

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTIONS Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2003 Jan 30 and 2926.6	2926.6		2926.6	100 hour inspection. Inspected wheels, tires, & brakes. Replaced nose wheel bearings & race. Re-packed wheel bearings. Re-sealed brake master cylinders. Greased landing gear. Replaced landing gear motor with overhauled unit serial no. ASB-8088 supplied by Kelly Aerospace Turbine Rotables, W.O. NO. ASB-8440. Performed retraction and emergency extension tests. Replaced both landing gear up-lock springs. Replaced aft hinge on left nose gear door and lower ball joint on right nose gear door. Lubricated and inspected flight control hinges, pulleys, and rod-ends. Checked all lights and E.L.T. for operation. E.L.T. battery date 7-03. Replaced strobe power supply with overhauled unit supplied by Aero Electric.

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Replaced static wick and mount on left wing tip. Serviced tires, brakes, and battery. Replaced inst. air main filter and vac. inlet filter. AD 95-04-03 spec carry-through due at tach 3036. CW AD 2000-26-16 missing rivets, by installing rivets, no further action required. Operational inspection O.T.
<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITHIN A 100 hour</p> <p>WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT 2926.6 HRS. DATE 01/30/03 BY <u>Charles C. Clark, 492848503APP</u></p> <p>SPRINGFIELD FLYING SERVICE SPRINGFIELD, MISSOURI</p>				
<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITHIN A 100 hour</p> <p>WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT 2926.6 HRS. DATE 01/30/03 BY <u>Charles C. Clark, 492848503APP</u></p> <p>SPRINGFIELD FLYING SERVICE SPRINGFIELD, MISSOURI</p>				

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Hanger 3 Wiley Post Airport ■ Bethany, OK 73008 ■ Certified Repair Station # R26R554Y  
Phone: 405/782-0087 ■ Fax: 405/789-0089

Make Beech Model B36TC Serial No. EA390 Reg. No. N490M Hobbs Time 3034.0

The Pilot/Static and Transponder system tests and inspections required by FAR 91.411 and 91.413 were performed on 11/13/2003 date and found to comply with FAR 43, appendix E and F.

	Transponder # 1	Altimeter # 1	Transponder # 2	Altimeter # 2
Model	KT 79	United Instr.	N/A	United Instr.
Part #	066-1053-00	5934A-1	N/A	5501-SI
Serial #	1789	5A936	N/A	1161

Details of this inspection are on file at this Repair Station under W.O. 5810x.

Raul C. Gomez 446725373

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Hanger 3 Wiley Post Airport ■ Bethany, OK 73008  
Phone: 405/782-0087 ■ Fax: 405/789-0089

Make Beech Model B36TC Serial No. EA390 Reg. No. N490M Hobbs Time 3034.0

Removed Altitude Pre-select/ Altitude Alert KAS 297 P/N 065-0046-02 S/N 2459 and sent to Kings Avionics CRS# TP2R185L for repair. Installed repaired KAS 297 P/N 065-0046-02 S/N 2459. Removed Airspeed P/N EA-5176-247L BEC S/N 4528 and sent to Porter-Strait Instrument Co. CRS# E12R795K for repair. Installed repaired Airspeed P/N EA-5176-247L BEC S/N 4528. Performed Operational Check, found no discrepancies. Work was performed at this facility under Work Order No. 5810.

Raul C. Gomez A&P-446725373  
Date 11/17/2003



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)												
DATE																
<p align="center"><b>E.T. Mechanical, Inc.</b></p> <p align="center">FAA REPAIR STATION # UEIR803L</p> <table border="1"> <tr> <td>Date:</td> <td>11/18/03</td> <td>Make:</td> <td>Beech</td> <td>Model:</td> <td>B36TC</td> </tr> <tr> <td>S/N:</td> <td>EA-390</td> <td>Hr. Meter:</td> <td>3034.0</td> <td>Reg.#:</td> <td>N490M</td> </tr> </table> <p align="center">-AIRFRAME LOGBOOK ENTRY-</p> <p>T.S.N. 3034.0</p> <p>Performed an <b>Annual Inspection</b> and all routine servicing in accordance with the Beech inspection guide. Landing gear retraction test performed in both normal and emergency modes. Dressed and painted prop blades. Rigged landing gear system in accordance with the B36TC maintenance manual. Re-sealed L/H brake caliper and pilot's L/H master cylinder - bled brake system.</p> <p>Installed the following new parts: ELT battery {Nov '05}, intercooler rubber mounts, battery cooling duct, fuel pump cooling duct, prop control rod end, mixture control rod end, throttle control rod end, heat muff inlet duct, R/H wing lower gap seal, fuel cap orings, R/H wing outboard static wick, R/H elevator inboard static wick, L/H outboard fuel vent interconnect hose, various required placards, oxygen</p> <p align="right"><b>HANGAR 3 • WILEY POST AIRPORT • BETHANY, OK 73008</b></p>					Date:	11/18/03	Make:	Beech	Model:	B36TC	S/N:	EA-390	Hr. Meter:	3034.0	Reg.#:	N490M
Date:	11/18/03	Make:	Beech	Model:	B36TC											
S/N:	EA-390	Hr. Meter:	3034.0	Reg.#:	N490M											

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<p align="center"><b>E.T. Mechanical, Inc.</b></p> <p align="center">FAA REPAIR STATION # UEIR803L</p> <p>bottle overpressure fitting and relief disc, oxygen overpressure indicator disc, oxygen bottle service line, fwd shimmy damper attach bolt, L/H brake pads, nose gear forward retract rod end and bolt, nose gear aft retract rod ends and bolts, cabin heat duct, fresh air inlet duct, oil pressure switch tee fitting, MLG uplock springs (small), L/H MLG uplock switch, #1 &amp; #6 cylinder CHT probes, #3 &amp; #4 EGT probes and oil sump quick drain.</p> <p>Installed a new <b>oxygen bottle</b>; P/N 7RC1000HT, S/N 786891, Mfg date: 9/2003. Hydrostatic test due every 3 years {3HT1850}.</p> <p>Installed customer provided <b>Reiff Corp. HotStrip Oil sump heater and HotBand Cylinder Heating System</b>, {FAA-PMA No. PQ2585CE}, in accordance with the Reiff Installation Instructions. FAA form 337 is not required per Reiff Corp. Installation Instructions.</p> <p align="right"><b>HANGAR 3 • WILEY POST AIRPORT • BETHANY, OK 73008</b></p>				

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## E.T. Mechanical, Inc.

FAA REPAIR STATION # UEIR803L

Verified AD 87-18-06R1, Amend. 39-5837, Beech hydrolock actuators, is not applicable by installed equipment. Complied with AD 95-04-03, Amend. 39-9155, Beech spar carry-thru inspection per para "a" & MSB# 2360. No cracks noted - due next at Hr meter 3534.0. ADs checked thru latest issue. I certify that this aircraft has been inspected in accordance with an Annual Inspection and is approved for return to service this date. \_\_\_\_\_

END

ELT battery due: 11/05  
Alt. & Static due: 11/05  
Transponder due: 11/05  
O2 Bottle hydro due: 9/06

Edward C. Schwartz  
President/Inspector  
CRS# UEIR803L WO# 8000

HANGAR 3 • WILEY POST AIRPORT • BETHANY, OK 73008

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**SWAS**

SOUTHWEST AVIATION SPECIALTIES, LLC

918/298-4044 Fax 918/298-6930

LOGBOOK ENTRY

490M

EA390

Aircraft Reg: N

10/18/04

Aircraft Serial No.:

3158.7

Date:

3158.8

Aircraft Total Time:

04-763

Hobbs:

Work Order No.:

Removed worn to limits left brake linings and  
Patched ~~Remark~~ with new linings and new disc. Installed  
IAW Cleveland MM. Bled left brake for proper operation. As to  
the work accomplished this aircraft is considered to be in an airworthy  
condition and is returned to service this date.

Christopher A. Albrecht  
CRS# S20R819N

4/17

3158.5

5

Clear annual inspection signed. ET Mech. Carry



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## *E. T. Mechanical, L.L.C.*

FAA Repair Station # UEIR803L

Date: 10/20/04 Make: Beech Model: B36TC  
S/N: EA-390 Hr. Meter: 3159.4 Reg.#.: N490M

### -AIRFRAME LOGBOOK ENTRY-

- 1) Installed a M-20 Oil Separators, LLC model 300 air/oil separator. Air/Oil separator installed in accordance with STC# SA02033AT & M-20 Oil Separators, LLC Installation Instructions, dated July 1, 1999, revised November 28, 2001. Weight and Balance change negligible. FAA form 337 completed and filed.
- 2) Installed new brake linings on R/H main only.
- 3) Aircraft ground ran with brake operation checking ok and no leaks found.

