

#4

THIS ELT EQUIPPED WITH ALKALINE  
BATTERY PACK P/N BP-1020

JUN 08

MERL

REPLACE BY

MERL INC. 1777 N. Colony Rd. P.O. Box 105 Meriden, CT 06450  
WARNING! DO NOT DISCARD BATTERY IN HEAT OR FIRE!

IFR CERT IN AVIONICS SECTION

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AIRFRAME  
MAINTENANCE  
RECORDS**

# 518 ENTRY.



## AIRFRAME MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. 8614Y

Aircraft Mfg. Piper Model PA30 Serial No. 30-1754

Engine Mfg. Lycoming (L) Model IO-320-B1A Serial No. L-1161-55A

Engine Mfg. Lycoming (R) Model LI0-320-B1A Serial No. L-311-66A

Propeller Mfg. Hartzell (L) Model HCE2YL-2BS Serial No. BG-3659

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. 7663-4 Blade Serial No's. B37901 - B37885

Propeller Mfg. Hartzell (R) Model HCE2YL-2BLS Serial No. BG-3679

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. J7663-4 Blade Serial No's. B78928 -

B78796

(All applicable information must be filled in)



**AEROTECH PUBLICATIONS INC.**

PO BOX 1359 / SOUTHOLD, NY 11971-0965

(516) 765-9375

FAX: (516) 765-9359

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			S/N 30-1754 TOTAL brought forward from previous page Log book starts this date
2-1-99			
AFTT. 4419.37			
Tach: 286.27			
CAND MOSK IAS 3900588			
			Corrected Tach - 286.27
			Checked for AD 9825-10 found to be
			N/A not installed. Removed old heater
			installed New style Rebuilt heater
			Model B2500 P/N FR20035-1EL S/N A98100046
			AD 96-20-07 no longer applies. Installed
			overhauled combustion heater. Installed
			new clamp on tail pipe Assy. Check
			337 for details on Heater install. Installed
			the following flap Actuated gear warning
			System as per STC SA2647CE. Shoulder harness
			kit for bolt front seats as per STC SA00484W
			Installed GARMIN fuel injector Weyburn
			both engines as per STC SE09445K. Installed
			new TAXI light as per STC SA1341SW. Check
			337's for details
			AP 1856340

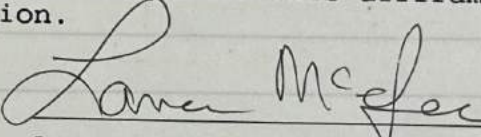
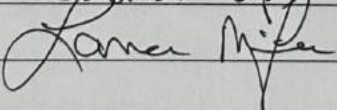
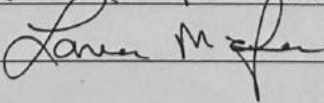
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			N <u>86144</u> SA
			I Certify that Altimeter and Static System Tests Required by FAR 91.411 Have Been Performed.
			Static System Date <u>10-15-99</u>
			Altimeters Tested to <u>20,000</u> ft
			LH S/N <u>C100202</u> Date <u>10-15-99</u>
			RH S/N <u>N/A</u> Date <u>—</u>
			Work Order # <u>00248</u>
			Signed <u>MBurnham</u>
			Phoenix Air, Cartersville, GA Repair Station ESPR691D
			N <u>86144</u> SA
			I Certify that ATC Transponder Test and Inspection Required by FAR 91.413 Have Been Performed.
			S/N <u>33261</u> Date <u>10-15-99</u>
			S/N <u>N/A</u> Date <u>—</u>
			Work Order # <u>00248</u>
			Signed <u>MBurnham</u>
			Phoenix Air, Cartersville, GA Repair Station ESPR691D

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
1999			
TOTAL brought forward from previous page			
AFTT: 4540.59	407.49		
Piper PA-30 N 8614Y S/N 30-1754 Nov. 16, 1999 Airframe prepared for inspection. All cowlings, fairings, inspection plates removed. Airframe inspected I/A/W Piper Service Manual, table III-I, "Inspection Report", and serviced I/A/W Piper Service Manual and/or component mf'g manuals. Replaced ELT batt, due Oct. '01. C/W 91.207 (d). Removed left fuel selector valve, disassembled, cleaned, lubed, re-installed. Repaired rt. rear pax audio jacks. All AD's checked thru this date and complied with, see list. I certify that I have inspected this airframe I/A/W an annual inspection.			
 Lance McAfee A&P 356363059 IA Southland Aviation			
12-8	412.6		<del>Replace</del> <del>Repair</del> main battery w/ new AFTT: 4545.70 Gill S/N G01861616. Clean batt. box & cables. Oxy ck OK.  A&P 356363059
12-22	418.1		Replace L & R MLC bumper AFTT: 4551.20 cords.  A&P 356363059

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Southland Aviation, Inc.  
155-E Hangar 33 Highway 61 S.E.  
Cartersville, GA. 30120

Voice: 770 386-7633 Fax: 770 386-6355  
e:mail [southlandav@mindspring.com](mailto:southlandav@mindspring.com)

Re: Piper PA-30 "Twin Commanche"  
N 8614Y

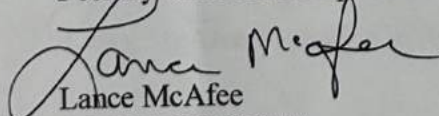
Annual Inspection

Dec. 14, 2000

Tach: Left 474.87  
Rt. 476.22

Complete aircraft prepared for inspection, all cover plates, fairings, cowlings, etc. removed. Interior removed. Complete airframe inspected I/A/W Piper Twin Comanche Service Manual, Table III-1 'Inspection Report', revised 4/6/81. All systems serviced, greased, charged, etc. I/A/W Piper Twin Comanche Service Manual. See details in S.A. work order : # 200114. Replaced Inst. sys. air filter w/ Airborne D9-18-1. Replaced air induction sys. filters w/ BA-105 filters. Replaced Lt. & Rt. MLG bungees w/ PN 31322-007 units. Disassembled both Lt. & Rt. MLG scissor braces and replaced bushings and AN bolt hdw're w/ new. Re-assembled, op's ck. All AD's checked thru 2000-24-02. All recurring AD's C/W. See AD list.

I certify that I have inspected this aircraft I/A/W an annual inspection.

