

Date: 8/25/2017 N42CV Make: PA-31T S/N: 8020067 ACTT: 5612.02 Hobbs: 5612.02

DATE

- Removed & replaced tail beacon bulb with new
  - Removed Left engine tach generator P/N: 22A703 S/N: 698 ; Installed P/N: 22A703 S/N: 46197 Overhauled by Accessories, Inc. 4123 May St. FAA # TM2R192L Wichita, KS. 67209 work order # 71817R.
- All work done in accordance with piper Cheyenne MM and was found to be satisfactory for worked performed & approved for returned to serviced.

Jason Matthews

DATE: 4/10/2018 N42CV MAKE: PIPER MODEL PA-31T S/N: 8020067 ACTT: 5713.6 HOBBS: 5713.6  
AIRFRAME

- Accomplished an Event 1 / 100 hour inspection on AIRFRAME in accordance with PN 761-644 Piper Cheyenne Progressive inspection checklist & Piper MM & Pratt Whitney MM.
- Visual inspection of AIRFRAME group
- Lubed all controls & rod-ends & linkages.
- Complied with AD 2009-13-06 R1 dated November 3 2011 per paragraph (f) (2) (i) lubricated & inspected all nose baggage door latching & locking components for damage, worn, corroded, or non-conforming components; and (ii) verified the key can only be removed from the lock assembly in the lock position in accordance with instructions: PART II of Piper Aircraft, INC. SB No. 1194B, dated April 12, 2012. Due each 100 hours. (No defects noted at this time).
- Complied with ELT battery function test in accordance with FAR 91.207(d), operational checks good. Battery due date JULY 2018.
- Verified FAR 91.411 & 91.413 ALT/TRSP. Static check due date JULY 2018.
- Complied with fire extinguisher weight check.
- Complied with 100 hour Emergency Exit window inspection per section IV Piper MM (No defects noted).
- Complied with 100 hour Wing flap actuator inspection system per section III Piper MM. (No defects note).
- Complied with 100 hour inspection AD 2004-21-05 Kelly Aerospace Heaters (e) (1) (a) performed pressure decay test per Janitor MM 24E25-1. (No defects note).
- Complied with 100 hour Aileron sprocket inspection per section III Piper MM. (No defects noted).
- Complied with 100 hour Heater fuel regulator shutoff valve inspection AD 2004-25-16 R1 dated 06/20/2005. Inspected fuel regulator shutoff valve per Kelly Aerospace dated 09/06/2002 or later revision. (No defects noted).
- Removed & replaced Hobbs meter with new P/N: 550-580 (5708.9 old).
- Removed & replace Left beta P/N: 487-925 switch & P/N: 451-841 actuator with new.
- Removed Radar Altimeter P/N: 066-1048-00 KRA -405 S/N: 2248 & reinstalled with exchanged unit P/N: 066-1048-00 S/N: P1014 overhauled by FIELDTECH AVIONICS AND INSTRUMENTS, INC. CRS# WR1R594K WORK ORDER# 183132 (SEE 8130-3).
- Removed Radar Altimeter Indicator KNI 415 P/N: 066-3031-01 S/N: 1799 & reinstalled overhauled unit P/N: 066-3031-01 S/N: 5913 by PRECISION AVIATION GROUP INC. CERT. # ZV4R714M WORK ORDER # 3212982 (SEE 8130-3).
- Remove & replaced cabin entry door hinge pin P/N: 8176-070 with new.
- Removed hydraulic pump P/N: 26802-8 model: 1213HBG-310A S/N: 0L9-0864 & reinstalled with new P/N: 1213HBG-310ACJ S/N: 1715 by (C) J AVIATION, 12215 S. W., 131 AVE. MIAMI, FL.33186 WORK ORDER # 300724.(SEE 8130-3)
- Wash & ground ran engine operational & leak checks satisfactory.
- AD's research thru 2017-2018.

I certify that this AIRFRAME has been inspected in accordance with an Event 1 / 100 hour inspection following the Piper Cheyenne Progressive 100 hour inspection checklist in accordance with FAR 43, appendix (d), PN761-644 and was found to be in an AIRWORTHY condition and approved for returned to service.

Jason Matthews

Date: 5/1/2018 N42CV Make: Piper Model: PA-31T S/N: 8020067 ACTT: 5720.0 HOBBS: 5720.0

- Removed outflow valve controller p/n: 130374-14 s/n: 100-479; Installed p/n: 130374-14 s/n: 122-769 repaired by Pacific Aerospace LLC 1295 Spice Island Drive, Sparks, NV 89431 Cert# K8UR309Y Work Order# 37800. (See 8130-3 Form).
- All work performed I/A/W Piper PA-31T maintenance manual.