END

Edward C. Schwartz  
President/Inspector  
CRS# UEIR803L WO# 8270

5604 Philip J. Rhoads Ave. • Hangar 3, Wiley Post Airport • Bethany, OK 73008

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## *E. T. Mechanical, L.L.C.*

FAA Repair Station # UEIR803L

Date: 12/13/04 Make: Beech Model: B36TC  
S/N: EA-390 Hr. Meter: 3191.0 Reg.#.: N490M

### -AIRFRAME LOGBOOK ENTRY-

T.S.N. 3191.0  
Performed an Annual Inspection and all routine servicing in accordance with the Beech inspection guide. Landing gear retraction test performed in both normal and emergency modes. Dressed and painted prop blades. Removed and reinstalled cabin heat muffler using new gaskets after pressure checking - no leaks noted.

Installed the following new parts: Brackett air filter element, aft facing seat rollers, post lights for fuel selector, one set of rollers on copilot's seat, R/H flap bonding strips, L/H flap actuator attach bolt and bushing and oxygen bottle over-pressure disc and indicator disc.

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**E. T. Mechanical, L.L.C.**  
FAA Repair Station # UEIR803L

Propeller has two deice boots that are inop. Advised owner - no action taken per owner. Disabled system and installed inop placard next to switch.

ADs checked thru latest issue. I certify that this aircraft has been inspected in accordance with an Annual Inspection and is approved for return to service this date.

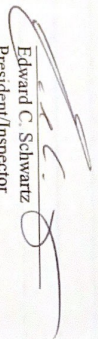
END

ELT battery due: 11/05

Alt. & Static due: 11/05


Transponder due: 11/05

O2 Bottle hydro due: 9/06

  
 Edward C. Schwartz  
 President/Inspector  
 CRS# UEIR803L WO# 8298

5604 Philip J. Rhoads Ave. • Hangar 3, Wiley Post Airport • Bethany, OK 73008

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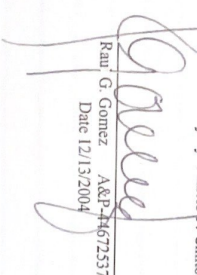


Hangar 3 Wiley Post Airport • Bethany, OK 73008

Phone: 405/783-0087 • Fax: 405/789-0089

Make Beech Model B36TC Serial No. EA390 Reg. No. N490M Hobbs Time 3191.0

Repaired wires leading to K-X-155 P/N069-102-4/10 S/N 1016. Performed Operational Check, found no discrepancies. Work was accomplished at this facility by Charles P. Chilton under Work Order No. 6072

  
 Rau G. Gomez A&P 446725373  
 Date 12/13/2004



[illegible]

# PEARCE AIRCRAFT SERVICES, INC.

MEADOW LAKE AIRPORT PEYTON COLORADO 80831 719 683 3314 719 683 4220 fax

DATE 12-15-2005 TYPE B36TC TACH ~~402~~338.5 TIS 2338.5 REGISTRATION N490M SERIAL # EA-390

1. INSPECTED AND SERVICED USING BEECH 98-32227H AS A GUIDE.
  2. C/W 84-26-02 BY INSPECTION OF TURBO ADAPTER.
  3. C/W AD 89-24-03 BY INSPECTION AND TEST OF THE ELT AND ANTENNA
  4. C/W TITLE 14 CFR PART 91.207(d) BY INSPECTION IT EXPIRES 01 JAN 2008.
  5. REPLACED ELT BATTERY WITH A NEW 00-10-009. IT EXPIRES 01 JAN 2008.
  6. REPLACED THE MAIN WHEEL TIRES WITH NEWLY RETREADED 700X6 TIRES. THE TIRES BEAR APPROVAL FOR AVIATION USE ISSUED BY AN FAA APPROVED REPAIR STATION. THE OWNING PARTNER WAS ADVISED OF THE BEECH WARNING THAT RETREADED TIRES ARE NO TO BE USED ON MODEL 33, 35 OR 36 SERIES AIRCRAFT.
  7. THE NOSE TIRE WAS ALSO REPLACED WITH A RETREADED 500X5 FLIGHT SPECIAL. SEE 6 ABOVE.
  8. THE ABOVE TIRES WERE OWNER FURNISHED.
  9. THE TURBO IMPELLER BLADES WERE DAMAGED BY AN UNKNOWN FOREIGN OBJECT. THE TURBO WAS REMOVED AND REPLACED WITH AN OVERHALED 406610-9029 TURBO ASSY. SERIAL HGR00664.
  10. REPLACED THE O RING SEALS OF THE LEFT BRAKE CALIPER CYLINDERS WITH NEW 2 MS 28775-222.
  11. REPLACED THE SEVERELY WORN LEFT BRAKE LINING PADS WITH NEW 066-10500 PADS. SERVICED AND BLEED THE SYSTEM.
  12. REPLACED THE DAMAGED LEFT REAR ENGINE MOUNT WITH A SERVICEABLE LIKE ITEM.
  13. ADDED AN AN-4 WASHER TO THE RIGHT ELEVATOR INBOARD FITTING TO PROPERLY CENTER THE ELEVATOR BEARINGS IN THE BRACKETS.
  14. ONE PROPELLER BLADE ANTI ICE SYSTEM IS INOPERATIVE. THE ANTI ICE SYSTEM HAS BEEN PLACARDED AS INOPERATIVE AND THE POWER LEAD FROM THE SWITCH DISCONNECTED.
- I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AND AIRWORTHY CONDITION.

*WJL* WILLIAM J TAYLOR A&P 524291128 IA

YEAR:	RECORDING	TOTALS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
DATE	TACH	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MEADOW LAKE AIRPORT PEYTON COLORADO 80831 719 683 3314 719 683 4220 fax

1. REMOVED THE PROPELLER FOR OVERHAUL BY ROCKY MOUNTAIN PROPELLERS, INC.
2. INSTALLED THE PROPELLER 3A32C-406-B, SERIAL 830704, PROPELLER TIME IN SERVICE IS 1430.3 AND ZERO SINCE OVERHAUL AT INSTALLATION.
3. INSTALLED NEW TURBO HEAT SHROUD P/N 36910025-9

*WJL* WILLIAM J TAYLOR A&P 524291128 IA

As per propeller log book,  
Hdbs and Total Time is 3351  
Propeller Total Time 3351  
"0" Since Overhaul.



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	DATE	TYPE	SERIAL	REGISTRATION	TACH	TIS
	MEADOW LAKE AIRPORT PEYTON AIRCRAFT SERVICES, INC. PEYTON COLORADO 80831 719 683 3314 719 683 4220 fax					
	12-07-2006	B36TC	EA390	N490M	3432.0	3432.0
	1. INSPECTED AND SERVICED USING BEECH 98-3227H AS A GUIDE.					
	2. REVIEW OF ENGINE LOG HISTORY REVEALED THAT ONLY THE #2 ENGINE LOG FIRST ENTRY AS BEING OVERHAULED BY VICTOR ON 12-31-02. SEE THE #2 ENGINE LOG FIRST ENTRY.					
	3. C/W 14 CFR PART 91.207(d) BY INSPECTION AND TEST OF THE ELT AND ANTENNA OUTPUT.					
	4. C/W AD 84-26-02 BY ASSURING CONTINUING USE OF OTHER THAN PAPER INDUCTION FILTER.					
	5. C/W AD 89-24-03 BY INSPECTION OF TURBO EXHAUST INLET ADAPTER. NO CRACKS WERE NOTICED.					
	6. IT WAS DETERMINED THAT THE OXYGEN BOTTLE IS PAST THE DATE OF REQUIRED HYDROSTATIC TESTING AND RECERTIFICATION. IT IS UNLAWFUL TO SERVICE THIS OXYGEN SYSTEM. NOT ENOUGH TIME TO REMOVE, HAVE TEST ACCOMPLISHED AND REINSTALL.					
	7. REMOVED AND REPLACED THE VOLTAGE REGULATOR WITH A NEW 36-380096-1 BECAUSE OF INTERMITTANT OPERATION.					
	8. REMOVED AND REPLACED THE INDUCTION AIR FILTER WITH A NEW BA-9005 ELEMENT.					
	9. REMOVED AND REPLACED THE O-RING SEALS IN THE LEFT BRAKE SERVICED AND BLEED THE HYDRAULIC SYSTEM. NEW SEALS ARE PART NUMBER MS2875-222.					
	10. THE INDUCTION HEAT SHIELD, CYLINDER #2 WAS FOUND LYING IN ENGINE BAY. REPAIRED AND RE-INSTALLED.					
	11. THE CYLINDER #1 INDUCTION HEAT SHIELD WAS TRIMMED TO PRECLUDE CHAFFING ON THE EXHAUST COLLECTOR.					
	william J. Taylor					
	WILLIAM J. TAYLOR A&P 524112928 IA					