  
Lance McAfee  
A&P 356363059 IA

Southland Aviation, Inc.  
155-E Hangar 33 Highway 61 S.E.  
Cartersville, GA. 30120

Voice: 770 386-7633 Fax: 770 386-6355  
e:mail [southlandav@mindspring.com](mailto:southlandav@mindspring.com)

Re: Piper PA-30 "Twin Commanche"  
N 8614Y

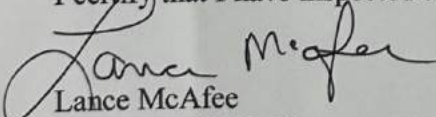
Annual Inspection

Dec. 14, 2000

Tach: Left 474.87  
Rt. 476.22

Complete aircraft prepared for inspection, all cover plates, fairings, cowlings, etc. removed. Interior removed. Complete airframe inspected I/A/W Piper Twin Comanche Service Manual, Table III-1 'Inspection Report', revised 4/6/81. All systems serviced, greased, charged, etc. I/A/W Piper Twin Comanche Service Manual. See details in S.A. work order : # 200114. Replaced Inst. sys. air filter w/ Airborne D9-18-1. Replaced air induction sys. filters w/ BA-105 filters. Replaced Lt. & Rt. MLG bungees w/ PN 31322-007 units. Disassembled both Lt. & Rt. MLG scissor braces and replaced bushings and AN bolt hdw're w/ new. Re-assembled, op's ck. All AD's checked thru 2000-24-02. All recurring AD's C/W. See AD list.

I certify that I have inspected this aircraft I/A/W an annual inspection.

  
Lance McAfee  
A&P 356363059 IA

# Southland Aviation, Inc.

155-E Hangar 33 Highway 61 S.E.  
Cartersville, GA 30120

Voice: 770 386-7633 Fax: 770 386-6355

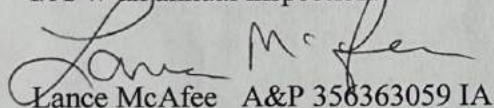
e:mail [southlandavi@mindspring.com](mailto:southlandavi@mindspring.com)

Mar. 6, 2002

N 8614Y Piper PA-30 S/N 30-1754 Lt. tach: 622.87

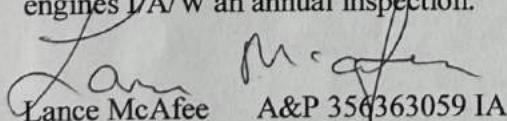
PTAT: 4755.97

Complete airframe and all systems prepared for inspection, cowlings, fairings and cover plates removed. Airframe inspected I/A/W Piper Twin Commanche Service Manual and Inspection Report Table III-I rev. 4-6-81. All components serviced and lubricated per Serv. Man. and all rigging checked. Installed Piper Service Kit 760 914, Aileron outb'd bracket and this is terminating action re: AD 77-8-1. Installed Piper SK 763 893, Aileron nose rib reinforcement, and is terminating action for AD 79-20-10. All Ad's checked thru this date and complied with. See AD List. I certify that I have inspected this airframe I/A/W an annual inspection.

  
Lance McAfee A&P 356363059 IA

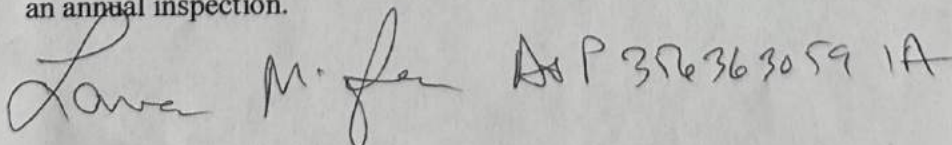
Lyc. L-IO-320 B1A & IO-320-B1A SN L-1161-55A & L-311-66A Lt Tach: 622.87

Both engines prepared for inspection, uncowed, inspected and cleaned. Complete engines and all accessories were inspected and serviced and rigging checked per Piper Serv. Man. and Inspection report. All AD's checked thru this date and C/W. see AD list. Engines test run, all temps and pressures norm. I certify that I have inspected these engines I/A/W an annual inspection.

  
Lance McAfee A&P 356363059 IA

Hartzell propellers, S/N's BG-3659 & BG-3679 Lt. tach: 622.87

Both propellers inspected I/A/W Hartzell Service Manual and serviced. All AD's checked thru this date, see AD list. I certify that I have inspected these propellers I/A/W an annual inspection.

  
Lance McAfee A&P 356363059 IA

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK					
			TOTAL brought forward from previous page					
Hill Aircraft & Leasing			FAA Certified Repair Station ESER686D					
AFTT: 4754.99	Customer: Shop	Work Order	Reg #	Make	Model	Serial #	Tach	Closed
			N8614Y	Piper	PA-30	30-1754	621.89	2-25-02
Opr	Description							
1	This aircraft has been inspected and has been found safe for the intended flight from FTY to VPC direct in accordance with Special Flight Permit dated 2-22-2002.							
999	***** The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service Signed: <u>Chad [Signature]</u> for RS# ESER686D *****							

Dec. 6, 2002 N 8614Y PA-30 Tach: 695.7

Removed lt. & rt. stabilator and drilled off right lower aft tail skin to gain access to the stabilator torque tube bearing support fittings. Removed hi-shear rivets, enlarged and reamed existing holes and installed AN21-15A bolts. Riveted aft tail skin in the original location. All work done I/A/W the instructions for Piper service kit SK-760-835 and/ or Webco Aircraft Co. A.M.O.C. per letter dated and FAA approval granted Apr. 3, 1996. Re-installed lt. & rt. stabilator and rigged I/A/W Piper PA-30 service manual. This installation is terminating action to AD 94-13-10.