All work performed I/A/W Piper Cheyenne II Maintenance Manual, Aircraft was approved for returned to service.

Jason Matthews

SUB-TOTAL this page

TOTAL-Carry forward to next page

Page No



Corporate Aircraft Maintenance

**AIRFRAME LOG**  
W/O #9708

**N42CV**

**S/N 31T-8020067**  
**04/05/18**

325 Airport Road  
Washington, PA 15301  
(724)228-6400  
Fax (724)228-6448  
custservice@friendaircare.com

G WORK

Repaired **Left and Right** Duct assemblies I/A/W Piper manual p/n 753-8/26 and AC 43.13-1B (CHG 1) Chap 4, Sections 4/5. Replaced screens and installed doublers as required.

**PAGE ONE OF ONE**

**FRIEND AIRCARE**  
325 AIRPORT ROAD  
WASHINGTON PA 15301  
PH. 724-228-6400 FAX 724-228-6448  
**MAINTENANCE RELEASE**

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO#9708 DATE 04/05/18.

SIGNED: [Signature]

FOR APPROVED REPAIR, STATION GW1R181K

MAKE: PIPER  
MODEL: PA-31T  
S/N: 31T-8020067  
REG NO: N42CV  
WORK ORDER: 3120-05-2018



**Western Airways, Inc.**

200 Jim Davidson Dr.  
Sugar Land, TX 77498  
Phone: 281-565-9700

DATE: 10 May, 2018  
A/C TSN:  
Landings:  
HOBBS: 32.5

**Airframe Entries**

Nose tire worn to limits... Jacked aircraft I/A/W Piper PA-31T M.M. section 2 para. 2-11. Removed NLG wheel assembly. Disassembled wheel halves. Removed, cleaned, inspected, repacked and reinstalled wheel bearings. Replaced wheel half o-ring, and tire Michelin Aviator P/N 021-611-0 S/N 5359S00115. Reassembled wheel halves and inflated to 90psi. Balanced wheel assembly. Installed wheel assembly on NLG fork and torqued. All done I/A/W Piper PA-31T M.M. Section 7.  
RH main tire and brake disc worn to limits... Removed right main landing gear wheel assembly. Removed, cleaned, inspected, repacked and reinstalled wheel bearings. Replaced tire Goodyear Flight Custom III P/N 650C06-3 S/N 53032403 and tube Michelin P/N 092-344-0. Replaced brake disc Rapco P/N RA164-03906. Reassembled wheel assembly, inflated, and balanced. Installed wheel assembly with two Rapco shims per brake cylinder P/N RA068-03100. All work I/A/W Piper PA-31T M.M. Section 7.

LH main tire and brake disc worn to limits... Removed Left Main Landing Gear wheel assembly. Removed, cleaned, inspected, repacked, and reinstalled wheel bearings. Replaced tire Goodyear Flight Custom III P/N 650C06-3 S/N 53042067 and tube Michelin P/N 092-344-0. Replaced braked disc Rapco P/N RA164-03906. Reassembled wheel and balanced. Installed wheel and brake assembly with two Rapco shims P/N RA068-03100 per brake assembly. All done I/A/W Piper PA-31T M.M. Section 7. Lowered aircraft from jacks I/A/W Piper PA-31T M.M. Section 2 para. 2-11.

All maintenance performed on this aircraft was performed in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed above.

DATE: 10 May, 2018

SIGNED: [Signature]

