Pressure Valve
6	1194440	1	1194440	Pressure Valve	Pressure Valve
7	1194440	1	1194440	Pressure Valve	Pressure Valve
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81	1194440	1	1194440	Pressure Valve	Pressure Valve
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83	1194440	1	1194440	Pressure Valve	Pressure Valve
84	1194440	1	1194440	Pressure Valve	Pressure Valve
85	1194440	1	1194440	Pressure Valve	Pressure Valve
86	1194440	1	1194440	Pressure Valve	Pressure Valve
87	1194440	1	1194440	Pressure Valve	Pressure Valve
88	1194440	1	1194440	Pressure Valve	Pressure Valve
89	1194440	1	1194440	Pressure Valve	Pressure Valve
90	1194440	1	1194440	Pressure Valve	Pressure Valve
91	1194440	1	1194440	Pressure Valve	Pressure Valve
92	1194440	1	1194440	Pressure Valve	Pressure Valve
93	1194440	1	1194440	Pressure Valve	Pressure Valve
94	1194440	1	1194440	Pressure Valve	Pressure Valve
95	1194440	1	1194440	Pressure Valve	Pressure Valve
96	1194440	1	1194440	Pressure Valve	Pressure Valve
97	1194440	1	1194440	Pressure Valve	Pressure Valve
98	1194440	1	1194440	Pressure Valve	Pressure Valve
99	1194440	1	1194440	Pressure Valve	Pressure Valve
100	1194440	1	1194440	Pressure Valve	Pressure Valve

6. BAROMETRIC SCALE ERROR (601. +/- 25')

MB	IN HG	FEET	
951.6	28.10	-1727 (-1702/-1752)	-1,725
965.1	28.50	-1340 (-1315/-1365)	-1,340
982.0	29.00	-863 (-838/-888)	-860
999.0	29.50	-392 (-367/-417)	-390
1013.2	29.92	0 (-25/+25)	0
1017.9	30.06	+129 (+104/+154)	130
1032.8	30.50	+531 (+506/+556)	530
1046.4	30.90	+893 (+868/+918)	890
1049.4	30.99	+974 (+949/+999)	980

7. Lighting N/A  
 8. Alerter Output N/A  
 9. Check for Master Altimeter N/A  
 9a. Checked Calibration Yes  
 9b. Calibrated N/A

TECHNICIAN [Signature] DATE 5/25/07  
 NAME STEWART  
 SHOP INSPECTOR [Signature]  
 RON COWLES  
 FINAL INSPECTION - CERTIFIED REPAIRMAN  
 INSPECTOR [Signature] DATE 5/25/07  
 RON COWLES

United Beechcraft, Eastern Region (FTY)  
 3992 Aviation Circle  
 Atlanta GA, 30336 (404) 699-9250

UNIVERSITY BEECHCRAFT SERVICES FTY  
 FAA CRS ERYR682D

FAR PART 43 APPENDIX-B  
 COMPLIANCE REPORT

A.A. Certified Repair Station No. ERYR682D

Ref. Test Points (Feet)	TSO C10b Tolerance Tot + - (Feet)	FRICTION			CHG. PT. OF ENCODER Tol. 125' WITH REF. TO ALTIMETER IND.
		ALTMTR. READING NO VIB	FINAL READING W/VIB.	+ - TOL (Feet)	
-1,000	20	-980	-1,000	20	-1,000
0	20	-20	0	20	0
500	20	470	490	20	450
1,000	20	980	1,000	20	950
1,500	25	1,460	1,500	40	1,450
2,000	30	1,980	2,010	30	1,950
3,000	30	2,970	3,000	30	2,950
4,000	35	3,990	4,000	10	3,950
6,000	40	5,950	5,990	40	5,950
8,000	60	7,940	7,980	40	7,950
10,000	80	9,950	9,980	30	9,950
12,000	90	11,920	11,970	50	11,950
14,000	100	13,920	13,960	40	13,950
16,000	110	15,920	15,960	40	15,950
18,000	120	17,920	17,960	40	17,950
20,000	130	19,920	19,960	40	19,950

Test Type: Encoding Altimeter  
 Tested Through: 20,000'  
 Customer Name : FLYING FLEA INC.  
 ACFT. REG. No.: N4482W  
 WORK NUMBER : 11-05-4665  
 PART NUMBER : 066-03064-0005  
 SERIAL NUMBER : 31342

1. VISUAL EXAMINATION Good
2. POSITION ERROR (Tol. +/- 20')
3. CASE LEAK (Tol. +/- 100'/min.) -10
4. HYSTERESIS (tol. +/- 75')
 

	ALTIMETER READS	
	UP	DOWN
50% - 10,000	9,980	10,000
40% - 8,000	7,980	8,000
5. AFTER EFFECT (tol. +/- 30') 10
6. BAROMETRIC SCALE ERROR (tol. +/- 25')
 

MB	IN HG	FEET	
951.6	28.10	-1727 (-1702/-1752)	-1,725
965.1	28.50	-1340 (-1315/-1365)	-1,340
982.0	29.00	-863 (-838/-888)	-860
999.0	29.50	-392 (-367/-417)	-390
1013.2	29.92	0 (-25/ +25)	0
1017.9	30.06	+129 (+104/ +154)	130
1032.8	30.50	+531 (+506/ +556)	530
1046.4	30.90	+893 (+868/ +918)	900
1049.4	30.99	+974 (+949/ +999)	980
7. Lighting N/A
8. Alerter Output N/A
9. Check for Master Altimeter N/A
  - 9a. Checked Calibration Yes
  - 9b. Calibrated N/A

TECHNICIAN CLAY STEWART DATE 5/25/07

SHOP INSPECTOR RON COWLES  
 RON COWLES

FINAL INSPECTION - CERTIFIED REPAIRMAN  
 INSPECTOR RON COWLES DATE 5/25/07  
 RON COWLES



Aircraft Model \_\_\_\_\_

Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_

Owner's Name \_\_\_\_\_

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LIC NUM
Y	M	ID	HOURS			

**BLUE MAX AVIATION MAINTENANCE LLC**  
 2700 FORT TRENHOLM RD.  
 JOHNS ISLAND, S.C. 29455  
 CELL:(843)-478-6185  
 OFFICE / FAX:(843)-557-0010

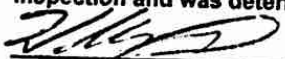
Date: 7/14/2009  
 REG#: N4482W  
 HOBBS: 1313.9

Model: Baron B-58  
 S/N: TH-1964  
 Total Airframe: 1313.9

**Description of Work Performed:**

C/W an ANNUAL Inspection, IAW FAR 43 appx. (d), and Beech Airframe maintenance / Inspection manuals. Installed new (2ea) Gill G-25 batteryys. Installed new Flight Cust.III 500x5 NLG tire. Installed new ELT battery Artex P/N 110-4. Installed (2ea) VAC pump filters P/N Tempest AA2J4-7, and (2ea) Rapco filters P/N RAD9-14-5. Installed new vertical stab light bulb P/N Whelen 11-05091 28v150w. C/W ELT inspection IAW FAR 91.207 (d).  
 Battery EXP. DATE: Aug. / 2011.  
 Ground tested/ flight tested Airframe for performance.  
 AD 2008-13-17; C/B Toggle Switchs. Parts On Order, Letter of Conformation filed with the FAA.

I certify that this AIRFRAME has been inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.



A&P IA #250415742

Wallace Sexton

**BLUE MAX AVIATION MAINTENANCE LLC**  
 2700 FORT TRENHOLM RD.  
 JOHNS ISLAND, S.C. 29455  
 CELL:(843)-478-6185  
 OFFICE / FAX:(843)557-0010

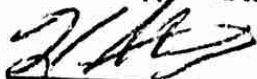
Date: 10/13/2009  
 REG#:N4482W  
 HOBBS: 1346.0

Model: BARON B-58  
 S/N:TH-1964

**Description of Work Performed:**

C/W AD2008-13-17; C/B Toggle switch replacement. Removed / installed (14ea) C/B toggle switchs. No other action required for this AD.

I certify that this AIRFRAME has been Maintained/ Serviced Repaired IAW Beechcraft Maintenance Manuals / FAA Rules / Regulations. This Aircraft is approved to return to service.



A&P IA #250415742

Wallace Sexton



# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_  
 Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y M D	HOURS			

**AERO RESTORATIONS, INC.**  
 Addison Airport, Addison, Texas 75001

**N4482W**  
 Beechcraft 58  
 SN: TH-1964

### Airframe Log Entry

January 4, 2010      Hour Meter: 1351.6      Installed overhauled turn coordinator p/n 1394T100-72, s/n 2012-64, reference Air Dallas Instruments w/o 63434. Installed new LH and RH prop deice brushes. Installed an overhauled RH engine outboard exhaust, reference Aerospace Welding w/o 130655, 130656, 130657 and 130658. Installed overhauled LH and RH instrument air pumps p/n 442CW-12, LH s/n 68138, RH s/n 68421, reference Aero Accessories w/o 66923. Installed new LH and RH instrument air filters p/n D9-14-5 and 1J4-7. Installed a new RH outboard fuel quantity transmitter probe p/n 002-381000-3 and middle transmitter p/n 58-380001-21. Installed a new upper beacon bulb p/n 34-0226010. Installed a new tail nav bulb p/n A510-28. Installed a new LH flashtube p/n 55-0221-1. Resealed shimmy damper. Installed new LH and RH brake discs p/n 164-06106, linings p/n 066-09700 and shims p/n 068-02700. Installed new main wheel bearings, races and seals. Installed a new nose wheel assembly p/n 40-87A, using existing tire and tube. Adjusted nose landing gear doors. Installed new LH and RH fuel cap o-rings. Installed a new pilots vent window seal. Adjusted cabin and nose baggage door lock for proper operation. Installed a new LH fuel sump p/n CCA3400. Installed new aileron trim tab linkage arm p/n 45-135039-3 and new attach hardware. Installed a new fuse p/n 275.250 in prop sync box connector. Serviced LH and RH main landing gear struts with nitrogen. Removed Hartzell propellers model PHC-J3YF-2UF, LH s/n ED4282B, RH s/n ED4279B and sent to AAR for overhaul. Installed overhauled propellers, same model and s/n's, reference AAR Aircraft Services w/o 1005533 for details. Torqued to specs. Ground run, ops and leak check good.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #09-3181 ON FILE AT THIS STATION. DATED 01/04/10. INSPECTED BY *[Signature]* FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

**AERO RESTORATIONS, INC.**  
 Addison Airport, Addison, Texas 75001

**N4482W**  
 Beechcraft 58  
 SN: TH-1964

### Airframe Log Entry

April 15, 2010      Hour Meter: 1388.0      Installed a new LH alternator out sensor p/n 36-380000-11. Ground run, ops check good.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #10-3250 ON FILE AT THIS STATION. DATED 04/15/10. INSPECTED BY *[Signature]* FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			

**AERO RESTORATIONS, INC.**  
Addison Airport, Addison, Texas 75001

**N4482W**  
Raytheon 58  
SN: TH-1964

**Airframe Log Entry**

August 21, 2011 Hour Meter: 1629.1 Installed a new ELT battery p/n 452-0130, battery expiration date is 10/13. C/W FAR 91.207(d) ELT inspection, no defects were found.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #11-3449 ON FILE AT THIS STATION. DATED 10/21/11. INSPECTED BY [Signature] FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

**AERO RESTORATIONS, INC.**  
Addison Airport, Addison, Texas 75001

**N4482W**  
Raytheon 58  
SN: TH-1964

**Airframe Log Entry**

August 24, 2010 AFTT: 1439.7 Hour Meter: 1439.7  
L/H Engine TSN: 1439.7 Heater: 234.4 L/H Prop TSOH: 88.10  
R/H Engine TSN: 1439.7 R/H Prop TSOH: 88.10