Lance McAfee  
Lance McAfee  
Southland Aviation, Inc.  
FAA-CRS LGRR381X  
W.O. 200313

AFTT: 4832.80

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# Avionics West

P. O. Box 2032

Kennesaw, GA 30144

Work: 770-426-9411 Pager: 404-886-9460

ALTIMETER SCALE ERROR				VW1R6540K	
NOMENCLATURE ALTIMETER PRESSURE				SER# C100202	
TEST PT (FT)	INDICATOR READ- INGS AT +25 C	TEST PT (FT)	INDICATOR READ- INGS AT +25 C	TEST PT (FT)	INDICATOR READ- INGS AT +25 C
-1000	-5	6000	-10	10000	+30
000	-5	8000	-15	12000	+20
500	-5	10000	-20		
1000	-5	12000	-40		
1500	-5	14000	-40		
2000	-10	15000	-20	ask	-60
2500	-15	16000	-40	30K	-80
3000	-15	18000	-50		
4000	-20	20000	-60		
5000	-20	22000	-80		

## AVIONICS WEST, INC.

### SERVICABLE PART

MFG. Aero Sonic

MODEL NO. 101627

PART NAME ENCL. ALTIMETER

PART NO. SER. NO. C100202

REG. # TAT CYCLES

BENCH CHECKED ☒ REPAIRED ☐

OVERHAULED ☐

OWNER

### MAINTENANCE RELEASE

The aircraft and/or the component identified above was repaired or inspected in accordance with current Federal Aviation Agency Regulations and was found air worthy for return to service. Details of the repair are on file under Work Order:

WO# 4200

DATE 3/27/03 SIGNED [Signature]  
AVIONICS WEST, INC.  
VWIR654K

I CERTIFY THE ATC TRANSPONDER  
TEST PER FAR 91.413 AND COMPLY  
WITH FAR 43 APP. F.

Avionics West INC. VWIR.654K  
DATE 3/27/03 WO# 4200

I CERTIFY THE ALTIMETER AND  
STATIC TEST PER FAR 91.411 AND  
COMPLY WITH FAR 43 APP. E.

Avionics West INC. VWIR.654K  
DATE 3/27/03 WO# 4200

Day With

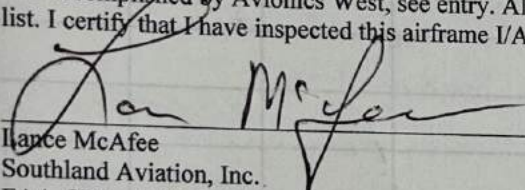
N 86141 Log entry

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			

AFTT: 4865.00

Mar. 28, 2003 Piper PA-30 N 8614Y Lt. tach: 731.9

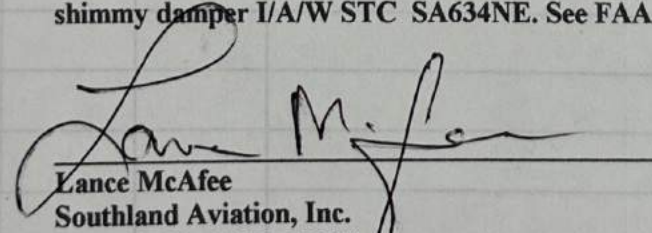
Complete airframe and all systems prepared for inspection. All cowlings, fairings, cover plates and interior removed. Airframe inspected I/A/W Piper Service Manual, sec III, serviced, lubricated and rigging checked per service manual. Replaced NLG tire, replaced lt. and rt. MLG tires. Replaced MLG bungee. Replaced gyro air filter. Replaced lt. and rt. Brackett air filters. Repaired lt. and rt. alternate air boxes. FAR 91.411 & 413 accomplished by Avionics West, see entry. All AD's checked and complied with thru this date, see AD list. I certify that I have inspected this airframe I/A/W an annual inspection.

  
 Lance McAfee  
 Southland Aviation, Inc.  
 FAA-CRS LGRR381X

AFTT: 4875.9

April 17, 2003 Piper PA-30 N 8614Y Tach: 742.8

Removed original NLG shimmy damper and replaced with Cleveland (Parker-Hannifin) shimmy damper I/A/W STC SA634NE. See FAA Form 337 this date. No change to W&B.

  
 Lance McAfee  
 Southland Aviation, Inc.  
 FAA-CRS LGRR381X

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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5-5-03	5595.74 corrected AFTT: 4882.84 CHAD MOSER IA503900588	KT. 709.24	PIPER SEIC. BUL. #1125 is N/A THIS AIRCRAFT. PIER MODEL # & INSTRUCTIONS SHEET, ITEM 1. J.R. Korman 1497121
9-18-03	5647.53 corrected AFTT: 4934.63 CHAD MOSER IA503900588	RH TACH 801.53	Replaced lower nose gear fork with servicable unit P/N 20736-02, resealed nose gear strut and serviced IAW Piper PA30 service manual. AEP 234027247 C. Korman
	AFTT 4989.53 corrected AFTT: 4994.82 CHAD MOSER IA503900588		
			N8614Y 03-04-04 AIRFRAME LH TACH 861.82 TT 4984.82 REPLACED ELT (BATTERY EXP. DATE 03/06) OP CHECK ELT PER FAR 91.207.. SERVICED BATTERY. STATIC SYSTEM EXP. DATE 03-05. CLEANED FUEL SCREEN & FUEL PUMP FILTERS. INSPECTED FUEL VENTS AND CAPS. LUBED FLIGHT CONTROLS. LUBED TRIM DRUM & FLAP TRACKS. CHECKED BRAKES, INSPECTED WHEELS AND TIRES, GREASED GEAR, PERFORMED EMERGENCY GEAR EXTENSION CHECK. CHECKED VACUUM REGULATOR FILTER. INSPECTED ENGINE CONTROLS. PERFORMED ELECTRICAL CHECK. FLUSHED & SERVICED BRAKE SYSTEM. INSTALLED MISSING RIVET IN RH AUGMENTOR. REPLACED 2 EACH CABIN HEATER SCAT TUBING. REBUILT RH & LH BRAKE CALIPERS. CLEAN DEBRIS FROM RH MAIN FUEL TANK. INSTALLED COVER & REPLACED GASKETS & SEALS. REPLACED LH & RH BRAKE HOSES. REPAIRED FLAP INDICATOR SENDER. INSTALLED NEW PLACARD ON FUEL SELECTOR DISH. REPAIRED RH ENGINE AIR FILTER BOX. OVERHAULED BOTH FUEL SELECTOR VALVES. INSTALLED CORRECT BOLT IN RUDDER TRIM BUNGEE. ADJUSTED STAB TRIM DRUM END PLAY. REPLACED SERVO INLET HOSE ON RH ENGINE. REPLACED RH & LH AFT AILERON ROD ENDS. REPAIRED SWITCH WIRES ON RH & LH MAIN GEAR. REMOVED RATS NEST FROM CABIN UNDER FLOOR INSTALLED NEW INSULATION. REPLACED LH OUTBOARD TRIM TAB HINGE. REPLACED ALL FUEL DOOR GASKETS. ADJUSTED BAGGAGE DOOR LATCH. REPLACED CABIN DOOR SEAL & ADJUSTED DOOR. REPLACED LH & RH FLAP RETURN SPRINGS. REPLACED LH ALTERNATOR BLAST TUBE SCAT HOSE. REMOVED GEAR TRANSMISSION, OVERHAULED & REINSTALLED (SEE YELLOW TAG DATED 03/03/04). RIGGED LANDING GEAR. COMPLIED WITH THE FOLLOWING AD'S: 77-13-21 BY REPLACEMENT & INSPECTION, 79-12-08 BY INSPECTION, 83-10-01 BY INSPECTION, 97-01-01R1 BY INSPECTION, 99-14-01 BY INSPECTION, 2001-17-13 BY INSPECTION & DATE MARK, 70-22-02 BY INSPECTION & MARKING (BOTH VALVES).
			I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