Logan Romero

Work Order: 3120-05-2018

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SUB-TOTAL this page

TOTAL-Carry forward to next page

**AIRFRAME**

DATE: 9/28/2018 **N42CV** MAKE: PIPER MODEL: PA-31T S/N: 8020067 ACTT: 5784.1 HOBBS: 97.7

- ACCOMPLISHED AN **EVENT 2 / 100 HOUR INSPECTION** ON THIS AIRFRAME IN ACCORDANCE WITH PN 761-644 PIPER CHEYENNE PROGRESSIVE INSPECTION CHECKLIST & PIPER CHEYENNE & PRATT WHITNEY MM.
- VISUAL INSPECTION OF AIRFRAME GROUP.
- LUBED ALL CONTROL & RODENDS & BELLCRANKS & LINKAGES & CONTROLS SURFACES
- COMPLIED WITH **AD 2009-13-06 R1** DATED NOVEMBER 3 2011 PER PARAGRAPH (f) (2) (i) LUBRICATED & INSPECTED ALL NOSE BAGGAGE DOOR LATCHING & LOCKING COMPONENTS FOR DAMAGE, WORN, CORRODED, OR NON-CONFORMING COMPONENTS; AND (ii) VERIFIED THE KEY CAN ONLY BE REMOVED FROM THE LOCK ASSEMBLY IN THE LOCK POSITION IN ACCORDANCE INSTRUCTIONS: PART II OF PIPER AIRCRAFT, INC. SB NO. 1194B, DATED APRIL 12, 2012. DUE EACH 100 HOURS. (NO DEFECTS NOTED AT THIS TIME).
- REMOVED & REPLACED **ELT BATTERY** WITH NEW. NEXT DUE **OCT 2020**.
- COMPLIED WITH **ELT BATTERY** FUNCTION TEST IN ACCORDANCE WITH FAR 91.207(d), OPERATIONAL CHECKS GOOD.
- VERIFIED FAR 91.411 & 91.413 **ALT/TRSP**, STATIC CHECK DUE DATE **7/27/2020**.
- COMPLIED WITH FIRE EXTINGUISHER WEIGHT CHECK.
- COMPLIED WITH 100 HOUR **EMERGENCY EXIT WINDOW** INSPECTION PER SECTION
- COMPLIED WITH 100 HOUR **WING FLAP ACTUATOR** INSPECTION SYSTEM PER III PIPER MM (NO DEFECTS NOTED).
- COMPLIED WITH 100 HOUR **HEATER FUEL REGULATOR -SHUTOFF VALVE** INSPECTION AD 2004-25-16 R1 DATED 06/20/2005. INSPECTED FUEL REGULATOR SHUTOFF VALVE PER KELLY AEROSPACE DATED 09/06/2002 OR LATER REVISION. (NO DEFECTS NOTED).
- COMPLIED WITH 100 HOUR INSPECTION **AD 2004-21-05** KELLY AEROSPACE HEATERS (e) (1) (a) PERFORMED PRESSURE DECAY TEST PER JANITOR MM 24E25-1. (NO DEFECTS NOTED).
- COMPLIED WITH 100 HOUR **SPROCKET INSPECTION** PER SECTION III PIPER MM. (NO DEFECTS NOTED).
- REMOVED & REPLACED RIGHT ENGINE AC SHAFT ASSY COMPRESSOR DRIVE QUILL WITH NEW P/N: 486-647 & NEW PULLEY P/N: 49201-002 & GASKET P/N: 50068-00 & WOODRUFF KEY P/N: 424-910.
- COMPLIED WITH **300 HR INSPECTION** ON **STARTER GENERATOR** BY PRECISION AVIATION GROUP.
- REMOVED & REPLACED RECEIVER DEHYDRATOR WITH NEW P/N: 552-214.
- COMPLETED **5 YEARS HYDRO STATIC TEST ON OXYGEN BOTTLE** BY SHORELINE MARINE, INC. DBA SAFETECH WV1R599K 1230 WILSON COURT HUMBLE, TX. 77396 WORK ORDER # N42CV & WORK ORDER # AH100102 & AH100234. NEXT DUE **9/2023**
- REMOVED & REPLACED TAIL RECOGNITION LIGHT WITH NEW WHELEN P/N: 01-077024-03.
- WASHED & GROUND RAN OPERATIONAL & LEAK CHECKS ALL SYSTEM CHECKS SATISFACTORY.
- AD'S RESEARCH THRU 2017-2018.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN **EVENT 2 / 100 HOUR INSPECTION** FOLLOWING THE PIPER CHEYENNE PROGRESSIVE 100 HOUR CHECKLIST IN ACCORDANCE WITH FAR 43, APPENDIX (d), PN 761-644 AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURNED TO SERVICE.

-END-

JASON MATTHEWS

DATE: 12/19/2018 **N42CV** MAKE: PIPER MODEL: PA31-T S/N: 8020067 ACTT: 5818.6 HOBBS: 129.2

- REMOVED INTERIOR & FLOOR PANELS.
  - REMOVED BOTH LEFT & RIGHT ENGINE COWLINGS.
  - REMOVED ALL EXTERIOR PANELS FOR ACCESS TO BLEED AIR DUCTS & LINES.
  - INSPECTED ALL BLEED AIR DUCTS & PNEUMATIC HOSES.
  - ACCOMPLISHED PRESSURIZATION TEST WITH GROUND PRESSURIZATION UNIT ON FUSLAGE & EXTERIOR DUCTS & LINES & EVAPOATOR BOX & HEATER FOR LEAKS.
  - REMOVED & REPLACED DEFECTIVE EVAPORATOR BOX P/N: 46254-00 WITH SERVICEABLE UNIT P/N: 46254-00 (INSPECTED CLEANED & FLUSHED OUT).
  - INSTALLED NEW DUCT P/N: 49990-005 ON LOWER EVAPORATOR BOX.
  - REINSTALLED ALL REMOVED ITEMS NOSE COMPARTMENT.
  - REPRESSURIZED FUSELAGE & OPERATION & LEAK CHECK SATISFACTORY.
  - TROUBLESHOOT INOP. HEATER (FOUND TWO BROKEN BREAKER TERMINAL CONNECTIONS. REPAIRED AS REQUIRED BEHIND BREAKER PANEL)
  - HEATER OPERATION CHECK SATISFACTORY.
  - REINSTALLED INTERIOR & EXTERIOR PANELS.
  - RECOVERED BOTH ENGINE.
  - VACUUM AC SYSTEM & SERVICED WITH R134 & OIL CHARGED.
  - REMOVED & REPLACED BROKEN INBOARD GEAR DOOR ACTUATOR BRACKET WITH NEW P/N: 46357-01.
- ALL MAINTENANCE PERFORMED ON THIS AIRCRAFT WAS PERFORMED IN ACCORDANCE WITH PIPER MM & CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED ABOVE.