C/W an Annual inspection IAW Hawker Beechcraft 58 series maintenance manual inspection guide. Installed a new pilots vent window seal. Installed new RH throttle and mixture rods. Installed a new LH mixture rod end. Installed new LH and RH induction air ducts p/n 111716AX6XX30. Installed a new RH heated fuel vent p/n 60-381002. Installed a new rudder trim tab hinge pin. Installed a new RH elevator trim tab hinge and hinge pin. Installed a new LH elevator center and inboard hinge bearings. Installed a new RH elevator inboard and outboard hinge bearings. Installed a new RH aileron aft actuating rod end. Installed a new aileron trim tab horn p/n 45-135032-25 and hinge pin. Adjusted LH aileron stops for proper contact. Installed a new LH inboard fuel quantity transmitter p/n 58-380000-3, s/n 2331. Installed a new air conditioning evaporator filter p/n 106-555011-15. Serviced, charged and tested main battery. Installed heater iris valve. Installed new seat rollers on co-pilots and second row seats. Installed new hinge brackets p/n 35-165050-31, -34 and -35 on LH flap. Installed a new RH inboard flap track p/n 95-165050-31. Installed new LH and RH flap bumpers p/n 4988. Installed an overhauled landing gear motor p/n 58-380090-1, s/n 11571, reference Aerospace Turbine Rotables w/o AGB13965 for details. Resealed landing gear actuator using new bearings and seals as required. Installed a new nose gear actuating arm and bolt. Adjusted LH and RH main landing gear up stop bolts. Adjusted RH uplock cable. Installed new LH and RH main landing gear downlock arm boots. Installed a new nose gear center pivot bushing and bolt. Installed a new LH inboard gear door aft hinge bracket p/n 95-110031-19. Adjusted LH and RH nose gear door actuating rod ends. Installed a new steering stop bolt. Installed new LH and RH main tires Goodyear FLICU III 6.50x8-8 ply using new inner tubes. Installed new LH and RH fuel cap o-rings. C/W 60 month LH and RH engine flammable fluid hose replacement, reference Aviall w/o 10045446 for details. Installed new LH and RH landing gear lower brake hoses, reference Aviall w/o 10045382 and 10045446 for details. C/W 1500 Hr LH and RH fuel boost pump overhaul p/n 4404-00-&NV, LH s/n 4870, RH s/n 4880, reference Dukes Aerospace w/o 57859 for details. C/W 12 month fire extinguisher inspection. AD 2009-25-01 (shoulder harness) was found to be not applicable by aircraft serial number. C/W FAR 91.207 (d) ELT inspection, battery expiration date is June 2011. C/W AD 2004-21-05 (heater decay test). AD is next due in 24 months or 100 heater hours. C/W 100 hr lubrication items.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409. AN ANNUAL INSPECTION AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #10-3303 ON FILE AT THIS STATION. DATED 08/24/10. INSPECTED BY [Signature] FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

# MAINTENANCE/INSPECTION ENTRIES

23

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS	

**AERO RESTORATIONS, INC.** **N4482W**  
**Addison Airport, Addison, Texas 75001** Beechcraft 58  
SN: TH-1964

**Airframe Log Entry**

September 13, 2010 Hour Meter: 1439.7 Installed a new LH main tire Goodyear FLICU III 6.50x8-8 ply, s/n 16092900932423 using existing inner tube. Straightened nose baggage door support rod.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #10-3323 ON FILE AT THIS STATION. DATED 09/13/10. INSPECTED BY [Signature] FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

**AERO RESTORATIONS, INC.** **N4482W**  
**Addison Airport, Addison, Texas 75001** Beechcraft 58  
SN: TH-1964

**Airframe Log Entry**

October 11, 2010 Hour Meter: 1470.7 Installed a new RH alternator out sensor p/n 36-380000-11, s/n 80G14224. Ops check good.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #10-3333 ON FILE AT THIS STATION. DATED 10/11/10. INSPECTED BY [Signature] FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

**AERO RESTORATIONS, INC.** **N4482W**  
**Addison Airport, Addison, Texas 75001** Beechcraft 58  
SN: TH-1964

**Airframe Log Entry**

December 20, 2010 Hour Meter: 1501.3 Serviced, charged and installed new Gill G-25 batteries s/n's G02532440 and G02546258. Ops check good.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #10-3354 ON FILE AT THIS STATION. DATED 12/20/10. INSPECTED BY [Signature] FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.


# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y. M. D	HOURS			

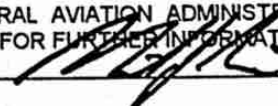
**AERO RESTORATIONS, INC.**  
Addison Airport, Addison, Texas 75001

N4482W  
Raytheon 58  
SN: TH-1964

### Airframe Log Entry

September 15, 2011      AFTT: 1604.1      Hour Meter: 1604.1  
L/H Engine TSN: 1604.1      Heater: 251.6      L/H Prop TSOH: 252.5  
R/H Engine TSN: 1604.1      R/H Prop TSOH: 252.5

C/W an Annual inspection IAW Hawker Beechcraft 58 series maintenance manual inspection guide. Installed a new air conditioning evaporator filter p/n 106-555011-15. Serviced air conditioning system with freon R-134 as required. Serviced, charged and tested main batteries. Resealed nose and RH main landing gear struts. Installed a new co-pilots RH master cylinder p/n 96-380034-23, s/n 7149. Bled RH brake system and serviced brake reservoir with MIL 5606 hydraulic fluid. Installed new LH and RH brake linings p/n 066-09700. Repaired and repainted LH and RH forward cowlings. Installed a new RH fuel sump p/n CCA-3400. Installed a new LH propeller control rod end. Repaired deteriorated LH and RH wing and horizontal stab deice boot edge seal. Installed a new RH aileron forward rod end. Installed new LH and RH fuel cap o-rings. Sealed LH and RH wing light lenses. Installed new LH and RH landing gear uplock arm springs. Installed a new RH strobe flash tube p/n 36-0170384-01. Saftied LH and RH emergency exit window latches. C/W 12 month / 100 hr LH and RH induction air filter element replacement. C/W 12 month fire extinguisher inspection. C/W 100 hr lubrication items. C/W 12 mo/ 200 hr LH and RH instrument air filter replacement. C/W 12 month seat belt and shoulder harness inspection. FAR 91.411 and 91.413 was complied with by Wriston Aviation, reference w/o 110907 for details.


I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409. AN ANNUAL INSPECTION AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #11-3430 ON FILE AT THIS STATION. DATED 09/15/11. INSPECTED BY  FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

**AERO RESTORATIONS, INC.**  
Addison Airport, Addison, Texas 75001

N4482W  
Raytheon 58  
SN: TH-1964

### Airframe Log Entry

January 5, 2012      Hour Meter: 1648.7      Installed a new LH engine factory CHT probe p/n 102-00007, s/n 40276. Ops check good.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #12-3472 ON FILE AT THIS STATION. DATED 01/05/12. INSPECTED BY  FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.




# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

<b>DATE</b>	<b>TIME</b>	<b>ENTRIES MAY BE ON MULTIPLE</b>	<b>INSPECTOR'S</b>	<b>LICENSE</b>
<b>7   M   D</b>	<b>■   ■   ■</b>	<b>LINES IF REQUIRED</b>	<b>SIGNATURE</b>	<b>NUMBER</b>
<b>HOURS</b>				

**AERO RESTORATIONS, INC.**  
**Addison Airport, Addison, Texas 75001**

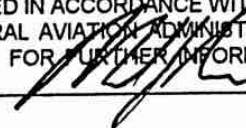
**N4482W**  
 Raytheon 58  
 SN: TH-1964

### Airframe Log Entry

February 24, 2012

Hour Meter: 1659.7

Removed LH engine TCM IO-550C(31), s/n 684407. Installed a TCM factory rebuilt engine IO-550C(49B), s/n 1005524 using new engine mount kits p/n J10778-16 and attach bolts. Removed RH engine TCM IO-550C(31), s/n 684424. Installed a TCM factory rebuilt engine IO-550C(49B), s/n 1005523 using new engine mount kits p/n J10778-16 and attach bolts. Installed overhauled prop governors Woodward p/n B210800, LH s/n 13041456J1, RH s/n 12300570J1 reference Quality Aircraft Accessory w/o's 1170000991.002 and 1170000991.001. Reinstalled LH and RH instrument air pumps and filters. Installed new instrument air, drain and breather hoses forward of firewall as required. Installed a new LH #6 cylinder EGT probe p/n M-111, s/n 0166431. Installed a new LH factory EGT probe p/n 86245, s/n 1120. Installed a new RH #2 cylinder CHT probe p/n M-113, s/n 11386. Installed a new air conditioning compressor belt p/n F3395. C/W 10 year LH and RH engine baffle seal replacement by installing new baffle seal as required. Installed a rebuilt JPI engine analyzer p/n EDM760-6C, s/n 04399, reference JP Instruments w/o RMA35140.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #12-3488 ON FILE AT THIS STATION. DATED 02/24/12. INSPECTED BY  FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

**AERO RESTORATIONS, INC.**  
**Addison Airport, Addison, Texas 75001**

**N4482W**  
 Raytheon 58  
 SN: TH-1964


### Airframe Log Entry

July 27, 2012

Hour Meter: 1713.6

Installed a new LH strobe light assembly p/n

30-1331-3, s/n 12740. Ops check good.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #12-3553 ON FILE AT THIS STATION. DATED 07/27/12. INSPECTED BY  FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.




# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE	INSPECTOR'S	LICENSE
Y	M	D	SIGNATURE	NUMBER
		HOURS	LINES IF REQUIRED	

**AERO RESTORATIONS, INC.**  
 Addison Airport, Addison, Texas 75001

N4482W  
 Raytheon 58  
 SN: TH-1964

**Airframe Log Entry**

September 20, 2012                      AFTT: 1719.3                      Hour Meter: 1719.3  
 L/H Engine TSOH: 55.6                      Heater: 263.4                      L/H Prop TSOH: 367.7  
 R/H Engine TSOH: 55.6                      R/H Prop TSOH: 367.7

C/W an Annual inspection IAW Hawker Beechcraft 58 series maintenance manual inspection guide. Installed a new air conditioning evaporator filter p/n 106-555011-15. Serviced, charged and tested main batteries. Installed new LH and RH fuel cap o-rings. Removed and reinstalled LH and RH tachometers p/n 4013B, LH s/n 3064, RH s/n 3062 after repair, reference Air Dallas Instruments w/o 71714 and 71715 for details. Installed new LH and RH main tires Goodyear FLICU111 6.50 x 8-8, LH s/n 21782133, RH s/n 21742435 using new inner tubes. Installed new LH and RH flap bumpers. Installed a new LH tailpipe exhaust clamp bracket. Serviced, charged and tested main batteries. Installed new LH and RH brake linings. Installed a new prop sync fuse p/n 43-365-013-00. Rigged LH and RH cowl flaps. C/W 10 year instrument air check valve replacement by installing a new valve p/n 50-324473-51, s/n 70898. C/W 12 month / 100 hr LH and RH induction air filter element replacement. C/W 12 month fire extinguisher inspection. C/W 100 hr lubrication items. C/W 12 month LH and RH wing spar cap inspection. C/W 12 mo/ 200 hr LH and RH instrument air filter replacement. C/W 12 month seat belt and shoulder harness inspection. C/W FAR 91.207(d) ELT inspection, battery expiration date is October 2013. AD 2011-27-04 (airspeed markings) does not apply. C/W AD 2012-10-12 (fuel line clamps) by inspection, no defects were found.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409. AN ANNUAL INSPECTION AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #12-3569 ON FILE AT THIS STATION. DATED 09/20/12. INSPECTED BY [Signature] FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

**AERO RESTORATIONS, INC.**  
 Addison Airport, Addison, Texas 75001

N4482W  
 Raytheon 58  
 SN: TH-1964

**Airframe Log Entry**

January 25, 2013                      Hour Meter: 1766.4                      Installed a new JPI RH #4 cylinder EGT probe p/n M-111. Repaired connections to #5 cylinder CHT probe. Installed a new factory RH EGT probe p/n 86245. Ops check good.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #13-3616 ON FILE AT THIS STATION. DATED 01/25/2013. INSPECTED BY [Signature] FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.


## MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE	INSPECTOR'S	LICENSE
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**AERO RESTORATIONS, INC.**  
Addison Airport, Addison, Texas 75001

**N4482W**  
Raytheon 58  
SN: TH-1964

**Airframe Log Entry**

February 22, 2013 Hour Meter: 1774.5 Installed repaired RH EGT indicator p/n 58-380104-5, s/n F99692, reference Mid Continent Instruments w/o 0211688. Installed a new RH EGT harness p/n MCI-A106-16. Ground run, ops check good.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #13-3621 ON FILE AT THIS STATION. DATED 02/22/2013. INSPECTED BY \_\_\_\_\_ FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

**AERO RESTORATIONS, INC.**  
Addison Airport, Addison, Texas 75001

**N4482W**  
Raytheon 58  
SN: TH-1964

**Airframe Log Entry**

October 18, 2013 AFTT: 1825.4 Hour Meter: 1825.4  
L/H Engine TSOH: 161.7 Heater: 276.0 L/H Prop TSOH: 473.8  
R/H Engine TSOH: 161.7 R/H Prop TSOH: 473.8  
C/W an Annual inspection IAW Hawker Beechcraft 58 series maintenance manual inspection guide. Serviced, charged and installed new batteries p/n G25, s/n's G02796223 and G02796225. Installed new LH and RH fuel cap o-rings. Installed a new LH tailpipe exhaust clamp bracket. Adjusted air conditioning compressor belt tension. Installed a new nose tire Goodyear FLICU111 5.00 x 5-6, s/n 302013400 using a new inner tube. Installed a new LH engine #1 cylinder EGT probe p/n M111, s/n 0184625. Adjusted rudder cable tension to within limits. Adjusted nose gear up and down tension. Installed overhauled LH and RH instrument air pumps p/n 442CW-12, LH s/n 02DR05, RH s/n 03JK01, reference Aero Accessories w/o's 102DR-0000 and 103JK-0000.

C/W 2000 hour LH flap actuator overhaul p/n 45-521212-17 by installing a new piston shaft p/n 45-521214, bearings (2) p/n PS5KZ1FS50545, seal p/n 90-380020-5 and o-ring p/n M83461/1-115 and C/W 900 hour lubrication. C/W 2000 hour RH flap actuator overhaul p/n 45-521212-18 by installing a new piston shaft p/n 45-521214-1, bearings (2) p/n PS5KZ1FS50545, seal p/n 90-380020-5 and o-ring p/n M83461/1-115 and C/W 900 hour lubrication. C/W 2000 hour LH and RH flap flex shaft replacement by installing new LH and RH cables p/n's 12527Y-63.61 and 12163Y-63.31 and C/W 900 hour lubrication. C/W 900 hour LH and RH elevator trim tab actuator lubrication. C/W 12 month / 100 hr LH and RH induction air filter element replacement. C/W 12 month fire extinguisher inspection. C/W 100 hr lubrication items. C/W 15 year LH and RH wing attach fitting inspection and hardware replacement. **Wing bolt torque check is due in 100 hours.** C/W 12 month LH and RH wing spar cap inspection. C/W 12 mo/ 200 hr LH and RH instrument air filter replacement. C/W 12 month seat belt and shoulder harness inspection. Installed a new ELT battery. C/W FAR 91.207(d) ELT inspection, battery expiration date is April 2016.

C/W AD 2013-16-01 by inspecting LH and RH elevator balance weights for proper attachment. No defects were found. Next inspection is due in 100 hours, replacement is due within 200 hours. C/W AD 2004-21-05 by performing a heater decay check. No discrepancies were found. Next inspection is due in 100 heater hours or 24 calendar months. FAR 91.411 and 91.413 was complied with by Wriston Aviation, reference w/o 131014A for details.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409. AN ANNUAL INSPECTION AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #13-3698 ON FILE AT THIS STATION. DATED 10/18/2013. INSPECTED BY \_\_\_\_\_ FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

56TH-1964 WRISTON AVIATION F.A.A. C.R.S. R2FR683J

AIRCRAFT- Beech 58  
 TAIL NO.- N4482W  
 TACH. TIME- 1825.4

Un-l-l 5035PB-P57  
st 31342

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEMS TEST AS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. THE ALTIMETER WAS TESTED TO 20,000 FEET ON 10/14/2013 PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORKORDER NO. 131014A DATE 10/14/2013 SIGNED \_\_\_\_\_ FOR WRISTON AVIATION C.R.S. No. R2FR683J

I CERTIFY THAT THIS TRANSPONDER MAKE King MODEL K776C SN 11016 AS INSTALLED IN THIS AIRCRAFT HAS BEEN TESTED AS REQUIRED BY FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON THIS DATE 10/14/2013 TACH 1825.4 PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORKORDER NO. 131014A DATE 10/14/2013 SIGNED \_\_\_\_\_ FOR WRISTON AVIATION C.R.S. No. R2FR683J

(214)212-0499

AERO RESTORATIONS, INC.  
Addison Airport, Addison, Texas 75001

N4482W  
Raytheon 58  
SN: TH-1964

Airframe Log Entry

November 10, 2014	AFTT: 1893.6	Hour Meter: 1893.6
L/H Engine TSOH: 229.9	Heater: 285.6	L/H Prop TSOH: 542.0
R/H Engine TSOH: 229.9		R/H Prop TSOH: 542.0

C/W an Annual inspection IAW Beechcraft Corporation 58 series maintenance manual inspection guide. Serviced, charged and tested main batteries. Installed a new pilots vent window seal. Installed a new rudder trim tab hinge p/n 96-630000-89. Installed new co-pilots seat rollers. Installed a new LH elevator aft rod end. Serviced LH and RH main landing gear struts with nitrogen. Adjusted LH main landing gear down lock and RH uplock cable tension. Installed a new LH aileron aft rod end. Installed new LH and RH brake linings. Installed new LH and RH fuel cap o-rings. Repaired RH induction air box. C/W AD 2013-16-01 (LH and RH elevator balance weights) by installing new weights p/n 96-610022-11 and checked balance of elevators. C/W 12 month / 100 hr LH and RH induction air filter element replacement. C/W 12 month fire extinguisher inspection. C/W 100 hr lubrication items. C/W 12 month / 100 hour LH and RH wing bolt torque check. C/W 12 month LH and RH wing spar cap inspection. C/W 12 mo/ 200 hr LH and RH instrument air filter replacement. C/W 12 month seat belt and shoulder harness inspection. C/W FAR 91.207(d) ELT inspection, battery expiration date is April 2016.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409. AN ANNUAL INSPECTION AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #14-3795 ON FILE AT THIS STATION. DATED 11/10/2014. INSPECTED BY \_\_\_\_\_ FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

# MAINTENANCE/INSPECTION ENTRIES

29

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_  
 Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y. M. D.	HOURS			

**AERO RESTORATIONS, INC.**  
 Addison Airport, Addison, Texas 75001

**N4482W**  
 Raytheon 58  
 SN: TH-1964

### Airframe Log Entry

March 30, 2015      Hour Meter: 1916.3      Serviced air conditioning system with Freon R-134a to specs and replaced compressor fuse. Ground run, ops check good.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #15-3829 ON FILE AT THIS STATION, DATED 03/30/2015. INSPECTED BY [Signature] FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

**FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K**  
 LOG ID# 4479 04-September-2015 WO# 17855/1 REF# 17855 Document# FL13 AC TT 1968.1  
 N4482W S/N TH-1964 BEECHCRAFT 58

Pg 1 / 2

\*\*\*\* ITEM # 17855-1 AUTOPILOT \*\*\*\*  
 DISCREPANCY: Autopilot wing walking.  
 Model: KFC-225 Part#: N/A Serial#: N/A  
 ACTION: Checked autopilot system. Autopilot roll tach feedback is missing. Removed roll servo from aircraft for bench check. Reinstalled factory exchange servo. Autopilot ramp checks normal.

\*\*\*\* ITEM # 17855-2 COMM \*\*\*\*  
 DISCREPANCY: #1 com no transmitter weak rcvr  
 Model: GNS-530W Part#: 011-01064-45 Serial#: 78300324  
 ACTION: Ramp tested #1 comm. Confirmed problem. Removed #1 comm for bench test. Confirmed problem on bench. Shipped unit to factory fo repair. Reinstalled unit in aircraft, system checks normal.

\*\*\*\* ITEM # 17855-3 SERVO \*\*\*\*  
 DISCREPANCY: Autopilot wingwalking.  
 Model: KS-271C Part#: 065-00179-0100 Serial#: 4801  
 ACTION: Bench tested servo. Confirmed problem on bench. Confirmed no tach output. Opened servo, found motor and tach motor gears stripped, and motor intermittent. Replaced servo with factory exchange KS271C p/n 065-00179-0100 s/n 11712.

The aircraft identified was repaired and/or inspected in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to work performed.

**FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K**  
 LOG ID# 4527 17-November-2015 WO# 17935/1 REF# 17935 Document# FL13 AC TT 1986.5  
 N4482W S/N TH-1964 BEECHCRAFT 58

Pg 1 / 1

FLITE ELI  
 LOG ID#  
 N4482W

DG2R767K

\*\*\*\* ITEM # 17935-1 HEADING \*\*\*\*  
 DISCREPANCY: HSI slaving does not keep up.  
 Model: KG-102A Part#: 060-0015-00 Serial#: 45708  
 ACTION: Removed DG from aircraft for bench check. Found DG rotor noisy. Gyro fails tests. Installed loaner gyro s/n 24685 for flight. Shipped bad gyro KG-102A p/n 060-0015-00 s/n 45708 to instrument shop for overhaul/repair. Removed loaner gyro and reinstalled overhauled gyro s/n 45708. Heading system ramp check normal.

The aircraft identified was repaired and/or inspected in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to work performed.

DG2R767K MARK PLEDGER

Date

[Signature] 11-17-15

AVIONICS CHECKS



MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_  
Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE TIME ENTRIES MAY BE ON MULTIPLE INSPECTOR'S LICENSE  
Y M D HOURS LINES IF REQUIRED SIGNATURE NUMBER

AERO RESTORATIONS, INC.  
Addison Airport, Addison, Texas 75001

N4482W  
Raytheon 58  
SN: TH-1964

Airframe Log Entry

March 30, 2015 Hour Meter: 1916.3 Serviced air conditioning system with Freon R-134a to specs and replaced compressor fuse. Ground run, ops check good.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #15-3829 ON FILE AT THIS STATION. DATED 03/30/2015. INSPECTED BY *[Signature]* FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K  
LOG ID# 4479 04-September-2015 WO# 17855/1 REF# 17855 Document# FL13 AC TT 1968.1  
N4482W S/N TH-1964 BEECHCRAFT 58

Pg 1 / 2

\*\*\* ITEM # 17855-1 AUTOPILOT \*\*\*  
DISCREPANCY: Autopilot wing walking.  
Model: KFC-225 Part#: N/A Serial#: N/A  
ACTION: Checked autopilot system. Autopilot roll tach feedback is missing. Removed roll servo from aircraft for bench check. Reinstalled factory exchange servo. Autopilot ramp checks normal.

\*\*\* ITEM # 17855-2 COMM \*\*\*  
DISCREPANCY: #1 com no transmitter weak rcvr  
Model: GNS-530W Part#: 011-01064-45 Serial#: 78300324  
ACTION: Ramp tested #1 comm. Confirmed problem. Removed #1 comm for bench test. Confirmed problem on bench. Shipped unit to factory fo repair. Reinstalled unit in aircraft. system checks normal.

\*\*\* ITEM # 17855-3 SERVO \*\*\*  
DISCREPANCY: Autopilot wingwalking.  
Model: KS-271C Part#: 065-00179-0100 Serial#: 4801  
ACTION: Bench tested servo. Confirmed problem on bench. Confirmed no tach output. Opened servo, found motor and tach motor gears stripped, and motor intermittent. Replaced servo with factory exchange KS271C p/n 065-00179-0100 s/n 11712.

The aircraft identified was repaired and/or inspected in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to work performed.

FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K  
LOG ID# 4479 04-September-2015 WO# 17855/1 REF# 17855 Document# FL13 AC TT 1968.1  
N4482W S/N TH-1964 BEECHCRAFT 58

*Mark Pledger*  
DG2R767K MARK PLEDGER

9-4-15  
Date

Pg 1 / 1

FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K  
LOG ID# 4527 17-November-2015 WO# 17935/1 REF# 17935 Document# FL13 AC TT 1986.5  
N4482W S/N TH-1964 BEECHCRAFT 58

TTW = 17935-1 HEADING \*\*\*  
DISCREPANCY: ISI Slaving does not keep up.  
Model: KG-102A Part#: 060-0015-00 Serial#: 45708  
Action: Removed DG from aircraft for bench check. Found DG rotor noisy. Gyro fails tests. Installed gyro s/n 24685 for flight. Shipped bad gyro KG-102A p/n 060-0015-00 s/n 45708 to instrument overhaul/repair. Removed loaner gyro and reinstalled overhauled gyro s/n 45708. Heading check normal.  
Aircraft was repaired and/or inspected in accordance with current Federal Aviation Regulations and is hereby approved for return to service with respect to work performed.