## RETURN TO SERVICE

Make PIPER  
 Model Waco / American Bosch  
 Unit Name LAND GEAR TRANS w/ motor  
 Part # 25720-000  
 Serial # 3141355

The component identified above was re-  
 paired and inspected in accordance with  
 current Federal Aviation Regulations and  
 was found airworthy for return to service.  
 Pertinent details are on file under work  
 order.

No. INW-94695 WNO-31450

Reconditioned/INSPECTED  
 By BRANDON DOWKER

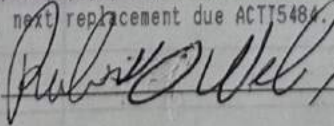
Inspected  
 By Brandon Dowker

License No. AF 2705957

Date 3-3-04

## WEBCO Aircraft

Phone (316) 283-7929  
 1134 N. Oliver Rd./Hangar G  
 NEWTON, KANSAS 67114

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
3-17-04 Corrected LHAD master IAS 03900588	5712.20 4999.30	RT. TACH. 866.20	N8614Y 3/12/04 RT. TACH.= 866.20 INSTALLED LT. & RT. LOPRESTI SPEED MERCHANTS BOOM BEAM LSM- 500-020 REV. "A" LANDING LIGHT KIT. INSTALLED PER INSTRUCTIONAL SHEETS 1-5 & STC SA 02279AT AIRCRAFT S/N 1754. OPS. CHECK GOOD, READY FOR SERVICE. SEE FORM 337 & WT. & BAL. FORMS IN AIRCRAFT RECORDS.  T.R. HERRON A & P 1497121
10-25-04 Corrected AFTT : CPAD master IAS 03900588	5814.98 5102.08	RT. TACH. 0968.98	SER. RT. MAIN STRUT W/ DRY AIR & INST. NEW TAXI LIGHT OPS. CHK. Good. RETURNED TO SER. J.R. Herron AD 1497121
2-11-05 Corrected AFTT : CPAD master IAS 03900588	5853.07 5140.17	1007.07	REM. RT. LCLF. (GEAR FROM A/C, REPL. UPPER TRUNNION ASSY. W/ ON TRUNNION FROM S&B INDUSTRIES, INC. OF MURRAY UTAH. REPAIR TAG # 8511. W/D NO. - 7950. REASSEMBLED STRUT ASSY W/ NEW "O" RINGS, FLUID, <sup>DEY</sup> AIR. GEAR F.H. GOOD, READY FOR FURTHER SER. REF. M.M. V.FIGS. 7-8-9-10) SER. MANUAL SECTION 7-22 THRU 7-33. J.R. Herron AD 1497121
03-04-04 AIRFRAME N8614Y. LH TACH TIME: 861.82. ACTT: 4984.82. AD77-13-21 complied with as follows: par (a) & (c) complied with by inspection of gear system bushings, bolts, etc, & replacing parts as required per SL782A. Next due for inspection ACTT 5984; par (b) & (c) complied with by replacement of bungee cords. Next inspection due 03-05, next replacement due ACTT 5484.			
Signed  Robert A. Weber AP2001550 (WEBCO AIRCRAFT CO.)			
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TOTAL—Carry forward to next page			

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TOTAL brought forward from previous page			
			<p>N8614Y <u>5146.81:ATT</u></p> <p>4-4-05 AIRFRAME= <u>5292.58</u> RT. TACH. = 1013.71 THIS AIRCRAFT INSP. COMPLETED PER PIPER INSPECTION REPORT TABLE 111-1. FUEL SCREENS &amp; FILTERS CLEANED, FUEL VENTS, CAPS INSP. FLIGHT CONTROLS, TRIM DRUM, BRAKES CHKED. RESEVIOR FILLED FOR BRAKES. LUBED COMPLETE AIRCRAFT PER LUBE CHARTS. ELT SYSTEM CHKED. PER FAR 91.207D SYST. OPS. CHK. GOOD. ALL AD'S CHKED. THRU THIS DATE &amp; TIME. ALL RECURRING AD'S C/W, SEE AD LIST'S. I CERTIFY THAT THIS AIRCRAFT WAS INSP. I/A/W AN ANNUAL INSP. AND FOUND AIRWORTHY.</p> <p>CHAD MOSER <u>Chad Moser</u> A&amp;P 503900588IA</p> <p>T.R. HERRON <u>T.R. Herron</u> A&amp;P 1497121</p> <p>I CERTIFY THE ATC TRANSPONDER TEST PER FAR 91.413 AND COMPLY WITH FAR 43 APP. E. <u>Avionics West</u> INC. VWIR.654K DATE <u>4/13/05</u> WO# <u>5308</u></p> <p>I CERTIFY THE ALTIMETER AND STATIC TEST PER FAR 91.411 AND COMPLY WITH FAR 43 APP. E. <u>Avionics West</u> INC. VWIR.654K DATE <u>4/13/05</u> WO# <u>5308</u></p>