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)		
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	MEADOW LAKE AIRPORT PEYTON AIRCRAFT SERVICES, INC. PEYTON COLORADO 80831 719 683 3314 719 683 4220 fax					
	04-09-2007	B36TC	EA-390	490M	000.0	3481.8
	1. THE INOPERATIVE HOBBS HOURMETER WAS REMOVED AND REPLACED WITH A NEW 35-380138-5 HOURMETER READING 000.0 HOURS.					
	2. THE AIRCRAFT TIME IN SERVICE MAY NOW BE COMPUTED AS HOURMETER PLUS 3481.8 HOURS.					
	3. THE ABOVE COMPUTATION IS MADE USING THE OWNER MAINTAINED FLIGHT LOG FIGURES.					
	4. THE ENGINE TIME IN SERVICE IS NOW HOURMETER PLUS 2701.6. ENGINE TIME IN SERVICE SINCE OVERHAUL IS HOURMETER PLUS 5552.					
	5. PROPELLER TIME IN SERVICE IS NOW HOURMETER PLUS 3481.8. PROPELLER TISOH IS NOW HOURMETER PLUS 130.8.					
	6. THE OXYGEN BOTTLE WAS REMOVED AND REINSTALLED AFTER HYDROSTATIC TESTING AND SERVICING WITH OXYGEN.					
	ROBERT K TAYLOR A&P 524112927					
	ROBERT K TAYLOR					
	6/15/07 HOBBS: 0003.7 RESEAL CYLINDER BRAKE CYLINDER					
	SIRER'D. FOR WITNESS					
	6/15/07					

# PEARCE AIRCRAFT SERVICES, INC.

MEADOW LAKE AIRPORT PEYTON COLORADO 80831 719 683 3314 719 683 4220 fax

DATE 07-17-2007 TYPE B36TC SERIAL EA-390 REGISTRATION 490M TACH 12.5 TIS 3444.5

1. RE POSITIONED THE OXYGEN BOTTLE: FULL FLOW NOW AVAILABLE.
2. MADE MINOR ALTERATION OF THE CABIN DOOR LOCK. IT NOW IS NOT POSSIBLE TO TURN MORE THAN 90 DEGREES. THE LOCK PLUG WAS WELL WORN.
3. THE RADIO TRANSMITS FROM LEFT OR RIGHT SEAT POSITIONS ON GROUND CHECKS. BOTH HEADSETS WERE TESTED.

*Robert K Taylor*

ROBERT K TAYLOR A&P 524291127

A/C BEECH B36TC N 490M Tac 45.4  
 Transponder Make/Model KING KT-79 S.N. 1787  
 in this A/C, has been inspected IAW Title 14 CFR 91.413 and found to comply with the specifications of Title 14 CFR 43 App. F.  
 ENC ALT #1 Make/Model KING KEA-346 S.N. 2245  
 ALTITUDE #2 Make/Model UNITED 5134A-1 S.N. 5A936  
 and the static system have been inspected IAW Title 14 CFR 91.411 and found to comply with the specifications of Title 14 CFR 43 App. E.  
 Details on file MTSWO 71120D Date 12-4-2007  
 Dan Fisher-Chief Inspector Dan Fisher  
 Mobile Transponder Services, LLC, 8266-A Cessna Dr. Peyton, CO 80831

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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## Description of Inspections, Tests, Repairs and Alterations

A/C BEECH B36TC N 490M Tac 45.4  
 Transponder Make/Model KING KT-79 S.N. 1787  
 in this A/C, has been inspected IAW Title 14 CFR 91.413 and found to comply with the specifications of Title 14 CFR 43 App. F.  
 Altitude #1 Make/Model KING KEA-346 S.N. 2245  
 Altitude #2 Make/Model UNITED 5134A-1 S.N. 5A936  
 Encoder Make/Model GENCOAL ALTIMETER #1 S.N. —  
 and the static system have been inspected IAW Title 14 CFR 91.411 and found to comply with the specifications of Title 14 CFR 43 App. E.  
 Details on file MTSWO 80510D Date 5-14-08  
 Dan Fisher-Chief Inspector Dan Fisher  
 Mobile Transponder Services, LLC, 8266-A Cessna Dr. Peyton, CO 80831



# PEARCE AIRCRAFT SERVICES, INC.

MEADOW LAKE AIRPORT

PEYTON COLORADO 80831 719.683.3314

719.683.4220 fax

DATE 05-16-2008 TYPE B36TC SERIAL EA-390 REGISTRATION N490M TACH 45.4 TIS 3527.2

- Aircraft inspected and serviced using Beech 98-32227H as a guide.
- The installed engine was determined to be not airworthy and has been replaced by TCM TSIO 520 UB Serial No. 809479-R. Airworthiness date is 03-17-2008.
- The induction intercooler was removed from the aircraft. See form 337 and weight and balance amended to reflect the removal.
- A BA7112 induction filter system was installed. The continued airworthiness maintenance certificate was filed with the form 337.
- The fuel selector sump drain access door evacuation tube was missing. A replacement tube was fabricated and installed.
- The ELT battery was replaced. This battery will expire January 2010.
- C/W AD 95-04-03 by a dye penetrant inspection no cracks were detected.
- C/W AD 2007-08-08 by inspection of the hub and blades, dressing and painting the blades, installing the engine power limitation placard and in view of the newly installed engine the propeller spinner balance weight was removed.
- The landing gear actuator dynamic brake was adjusted to function at 5/8 of a crank turn both up and down gear.
- The right main strut top seal was replaced with a new MS28775-227 O ring.
- Replaced the internal seals in the nose strut with new MS28775-223 and MS 28775-224 O rings.
- Repaired the cabin door lock by shimming to provide a positive lock.

CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Robert K Taylor A&P 524291127 IA

YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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05-16-08	41.7		3048.6	REPLACED THE #1 V2 EGT PROBES
9/1/08	75.8			WITH NEW GEN 2870 PROBES, SERIALS 134584 + 134871. ENGINE RUN 545
				ALL IS WELL. R. Kelly N1P374240863
				Oil changed. Filter. Amal 15-50.
				CHT probe #6 changed. Refund of service. Please attention. F.M. Perry

# PEARCE AIRCRAFT SERVICES, INC.

Meadow Lake Airport

Peyton CO 80831 719.683.3314

719.683.4220 (fax)

DATE 03-12-2009 TYPE B36TC SERIAL EA-3 TACH 123.6 TIS 3605.4 REGISTRATION N490M

- C/W TCM MSB 091, Cylinder replacement.
- Removed and replaced the right wing up navigation lamp with a new A7512-24 lamp.

Robert K Taylor A&P 524291127

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of
	TIME	SERVICE		

PEARCE AIRCRAFT SERVICES, INC.  
MEADOW LAKE AIRPORT PEYTON COLORADO 80831 719 683 3314 719 683 4220 fax  
DATE 6/1/2009 TYPE B36TC SERIAL EA390 REGISTRATION N490M TACH 141.8 TIS 3623.6

1. Inspected and serviced using Beech 98-32227H as a guide.
2. C/W 14 CFR Part 1.207(d) by inspection and test of the ELT and antenna output power at the antenna.
3. C/W AD 84-26-02 by condition inspection replacing the filter with a new BA7112 element.
4. C/W AD 2997-04 by inspection of the hub and blades, dressing the blades and touch up of the paint.
5. C/W AD 2008-13-19 By required switches are on order and will be installed upon receipt.
6. Replaced the induction air filter element with a new BA 7112 element.
7. Reversed both main tires on wheels, balanced wheel tire assemblies and reinstalled them
8. Installed fuel filter port placards that have max capacity and useable capacity in all normal attitudes (36-920046-7).
9. Verified TTT accuracy at 900 degrees C
10. Replaced both MS 28775-222 O rings in the left brake. Serviced and bled brake systems (MIL-H-5606 fluid)
11. Replaced worn out brake linings of left brake with a new 066-105 linings.
12. Replaced the nose wheel steering arm lower bushing with a new A779 bushing.
13. Repaired minor damage to the left wing tip trailing edge by installing a thin doubler strip and replaced worn off rivets.

I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

*Robert K Taylor* ROBERT K TAYLOR A&P 5241129271A

YEAR	DATE	DESCRIPTION	TIME IN	TOTAL	DESCRIPTION

Meadow Lake  
DATE 7/10/2009 TYPE B36TC SERIAL EA390 REGISTRATION N490M TACH 157.5 TIS 3639.3  
1. C/W AD 2008-13-17 By installation of the following six circuit breaker switch assemblies:  
Part number  
1) 35-380132-63 (1ea)  
2) 35-380132-67 (1ea)  
3) 35-380132-73 (1ea)  
4) 35-380132-93 (1ea)  
5) 35-380132-101 (2ea)  
6) 35-380132-103 (4ea)

*Robert K Taylor* Robert K Taylor A&P 5242911271A

YEAR	DATE	DESCRIPTION	TIME IN	TOTAL	DESCRIPTION

and Alterations  
cate Number of  
specific entries.)