11-17-15  
Date



DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y.   M.   D.	HOURS			

## MONARCH AIR

4850 Cape Clemente, Jackson, TN 37501

615-231-0345 ext

Email: mxa@monarchair.com

Date: 12/29/2018 Aircraft: 4482W ICR: 1111964

C/W an annual inspection with reference to Beechcraft Corporation SR series MKI inspection guide

Removed LH and RH propellers Hartzell P10-135E-214F and sent to Fosters Propeller Service for overhaul. Installed overhauled propellers Hartzell P10-135E-214F, LH serial number ED4279B, RH serial number ED4282B, reference Fosters Propeller Service w/o's 8373 and 8374 for details. Installed using new o-rings and attach hardware and torqued with reference to Hartzell operators and installation manual. Ground run, ops and leak check good.

Installed a new ELT battery p/n 452-0130, battery expiration date is October 2017.

C/W FAR 91.207(d) ELT inspection. No defects were found. Ops check good.

FAR 91.411 and 413 compliance with by Airtex Installation reference p/n 413-1 for details.

Installed new LH and RH radio transmitters p/n PA 7703

Installed a new fuel strainer p/n C35015, mfg date 10/18

C/W 100 hour life span items with reference to Beechcraft Corporation SR series AIRL 12-00-00

C/W wing spar LH and RH cap inspection by visual inspection. No defects noted at this time.

Installed new LH and RH instrument air filters p/n AM 79-14-5 (2) and R AM 14-7(2) and secured as required.

C/W 12 month seat belt and shoulder harness inspection. No defects were found.

C/W Beechcraft Corporation MSB 27-4136 by installing required replacement parts in pilots control yoke.

Cont'd

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE		TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y.	M	D			
			C/W AD0016 - Landing gear motor brush in place. No defects were detected and	<i>Sahr</i>	
			Installed new forward fuselage p/n ADP 11-3350 and aft fuselage p/n ADP 11-312		
			Installed a new shear pin p/n 60618-20392. Checked and adjusted nose gear alignment with reference to Beechcraft C-440 rotation. Torqued to specs and safetied as required. Ops check good.		
			C/W AD04-21-05 (24 month heater decay test). No defects were found. Next due in 24 months or 100 heater hours.		
			Removed LH and RH engine hoses and sent to Aviall hose shop. Installed new LH and RH engine hoses, reference Aviall w/c 1001752099 for details. Torqued to specs and secured as required. Leak check good.	<i>(60 month)</i>	
			Removed main batteries top charged and serviced to manufactures specs. Installed main batteries and secured as required.		
			Installed new LH and RH inboard air couplings p/n 96-919111 using new gaskets. Torqued to specs and safetied as required.		
			Installed a new exhaust clamp p/n 58-950000-35 on left engine using existing attach hardware.		
			Adjusted main cabin air pressure to within limits.		
			Installed new right side vent window seal p/n 3-048-1-4.		
			Cleaned and lubricated cabin air valve. Ops check good.		
			Installed a new ice light bulb p/n A701916-24. Ops check good.		
			Serviced LH and RH struts with nitrogen as required.		
			Removed right alternator p/n R649304, p/n 011E/A945K and sent to Aircraft Accessories for overhaul. Installed overhauled alternator p/n R649304, p/n 011E/A945K, reference Aircraft Accessories w/c 64510 for details using a new gasket. Torqued with reference to TCM S196-710. Ground run, ops and leak check good.	<i>A</i>	
			Installed a new saddle static wick base p/n 821001-21 and static wick p/n DD1W. Rebonded inboard static wick base.		
			Installed new LH and RH fuel cap o-rings p/n MS2913-338-04.		

*Cont'd*

# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y.	M	D	HOURS	
		Removed LH and RH tanks as required. Installed 1 new LH tank to meet quantity requirements. Torqued to specs and safed as required. Ref: SAC 1-1-77		
		Re-filled and adjusted a new air compressor tank per 8387 and made it safe as required.		
		Removed right inboard air pump and found base gasket to be leaking. Installed a new base gasket per 8389 and re-installed air pump. Torqued as per spec and secured as required.		
		Re-sealed slushy dampers with new O-rings. Ref: Beech Baron SRM Chp 32		
		Tightened left exhaust attach hardware and safed as required.		
		Re-painted tow limits as required using Dupont AB400 paint.		
		Tightened right exhaust attach hardware and safed as required.		
		Removed loose rivets in right wing and replaced with reference to A343-13 III, CII-4. Touched up rivets as required.		
		Installed a new left flap aft roller attach nut and torqued to specs.		
		Installed 2 new control cables for LH and RH ailerons. Refer to drawings.		
		Re-torqued LH main cabin door attachment points. Replaced as required.		
		Replaced O-ring on cabin door handle. Part No. 380054-2387001. Used at 2.5 in. O-ring. O-ring check good. Ref: Beechcraft Baron SRM 19.		
		Installed and adjusted a new steering stop. Part No. 380428-4-110.		
		Removed nose strut assembly. Disassembled, cleaned and inspected. Reassembled using new O-rings, valve core, backup rings and wire. Serviced with MIL-8762 hydraulic fluid and nitrogen. Re-installed strut assembly. Torqued to specs and safed as required. Leak check good.		
		Re-sealed cabin air exhaust duct as required using 835204-141 sealant.		
		Re-torqued nose strut leg upper attach bolts.		
		Cleaned LH and RH wing attach fittings and safed.		

*Cont'd*

# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS	

Adjusted LH and RH flap bumpers at dowel (d) - 9L (see also with reference to Beechcraft Corporation 58 series MM 12-00-00) Performed landing gear wheel inspection (see log)

Installed a new even fiber pin 58-54470-10

Installed and adjusted new LH and RH flap bumper pin 4982

C/W 600 hour lubrication items with reference to Beechcraft Corporation 58 series MM 12-00-00

*600 hr*

C/W 300 hour lubrication items with reference to Beechcraft Corporation 58 series MM 12-00-00

*300 hr*

Removed lower door panels and re-torqued support attach hardware

Above listed maintenance and/or inspections completed by Monarch Air repair station MNGR501G under below referenced work order(s).

Date: 12/21/15 Work Order: SO-16590 Total Time: 1986.6

C/W 300 hour lubrication items with reference to Beechcraft Corporation 58 series MM 12-00-00

*300 HR*

Removed lower door panels and re-torqued support attach hardware

Above listed maintenance and/or inspections completed by Monarch Air repair station MNGR501G under below referenced work order(s).

Date: 12/29/2015 Work Order: SO-16590 Total Time: 1986.6

I certify that the ELT has been inspected in accordance with FAR 91.207(d).  
 I certify that this aircraft has been inspected in accordance with a 100 hour/ Annual inspection and was found to be in airworthy condition. I also certify that the above listed repairs are airworthy and that the aircraft is approved for return to service.

Signed  
 CRS MNGR501G

*Timothy J. Todd*





# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE	INSPECTOR'S	LICENSE
Y/M/D	HOURS	LINES IF REQUIRED	SIGNATURE	NUMBER

FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K  
 LOG ID# 4619 28-April-2016 WO# 18064/1 REF# 18064 Document# FL13 AC TT 2007.0  
 N4482W S/N TH-1964 BEECHCRAFT 58 Pg 1 / 1

\*\*\*\* ITEM # 18064-1 GNS-530W \*\*\*\*  
 DISCREPANCY: Update software.  
 Model: GNS-530W Part#: 011-01064-45 Serial#: 78300324  
 ACTION: Updated GNS-530W main software from version 5.20 to version 5.30 and GPS software at version 5.0 in accordance with Garmin Service Bulletin 1606 Rev A. Updated AFMS with Garmin p/n 190-00357-03 Rev E and ICA with Garmin p/n 190-00357-65 Rev D. System ramp check normal.

\*\*\*\* ITEM # 18064-2 GNS-430W \*\*\*\*  
 DISCREPANCY: Update software.  
 Model: GNS-430W Part#: 011-01060-45 Serial#: 96314143  
 ACTION: Updated GNS-430W main software from version 3.30 to version 5.30 and GPS software from version 3.2 to version 5.0 in accordance with Garmin Service Bulletin 1606 Rev A. Updated AFMS with Garmin p/n 190-00356-03 Rev E and ICA with Garmin p/n 190-00356-65 Rev D. System ramp check normal.

The aircraft identified was repaired and/or inspected in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to work performed.

4-28-16

DG2R767K MARK PLEDGER Date

## MONARCH AIR

1500 Lakeshore Blvd. Addison, TX 75001

214-988-1434 Tel

Email: [msa@monarchair.com](mailto:msa@monarchair.com)

Date: 6/21/2016 Aircraft: CRJ-900 S/N: TH-1964-1000

Verified discrepancy - troubleshoot system by checking condenser fan conditioning to pressure transducer. Found fan pressure transducer to be blown. Installed a new AG01 transducer. Checked condenser fan operation and servicing through sight glass. No further problems were found at this time. Ground run ops check good.

Above listed maintenance and/or inspections completed by Monarch Air repair station AFD 50101 under below referenced work order no.

Date: 6/21/2016 Work Order: 50101-19 Total Time: 2026.1

I certify that the above repair is airworthy and that the aircraft is approved for return to service.

Sign:   
 CRSA AGR50101

# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE	INSPECTOR'S	LICENSE
Y	M	D	SIGNATURE	NUMBER
		LINES IF REQUIRED		
		HOURS		

<b>AERO RESTORATIONS, INC.</b> Addison Airport, Addison, Texas 75001	N4482W Raytheon 58 SN: TH-1964
<b>Airframe Log Entry</b>	
December 21, 2016 L/H Engine TSOH: 375.8 R/H Engine TSOH: 375.8	AFTT: 2039.5 Heater: 394.3
Hour Meter: 2039.5 L/H Prop TSOH: 52.9 R/H Prop TSOH: 52.9	
C/W an Annual inspection IAW Beechcraft Corporation 58 series maintenance manual inspection guide. Serviced, charged and installed new batteries p/n G-25, s/n's G02938340 and G02938335. Edge sealed LH and RH wing tip lenses. Installed new LH and RH main tires Goodyear FLICUIII 6.50-8-8, LH s/n 62532083, RH s/n 62532088 using new inner tubes. Installed new LH and RH brake linings p/n 066-09700. Serviced LH main landing gear strut with nitrogen. Resealed nose shimmy damper. Re-painted wing walk. Installed a new nose radome erosion boot p/n PM-31. Installed a new air conditioning evaporator filter. Installed new LH and RH fuel cap o-rings p/n MS29513-338 (4). Installed a new cabin door interior handle p/n 36-380099-3 to meet the requirements of AD 97-14-15. C/W 12 month / 100 hr LH and RH induction air filter element replacement. C/W 100 hr lubrication items. C/W 12 month LH and RH wing spar cap inspection. C/W 12 mo/ 200 hr LH and RH instrument air filter replacement. C/W 12 month seat belt and shoulder harness inspection. C/W 12 month fire extinguisher inspection and weight check. C/W FAR 91.207(d) ELT inspection, battery expiration date is October 2017. This aircraft was found to be in airworthy condition at this time.	
Mechanic signature: <u><i>[Signature]</i></u>	A&P <u>3497646 IA</u>
Shop Order # 16-3934	