Arwest Atlanta		Kennesaw, GA 30156 Phone: 770-426-9411 Fax: 770-426-6208	
P.O. Box 2032	W.O.# <u>5308</u>	N# <u>8614Y</u>	VWIR654K
Date: <u>4/13/05</u>			
ALTIMETER ERROR	SER#		
NONMENCLATURE <u>ENC</u>			
ALTIMETER PRESSURE			
TEST PT (FT)	INDICATOR READINGS AT +25C	TEST PT (FT)	INDICATOR READINGS AT +25C
-1000	<u>15</u>	10000	<u>10</u>
000	<u>0</u>	8000	<u>10</u>
500	<u>15</u>	14000	<u>10</u>
1000	<u>10</u>	15000	<u>10</u>
1500	<u>10</u>	16000	<u>10</u>
2000	<u>10</u>	18000	<u>10</u>
3000	<u>10</u>	20000	<u>10</u>
4000	<u>10</u>	22000	<u>10</u>
5000	<u>10</u>	25000	<u>10</u>
6000	<u>10</u>	30000	<u>10</u>
8000	<u>10</u>	35000	<u>10</u>


SERVICABLE PART		SER. NO.	
MFG.	<u>Avonics West</u>	SER. NO.	<u>210020</u>
MODEL NO.	<u>101607</u>	REG. #	<u>101607</u>
PART NAME	<u>ENC ATT</u>	TAT	<u>101607</u>
PART NO.	<u>ENC ATT</u>	CYCLES	<u>101607</u>
BENCH CHECKED	<input checked="" type="checkbox"/>	REPAIRED	<input type="checkbox"/>
OVERHAULED	<input type="checkbox"/>		
OWNER	<u>Randy Davis</u>		
MAINTENANCE RELEASE			
The aircraft and/or the component identified above was repaired or inspected in accordance with current Federal Aviation Agency Regulations and was found airworthy for return to service. Details of the repair are on file under Work Order:			
DATE	<u>4/13/05</u>	WO#	<u>5308</u>
SIGNED	<u>Randy Davis</u>		
AVIONICS WEST, INC. VWIR654K			

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			N8614Y 04/22/05 REMOVED PIPER ORIGINAL WHEEL HUB CAPS. INSTALLED LOPRESTI SPEED MERCHANTS WHEEL HUB CAPS PER STC SA 0122AT. SEE FORM 337 & LOPRESTI DRAWINGS. NO CHANGE TO WEIGHT & BAL.  T.R. HERRON <i>T.R. Herron</i> A&P 1497121
			N8614Y 05/02/05 AIRCRAFT TIME = 5155.65 RT. TACH. = 1022.55. REPLACED ALL BOTTOM ROLLERS, & TOP AS NEEDED, ON WING FLAPS. OPS. CHK. GOOD. INSTALLED PER PIPER PA-30 SER. MANUAL, READY FOR SERVICE.  T.R. HERRON <i>T.R. Herron</i> A&P 1497121
5278 1145			
Date <u>5-13-06</u>			
AIRCRAFT ENGINEERING INC.			
Bartow Airport			
813 / 533-1870			
Repair Station FAA Approved VF4R594M			
TAC	1145	Total Time	5278
I certify that this <u>AIRCRAFT</u> has			
been inspected in accordance with an			
<u>Annual</u> inspection and has been			
determined to be in airworthy condition.			
AD's thru Card <u>2006-9</u>			
AD list back of log book.			
For details work order # <u>A 567</u>			
Inspector			
Bill Trickey			
SUB-TOTAL this page			
TOTAL—Carry forward to next page			

**Aircraft Engineering, Inc.**

Bldg. 434 Bartow Airport  
Bartow Florida 33830  
863.533.1870 FAA VF4R594M

DATE	5/14/2006	TACH: 1145
N8614Y	AIRFRAME	WO# A 567
1 ANNUAL INSPECTION COMPLETED 2 TESTED ELT I/AW FAR91.207(d) NEW BATT DUE 6-08 3 CLEAN AND PAINT BATTERY BOX 4 INSTALL 6 NEW STATIC WICKS 5 RESOLDER WIRES L/R FUEL FLOW TRANSDUCERS 6 INSTALL NEW MAP GAGE & FLUSH LINES 7 AD04-25-16 C/W BY TESTING 8 AD77-13-21 C/W PART B BY REPLACING CORDS 9 AD79-12-8 C/W BY TESTING 10 AD83-10-1 C/W BY INSPECTION 11 SB1160 C/W BY INSPECTION 12 AD04-21-5 C/W BY TESTING 13 INSTALL NEW AIRCRAFT BATTERY 14 INSTALLED 2 NEW NOSE WHEEL BEARINGS & RACE 15 INSPECT BUNGEE AREA LEFT AND RIGHT SIDES 16 REPLACED RIGHT BRAKE LININGS 17 REPLACED COMPASS CARD AND SWING COMPASS 18 REROUTE RIGHT FLAP CABLE 19 RETIGHTEN MAIN GEAR DOOR HINGES 20 REPAIRED CRACK IN RIGHT REAR FLOOR AREA 21 REPLACED 1 BOLT IN ELEVATOR TRIM ACTUATOR 22 REPLACE O RING IN MANUAL HEATER VALVE 23 INSTALL NEW NOSE SCISSORS BOLTS 24 REPLACED RUSTED HARDWARE WITH SS. 25 RESET ELEVATOR TRIM CABLE TENSION 26 WEIGHED AIRCRAFT ON CERTIFIED SCALES 27		