-END-

JASON MATTHEWS

# AIRFRAME LOG

Date: 10/16/2019 N42CV Make: Piper Model: PA-31T S/N: 8020067 ACCT: 5954.6 Hobbs: 268.0

Page

- Accomplished an Event 2 / 100 hour & Annual inspection on this Airframe in accordance with FAR 43, Appendix (d), PN761-644 Piper Cheyenne Progressive checklist & Pratt Whitney MM.
- Visual inspection of airframe group. Lubed all controls & rod ends & linkages & control surfaces.
- C/W AD 2009-13-06 R1 dated November 3 2011 per paragraph (f) (2) (i) lubricated & inspected all nose baggage door latching & locking components for damage, worn, corroded, or non-conforming components; & (ii) verified the key can only be removed from the lock assembly in the lock position in accordance with instructions: part II of Piper Aircraft Inc. SB No. 1194B, Dated April 12, 2012. Due each 100 hours. (No defects noted at this time.).
- C/W with ELT Battery function test in accordance with FAR 91.207 (d), operational checks satisfactory. Battery due date Oct 2020.
- Verified FAR 91.411 & 91.413 ALT/TRSP, static check Due date 7/27/2020.
- C/W fire extinguisher weight check.
- C/W 100 hour/ 1 year Acrylic window inspection in accordance with Piper MM chapter 6 appendix
- C/W 100 hour Emergency Exit Window inspection per section IV Piper MM (no defects noted).
- C/W 100 hour Wing flap actuator inspection system per section III Piper MM (no defects noted).
- C/W 100 hour inspection AD 2004-21-05 Kelly Aerospace Heater (e) (1) (a) performed pressure decay test per Janitor MM 24E25-1 (no defects noted).
- C/W 100 hour Heater fuel regulator shutoff valve inspection AD 2004-25-16 R1 dated 06/20/2005, Inspected fuel regulator shutoff valve per Kelly Aerospace dated 09/06/2002 or later revision. (No defects noted).
- C/W 100 hour Aileron inspection per section III Piper MM. (no defects noted).
- C/W AD 2003-24-07 amendment 39-13376 effective date 02/09/2004. Visual inspection of rudder torque tube per paragraph (e) (2) & Piper SB1105A dated 09/22/2003, (no corrosion detected at this time).
- C/W Piper SL1069 dated 03/31/2003 flight controls terminals corrosion inspection, (no corrosion detected at this time).
- C/W Piper SL1135 control cable/pulley inspection. (No defects noted at this time).
- C/W All AD's research Thru 2017-2019
- Removed & replaced main aircraft battery with new Concorde Platinum Series p/n: RG-380E/44K s/n:41008654
- Removed & replaced left 7 right hydraulic filter with new p/n: 57274.
- Removed & replaced right outboard lanyard p/n: 472-059.
- Removed & replaced condenser blower motor with new p/n: 4544-00-5 o/h by George's Electrical service 1336 Santa Ana Avenue Sacramento, CA. 95838 (work order # 13201)
- Removed & replaced both pneumatic filters p/n: RA2J4-6.
- Removed & replaced all 4 fuel caps oring p/n: CA457-98.
- Removed & replaced Left prop control cable with new p/n: 46918-02.
- Removed & replaced Right prop control cable with new p/n: 46918-07.
- Removed & replaced both left & right cowlings receptacle with new p/n: 484-301.
- Removed & replaced both left & right cowlings Studs with new p/n: 487-704.

I certify that this Airframe has been inspected in accordance with An Event 2 /100 hour & Annual inspection following the Piper Cheyenne Progressive 100 Hour checklist in accordance with FAR 43, Appendix (d), PN 761-644 and was found to be in and Airworthy condition and approved for return to service.

End

Jason Matthews

SUB-TOTAL this page

TOTAL-Carry forward to next page