<b>AERO RESTORATIONS, INC.</b> Addison Airport, Addison, Texas 75001	N4482W Raytheon 58 SN: TH-1964
<b>Airframe Log Entry</b>	
December 12, 2017 L/H Engine TSOH: 449.8 R/H Engine TSOH: 449.8	AFTT: 2109.5 Heater: 305.1
Hour Meter: 2109.5 L/H Prop TSOH: 122.9 R/H Prop TSOH: 122.9	
C/W an Annual inspection IAW Beechcraft Corporation 58 series maintenance manual inspection guide. Serviced, charged main batteries. Installed new LH and RH fuel cap o-rings p/n MS29513-338 (4). Repaired wiring to air conditioning condenser door actuator. Cleaned LH and RH wing attach fittings and drains. Repaired wiring to taxi light. Installed a new LH flap bumper. Repaired wiring to upper beacon. Installed a new RH outboard leading edge fuel tank FFC p/n 2646-4, s/n CR985 using new gaskets and snaps as required. C/W 12 month / 100 hr LH and RH induction air filter element replacement. C/W 100 hr lubrication items. C/W 12 month LH and RH wing spar cap inspection. C/W 12 mo/ 200 hr LH and RH instrument air filter replacement. C/W 12 month seat belt and shoulder harness inspection. C/W 12 month fire extinguisher inspection and weight check. C/W FAR 91.207(d) ELT inspection. Installed a new ELT battery. Battery expiration date is September 2020. FAR 91.411 and 91.413 was complied with by Wriston Aviation, reference w/o 171209. This aircraft was found to be in airworthy condition at this time.	
Mechanic signature: <u><i>[Signature]</i></u>	A&P <u>3497646 IA</u>
Shop Order # 17-3989	

# MAINTENANCE/INSPECTION ENTRIES

41

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_  
 Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

<input type="checkbox"/> DATE	<input type="checkbox"/> TIME	<b>ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED</b>	<b>INSPECTOR'S SIGNATURE</b>	<b>LICENSE NUMBER</b>
<input type="checkbox"/> Y	<input type="checkbox"/> M	<input type="checkbox"/> ID	<input type="checkbox"/> HOURS	

<p><u>TH-1964</u> <b>WRISTON AVIATION F.A.A. C.R.S. R2FR683J</b></p> <p>AIRCRAFT- <u>Boeing 58</u>                  TAIL NO.- <u>N4482W</u>                  TACH. TIME- <u>2109.5</u></p> <p><u>Un.l. 5035PB-P57</u></p> <p><u>31342</u></p>	<p>I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEMS TEST AS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. THE ALTIMETER WAS TESTED TO <u>20,000</u> FEET ON <u>12/9/2017</u> PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORKORDER NO. <u>171209</u> DATE <u>12/9/2017</u> SIGNED <u>[Signature]</u> FOR <b>WRISTON AVIATION</b> C.R.S. No. <b>R2FR683J</b></p> <p>I CERTIFY THAT THIS TRANSPONDER MAKE <u>Garmin</u> MODEL <u>GT76C</u> S/N <u>11016</u> AS INSTALLED IN THIS AIRCRAFT HAS BEEN TESTED AS REQUIRED BY FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON THIS DATE <u>12/9/2017</u> TACH <u>2109.5</u> PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORKORDER NO. <u>171209</u> DATE <u>12/9/2017</u> SIGNED <u>[Signature]</u> FOR <b>WRISTON AVIATION</b> C.R.S. No. <b>R2FR683J</b></p> <p style="text-align: center;"><b>(214)212-0499</b></p>
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FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K  
 LOG ID# 5028 31-August-2018 WO# 19002/1 REF# 19002 Document# FL13 AC TT 2148.9  
 N4482W S/N TH-1964 BEECHCRAFT 58 Pg 1 / 1

ACTION: Removed KT-76C Transponder. Installed Garmin GTX-345 Transponder. All equipment installed in accordance with manufacturers instructions and in accordance with AC 43.13-1B/2B. Revised weight, balance and equipment list.  
 GTX-345 was installed as per 337 and STC SA01714WI.

I certify that this aircraft has been inspected in accordance with FAR 91.413 and Appendix F of FAR 43 inspection and was determined to be in airworthy condition.  
 Transponder #1 Model: GTX-345 s/n: 3EG022638

I certify that the integration inspection required by FAR-43 appendix E para. C have been performed in accordance with 91.411

Model: GTX-345 Part#: 011-03302-00 Serial#: 3EG022638

The aircraft identified was repaired and/or inspected in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to work performed.

[Signature] 8-31-19  
 DG2R767K MARK PLEDGER Date

# MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y. M. D.	HOURS			

**AERO RESTORATIONS, INC.**  
Addison Airport, Addison, Texas 75001

**N4482W**  
Raytheon 58  
SN: TH-1964

### Airframe Log Entry

December 21, 2018	AFTT: 2152.7	Hour Meter: 2152.7
L/H Engine TSOH: 493.0	Heater Hobbs: 305.1	L/H Prop TSOH: 166.1
R/H Engine TSOH: 493.0		R/H Prop TSOH: 166.1

CW an Annual inspection IAW Beechcraft Corporation 58 series maintenance manual inspection guide. Serviced, charged and tested main batteries. Installed a new RH aileron actuating aft rod end p/n 002-381003-5. Installed a new LH flap bumper p/n 4988. Installed a new pilots RH master cylinder p/n 96-380024-23, s/n 8704. Bled RH brake system and serviced reservoir with MIL 5606 hydraulic fluid. Serviced RH landing gear strut with nitrogen. Installed new LH and RH fuel cap o-rings. Cleaned and repainted RH outboard fuel cap. CW 12 month / 100 hr LH and RH induction air filter element replacement. CW 12 month fire extinguisher inspection. CW 5 year / 900 hour aileron and rudder trim actuator lubrication. CW 100 hr lubrication items. CW 12 month LH and RH wing spar cap inspection. CW 12 mo/ 200 hr LH and RH instrument air filter replacement. CW 12 month seat belt and shoulder harness inspection. CW FAR 91.207(d) ELT inspection, battery expiration date is September 2020.  
This aircraft was found to be in airworthy condition at this time.

Mechanics signature: *Kjlbst* A&P 3497646 IA Shop Order 18-4035

4580 Claire Chennault Addison, TX 75001  
(972) 931-0345 Tel (972) 931-0450  
Email: mx@monarchair.com  
Date: 7/24/2019; Aircraft: 4482W; S/N: TH-1964; 2000



Evacuated system and found to have leaked out through compressor shaft seal. Removed propeller and compressor. Installed a new compressor assembly p/n 36-555003-3 (ALT p/n 4507), s/n 2691101180 using new o-rings and existing hardware. Reinstalled propeller using a new o-ring p/n C-3317-228 and torqued to specs with reference to Hartzell owners / operators manual. Removed front seats and spar cover. Installed a new receiver dryer p/n 90-384019-3. Vacuumed system and serviced with freon R134a (3 lbs) with reference to Beechcraft 58 series maintenance manual 12-00-00. Reinstalled from spar cover and seats. Ground run, ops and leak check good.

Above listed maintenance and/or inspections completed by Monarch Air repair station MNGR501G under below referenced work order(s).

Date: 7/24/2019 Work Order: ~~80-18661~~ Total Time: 2183.2

I certify that the above repairs are airworthy and that the aircraft is approved for return to service.

Signed \_\_\_\_\_  
CRS/MNGR501G

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## MAINTENANCE/INSPECTION ENTRIES

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_  
 Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

DATE	TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y M D	HOURS			

4580 Claire Chennault Addison, TX 75001  
 (972) 931-0345 Tel (972) 931-0450 Fax  
 Email: mx@monarchair.com  
 Date: 12/19/2019; Aircraft: 4482W; S/N: TH-1964; 2000



C/W an annual inspection IAW Beechcraft 58 series maintenance manual inspection guide. Performed compression check as follows: LH engine #1) 66/80, #2) 26/80, #3) 68/80, #4) 68/80, #5) 70/80, #6) 50/80. RH engine #1) 50/80, #2) 67/80, #3) 64/80, #5) 56/80, #6) 68/80.  
 Removed synroscope p/n 102-380024-1 (6900027-002), s/n 783 and driver p/n EM2092-2, s/n 722 A. Components were sent out for bench test and repair. GB 091819 Deactivated system and secured connections. System is not required per POH. MF 092619. Installed function tested prop Synroscope p/n 102-380024-1 (6900027-002), s/n 783. Driver was tested and found defective. Installed a new driver p/n EM2092-2, s/n 904A and secured as required. Ground run, ops check good.  
 C/W 91.207 (d) ELT inspection and function check. Exp. September 2020. No defects noted at this time.  
 FAR 91.411 and 91.413 was complied with by Wriston Aviation, reference w/o 191217 for details.  
 Install new R/H and L/H induction air filters PN BA-7705  
 C/W 100 HR lubrication items. Ref. Baron 55 and 58 Maint Man 12-20-00-201.  
 C/W 12 month fire extinguisher weight check and visual inspection. No defects were found.  
 C/W 12 month LH and RH wing spar cap inspection. No defects were found.  
 Install new R/H and L/H instrument air filters P/N RA-D-9-14-5 and RA2J4-7.  
 C/W 12 month seat belt and shoulder harness inspection. No defects were found.  
 Removed Glareshield and sent to JBS interiors for repair. MF 121319 Installed Glareshield after repair by JBS interiors.  
 Removed L/H elevator Installed a new bearing p/n MS27645-3A. Reinstalled elevator and safetied as required.  
 Dressed LH and RH propeller blades as required.  
 Adjusted A/C belt tension. Torqued and safetied hardware as required.  
 Serviced strut with nitrogen as required.  
 Lubricate L/H and R/H propeller control cables. Ops check good.  
 Install new Gill batteries P/N 7925-20 S/N G03060722, G03060725.  
 Paint tow limit pointer red.  
 Complied with AD 2004-21-05 by testing and inspecting IAW AD 2004-21-05 and heater maintenance manual, no defects noted.  
 Install R/H and L/H fuel cap orings with new orings P/N MS29513-338.  
 Installed a new fuel capacity placard.  
 Installed a new vtericle adjust handle on pilots seat P/N 106-530167-1. Ops check good

Above listed maintenance and/or inspections completed by Monarch Air repair station MNGR501G under below referenced work order(s).

4580 Claire Chennault Addison, TX 75001  
 (972) 931-0345 Tel (972) 931-0450 Fax  
 Email: mx@monarchair.com



Date: 12/19/2019 Work Order: SO-18842 Total Time: 2200.6

I certify that the ELT has been inspected in accordance with FAR 91.207(d).  
 I certify that this aircraft has been inspected in accordance with a 100 hour/ Annual inspection and was found to be in airworthy condition. I also certify that the above listed repairs are airworthy and that the aircraft is approved for return to service.

Signed  
 CFS MNGR501G





US Department  
of Transportation  
Federal Aviation  
Administration

## MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved  
OMB No. 2120-0020  
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

<b>1. Aircraft</b>	Nationality and Registration Mark USA                                      N4482W	Serial No. TH-1964	
	Make RAYTHEON AIRCRAFT	Model 58	Series
<b>2. Owner</b>	Name (As shown on registration certificate) Lunar Petroleum		Address (As shown on registration certificate) Address 4925 Greenville Ave. STE 915
	City Dallas                                      State TX		
	Zip 75206-4021                                      Country USA		

### 3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

### 6. Conformity Statement

<b>A. Agency's Name and Address</b>		<b>B. Kind of Agency</b>	
Name <u>Aero Restorations, Inc.</u>		<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address <u>4660 Jimmy Doolittle Dr</u>		<input type="checkbox"/> Foreign Certificated Mechanic	<b>C. Certificate No.</b>
City <u>Addison</u> State <u>TX</u>		<input checked="" type="checkbox"/> Certificated Repair Station	<u>XROR795Y</u>
Zip <u>75001</u> Country <u>USA</u>		<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual August 24, 2010                      Mike J. Fischer
--	---

### 7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is      Approved      Rejected

<b>BY</b>	FAA Fit Standards Inspector		Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. <b>XROR795Y</b>	Signature/Date of Authorized Individual August 24, 2010                      Mike J. Fischer
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**NOTICE**

*Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.*

**8. Description of Work Accomplished**

*(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

USA N4482W

08/24/2010

Nationality and Registration Mark

Date

Installed Brackett Aircraft LH and RH engine induction air filter kits p/n BA7710, IAW Bracket installation instructions I-194 and under STC SA71GL.