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK						
TOTAL brought forward from previous page									
17-10-06	53.0865	1175	REPLACED CONTACTOR (BATT. RELAY) W/ NEW UNIT PN 455-151 (INTERMITTENT STICKING) PER PIPER SER. MANUAL, OPS. CHK. GOOD, READY FOR CONT. SERVICE. J.R. Hurran App 1497121- END						
			N8614Y PIPER PA-30 S/N 30-1754 07-31-06 HOBBS: 1185.5						
			REMOVED & REPLACED DUAL MANIFOLD PRESSURE INDICATOR P/N: 6121-E49 S/N: 185474 AFTER REPAIR BY PRECISION AVIONICS & INSTRUMENTS CRS#ZV4R714M W/O X4669A, FUNCTION CHECKS GOOD ON GROUND RUN. C W RIMMER A & P 234027247						
<div style="border: 1px solid black; padding: 5px;">  <b>Aircraft Engineering, Inc.</b>            Bldg. 434 Bartow Airport            Bartow Florida 33830            863.533.1870 FAA VF4R594M         </div>									
<div style="border: 1px solid black; padding: 5px;"> <table border="0" style="width: 100%;"> <tr> <td><b>DATE</b></td> <td><b>2/16/2007</b></td> <td><b>TACH: 1280</b></td> </tr> <tr> <td><b>N8614Y</b></td> <td><b>AIRFRAME</b></td> <td><b>WO# A 2731</b></td> </tr> </table> <p><b>1 JACK AIRCRAFT, REMOVE &amp; REPLACE BUNGEE CORDS WITH NEW, LUBE GEAR, ADJUST UP LIMIT SWITCH CYC.</b></p> <p>THE AIRCRAFT, ENGINE(S), OR COMPONENT ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER <b>A2731</b></p> <p>DATE: <u>2/16/07</u> SIGNED _____            FOR AIRCRAFT ENGINEERING,            INC. #VF4R594M BARTOW AIRPORT, BARTOW, FLORIDA 33830</p> </div>				<b>DATE</b>	<b>2/16/2007</b>	<b>TACH: 1280</b>	<b>N8614Y</b>	<b>AIRFRAME</b>	<b>WO# A 2731</b>
<b>DATE</b>	<b>2/16/2007</b>	<b>TACH: 1280</b>							
<b>N8614Y</b>	<b>AIRFRAME</b>	<b>WO# A 2731</b>							
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TOTAL—Carry forward to next page									

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page

5434 1301



### Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport  
Bartow Florida 33830  
863.533.1870 FAA VF4R594M

DATE

N8614Y

6/13/2007

TACH:

L-1301 R-1302

AIRFRAME

WO# A 6718

- 1 ANNUAL INSPECTION COMPLETE
- 2 INSTALL 2 NEW VACUUM RELIEF FILTERS
- 3 CLEAN & PAINT BATTERY BOX
- 4 INSTALL 2 NEW GEAR CIRCUIT BREAKERS
- 5 ADJUST REAR BAGGAGE LATCH
- 6 ELT TEST I/A/W FAR91.207(d) BATTERY DUE 6/8
- 7 AD 77-13-21 GEAR PART B. C/W BY INSTALL NEW BUNGEE CORDS
- 8 AD 79-12-08 FUEL VALVE. C/W BY TESTING
- 9 AD 83-10-1 FUEL SUMP. C/W BY CLEANING
- 10 AD 04-25-16 HEATER REG PSI TEST. C/W BY TESTING
- 11 AD 04-21-05 PDT TEST. C/W BY PDT TESTING
- 12 REPAIR GROUND ON LEFT NAV LITE
- 13 REPAIR SKIN ON RIGHT NOSE DOOR SIDE SKIN
- 14 INSTALL NEW RIVETS ON RIGHT & LEFT EXHAUST AREA
- 15 INSTALL ALL NEW LEFT BRAKE LININGS
- 16 REMOVE & REPLACE LEFT BRAKE CYLINDER O RING AND BLEED



### Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport  
Bartow Florida 33830  
863.533.1870 FAA VF4R594M

#### ANNUAL STATEMENT

Date 6/13/07

TAC 1301

Total Time 5434

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition.

AD'S thru Card 2007-11 AD list back of log book. For details work order # A6718

Bill Turley Signature #VF4R594M Inspector Rating

8-2-07 LT. TACH. = 1337.89 RT. TACH. = 1338.50

REMOVED MANIF. PRESS. INDICATOR 6121-E49 SN 185474  
(RT. SIDE WENT INOP.) INSTALLED OH UNIT PURCHASED  
FROM PRECISION AVIONICS & INSTRUMENTS ATL. PN 6121-E49  
SN: 102719 OPS. CHK. GOOD ON GND. READY FOR SER.  
J.R. Huron ADP 1497121 - PER. PIPER SER. MAN.

12-14-07 LT. TACH. = 1390.40 RT. TACH. = 1391.24 REPL. BOTH MAIN  
TIRES & TUBES WITH NEW MICHELIN UNITS. SN  
LT. TIRE = 7219W00011, TUBE = 49 06. RT. TIRE S/N  
= 7219W00325, TUBE = 49 06, PER SER. MANUAL  
READY FOR SERVICE J.R. Huron ADP 1497121

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page <sup>0</sup> LT TACH <sup>0</sup> CABIN
12-27-07	1396.2		REPLACED <sup>0</sup> SENT BACK CHMS PWS193LS-000 LT. FWD. & LT. REAR SEATS FROM EXCESSIVE WEAR. (2 EA. SEAT) OPS. CH. (TOD) INST. PER. PAPER SER. MANUAL. REINSTALLED BOTH SEATS STOPS. INST. BOTH SEATS ALSO. READY FOR SERVICE. J.R. Huron #1497121

6-3-08

REPLACED CARPET FROM FRONT TO  
REAR WITH A "DAKE BEIGE" COLOR.  
CARPET PURCHASED FROM "AIRTIX" Co.  
FITTED TO CABIN & INSTALLED.  
AIRCRAFT READY FOR CONTINUED SERVICE.  
J.R. Huron #1497121 - WT. CHANGE

4H TAC 1439  
TT 5572

**Aircraft Engineering, Inc.**

Bldg. 434 Bartow Airport  
Bartow Florida 33830  
863.533.1870 FAA VF4R594M

DATE 6/20/2008 TACH: L1439 R1440  
N8614Y AIRFRAME WO# A 6823

- 1 ANNUAL INSPECTION COMPLETE
- 2 CLEAN & PAINT BATTERY BOX
- 3 ELT TEST I/AW FAR91.207(d) BATTERY DUE 7/10
- 4 INSTALL NEW HUB CAP DOOR
- 5 AD 04-25-16 FUEL REG PSI TEST COMPLETED
- 6 AD 77-13-21 GEAR PART B C/W BY INSTALL NEW CORDS
- 7 AD 79-12-08 FUEL VALVE COMPLETED BY TESTING
- 8 AD 83-10-01 FUEL SYSTEM C/W BY INSPECT & CLEAN
- 9 MINOR REPAIRS TO BOTTOM COWLING LEFT & RIGHT
- 10 RIGHT COWL FLAP HINGE REPLACED WITH NEW HINGE
- 11 ADD SHIMS TO TOP STRUT
- 12 INSTALL NEW BRAKE DISCS LEFT & RIGHT
- 13 REMOVE & REPLACE ALL BRAKE LININGS WITH NEW
- 14 INSTALL NEW RIGHT MAIN FUEL CELL P/N 454335 S/N CR970
- 15 RESTAKE LEFT AILERON ROD BEARING
- 16 INSTALL NEW CENTRAL VACUUM FILTER