A/C *Beech B36TC* N *9804* TAC *0224.9*  
Transponder Make/Model *KMG KT-79* S.N. *1289*  
in this A/C, has been inspected IAW Title 14 CFR 43.413 and found to  
comply with the specifications of Title 14 CFR 43 App. F.  
Make/Model *KMG / KGA-396* S.N. *2245*  
*ALT #1*  
Make/Model *UNITED / 5934A-1* S.N. *58936*  
*EXCER* Make/Model *(Cheating 4741)* S.N.   
and the static system have been inspected IAW Title 14 CFR 91.411 and  
found to comply with the specifications of Title 14 CFR 43 App E.  
Details on file MTSWO *007028* CRS 3MTR418R  
Rec Prickett-Chief Inspector *Robert K Taylor* Date *7/25/2010*  
Mustang Transponder Svcs LLC, 5429 Country Hgts Dr, CO Springs,  
80917



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspecti Entries must be endorsed with Technician or Repair Facility	id Alterations ate Number of specific entries)
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# PEARCE AIRCRAFT SERVICES, INC.

MEADOW LAKE AIRPORT

8264 CESSNA DR

PEYTON, CO 80831

719 683 3314

719 683 4220 fax

DATE 2010 TYPE B36TC TIS 3706.7 REGISTRATION N490M SERIAL # EA-390

1. Inspected and serviced using Beech 98-32227H as a guide.
2. C/W CFR Part 91.207(d) by inspection of ELT and battery and verifying power output at antenna.
3. Replaced the ELT battery with a new BP1010 battery that expires Sept 2012.
4. C/W AD 84-26-02 by replacing BA 7112 induction air filter element.
5. C/W AD 2007-08-04 by inspection of propeller hub and blades. Dressed and repainted as needed.
6. Removed oxygen bottle for Hydrostatic testing by Aero Care. Serviced and re-installed.
7. Installed a new 1130176-2WL06 fastener, on fuel selector drain sump access door.
8. Fabricated and installed a new overboard drain tube for the fuel sump door.
9. Performed TIT calibration check.

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

*Robert K Taylor*

Robert K Taylor A&P 524291127 1A

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE 9/2/2010 Remove KN881 and KY86. Install KN881 and KY86.  
KN881 and KY86 are STC's. See FAA 3376  
FAA 3376 for details of installation.  
See L.C.A. Weight + Bal and Equip  
list updated. Wob 75L1  
Hebbs 225N  
Hebbs 225N  
GT612573N  
12/2/10 Repaired STC switch. Flight tested system  
Flew at 10000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000 100000 101000 102000 103000 104000 105000 106000 107000 108000 109000 110000 111000 112000 113000 114000 115000 116000 117000 118000 119000 120000 121000 122000 123000 124000 125000 126000 127000 128000 129000 130000 131000 132000 133000 134000 135000 136000 137000 138000 139000 140000 141000 142000 143000 144000 145000 146000 147000 148000 149000 150000 151000 152000 153000 154000 155000 156000 157000 158000 159000 160000 161000 162000 163000 164000 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# PEARCE AIRCRAFT SERVICES, INC.

MEADOW LAKE AIRPORT 8264 CESSNA DR PEYTON, CO 80831 719 683 3314 719 683 4220 fax

DATE 03-17-2011 TYPE B36TC TACH 293.3 TIS 3775.7 REGISTRATION N490M SERIAL # EA-390

1. Replaced MS2875-222 o-rings in left brake caliper.
2. Bled and serviced left brake with HS606 fluid.
3. Replaced #1 cylinder EGT probe with new 2870 probe.

Robert K. Taylor A&P 524291127



Removed HSI KI 525A SN: 21351 and installed HSI KI 525A SN: 93248. Performed ground operational check using IFR 4000. Reference W ASI CRS work order 13899 for details of work performed. This aircraft is airworthy and is returned to service with respect to work performed on W ASI CRS work order 13899.

Worldwide Aircraft Services, Inc.  
CRS# OWFR547L

N490M	Model: BE-36-TC	SN: EA390
Hobbs: 326.4		Date: 04/15/2011

## AIRFRAME ENTRY

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations (Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2011				
7-6-11	336		3817	Installed McCauley Propeller
3AF 3A32C406B, S/N 830704				after overhaul by Foster Propeller.
Installed overhauled governor D210680, S/N 18108214				after overhaul by Aircraft Accessories of OK.
Installed overhauled turn coordinator P/N 1394T100-32,				
S/N 30411784				
Install Datron OAT/Volt meter P/N 65T, S/N 161				
Installed inspected ITT indicator P/N 68825-1125, S/N				
W4924H, by Aero-Mach Labs, Inc.				
Installed repaired Aerosonic oil pressure/oil Temperature gauge,				
Model 68820-1123 S/N W2547H				
Installed overhauled dry air pump P/N 216CW, S/N 1561107				
by Aero Accessories Inc				
Replaced instrument panel shock mount P/N 56984-121				
Installed stand by alternator as per STC SA0072WI				
Installed recycled tire and new tube on left main landing				



YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
DATE	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
TIME	TIME	SERVICE		
7-6-11				
				gear. Replaced both brake disc.
				Installed used service caliper on left gear.
				Replaced bulb in pilots MAP light.
				Completed with 7,207 (d) by inspection of ELT, I certify this
				aircraft has been inspected in accordance with an Annual inspection
				and was determined to be in airworthy condition.
				M. Humphreys APP 2849648
10-13	350		Installed	new wing bolts as per MM 52-60-00
pages	202 thru 213			M. Humphreys APP 2849648
10-31	350	Installed		new sub panel in vent.
				M. Humphreys APP 2849648

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
DATE	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
TIME	TIME	SERVICE		
11-21-11	362	Installed		with servo after overhaul by Kings Avionics.
				Checks as required were accomplished, Model KS270, S/N
10099,	P/N 065-0027-02.			M. Humphreys APP 2849648
12-6-11	362	Installed		repaired yaw damper servo KS271,
				Tested yaw computer KS296, and repaired rate gyro
				KRG 331. Units by Kings Avionics,
				M. Humphreys APP 2849648

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	TIME	SERVICE	SERVICE	
DATE	382			

N 490M	Model: 336 TC	SN: EA-390
TAT: -	TAC: -	Date: 03-07-2012
Tach: -	Hobbs: 0382.4	

### FAR 91.413 and data correspondence entry

I certify that Transponder

Model number: KT-79 SN: 1789  
 Model number: - SN: -  
 Encoder Altimeter: KEA 346 SN: 2243

Installed in this aircraft have been tested and found to comply with the requirements of FAR 91.413 (a) and FAR part 43 appendix F and E (c) Altitude reporting data (mode C) tested to 14,800 feet.  
 Reference CMA CRS work order 8031 for details of work performed.  
 These articles were found to be airworthy and returned to service with respect to work performed on CMA CRS work order 8031.  
 CW static leak check SAW FAR 23.1325 (2)(i).  
 Custom Mobile Avionics LLC  
 CRS # 8CMR693B

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	TIME	SERVICE	SERVICE	
DATE	382			

3/23 2012  
 GEM, G3 as per STC 5A02930 NY. new OEM TIT probe, Installed

M. Humpke  
 App 2849648

new Fuel Flow transducer -

M. Humpke  
 App 2849648

4-7 384 Installed new static wick and base on right wing outboard


M. Humpke  
 App 2849648



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			N#- 490M	
			Date- 10-APR-12	
			Kings Avionics, Inc.	
			Station #TF2R185L	
			The aircraft and/or component identified was repaired in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.	
			Signature <u><i>James E. Kelly</i></u>	
			Repairman # <u>2587433</u>	
			Hobbs/Tac <u>135.7</u>	
			W.O.# <u>7054637684</u>	
			<u>70545, 70547, 70548</u>	
			Action: <u>PERFORMED CATHAN CHECK PER HONEYWELL</u>	
			<u>SERVICE MEMO #292 (1340/1100 HR) RECOMMEND:</u>	
			<u>R/R PITCH, ROLL, YAW AND YAW SERVO'S AND CATHAN'S AND</u>	
			<u>ADJUSTING ALL CABLE TENSIONS TO SPEC.</u>	
			KIA Form 012	