END



Hose Shop 2755 Regent Blvd. DFW Airport 75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 10045446

RH

1. 111417-4S0172
2. 130003-4S0154
3. 130F001-4S0102
4. 130F001-4S0250
5. 130F003-4S0150
6. 130F001-8D0086
7. 124F001-4CR0130 2EA.
8. 124F001-4CR0432

Signed: 

Date: 8-5-10

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001





Hose Shop 2755 Regent Blvd. DFW Airport 75261  
Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## CERTIFICATE OF COMPLIANCE

We hereby certify that the material/s supplied on our delivery ticket or order number against your purchase order number N4482W-RH was/were manufactured in the United States of America and have been inspected and accepted as conforming with current specifications set forth by one or more Government agencies ( Federal Aviation Agency, United States Army, Air Force, and/or Navy). Test/inspection reports are on file with the manufacturer and are available for examination.

### THESE PARTS ARE NOT TSO OR PMA APPROVED

Aviall Order Number: 10045382

Part Numbers:

1. 193000-4D0280

Signed: 

Date: 8-5-10

It is the responsibility of the installer to determine the installation eligibility And that it will not cause the hose assembly to be subjected to conditions In excess of those for which it has been approved.



Hose Shop 2755 Regent Blvd. DFW Airport 75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 10045382

(LH)

1. 111417-4S0172
2. 130003-4S0154
3. 130F001-4S0104
4. 130F001-4S0160
5. 130F003-4S0150
6. 130F002-8D0082
7. 124F001-4CR0130 2EA.
8. 124F001-4CR0432

Signed: 

Date: 8-5-10

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.



Hose Shop 2755 Regent Blvd. DFW Airport 75261  
Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## CERTIFICATE OF COMPLIANCE

We hereby certify that the material/s supplied on our delivery ticket or order number against your purchase order number N4482W-LH was/were manufactured in the United States of America and have been inspected and accepted as conforming with current specifications set forth by one or more Government agencies ( Federal Aviation Agency, United States Army, Air Force, and/or Navy). Test/inspection reports are on file with the manufacturer and are available for examination.

### **THESE PARTS ARE NOT TSO OR PMA APPROVED**

Aviall Order Number: 10045382

Part Numbers:

1. 193000-4D0110

Signed: \_\_\_\_\_

Date: 8-5-10

It is the responsibility of the installer to determine the installation eligibility  
And that it will not cause the hose assembly to be subjected to conditions  
In excess of those for which it has been approved.

FORM # CERT-003



3414 West 29th Street South  
Wichita, KS 67217  
(316) 943-6100 Fax: (316) 943-2917  
FAA Certified Repair Station NV2R045L

**WARRANTY APPLICATION**

**AGB-13965**

**WORK ORDER NO.**



**[LIMITED WARRANTY]**

Turbine Rotables warrants each product to be free from defects in material and workmanship under normal use and service; Turbine Rotables obligation under this warranty will be limited to repairing or replacing at its option any defective parts which fail within the time limit specified by this warranty. In the event a product requires warranty service, the product shall be returned to Turbine Rotables transportation and handling charges prepaid; along with a statement briefly describing the malfunction or reason for returning such product. Turbine Rotables will at its option repair or replace the unit at the nearest Turbine Rotables Dealer or Distributor. THIS WARRANTY DOES NOT INCLUDE ANY LABOR CHARGES. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY, IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER WARRANTIES; EXPRESS OR IMPLIED, PROVIDED WITH THE WRITTEN WARRANTY SET OUT ABOVE. **AVESN: AGB-12594**

**58-380090-1**

**3 PART NUMBER OR 100 HRS**

**WARRANTY PERIOD**

Customer has 18 months from date of certification to install unit and 5 days after installation to register warranty

SERIAL NO.

Return this copy to AEROSPACE TURBINE ROTABLES



3414 West 29th Street South  
Wichita, KS 67217  
(316) 943-6100 Fax: (316) 943-2917  
FAA Certified Repair Station NV2R045L

**WARRANTY APPLICATION**

**AGB-13965**



**[LIMITED WARRANTY]**

Turbine Rotables warrants each product to be free from defects in material and workmanship under normal use and service; Turbine Rotables obligation under this warranty will be limited to repairing or replacing at its option any defective parts which fail within the time limit specified by this warranty. In the event a product requires warranty service, the product shall be returned to Turbine Rotables transportation and handling charges prepaid; along with a statement briefly describing the malfunction or reason for returning such product. Turbine Rotables will at its option repair or replace the unit at the nearest Turbine Rotables Dealer or Distributor. THIS WARRANTY DOES NOT INCLUDE ANY LABOR CHARGES. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY, IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER WARRANTIES; EXPRESS OR IMPLIED, PROVIDED WITH THE WRITTEN WARRANTY SET OUT ABOVE. **AVESN: AGB-12594**

**58-380090-1**

**3 PART NUMBER OR 100 HRS**

**WARRANTY PERIOD**

Customer has 18 months from date of certification to install unit and 5 days after installation to register warranty

SERIAL NO.

RETAIN THIS COPY

1. Approving National Aviation Authority/Country: **FAA/UNITED STATES**

2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG **AGB-12594**

4. Organization Name and Address: **Aerospace Turbine Rotables, Inc. 3414 West 29th Street South Wichita KS 67217**

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/A/A
1	LANDING GEAR MOTOR	58-380090-1	N/A	1	11571 AGB-12594	OVERHAULED

13. **SEE W/O. OVERHAULED & CERTIFIED IAW CMM 102-590000-21, REV. A5, 11/26/85 FULL DETAILS HELD ON WORK ORDER**

\*Certifies that the work specified in block 12/13 was carried out in accordance with EASA part - 145 and with respect to the work the aircraft component is considered ready for release to service under the EASA Approval Certificate Number EASA.145-0337

14. Certifies the items identified above were manufactured in conformity with:

- Approved design data and are as a condition for release to service.
  - Non-approved design data specified in Block 13.
  - 14 CFR 139 Return to Service
- Other regulations specified in Block 13

15. Author: <b>N/A</b>	16. Approval: <b>N/A</b>	20. Authorized Signature: <i>William E. Briggs</i>	21. Approval Certificate No.: <b>NV2R045L</b>
17. Name: <b>N/A</b>	18. Date rec'd: <b>N/A</b>	22. Name (Typed): <b>WILLIAM E. BRIGGS</b>	23. Date (m/d/y): <b>AUG 17 2010</b>

**User/Installer Responsibilities**

It is important to understand that the issuance of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-04) \*Installer must cross-check eligibility with applicable technical data. NSN: 0002-010-012-9005

**Cust...: 1033-TEX-AIR PARTS INC.**

**Part...: 58-380090-1**



**Desc...: LANDING GEAR MOTOR**

**AE W/O.: AGB-13965**



**AE S/N: AGB-12594**

**Mfg S/N: 11571**



**P/O...: 042900**



3414 West 29th Street South  
Wichita, KS 67217

FAA CERTIFIED REPAIR STATION NV2R045L

AVIONICS CHECKS

INSTRUMENTS

1. Approving National: 2. AUTHORIZED RELEASE CERTIFICATE  
 Aviation Authority/Country: FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG  
 FAA/United States

3. Form Tracking Number: R85758  
 4. Organization Name and Address: DUKES AEROSPACE, INC. CERTIFICATE NO. 1DUR590B 9060 WINNETKA AVE.  
 NORTHBRIDGE, CA 91324-3293 Phone: 818/998-9811  
 5. Work Order/Contract/Invoice Number: 57859

6. Item	7. Description	8. Part No.	9. Eligibility*	10. Qty.	11. Serial/ Batch No.	12. Status/Work
1	FUEL BOOST PUMP, 2 SPEED 28VDC	4404-00-7NV	N/A	1	4870	OVERHAULED

13. REMARKS: UNIT FUNCTIONS PER ATP 4404-04-7NV REV. "E".  
 OVERHAULED PER 4404-00-7NV REV. "L".  
 THE TEARDOWN REPORT # R85758 DESCRIBING THE ACTUAL WORK PERFORMED IS ATTACHED.  
 THE PRESCRIBED WORK WAS PERFORMED IN ACCORDANCE WITH FAA APPROVED DATA.  
 DUKES AEROSPACE, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12 & 13  
 WAS PERFORMED IN ACCORDANCE WITH EASA IMPLEMENTATION RULE PART 145, AND  
 WITH RESPECT TO THAT WORK, THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR  
 RELEASE TO SERVICE UNDER EASA APPROVAL NUMBER EASA.145.4391  
 T.S.N.: UNK

14. Certifies the items identified above were manufactured in conformity to:  
 Approved design data and are in condition for safe operation.  
 Non-approved design data specified in Block 13.

15. Authorized Signature: \_\_\_\_\_  
 16. Approval/Authorization No.: \_\_\_\_\_  
 17. Name (Typed or Printed): \_\_\_\_\_  
 18. Date: (m/d/y) \_\_\_\_\_  
 19.  14 CFR 43.9 Return to service.  Other regulation specified in Block 13.  
 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.  
 20. Authorized Signature: *Amandel*  
 21. Approval / Certificate No.: 1DUR590B  
 22. Name (Typed or Printed): MANDEL, GENE CHIEF INSPECTOR  
 23. Date: (m/d/y) AUG/12/2010

16. User/Installer Responsibilities  
 It is important to understand that the existence of this document does not automatically constitute authority to install the part/component/assembly.  
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.  
 Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



1. Approving National Aviation Authority/Country: **2. AUTHORIZED RELEASE CERTIFICATE**  
 FAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL, TAG

3. Form Tracking Number: **R85757**  
 4. Organization Name and Address: **1DUR590B 9060 WINNETKA AVE. DUKES AEROSPACE, INC. CERTIFICATE NO. 1DUR590B 9060 WINNETKA AVE. NORTHBRIDGE, CA 91324-3293 Phone: 818/998-9811**  
 5. Work Order/Contract/Invoice Number: **57859**

6. Item Description	7. Part No.	8. Eligibility*	9. Qty.	10. Serial/Batch No.	11. Status/Work
1 FUEL BOOST PUMP, 2 SPEED 28VDC	4404-00-7NV	N/A	1	4880 <b>RH</b>	OVERHAULED

13. REMARKS: UNIT FUNCTIONS PER ATP 4404-04-7NV REV. "E".  
 OVERHAULED PER 4404-00-7NV REV. "L".  
 THE TEARDOWN REPORT # R85757 DESCRIBING THE ACTUAL WORK PERFORMED IS ATTACHED.  
 THE PRESCRIBED WORK WAS PERFORMED IN ACCORDANCE WITH FAA APPROVED DATA.  
 DUKES AEROSPACE, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12 & 13 WAS PERFORMED IN ACCORDANCE WITH EASA IMPLEMENTATION RULE PART 145, AND WITH RESPECT TO THAT WORK, THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL NUMBER EASA.145.4391  
**T.S.N.:UNK**

14. Certifies the items identified above were manufactured in conformity to:  
 14 CFR 43.9 Return to service.  Other regulation specified in Block 13.  
 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.  
 Approved design data and are in condition for safe operation.  
 Non-approved design data specified in Block 13.


15. Authorized Signature: \_\_\_\_\_  
 16. Approval/Authorization No.: \_\_\_\_\_  
 20. Authorized Signature: *Gene Mandel*  
 21. Approval / Certificate No.: **1DUR590B**  
 17. Name (Typed or Printed): \_\_\_\_\_  
 18. Date: (m/d/y) \_\_\_\_\_  
 22. Name (Typed or Printed): **MANDEL, GENE CHIEF INSPECTOR**  
 23. Date: (m/d/y) **AUG/12/2010**

**User/Installer Responsibilities**  
 It is important to understand that the existence of this document does not automatically constitute authority to install the part/component/assembly.  
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: <b>63434</b>	
4. Organization Name and Address: <b>Air Dallas Instruments, Inc.</b> 811 Office Park Circle Lewisville, Texas 75057		Certificate No.: <b>VE1R555K</b>		5. Work Order/Contract/Invoice Number: <b>63434</b>	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:
1	Turn Coordinator	1394T100-7Z	N/A	1ea.	2012-64
12. Status/Work: OVERHAULED					

13. Remarks:  
Overhauled and tested to mfg. specs. in accordance with MM-34-20-43/dated 12-04. Details on file under W.O. # 63434 and tracking #63434  
Alt Number C661003-0506

Certifies that the work specified in Blocks 12/13 was carried out in accordance with EASA Part-145, and with respect to that work, the component is considered ready for release to service under EASA Part-145 Approval Number: EASA 145-4077.