**Aircraft Engineering, Inc.**

Bldg. 434 Bartow Airport  
Bartow Florida 33830  
863.533.1870 FAA VF4R594M

**ANNUAL STATEMENT**

Date 6/20/08 L-1439 Tach  
TAC RIGHT 1440 Total Time 5572  
I certify that this AIRCRAFT has been inspected in  
accordance with an ANNUAL inspection and has  
been determined to be in airworthy condition.  
AD'S thru Card 2008-11 AD list back of log  
book. For details work order # A 6823  
Bill Turley Signature #VF4R594M Inspector Rating

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			AIRFRAME TOTAL brought forward from previous page
4-17-09		T.T.S. 566.00	JANITORIAL CABIN HEATER WENT INOP, SYSTEM TESTED, FOUND INOP. IGNITION VIBRATOR. REPLACED WITH NEW UNIT, FROM HAROLD HASKINS INC. DOTY AL. OPS. CHECK GOOD, READY FOR FURTHER SER. PN = 14E00-41R <sup>1497/21</sup>
7-1-09	5703.0		N8614Y-5 07-01-09 AIRCRAFT T.I.S. = 5703.0 AN ANNUAL INSP. COMPLETED THIS DATE PER PIPER INSP. TABLE 111-1 REPORT. BOTH FUEL SELECTORS OH BY WEBCO AIRCRAFT NEWTON KS 67114 PER WO # 69912. PN 1H7-7 SN AD20. NEW BUNGEE'S INST. & TESTED OK. FUEL VALVES PRESS. TESTED GOOD. AD 2009-13-06 NA THIS AIRCRAFT PER MODEL. ELT. SYSTEM TESTED OK PER F.A.R. 91-207D. REPL DUAL MANIF. PRESS. GAUGE; FROM PRECISION AVIONICS & INSTRUMENTS ATLL. ON PN= 6121-449 SN 140060 I CERTIFY THIS AIRCRAFT WAS INSP. I/A/W ANNUAL INSP. & FOUND AIRWORTHY & READY FOR CONT. SER. SB 464A-AD94-13-10-SB H11A. CY ALL AD'S CHKED THRU THIS DATE. THOMAS MARK ANSELMAN <sup>1497/21</sup> A&P IA 464139686 T.R. HERRON <sup>1497/21</sup> A&P 1497121
8-19-09		L.T. TACH. 1599.71	REPLACED DUAL MANIF. PRESS GAUGE FOR RT. HALF STUCK. ICEPL. GAUGE PN 6121-449 SN 140060, READY FOR CONT. SER. <sup>1497/21</sup>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
8-2-10	AIRCRAFT T.I.S. = 5855.35 HRS.		<p>AN AIRCRAFT ANNUAL INSP. COMPLETED THIS DATE, PER PIPEC INSP. TABLE 111-1 REPORT. THE FLT BATT. REPLACED THIS INSP. TESTED PER F.A.R. 207"D" NEXT REPL. DATE = 8-12 AD 2009-13-04 NA THIS AIRCRAFT PER MODEL. AIRCRAFT GREASED, BATT. CHKED. OK, HYD. BRAKE SYSTEM CHKED. AIRCRAFT TIGHTENED &amp; ADJUSTED AS NEEDED. I CERTIFY THIS AIRCRAFT WAS INSP. PER I(A/N) AN ANNUAL INSP. &amp; FOUND AIRWORTHY &amp; READY FOR CONTINUED SERVC.</p> <p>THOMAS MARK ANSELMAN A&amp;P/IA <del>3443456</del> 3443456</p> <p>THOMAS M. Anselman 3443456 A&amp;P/IA</p> <p>T.K. HERRON ADP 1497121</p>
9-23-10	AIRCRAFT TOTAL TIME 5887.59 HRS.		<p>C/W <sup>S.B.</sup> 1160 BY INSTALLING NEW STABILIZER HORN K/P/N 22882-003 AND HARDWARE. INSTALLED NEW BEARING IN BEARING BLOCKS P/N KP37B5. THIS ALSO COMPLETES WITH S.B. 1189. REPETITIVE INSPECTIONS RESUME AT AIRCRAFT TOTAL TIME 6887.59 HRS.</p> <p>Thomas M. Anselman 3443456 A&amp;P/IA</p> <p>THOMAS M. Anselman</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
12-3-10		LT. ENG. TACH = 1775.29	TAXI LIGHT INSP. FOUND BAD INLINE FUSE. INSTALLED NEW INLINE FUSE ASSY. OPS CHK. (GOOD PER PIPER & J.W. MILLER AVIATION DWG. NO. 3400 - READY FOR CONT. SERVIC. <i>J.K. Hurn</i> A/P 1497121
(LT. ENG. TACH)			
12-3-10		1775.29	REMOVED & REPL. NOSE ACCESS LOWL AFTER REPAIRS MADE OF PAINT (CHIPPED) READY FOR CONT. SERVIC. <i>J.K. Hurn</i> A/P 1497121
10-11-11		KT. TACH = 1834.12	AIRCRAFT TIME = 5966.53 HRS. AN AIRCRAFT ANNUAL INSP. COMPLETED THIS DATE PER PIPER INSP. TABLE 111-1 REPORT. ELT. CHKD. PER F.A.R. 207 D. AIRCRAFT GEAR BUNGIES REPL. NEW THIS DATE. BATT. CHKD. HYD. RES. SER. TIGHTENED & ADJUSTED AS NEEDED. I CERTIFY THIS AIRCRAFT WAS INSP. I/AN AN ANNUAL INSP. & FOUND IN AN AIRWORTHY CONDITION & IS READY FOR CONTINUED SERVICE. APPLICABLE REPETITIVE AD'S C/W THIS INSP. <i>J.K. Hurn</i> A/P 1497121 <i>Th. R. 7th</i> A-P 3122254 JA.