MEADOW LAKE AIRPORT		8264 CESSNA DR		PEARCE AIRCRAFT SERVICES, INC.	
DATE	TYPE	TACH	TIS	REGISTRATION	SERIAL #
06-28-2012	B36TC	415.2	3897.0	N490M	EA-390
<p>1. Replaced the landing gear motor with an overhauled p/n IS14818, s/n 130889 motor.</p> <p>2. Operational test of landing gear retraction was good.</p>					
Robert K Taylor		Robert K Taylor A&P 524291127			
7-3-12	Hobbs Reads	421.5	Total Time	3903.3.	
Installed new left wing tip, P/N 000-170000-55.					
Installed new base and static wick on both out board wing tips.					
Installed new boot on left mag "P" lead.					
Installed new air filter element, P/N BA7112.					
Installed new instrument air inlet filter, P/N AAD9-14-S and inline filter P/N AA254-7.					
Replaced flight MLG tire with used serviceable unit and new tube P/N 3020614D0.					
Installed KC 896, P/N 0665-0038-01, S/N 2949 and					

YEAR: 7-3 2012	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
KRG 331	Rate gyro,			P/N 066-0024-00, S/N 2364,
after	adjustment by King's Avionics. (See maintenance			
release), W.O. #5	69608 + 69607-MH			
Tongard wing bolts,				
Removed tachometer	and intercooler blanking units and			
installed foil Blauk	out panels.			
Serviced brake	hydraulics,			
Installed new ECT	batteries. Replacement date 4-14.			
Completed with	AT 91.207(CD)			
I	certify this aircraft has been inspected			
in accordance	with an Annual inspection and was			
determined to be	in airworth condition.			
				M. Humphrey
				APP 5846648 (IA)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
 <b>Altitude</b> <i>Airframe Services</i>				
Model No. KT-79      SN. 1789		FAR 91.411 & 91.413 ENTRY		
I Certify that Transponder Installed in this Aircraft have been Tested and Found to Comply with the Requirements of FAR 91.413 (a) and FAR part 43 appendix F and E (c) Altitude Data tested to 25,000. Reference WASI CRS work order 14065 for details of work performed. These articles were found to be airworthy and returned to service with respect to work performed on work order 14065.				I Certify that Altimeter and Required by FAR 91.411 a have been performed. The altimeter and returned to s performed on work order 1
Alan Fox Worldwide Aircraft Services, Inc. CRS# OWFR547L				Static System Test Date: 6 Altimeter Tested to 25,000 Encoding ALT s/n 2243 Right ALT s/n 5A935



YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2012	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME		SERVICE	
8-29	4:17.7			Correction to entry dated 7-3-2012 with reference to the tachometer and intercooler blanking units. Tach was removed as a digital tach was installed as per STC 592NM, 332 dated 7-15-2012. Intercooler indicator was removed as the intercooler system which was installed as per STC 5A3512NM was removed on 332 dated 5-23-2005.
				M. Humphrey APP 2899648
8-31-2012	amendment			to log entry dated 7-3-2012. the work accomplished on 6-28-2012 by Robert K Taylor, APP 524291127, replacement of lavatory gear motor was re-inspected for conformity. M. Humphrey APP 2899648

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2012	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME		SERVICE	
10-22-12	Hobbs	Reeds	455.7.	Installed new Gill battery S/N C02736628. Sheet metal repair to bracket for throttle cable support clamp. Removed panels on nose for engine maintenance, installed.
				M. Humphrey APP 2899648

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

N490M  
Kings Avionics, Inc.

Date - January 15, 2013  
Station #TF2R185L

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

Removed the WX-1000 system, the RA converter and antenna, KG-102A, KMT-112, turn coordinator, KI-525A, GDC-31, VSI, KA-51B, and the annunciator panel. Installed a new Aspen EFD Pro 1000 and EA-100 ACU per manufacturer prints and drawings. See Weight & KI-227, RSM, and MID26-28 inverter per manufacturer prints and drawings. See Weight & Balance and Form 337 this date for additional information. A copy of the approved Flight Manual Supplement has been added to the POH.

Signature *May 21 Bruce*

Repairman #2347550

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
2013				
2-16	766.4	706.1	Value.	Installed new seals in parking brake
				M. Humpke APR 2849648
3-23	8013	Tech Reads	483.1	Installed LED tail stroke (beacon)
		Wheel	905200.5	LED new light wing lamps
		7512-34U.		
			771	Humpke
			APR 2849648	
4-4-2013	766.4	Reads	485.6	Install new stroke tubes in
		both wing	tip stroke.	
			771	Humpke
			APR 2849648	



YEAR: 2013	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE 1-30-20	mt			Installed new stroke turn in 1-ft wing. M. Humphrey APP 2849648
5-1-13	Hobbs	481.3	I	Installed new new light bulbs in both wing tips, P/N 34-0428020-65. Rotated LEDs in M. Humphrey APP 2849648

YEAR: 2013	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE August 23, 2013	Hobbs	514.2	Total Time 3996.0	Installed new nose tire and tube. The P/N 070 308-0 Complied with 91.207 (d) on E.L.T. S/N 1351500183 Tube P/N 092-308-0 O' bottle hydrotest by Aerospace Turbine Rotabld Repair Station # NV2R04SL I certify this aircraft has been inspected in accord ance with an Annual inspection and was determined to be in air worthy condition. M. Humphrey APP 2849648
8-30-2013	Total Time	3999.8	Hobbs 518	Complied with AD 95-04-03 by inspection. Due @ 4499.8 TT M. Humphrey APP 2849648

YEAR: 2013	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-6-2013	Hobbs	Reads	485.6	Installed wiring for ground
	test of standby			alternator and returned to original
	configuration.			
	Installed	Whelen	LED Landing Light P/N 01-0771424-20.	
		M. Humphreys	ARP 2899648	
5-29-13	Hobbs	500.5	Replaced one gear indicator bulb.	
	M. Humphreys	ARP 2899648		
10-4-2013	Installed	G3	Graphic Engine Monitor, G10C-001 S/N	
	1324	after checked for accuracy by the factory		
		M. Humphreys	ARP 2899648	

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<p> <b>Station #TF2R185L</b>  <b>Kings Avionics, Inc.</b>            The aircraft and/or component identified was repaired in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.            Signature: <u>George Bellini</u> Repairman # <u>2542142</u>            Hobbs/Tac <u>545.0</u> W.O.# <u>22557</u>            Action: Site limited pit service to 65704 sm 2780. (w/phone)            Capston Check per Homey, well service memo #292.            removed and returned (etc, 1011) Turn Valve screws            and capstons. Inspected by the cavity and turn            cavity for wear and damage and safe tension. Ray            checked KPC200 system.         </p>				
<p> <b>Station #TF2R185L</b>  <b>Kings Avionics, Inc.</b>            The aircraft and/or component identified was repaired in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.            Signature: <u>George Bellini</u> Repairman # <u>2542142</u>            Hobbs/Tac <u>545.0</u> W.O.# <u>22557</u>            Action: Site limited pit service to 65704 sm 2780. (w/phone)            Capston Check per Homey, well service memo #292.            removed and returned (etc, 1011) Turn Valve screws            and capstons. Inspected by the cavity and turn            cavity for wear and damage and safe tension. Ray            checked KPC200 system.         </p>				



YEAR: 2013	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-14-2013	Hobbs	547.4		Inspected 100 amp Teladyne alternator as per Bonanza maintenance manual, Section 5. Inspected B+C B2410 alternator as per Instructions for Continued Airworthiness. Check accuracy of Aircraft Tachometer.
				M. Humphreys AIP 2849648
12-27-13	Hobbs	549.2		Installed new slip ring on propeller heat, D40238.
				M. Humphreys AIP 2849648

YEAR: 2014	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-3	549.2	Installed		"GPS FOR VFR USE ONLY" placed on AIP 2849648 Garmin GNS430W and #2 GPS on Apollo GX50. Done as per 337 dated 1-3-2014
				M. Humphreys AIP 2849648
1-9-2014	Installed			new Tac pin in lower rear Torque Link. P/N RA60-82029-1.
				M. Humphreys AIP 2849648

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-5-14				
Hobbs	559.8	Installed		overhauled Fuel boost pump.
By Fleet Support		Services, Inc. (NE50064N)		
			M. Humphreys	
			APP 2849648	
2-21-14	Hobbs	563.9	Installed	new stroke tube in left wing
7/8	M.	Humphreys	APP 2849648	
5-1-14	606.7	Installed		new ELT battery. Replacement
	date	8/2016		
			M. Humphreys	
			APP 2849648	

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-18	612.5	Installed		new taxi light bulb
2014			M. Humphreys	
			APP 2849648	
5-22-2014		Installed		new tire on Lt MG. Goodyear
7100 X 6	6 ply	P/N 7D6C66-3, new tube, P/N 302-061-400.		
New "O" ring	seals in	Rt brake caliper. Installed new		
CIT probe	P/N 711524482-1.	Hobbs 614.7	4096.5 Total Time	
				I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
			M. Humphreys	
			APP 2849648 (IA)	



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2014				

May 28 Hobbs Reads in 1st MLG Torque links. P/N 3016  
ADP 2849648

Station #TF2R185L  
Date: 1-11-14

King's Avionics, Inc.