14. Certifies the items identified above were manufactured in conformity to:		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13	
<input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature:		21. Approval/Certificate No.: <b>VE1R555K</b>	
16. Approval/Authorization No.:		20. Authorized Signature: 	
17. Name (Typed or Printed):		22. Name (Typed or Printed): Gary D. Barnfield	
18. Date (m/d/y):		23. Date (m/d/y): Nov/23/2009	

**User/Installer Responsibilities**

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Approving National Aviation Authority / Country :

FAA / UNITED STATES

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3 Form Tracking Number:

AA 00066923

4 Organization / Name and Address

Aero Accessories, Inc. 1240 Springwood Avenue, Gibsonville, N.C. 27249 USA  
FAA-PMA (PQ1206CE)

5 Work Order / Contract / Invoice Number:

74384

6 Item	7 Description	8 Part Number	9 Eligibility *	10 Quantity	11 Serial / Batch Number	12 Status / Work
1	DRY AIR PUMP	442CW-12	N/A	2	BLOCK 13	OVERHAULED

13 Remarks

OVERHAULED IN ACCORDANCE WITH ONE OF THE FOLLOWING FAA APPROVED PROCESSES: 203-6-1009, 203-6-1010, 203-6-1011, 203-6-1012

Certifies that the work specified in blocks 12/13 was carried out in accordance with FAR-145 and in respect to that work the component is considered ready for release under EASA Acceptance Certificate Number EASA.145.5682

2 Each 442CW Series (442CW-12)  
S/N 68138 68139

53060



19.  14 CFR 43.9 Return To service  
 Other Regulation Specified in Block 13  
 Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

20. Authorized Signature  
*Victor Harris*

21. Approval/Certificate No.: **YV4R688M**

22. Name (Typed or Printed)  
 Victor Harris

23. Date (M/D/Y)  
 Oct/05/2009

### User / Installer Responsibilities

It is the responsibility of the user/installer to ensure that the work specified in block 13 is carried out in accordance with the national regulations of the country specified in block 1. It is essential that the user/installer ensures that higher Airworthiness Authority accepts the work specified in block 13.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, the user/installer must ensure that the work is carried out in accordance with the national regulations of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

**Installer must cross check eligibility with applicable data.**

FAA Form 8130-3 (06 - 01)

Pagework Reduction Act Statement

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number associated with this collection of information is 2120-00-0120-0018. Comments

concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at 800 Independence Ave. SW, Washington DC 20591. Attn: Informal Collection Clearance Officer, ABA-20

NSN 0052-00-012-9006

2. **Approving National Aviation Authority / Country:**  
**FAA / UNITED STATES**

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. **Form Tracking Number:**  
AA 00066923

5. **Work Order / Contract / Invoice Number:**  
74569

4. **Organization / Name and Address:**  
Aero Accessories, Inc. 1240 Springwood Avenue, Gibsonville, N.C. 27249 USA  
FAA-PMA (PQ1206CE)

6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial / Batch Number	12. Status / Work
1	DRY AIR PUMP	442CW-12	N/A	1	BLOCK 13	OVERHAULED

13. **Remarks**  
 OVERHAULED IN ACCORDANCE WITH ONE OF THE FOLLOWING FAA APPROVED PROCESSES: 203-6-1009, 203-6-1010, 203-6-1011, 203-6-1012  
 Certifies that the work specified in blocks 12/13 was carried out in accordance with FAR-145 and in respect to that work the component is considered ready for release to service under EASA Acceptance Certificate Number EASA.145.5682  
 1 Each 442CW Series (442CW-12)  
 S/N 68421

53060

19.  **14 CFR 43.9 Return To service**  
 Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

20. **Authorized Signature:** *Victor Harris*

21. **Approval Certificate No.:** YV4R688M

22. **Name (Typed or Printed):** Victor Harris

23. **Date (M/D/Y):** Oct/16/2009

**User / Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user / installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, assemblies from the Airworthiness Authority of the country specified in block 1, Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may be flown.

**Installer must cross check eligibility with applicable data.**





1. Approving National Aviation Authority/Country:  
FAA/UNITED STATES

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:  
AAR-8367

4. Organization Name and Address:



5. Work Order/Contract/Invoice Number:  
1005533

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
2	Propeller Assembly	PHC-J3YF-2UF	TBD	1	ED4282B	Overhauled

13. Remarks: Overhauled and statically balanced propeller in accordance with Hartzell Maintenance Manuals 117D R14, 202A V1 R36, V2 R28, V3 R31, V6 R29, V7 R32, V8 R28, V9 R29, V10 R31, V11 R30, 133C R26, 159 R13, 182 R5, 127 R2 and BFG 30-60-02 Rev. Date 03/20/2002. Replaced 3ea bearing races, spring guide and rear hub plug. Complied with service bulletins 61-136 RI and 61-226. There are no Airworthiness Directives that apply to the overhaul of this propeller.

PTSN- UNK  
PTSO- 0.0

Blade Model- FC7663-2R

Blade Serial

#1- J47084  
#2- J47087  
#3- J47088

Certifies that the work specified in block 12/13 was carried out in accordance with EASA 145 and in respect to that work the part considered ready for release to service under EASA Acceptance Certificate Number EASA 145-4008.

14. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in condition for safe operation.
- Non-approved design data specified in Block 13.

19.  14 CFR 43.9 Return to Service

Other regulation specified in Block 13

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

*Shane Austin*

21. Approval/Certificate No.:  
CRS JR2R036K

17. Name (Typed or Printed):

18. Date (m/d/y):

22. Name (Typed or Printed):  
Shane Austin, Quality Control Inspector

23. Date (m/d/y):  
NOV/24/2009

### User/Installer Responsibilities


It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



R.H.



<b>1. Approving National Aviation Authority/Country:</b> FAA/UNITED STATES		<b>2.</b> <h1 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h1> <p style="text-align: center;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</p>		<b>3. Form Tracking Number:</b> AAR-8366	
<b>4. Organization Name and Address:</b> <div style="text-align: center;">   <b>AAR AIRCRAFT SERVICES</b>            OKLAHOMA  <small>4111 S. Meridian Avenue Oklahoma City, Oklahoma 73119</small> </div>		<b>5. Work Order/Contract/Invoice Number:</b> 1005533			
<b>6. Item:</b>	<b>7. Description:</b>	<b>8. Part Number:</b>	<b>9. Eligibility:</b> *	<b>10. Quantity:</b>	<b>11. Serial/Batch Number:</b>
1	Propeller Assembly	PHC-J3YF-2UF	TBD	1	ED4279B
<b>12. Status/Work:</b> Overhauled					
<b>13. Remarks:</b> Overhauled and statically balanced propeller in accordance with Hartzell Maintenance Manuals 117D R14, 202A V1 R36, V2 R28, V3 R31, V6 R29, V7 R32, V8 R28, V9 R29, V10 R31, V11 R30, 133C R26, 159 R13, 182 R5, 127 R2 and BFG 30-60-02 Rev. Date 03/20/2002. Replaced 1ea hub bolt, low stop and rear hub plug. Complied with service bulletins 61-136 RI and 61-226. There are no Airworthiness Directives that apply to the overhaul of this propeller.					
<b>PTSN- UNK</b> <b>PTSO- 0.0</b>		<b>Blade Model-</b> FC7663-2R	<b>Blade Serial</b> #1- J47089 #2- J47095 #3- J47091	Certifies that the work specified in block 12/13 was carried out in accordance with EASA 145 and in respect to that work the part considered ready for release to service under EASA Acceptance Certificate Number EASA 145- 4008.	
<b>14. Certifies the items identified above were manufactured in conformity to:</b> <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		<b>19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13</b> Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
<b>15. Authorized Signature:</b>		<b>16. Approval/Authorization No.:</b>		<b>21. Approval/Certificate No.:</b> CRS JR2R936K	
<b>17. Name (Typed or Printed):</b>		<b>18. Date (m/d/y):</b>		<b>23. Date (m/d/y):</b> NOV/24/2009	
Shane Austin, Quality Control Inspector		Shane Austin, Quality Control Inspector			
<b>User/Installer Responsibilities</b>					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

NSN: 0052-00-012-9005

\*Installer must cross-check eligibility with applicable technical data.

FAA Form 8130-3 (6-01)

INSTRUMENT, STATIC, AND AVIONICS CHECKS

SERVICE BULLETIN/SERVICE INSTRUCTION CARD

AIRWORTHINESS

1. Approving National Aviation Authority/Country: **FAA/UNITED STATES**

2. **AUTHORIZED RELEASE CERTIFICATE**  
 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **130658**

4. Organization Name and Address: **Aerospace Welding Minneapolis, Inc. 1045 Gemini Road Eagan MN 55121**

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	TAILPIPE	96-950004-61	N/A	1 each	N/A	OVERHAULED

13. Remarks:  
 REF: WORK ORDER #130658.

Aerospace Welding Minneapolis, Inc. certifies that the work specified in block 12/13 was carried out in accordance with EASA part 145 and in respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number: EASA. 1456155. This form covers certification of the part identified in block 7/8 only and any additional EASA requirements are the responsibility of the installer.

14. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.

Non-approved design data specified in Block 13.

19.  14 CFR 43.9 Return to Service  Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: \_\_\_\_\_

16. Approval/Authorization No.: \_\_\_\_\_

17. Name (Typed or Printed): \_\_\_\_\_

18. Date: \_\_\_\_\_

20. Authorized Signature: *Tom Knaresboro*

21. Approval/Certificate No.: **UWDR792L**

22. Name (Typed or Printed): **Tom Knaresboro**

23. Date (m/d/yy): **12/15/2009**

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01)

\*Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005

1. Approving National Aviation Authority/Country:  
FAA/UNITED STATES

# AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number:  
130057

4. Organization Name and Address:  
Aerospace Welding Minneapolis, Inc. 1045 Gemini Road Eagan MN 55121

5. Work Order/Contract/Invoice Number  
130057

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	STACK	98-950004-35	N/A	1 each	N/A	REPAIRED

13. Remarks:

PER WORK ORDER #130057.

Aerospace Welding Minneapolis, Inc. certifies that the work specified in block 12/13 was carried out in accordance with EASA part 145 and in respect to that work, the component is considered ready for release under EASA part 145 Approval Number: EASA. 1456155. This form conveys certification of the part identified in block 7/8 only and any additional EASA requirements are the responsibility of the installer.

14. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
- Not approved design data specified in Block 13.

19.  14 CFR 43.9 Return to Service  Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorizer Signature

16. Approval Authorization No.:

20. Authorized Signature

21. Approval/Certificate No.:  
UWDR792L

17. Name (Typed or Printed)

18. Date:

22. Name (Typed or Printed):  
Tom Knatesboro

23. Date (m/d/yy):  
12/15/2009

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the work/installer ensures that either airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1.

Records in Block 16 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations of the country in which the aircraft may be flown.

\*This document does not confer eligibility with applicable technical data.



1. Approving National Aviation Authority/Country:  
**FAA/UNITED STATES**

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:  
 130656

4. Organization Name and Address:

**Aerospace Welding Minneapolis, Inc. 1045 Gemini Road Eagan MN 55121**

5. Work Order/Contract/Invoice Number  
 130656

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	STACK	96-950004-31	N/A	1 each	N/A	OVERHAULED

13. Remarks:

REF: WORK ORDER #130656.

Aerospace Welding Minneapolis, Inc. certifies that the work specified in block 12/13 was carried out in accordance with EASA part 145 and in respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number:EASA. 1456155. This form covers certification of the part identified in block 7/8 only and any additional EASA requirements are the responsibility of the installer.

14. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
- Non-approved design data specified in Block 13.

19.  14 CFR 43.9 Return to Service  Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

*Heintzelman*

20. Authorized Signature

21. Approval/Certificate No.:  
**UWDR792L**

17. Name (Typed or Printed):

Tom Knaresboro

22. Name (Typed or Printed):

23. Date (m/d/y):  
 12/15/2009

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005

\*Installer must cross-check eligibility with applicable technical data.