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

Signature: [Signature] Repairman # 2587433  
Hobbs/Tac: 642.7 W.O. # 73690

Action: R/R ALTITUDE AND ALTITUDE PRE-SELECTION FOR  
REPAIR, PERFORMED 91.411, 91.413 AND MOD C INTERCOM  
TEST OK!

KA Form 012

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

I certify that the following equipment and associated pilot static systems were tested as required by FAR 91.411, FAR 43, Appendix E, FAR 25.1325, FAR 25.1325 and/or specific RVSM requirements found in \_\_\_\_\_ Model: \_\_\_\_\_ S/N # \_\_\_\_\_  
Pilot's Altimeter: AD34 17880 2145  
STDY's Altimeter: AD34 17880 2145  
RVSM Compliance: UNID 583441 54736  
MAX Test Altitude to: 25,000 ft. Date: 1-11-14  
Signature: [Signature] Certificate # 2587433  
FAA Repair Station: TF2R185L King's Avionics, Inc.  
KA Form-003

Registration # N-490M  
I certify that the following transponder and altitude reporting system was tested as required by FAR 91.413 as per the instructions in FAR 43 appendix F:  
Transponder Model # AD79 S/N 1788  
Signature: [Signature] Date: 1-11-14  
Certificate No. 2587433 for King's Avionics, Inc.  
FAA Repair Station: TF2R185L  
KA Form-008

Aug 19, 2014 Installed GFD1000 and EFD 500.  
Hobbs 644.5

ADP 2849648











YEAR: Jan 15  
DATE: Jan 15

29-15

January 15<sup>th</sup>, 2015  
Reviewed aircraft this date.  
See A/C weight and balance for details.

M. Humphreys  
APP 2849648

nd Alterations  
cate Number of  
specific entries)

38100-1

4186.0

July 15<sup>th</sup> 2015  
Inspected telescope alternator as per STC 54000350E  
Savion 5.  
Inspected BAC, BC 410 alternator as per instructions for  
continued aircraft fitness.  
Checked accuracy of tachometer  
Complied with 91.203 (d) on ECT  
Installed new wheel half on nose gear P/N 162-07201  
Installed new tire P/N 706C66-3 and tube 30206400 on

YEAR: Jan 15  
DATE: Jan 15

RECORDING  
TACH  
TIME

TODAYS  
FLIGHT

TOTAL  
TIME IN  
SERVICE

Description of Inspections, Tests, Repairs and Alterations  
Entries must be endorsed with Name, Rating and Certificate Number of  
Technician or Repair Facility. (See back pages for other specific entries.)

Flight landing gear, Installed all new brake linings.  
I certify this aircraft has been inspected in  
accordance with an Annual Inspection and was  
determined to be in Airworthy Condition.

M. Humphreys APP 2849648 (ICA)

August 21, 2015 Hobbs Reads 705.6 Installed new  
Aircraft Battery. M. Humphreys APP 2849648

Sep 9<sup>th</sup>, 2015 Hobbs reads 714.7 Installed new  
circuit P/N 090-308-0 in nose wheel and re-painted  
wheel. APP 3659462

# **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE	TIME	FLIGHT	TIME IN SERVICE	
July 27, 2015	681.5	Installed	P/N 96-380041-1 and P/N 002-381600-1	
		Fuel senders in left wing. Overhauled by		
		Air Parts of Lock Haven (ser 81303)		
		M. Hump kemp		
		AP 2849648		
Modified		bottle for	#6 cylinder as per STC 5A000350E	
Inspected		teledyne alternator as per Beech Maintenance Manual		
Section 5.				
Inspected B+C,		BC 410	alternator as per instructions for	
continued airworthiness.				
Checked accuracy		of	Tachometer	
Complied with		91.207(d)	on ECT	
Installed new		wheel half	on nose gear. P/N 162-07201	
Installed new		tire	P/N 706C66-3 and tube 302061400 on	





YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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NR- 490M

Date- 1-13-16

Butler Avionics, Inc.

Station #TF2R185L

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

Signature George Kellum Repairman # 2542142

(Hobbs/Tach 775.9 W.O.# MS03490)

Action: Removed the EFD1000, cleaned internal battery, replaced the EFD1000 Per Instructions for Continued Airworthiness Doc # 900-0012-001  
rew, sections 11 and 14

BA Form 012

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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NR- 490M

Date- 1-13-16

Butler Avionics, Inc.

Station #TF2R185L

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

Signature George Kellum Repairman # 2542142

(Hobbs/Tach 775.9 W.O.# MS03490)

Action: Found EA100 assem requires set up for operation. Set up EA100 per tech note # 2013-02, Test from control net

BA Form 012





<u>YEAR:</u>	<u>RECORDING</u>	<u>TODAYS</u>	<u>TOTAL</u>	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
<u>Date</u>	<u>TACH TIME</u>	<u>FLIGHT TIME IN SERVICE</u>		
MARCH 1966	Hobbs	Roads	796.6 Total Time 4288.4.	
	Inspected alternator as per Beech Maintenance Manual Sa 5			
	inspected B+C, BC910 alternator as per instructions for continued airworthiness.			
	Inspected Aspen PFD as per instructions - for continued airworthiness.			
	Complied with GLO JOC di on ELT,			
	Installed new induction air filter element, BA7112			
	Installed new vacuum system filters D9-14-S + SJ4-7			

I certify that Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. M. Humphreys AWP 889081  
(Signature)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
2016				
July	11, 2016	Hobbs	8:30	Serviced Sluway clamps.
	27th. Humphreys	APP	2849648	

Bulter Avionics, Inc.  
 The aircraft and/or component identified was repaired in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.  
 Signature [Signature] Repairman # 2587433  
 Hobbs/Tach 852.5 W.O. # MJ06180  
 Action: PERFORMED ASPEN FIELD BAO CALIBRATION  
AND BAROMET ENCODING ACTUATED, (PERFORMED)  
FAIR 91.441, 91.443, 143.143 APP AND MODE C INTERCOM  
TEST OK, REPLACED CWS SWITCH AND RAMP  
CHECKED OPERATIONS OK.  
 BA Form 012



I certify that the following equipment and associated prosthetic systems were tested as required by FAR 91.411, FAR 43, Appendix E, FAR 23.1325, FAR 25.1325 and/or specific RVSM requirements found in                     

Registration # N-469004

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Pilot's Altimeter AD774 Model # SN 12164  
 STDBY Altimeter ENGADMG Model # 12245  
 Remote Encoder ADC 593441 Model # 64936  
 RVSM Compliance                       
 MAX Test Altitude 15,000 ft. If applicable  
 Signature [Signature] Date 29-11-16  
 Certificate # 2587433  
 FAA Repair Station: TF2R185L Butler Avionics, Inc.  
 B4 Form-003

I certify that the following transponder and altitude reporting system was tested as required by FAR 91.413 as per the instructions in FAR 43 appendix F.

Registration # N-479021

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Transponder Model # 165-79 SN 1789  
 Signature [Signature] Date 29-11-16  
 Certificate No. 2587433 for Butler Avionics, Inc.  
 FAA Repair Station TF2R185L

Oct 27, 2019 Helix 132.1 Fire extinguisher tested as per annual test, Malcolm Humphreys ARP 2899698

Sept 28th Installed new ET battery. Replacement date 11/2018. Complied with 91.207(d).

Installed O<sub>2</sub> bottle after hydrotest, 3 year bottle. Replacement 9/2021.

Fire extinguisher Annual check done 7/27/2016.

Installed new wire from strobe power supply to left strobe light.

Installed new strobe tube in left strobe light.

Installed new fuel cap lanyards.

Malcolm Humphreys ARP 2899698

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
DATE				

N# 490M Date 1-DEC-16

Butler Avionics, Inc. Station #TF2R185L

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

Signature [Signature] Repairman # 2587433

HobbsTach 895.0 W.O.# MS0130(7784)

Action: REPAIRED ALPHANUMERICATOR AND PERFORMED  
HONEYWELL SERVICE MEMO 292 CHECKS, INSPECTED  
AND RAMP CHECKED OPERATION OK!

BA Form 012

1-30-2017	Hobbs Reads	895.0	Inspected alternators per Beech Maintenance Manual Sec 5. Inspected BE, BC410 as per ICA. Inspected
Agca PFD as per ICA.			
77	Hump bump		APP 3849648

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
DATE				

2017  
1-30-2017 Hobbs Reads 895.0 Total Time 4376.8

Installed overhauled propeller, Model 3A32C406-C S/N 830754. By Fort's Propeller Service, Repair Station #F3PR014N.

Installed serviceable skimming damper. Installed new nose tire and take. Installed new wire from power supply to right wing tip.