1. Approving National Aviation Authority/Country: **FAA/UNITED STATES**

2. **AUTHORIZED RELEASE CERTIFICATE**  
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: **130655**

4. Organization Name and Address: **Aerospace Welding Minneapolis, Inc. 1045 Gemini Road Eagan MN 55121**

5. Work Order/Contract/Invoice Number: **130655**

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	STACK	96-950004-27	N/A	1 each	N/A	OVERHAULED

13. Remarks:  
 REF: WORK ORDER #130655.

Aerospace Welding Minneapolis, Inc. certifies that the work specified in block 12/13 was carried out in accordance with EASA part 145 and in respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number: EASA. 1456155. This form covers certification of the part identified in block 7/8 only and any additional EASA requirements are the responsibility of the installer.

14. Certifies the items identified above were manufactured in conformity to:

14 CFR 43.9 Return to Service  Other regulation specified in Block 13

Approved design data and are in a condition for safe operation.  
 Non-approved design data specified in Block 13.

19. Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature: \_\_\_\_\_

16. Approval/Authorization No.: \_\_\_\_\_

17. Name (Typed or Printed): \_\_\_\_\_

18. Date: \_\_\_\_\_

20. Authorized Signature: *Tom Knaresboro*

21. Approval/Certificate No.: **UWDR792L**

22. Name (Typed or Printed): **Tom Knaresboro**

23. Date (m/d/y): **12/15/2009**

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.





# INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_  
 Reg # \_\_\_\_\_ Owner's Name \_\_\_\_\_

ITEM	DATE/TIME DUE   [CHECKED]	INSPECTED BY	COMPLYING AGENCY	NOTATIONS	NEXT DUE
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**PIEDMONT AVIATION SERVICES INC**

Roanoke Regional Airport • 22 Waypoint Drive NW • Roanoke, VA 24012  
REPAIR STATION #00R20K

*Beech Bonanza 55 - S/N TH-1964. H/M 327.0*

I certify that the altimeter, static system and altitude reporting system integration test and inspection required by FAR91.411 has been performed and was found to be in compliance with Appendix E of FAR part 43.

Static System Test Date 12/14/02 Altitude Reporting Test Date 12/14/02  
 Altimeter(s) \_\_\_\_\_  
 S/N 31342 Date 12/14/02 Test to 35K feet  
 S/N \_\_\_\_\_ Date \_\_\_\_\_ Test to \_\_\_\_\_ feet

I certify that the following ATC Transponder(s) have been tested and inspected as required by FAR 91.413 and are in compliance with Appendix F of FAR part 43.

#1 Model King S/N 11016  
 #2 Model \_\_\_\_\_ S/N \_\_\_\_\_

Date 12/14/02  
 Signature [Signature] WO# A001132

For: Piedmont Hawthorne Aviation  
 FAA Repair Station PIQR320K

THE ALTIMETER, PRESSURE ALTITUDE REPORTING AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX E & F

ALTIMETER 20,000 FT 1/4/05 DATE  
 ENCODER 20,000 FT 1/4/05 DATE  
 STATIC SYS 20,000 FT 1/4/05 DATE

SYSTEM TESTED - PILOT/COPILOT PILOT

BY [Signature] WO A-2160

INSPECTOR FOR  
 Piedmont Aviation Services Inc. Norfolk Int'l Airport  
 Norfolk, Virginia PIQR321K

PIEDMONT HAWTHORNE AVIATION  
 NORFOLK INTERNATIONAL  
 AIRPORT  
 NORFOLK, VIRGINIA  
 FAA REPAIR STATION FIGR321K

03

4482W

ALTIMETER AND PITOT/STATIC SYSTEM TEST  
 Altitude Pressure

Alt. ft.	In. Hg.	Tolerance	ft. Error
-1,000	31.02	± 20	0
0	29.92	20	0
500	29.38	20	0
1,000	28.86	20	0
1,500	28.33	25	10
2,000	27.82	30	0
3,000	26.82	30	0
4,000	25.84	35	5
6,000	23.98	40	5
8,000	22.22	60	15
10,000	20.58	80	35
12,000	19.03	90	20
14,000	17.58	100	25
16,000	16.22	110	45
18,000	14.94	120	30
20,000	13.75	130	45
22,000	12.64	140	
25,000	11.10	155	
30,000	8.89	180	
35,000	7.04	205	
40,000	5.54	230	
45,000	4.36	255	
50,000	3.43	280	

Pressure Altitude Difference

In. Hg.	Alt. Diff.	Error FL
28.10	-1,727	0
28.50	-1,340	0
29.00	- 863	10
29.50	- 392	0
29.92	0	-
30.50	+ 531	0
30.90	+ 893	0
30.99	+ 974	0

FRICTION

Alt. Ft.	Tolerance Ft.	Error
1,000	± 70	20
2,000	70	20
3,000	70	25
5,000	70	20
10,000	80	25
15,000	90	35
20,000	100	30
25,000	120	
30,000	140	
35,000	160	
40,000	180	
50,000	250	

ATIONS | NEXT  
 | DUE

Test Tolerance

Test	Tolerance (Feet)	Error (Feet)
Case Leak Test	±100	50
Hysteresis Test		-
First test point (50% max alt)	75	-
Second test point (40% max alt)	75	-
After Effect Test	30	0

ALTIMETER MAKE As INSTALLED MODEL                      SERIAL #                       
 DATE 1/4/05 INSPECTOR [Signature]

PIEDMONT HAWTHORNE AVIATION

DATE: 05/24/05 MODEL: 58 S/N: TH-1964 TT: HM: 560.4 N# 4482W WO# A004074

I Certify that the following Altimeter(s), Static System(s) and Altitude Reporting System(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

Altimeter:

#1 Model KEA130A S/N 31345 Date: 05/24/2005 MFGR: Bendix/King  
 Altitude reporting system tested to 25,000 feet.

I certify that the following Equipment have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

Transponder

#1 Model KT-76C S/N 11016 Date: 05/24/2005 MFGR: Bendix/King  
 NEXT DUE DATE: 05/2007

APPROVED BY: [Signature] INSPECTOR FOR PIEDMONT HAWTHORNE  
 AVIATION, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A



Model 58  
 S/N TH-1964  
 Reg. # N4482W

**Interstate Turbine Management**  
 6070 Perimeter Rd.  
 North Charleston, SC 29406

Date 10/27/08  
 HOBBS 1198.8  
 WO# 23523

**Aircraft MOC** This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

**Reg #** \_\_\_\_\_ Removed loaner GNS430 and installed original GNS430 after repair, P/N 011-00280-00, S/N 96314143.  
 Removed and reinstalled GNS530 after repair, P/N 011-00550-00, S/N 78300324. Repaired pilot's door handle and reinstalled

*Thomas Beauchemin*

CRS# 11BR578Y

The Main and GPS software is at the latest revision. The Garmin Pilot's Guide & Reference manual GPN 190-00181-00 is being used. No. 0007, 0009, 0012, 0015, 0016, 0021, 0104, 0106, 0107, 0112, 0115, 0202, 0204, 0206, 0216, 0218, 0224, 0308, 0404, 0502, 0503, 0504, 0505, 0506, 0507, 0508, 0509, 0510, 0511, 0512, 0513, 0514, 0515, 0516, 0517, 0518, 0519, 0520, 0521, 0522, 0523, 0524, 0525, 0526, 0527, 0528, 0529, 0530, 0531, 0532, 0533, 0534, 0535, 0536, 0537, 0538, 0539, 0540, 0541, 0542, 0543, 0544, 0545, 0546, 0547, 0548, 0549, 0550, 0551, 0552, 0553, 0554, 0555, 0556, 0557, 0558, 0559, 0560, 0561, 0562, 0563, 0564, 0565, 0566, 0567, 0568, 0569, 0570, 0571, 0572, 0573, 0574, 0575, 0576, 0577, 0578, 0579, 0580, 0581, 0582, 0583, 0584, 0585, 0586, 0587, 0588, 0589, 0590, 0591, 0592, 0593, 0594, 0595, 0596, 0597, 0598, 0599, 0600, 0601, 0602, 0603, 0604, 0605, 0606, 0607, 0608, 0609, 0610, 0611, 0612, 0613, 0614, 0615, 0616, 0617, 0618, 0619, 0620, 0621, 0622, 0623, 0624, 0625, 0626, 0627, 0628, 0629, 0630, 0631, 0632, 0633, 0634, 0635, 0636, 0637, 0638, 0639, 0640, 0641, 0642, 0643, 0644, 0645, 0646, 0647, 0648, 0649, 0650, 0651, 0652, 0653, 0654, 0655, 0656, 0657, 0658, 0659, 0660, 0661, 0662, 0663, 0664, 0665, 0666, 0667, 0668, 0669, 0670, 0671, 0672, 0673, 0674, 0675, 0676, 0677, 0678, 0679, 0680, 0681, 0682, 0683, 0684, 0685, 0686, 0687, 0688, 0689, 0690, 0691, 0692, 0693, 0694, 0695, 0696, 0697, 0698, 0699, 0700, 0701, 0702, 0703, 0704, 0705, 0706, 0707, 0708, 0709, 0710, 0711, 0712, 0713, 0714, 0715, 0716, 0717, 0718, 0719, 0720, 0721, 0722, 0723, 0724, 0725, 0726, 0727, 0728, 0729, 0730, 0731, 0732, 0733, 0734, 0735, 0736, 0737, 0738, 0739, 0740, 0741, 0742, 0743, 0744, 0745, 0746, 0747, 0748, 0749, 0750, 0751, 0752, 0753, 0754, 0755, 0756, 0757, 0758, 0759, 0760, 0761, 0762, 0763, 0764, 0765, 0766, 0767, 0768, 0769, 0770, 0771, 0772, 0773, 0774, 0775, 0776, 0777, 0778, 0779, 0780, 0781, 0782, 0783, 0784, 0785, 0786, 0787, 0788, 0789, 0790, 0791, 0792, 0793, 0794, 0795, 0796, 0797, 0798, 0799, 0800, 0801, 0802, 0803, 0804, 0805, 0806, 0807, 0808, 0809, 0810, 0811, 0812, 0813, 0814, 0815, 0816, 0817, 0818, 0819, 0820, 0821, 0822, 0823, 0824, 0825, 0826, 0827, 0828, 0829, 0830, 0831, 0832, 0833, 0834, 0835, 0836, 0837, 0838, 0839, 0840, 0841, 0842, 0843, 0844, 0845, 0846, 0847, 0848, 0849, 0850, 0851, 0852, 0853, 0854, 0855, 0856, 0857, 0858, 0859, 0860, 0861, 0862, 0863, 0864, 0865, 0866, 0867, 0868, 0869, 0870, 0871, 0872, 0873, 0874, 0875, 0876, 0877, 0878, 0879, 0880, 0881, 0882, 0883, 0884, 0885, 0886, 0887, 0888, 0889, 0890, 0891, 0892, 0893, 0894, 0895, 0896, 0897, 0898, 0899, 0900, 0901, 0902, 0903, 0904, 0905, 0906, 0907, 0908, 0909, 0910, 0911, 0912, 0913, 0914, 0915, 0916, 0917, 0918, 0919, 0920, 0921, 0922, 0923, 0924, 0925, 0926, 0927, 0928, 0929, 0930, 0931, 0932, 0933, 0934, 0935, 0936, 0937, 0938, 0939, 0940, 0941, 0942, 0943, 0944, 0945, 0946, 0947, 0948, 0949, 0950, 0951, 0952, 0953, 0954, 0955, 0956, 0957, 0958, 0959, 0960, 0961, 0962, 0963, 0964, 0965, 0966, 0967, 0968, 0969, 0970, 0971, 0972, 0973, 0974, 0975, 0976, 0977, 0978, 0979, 0980, 0981, 0982, 0983, 0984, 0985, 0986, 0987, 0988, 0989, 0990, 0991, 0992, 0993, 0994, 0995, 0996, 0997, 0998, 0999, 1000.

This "Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00"

All repaired or replaced GARMIN units have a 90-day warranty or the continuation of the original warranty.

14. Certifies the items identified above were manufactured in conformity to:		19.
<input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 13		
15. Authorized Signature	16. Approval/Authorization No.:	20.
N / A	N / A	
17. Name (Typed or Printed)	18. Date (m/d/y)	22.
N / A	N / A	

**User/Installer Release**

It is important to understand that the existence of this Document alone does not automatically constitute certification. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority, block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/certification in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance must be performed in accordance with the national regulations by the user/installer before the aircraft may be flown.