Installed new CH probe on #4 CHT for GEM.

Installed new heat shield on exhaust P/N 36-910026-13.

Installed new pneumatic air inlet filter P/N RA9-14-5.

Installed new Fuel Flow transducer for GEM, P/N 1000-004-3.

Installed new de-ice brush block, P/N C-40257.

Completed with 91-2076D.

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

77. Hump bump APP 3849648 (IA)



YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations. <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries).</small>
MAY 16, 2017	S&L ON PROPELLOR UNDOING TAPAGE.	HOBBS READS	950.4	INSTALLED NEW WHEEL AND BRAKE LINES TO MAIN LINE TEST OK!
W.O.# M.D. P.I. 60-8886	Signature JERRY E. HOLLER	#- 4790M	Date - 1-AUG-17	Station #TF2R18SL
Action:	Federal air regulations and was found unworthy for return to service. Pertinent details of the repair are on file at this agency.	Butler Avionics, Inc.	Repaireman # 2587433	
EFTNAGC FNOTS ACTIVATED (WEF-346, PN-OIG-3062-00,	Hobbs/Tach 972.7			
SM-C-3412), PERFORMED FINAL MAINTENANCE AT D				
B.A Form 012				

YEAR: 470M Date: 20 NOV-17

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

Signature: [Signature] Repairman # 2587433

Hobbs/Tach: [Signature] W.O.# 2250402 (29414)

Action: R/R Roll, Pitch, Pitch Trim and YAW  
CHOTMAN/SEVUS FOR ANNUAL SERVICE MEMO 292  
CHECKED (EXCHANGED DEFECTIVE YAW SERV WJ271  
265-0028-204 SN-15127 FOR WJ271A 265-0080-028 Form 012  
SN-419333), APPROVED ALL EXISTING CAPS IN SER, CHECKED FOR WJ1

Jan 6 to 2018 Hobbs 1016.2 Repaired static time pitot line  
M. Humpke ARP 2849648  
Feb 14, 2018 Hobbs 1021.6 Installed new static wick on pitot elevator  
M. Humpke ARP 2849648  
May 14, 2018 Hobbs Reeds 1059.1 Installed Fresh Air Blower Kit  
#36 4009-18 M. Humpke ARP 2849648

YEAR: 2018 DATE: Aug 2, 2018

TOTAL TIME IN SERVICE: Hobbs 1091.9 Total Time 4572.9 Complied with

Reference of Major Repairs and Major Alterations To  
FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

Aug 2, 2018 Hobbs 1091.9 Total Time 4572.9 Complied with  
FAE 91.207 (S) on ELT,  
Inspected alternator as per Beech maintenance manual Section 5,  
Inspected Btc Bc410 Alternator as per ICA # Bc410 Rev A  
Inspected Aspen PED as per ICA # 900-0012-001 Rev T  
Inspected Aspen AB 2018-06-11 by installing new Clump 87N 51921-  
Complied with the QMOC dated June 27, 2018, (Averys)  
as per the QMOC dated June 27, 2018,  
checked accuracy of tachometer  
I certify this aircraft has been inspected in accordance with an  
annual inspection and was determined to be in airworthy  
condition by [Signature] ARP 2849648 (ICA)  
Feb 1, 2018 Hobbs 1138.9 Installed new ELT Battery  
Complied with 91.207 (S) Battery Replacement date Jan 2021  
M. Humpke ARP 2849648



N# 490M Date 22-AUG-18

Station #TF2R185L

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

Signature [Signature] Repairman # 2587433

Hobbs/Tach [Signature] W.O.# MS12230(80334)

Action: PERFORMED FMR 91.411, 91.413/43 APPR  
AND F AND MODFC INTEGRATION TESTS OK,

BA Form 012

Registration # N-490M

I certify that the following transponder and altitude reporting system was tested as required by FAR 91.413 as per the instructions in FAR 43 appendix F.

Transponder Model # KT770 SN 1789  
Signature [Signature] Date 22-AUG-18  
Certificate No. 2587433 for Butler Avionics, Inc.  
FAA Repair Station TFR185L

BA Form-009

ns To  
r and the Approving Agency

Registration # N-490M

I certify that the following equipment and associated intercom systems were tested as required by FAR 91.411, FAR 43, Appendix E, FAR 23.1325, FAR 25.1325 and/or specific RVSM requirements found in \_\_\_\_\_

Place's, Altitude (ASD) 58114  
Co-Place's Altitude (ASD) 54946  
STDBY Altitude (ASD) 54946  
Remote Encoder/ADC 54946  
RVSM Compliance 54946  
MAX Test Altitude to 54946  
Signature [Signature] Date 22-AUG-18  
FAA Repair Station: TFR185L  
Butler Avionics, Inc.  
BA Form-003

**Airworthiness Directives**  
Chronological Listing of Compliance and Method of Compliance

YEAR:	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives
2003			
DATE			
30 Jan 2000-26-16	2926.6	CW by installing missing rivets, no further action required.	
Oct 3, 2018	Hobbs Reads 1120.1	Completed annual inspection of fire extinguishers	
	Malin Humphreys ADP 2899648		
Oct. 29, 2018	Hobbs Reads 1124.1	Installed new seal in left main strut. Installed new brake hoses in wheel well. See Certificate of Conformance Ref. H34161-1 dated 10-17-18, Installed new tire and tube. Tire tag dated 10-9-18.	
	M. Humphreys ADP 2899648		

YEAR: A.D. NUM

490M

Date- 17-Nov-18

Butler Avionics, Inc.

Station #TF2R189L

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

Signature

Hobbs/Tach

Action:

INSPECTED AND PERFORMED HOMEWORK

SERVICE MEMO 292 CHECKS, RAMP CHECKED A/P AND TRIM OPERATION OK.

Repairman # 2587433

W.O.# NDI 3070 (80648)

BA Form 012

DEER HORN AVIATION, LTD.

N490M

Beechcraft B36TC

S/N: EA-390

January 09, 2019

1 Replaced nose tire tube with new, P/N: 06-08300

Acft Tach: 136.7

This aircraft is returned to service pertaining to the work performed. Pertinent details of the work accomplished on this aircraft are on file at this agency under work order number WTran112.

Raul Meza Jr.

AP35297951A

YEAR: A.D. NUMBER

TOTAL TIME IN SERVICE

Airworthiness Directives Chronological Listing of Compliance and Method of Compliance

2019

DATE

11/2019

Hobbs

1163.4

Inspected nose tire repair.

11/2019

Melvin Humphrey

AP 2849648

Installed new seals

10/24/2019

Hobbs

Reads 1163.4

Installed new seals in master cylinders. Replace one elevator static wicks base. Installed new Lord shiny Dampers. Melvin Humphrey

AP 2849648

11/2019

Installed new voltage regulator P/N

AP 2849648

Installed new brush holder assembly

000380-1

Melvin Humphrey

AP 2849648

Installed new brush holder assembly

AP 2849648

April 5, 2019

Hobbs

Reads 1185.1

Installed new brush holder assembly

AP 2849648

AP 2849648

Melvin Humphrey

AP 2849648

Installed new brush holder assembly

AP 2849648



YEAR:	TOTAL TIME IN SERVICE	Manufacturers' Mandatory Service Bulletins Chronological Listing of Compliance and Method of Compliance
2019		
DATE		
May 28 <sup>th</sup>	Hobbs 1190.9	Total Time 4672.7 Complied with AD 2018-06-11 by inspection of exhaust clamp. Oxygen bottle tested by Aerospace Turbine Rotables, Inc. Installed GDL 82, S/N 4PF003115, complied with 91.207(d) on EIT, Inspected alternator as per Beech maintenance manual, in Section 5. Inspected 9tc BC410 alternator as per TCA # 900-0012-00 Rev T, checked accuracy of tachometer.
		I certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
		William Hump May AP 2849648. (TA)
June 24, 2019	Hobbs 1205.5	Repaired wire to wire jack.
		William Hump May AP 2849648

**FAR 91.413 Certification**

Aircraft: N490M

Signed: William P. Blakely  
 Stop Order # 19-1653  
 Date: 6-25-2019 FAA CRS # 9KCR114D

Alpha Air Center

N490M  
Butler Avionics, Inc.

Date - November 14, 2019  
Station #TF2R185L

**Removal or Exchange**

Model Serial Number

The aircraft and/or component identified were repaired in accordance with current Federal air regulations and were found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Removed and reinstalled the pitch, rolls, yaw, and pitch in servos and capstans for Service Bulletin 292 annual check. Set the torque on the capstan's, inspected, and cleaned the bridle cables.

Signature: Waymond Repairman #2347550  
 WO#MS1561081737

☐ Addition of Optional Equipment

☐ Removal of Optional Equipment

☐ Addition of Required—Exchanged for Optional

☐ Removal of Required—Exchanged for Optional

☐ Addition of Optional Equipment

☐ Removal of Optional Equipment

☐ Addition of Required—Exchanged for Optional

☐ Removal of Required—Exchanged for Optional

☐ Addition of Optional Equipment

☐ Removal of Optional Equipment

☐ Addition of Required—Exchanged for Optional

☐ Removal of Required—Exchanged for Optional

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☐ Addition of Optional Equipment

☐ Removal of Optional Equipment

☐ Addition of Required—Exchanged for Optional

☐ Removal of Required—Exchanged for Optional

YEAR:	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange		
DATE	Item	Manufacturer's Name	Model	Serial Number
2019				
Dec 27, 2019	Hobbs 1389.5	Total Time	4771.3	
Completed with	AD-2018-06-11	by inspection of exhaust		
clamp.				
Completed with	91.202 (d)	on E.T.		
Inspected alternator	as per Beech maintenance manual			
Section 5.				
Inspected B+C	BC410 alternator	as per ICA, # BC410		
Rev. A.				
Inspected Aspen	PFD	as per ICA #900-0012-001		
Rev. T.				
Checked accuracy of tachometer				
Installed new battery in PFD	P/N 409-00003-001			
I certify this aircraft has been inspected in accordance with Federal inspection and was determined to be in airworthy condition.				

Jul 31, 2020 Hobbs 1310.6 Total Time 4792.4  
 Installed engine S/N 249089-R. Total engine time 3332.5  
 SMOH O.  
 New engine mounts, overhauled exhaust system C38-150  
 alternator, overhauled propeller governor, new fluid hoses  
 installed. Tested static/pitot systems, overhauled standby altimeter.  
 Installed EFS-D10A. Remod vacuum system.  
 Melvin Hump/Keeg ADP 2849648  
 I certify that the following transponder and altitude reporting  
 system was tested as required by FAR 91.413 as per the  
 instructions in FAR 43 Appendix F.  
 Transponder Model# KT-79 S/N 1789  
 Signature KE Date: 08/08/2020  
 Repairman No. 4391946 for Butler Avionics, Inc.  
 FAA Repair Station TF2R1851



Notes

Registration # N490M  
I certify that the following equipment and associated  
pitot/static systems were tested as required by FAR 91.411,  
FAR 43, Appendix E, FAR 23.1325, FAR 25.1325 in  
Pilot's Altimeter/ADC: PFD EFD1000 S/N 120895  
Encoding Altimeter/ADC: KEA-346 S/N 2245  
STDBY EFIS Altimeter: D10A S/N 7903  
STDBY Analog Altimeter: 5934A-1 S/N 5A936  
MAX Test Altitude to 25,000 Feet

Signature JS Date: 08/18/2020  
Repairman No. 4391946 for Butler Avionics, Inc.  
FAA Repair Station TF2R185L

Notes

N490M  
Butler Avionics, Inc.

Date - December 10, 2020  
Station #TF2R185L

The aircraft and/or component identified were repaired in accordance with current  
Federal air regulations and were found airworthy for return to service. Pertinent  
details of the repair are on file at this agency.  
Removed and reinstalled pitch, roll, yaw, and pitch trim servos and capstans. Set  
torque on capstans, inspected and cleaned bridle cables. Honeywell SB #292  
complied with. Functional Check ok.

Signature JS Repairman # 4391946  
WO# MS17890

Notes

Jan 9, 2021 Hobbs 1349.0 Total Time 4830.8

Complied with AD2018-06-11 by inspection of tail pipe clamp.

Inspected alternator as per Beech maintenance manual, Section 5.

Inspected BAC alternator as per ICA # 900-0012-001 Rev. 5.

Inspected Aspen PFD as per ICA # 900-0012-001 Rev. 5.

Inspected Dynon EFIS - D10A as per ICA # T55-man-01 Rev. 2.

Checked accuracy of Tachometer.

Installed new covers on front seats. See Burn certificate dated 1-15-21.

Repaired bonding strap on right flap. EIT removed for Mx.

I certify this aircraft has been inspected in accordance

with an Annual inspection and was determined to be in

airworthy condition. Melvin Humphreys ATP 3849648 (IA)

Feb. 24, 2021 Hobbs 1356.0 Installed new ELT Battery.

Replacement date, 02/23. Complied with 91.207(d).

Melvin Humphreys ATP 3849648

July 16, 2021 Hobbs 1401.6 Installed overhauled aux fuel pump. Melvin Humphreys ATP 3849648

10-6-21 Hobbs 14130.1 Installed new line to oxygen gauge. Reaired pilot's head phone Jack Melvin Humphreys

10-26-21 Hobbs 1448.7 Total Time 4930.5 ATP 3849648

Complied with AD2018-06-11 by inspection of Tail pipe Clamp.

Inspected alternator as per Beech maintenance manual, Section 5

Inspected BAC alternator as per ICA # 900-0012-001 Rev. 5

Inspected Aspen PFD as per ICA # 900-0012-001 Rev. 2

Inspected Dynon EFIS - D10A as per ICA # T55-man-01

Rev. 2 Check accuracy of Tachometer.

Installed new brake linings on left main landing gear.

Complied with Annual Fire extinguisher inspection

I certify this aircraft has been inspected in accordance with an Annual

inspection and was determined to be in airworthy condition.

Melvin Humphreys ATP 3849648



10-26-21 Hobbs 1448.7 Impeded spar carry thru as per AD 95-04-03 Melvin Humphreys AD 2849648

Aircraft Registration Number: N490M  
Butler Work Order Number: MS20570  
Repair Station Work Order Number: 83216

22 December 2021  
Repair Station #TT2R185L

The aircraft identified in this entry has been repaired in accordance with current FAA regulations and has been found airworthy and may be returned to service with respect to the work performed. Additional details of the repair are on file with this agency.

Removed and reinstalled pitch, roll, yaw, and pitch trim servos and capstans. Set torque on capstans, inspected and cleaned bridle cables. Honeywell SB #292 complied with Functional check OK.

Signature  
Repairman #4391946

*[Signature]*

May 30, 2022 Hobbs 1483.1 Installed new tire and tube on Right Main Landing gear, Melvin Humphreys AD 2849648

June 2, 2022 Hobbs 1483.1 Installed oxygen bottle after hydro test by AeroSpace Turbine Rotable, Inc.

Melvin Humphreys AD 2849648

July 14, 2022 Hobbs 1506.5 Installed serviceable #2 Radio - KX155. Melvin Humphreys AD 2849648

Aircraft Registration Number: N490M  
Butler Work Order Number: MS21860  
Repair Station Work Order Number: 83599

29 August 2022  
Repair Station #TT2R185L

The aircraft identified in this entry has been repaired in accordance with current FAA regulations and has been found airworthy and may be returned to service with respect to the work performed. Additional details of the repair are on file with this agency.

Aircraft certified to 25000 feet per FARs 91.411, 91.413, 43 Appendix E&F, PFD EFD-1000, S/N 120895, Standby EFIS D10A, S/N 7903, Encoding Altimeter KEA-346, S/N 2245, Standby Analog Altimeter 5934A-1, S/N 5A936, Transponder KT-79, S/N 1789.

Signature  
Repairman #4376207

*[Signature]*

Nov. 7, 2022 Hobbs 1547.3 Total Time 5026.1

Completed with AD 2018-06-11 by inspection of Tail pipe clamp.

Replacement due 1572.1

Inspected alternator as per Beech maintenance manual, Section 5

Inspected B+C alternator as per ICA # BG 410, Rev A

Inspected Aspen PFD as per ICA # 900-0012-001 Rev T

Installed new battery in PFD, ~~2~~

Inspected Dynon EFIS-810A as per ICA # TJS-man-01 Rev 2

Checked accuracy of tachometer,

Installed new nose tire and tube,

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

Melvin Humphreys ATP 2849648 (IA)

N490M  
Butler Avionics, Inc.

Date - 12/29/2022  
Station #TF2R185L

The aircraft and/or component identified were repaired in accordance with current Federal air regulations and were found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Removed and reinstalled pitch, roll, yaw, and pitch trim servos and capstans. Set torque on capstans, inspected and cleaned bridle cables. Honeywell SB #292 complied with. Functional check OK.

Signature



Repairman #4372207

WO#MS22640 / 83806

Feb. 28, 2023 Hobbs 1571.5 Total Time 5053.3

Completed with AD 2018-06-11, 39-19231 by installing new clamp.

Clamp Replacement ~~2~~ Time 5553.3 Total Time 2071.5 Hobbs.

Installed propeller after overhaul.

Melvin Humphreys ATP 2849648

March 4, 2023 Hobbs 1571.5 Installed new ELT Battery. (Replacement due 3-25 Completed with 31.207CD).

Melvin Humphreys ATP 2849648