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TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
10-19-12			<p>RT. TACH: 1941.38 AIRCRAFT TIME: 16073.79 HRS.  AN AIRCRAFT ANNUAL INSP. COMPLETED THIS DATE PER PIPEX INSP. TABLE 111-1 REPORT.  REPL. AIRCRAFT BATTERY THIS INSP. REPLET. BATTERY TESTED PER FAR 207D (OK)  SER. HYD. RES. W/ SLOL FLUID, REPLACED THE 15X600-6 NOSE WHEEL &amp; TIRE*  <del>(IN FIELD) USED SERVICEABLE CONDITION NEW TIRE</del> (IN FIELD)  PERTINENT REPETITIVE ADS C/W THIS INSP. BUNGERS GOOD AS IS THIS INSP. TIGHTENED &amp; ADJUSTED AS NEEDED. I CERTIFY THIS AIRCRAFT WAS INSP. I/A/W AN ANNUAL INSP. AND DECLARED AIRWORTHY FOR CONT. SERVICE.</p> <p><i>J.R. Huron</i> AIP 1497121  <i>Danell E Allen</i> AIP 2854501.</p>
			<p>* NOTE! THE NOSE WHEEL REPL. WITH CLEVELAND WHEEL PN CLE-40-76B &amp; TWO NEW 31786-003 SPACERS FOR PERFECT FIT <i>J.R. Huron</i> AIP 1497121  — END —</p>
10-27-12			<p>RT. TACH: 1948.02 REPLACED LT. MAIN TIRE &amp; TUBE W/ NEW UNITS. CLEANED WHEEL, BEARINGS, PACKED BEARINGS TORQUED WHEEL VALVES. OPS. CHG. GOOD  <i>J.R. Huron</i> AIP 1497121</p>
			SUB-TOTAL this page
			TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
11-2-12	RT. TAXI	1948.02	REMOVED TAXI LIGHT BULB & REPL. WITH L.E.D. WHELEN LIGHT ASSY., PN 01-0771424-15, SIN 01294. OPS. CHK. Good. READY FOR SERVICE.. J.R. Avaran A#P 1497121
11-28-12	RT. TAXI	1948.02	INSPECTED LANDING GEAR IN ACCORDANCE WITH AD 77-13-21(A) AND PIREX SL 782A AND DETERMINED TO BE WITHIN SPECIFIED LIMITS. REMOVED & RE-INSTALLED LANDING GEAR MOTOR & TRANSMISSION AFTER INSPECTION & REPAIR AS NEEDED BY BOB WEBER. INSPECTED LANDING GEAR BUNGEE CORDS PER AD 77-13-21(B). CW AD 97-1-1 BY INSPECTION & REPLACEMENT AS NEEDED J.R. Avaran A#P 1497121
11-29-12			COMMENT: DURING THE INSP. OF GEAR RETRACTION SYSTEM THE STUDS (2) WERE REPLACED WITH NEW PI-487-634 UNITS WITH GREASE FITTINGS. J.R. Avaran A#P 1497121. - END -

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
NOV. 8, 2013	RT TACH 3003.74	6196.15	COMPLETED ANNUAL INSPECTION IAW PIPER PA-30 INSPECTION GUIDE. PERFORMED NORMAL AND EMERGENCY GEAR SWING. WORKED LEAR & CONTROLS. TESTED ECT PER FAR 3070. SERVICED HYP. NEW ECT BATTERY DUE OCT. 2015. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION THIS DATE. SEE ABCOG AD UST DATED 8/18/13 <i>J. K. [Signature]</i> TM ANKERMAN RT. TACH. #A 3443456
4-16-14		2117.21	INSTALLED NEW BOOTS ON STEERING RODS & BLK HGT TO NOSEWHEEL, PN 453-136 IN PLACE OF TWIN COMPOSITE BOOTS, WHICH ALL BUT NON- EXISTANT NOW - PA 24 ROD BOOTS HAVEN <sup>A</sup> GOOD FITTING AND ARE READY FOR SERVICE. PURCHASED NEW FROM THE WEBER CO. NEWTON KANS. <i>J. K. [Signature]</i> #A P1497121
9-26-14	RT. TACH.	2205.10	REPLACED L.T. & R.T. <sup>MAIN</sup> WHEEL BUNGIES W/ NEW BUNGIES, PN W31322-007 BY WEBER AIRCRAFT CO. NEWTON KS. LT/114. OPS. CHECK GOOD, READY FOR CONTINUED SER. NOTE! PART "B" OF AD 77-13-2) C/W BY REPL. OF BUNGEE CORDS <i>J. K. [Signature]</i> #A P1497121
			SUB-TOTAL this page
			TOTAL—Carry forward to next page

JAN 8-15 RT TACH=2245160 COMPLETED ANNUAL INSP. THIS DATE PER PIPER SER. MANUAL & INSPECTION CRITERIA & TABLE III-1 INSPECTION REPORT. PERFORMED NORMAL & EMER GEAR RETRACTIONS & ALL CONTRS. ELT TESTED PER FAR 207.8 (OK). LT. MAIN WHEEL, BRAKES RELINED W/NEW LININGS. NEW ELT BATT. DUE OCT. 15 OF 2015. I CERTIFY THIS AIRCRAFT WAS INSP. IATA, AN ANNUAL INSP. & FOUND TO BE IN AIRWORTHY CONDITION & READY FOR CONT. SERVICE. SEE B.I.D. LOGS FOR (ADD<sup>LOG</sup> SYSTEM) FEE LISTINGS DATED TO 1-8-15 J. R. Herrewé ADP1497121

Maxima

FEB 10, 2016 RT TACH TIME - 2419.94 COMPLETED ANNUAL INSPECTION  
TAW PER M.M. INSPECTION GUIDE, INSTALLED  
NEW EXHAUST HANGAR P/N 700-335 LEFT SIDE.  
INSTALLED NEW HEATER TEMP CONTROL ARM, NEW  
COMBUSTION AIR BLOWER, G/W HEATER A.D 2004-21-05  
PAR. 1(C). NO DEFECTS NOTED. G/W A.D 2015-24-5 BY INSTALLATION  
OF PLACARD PER A.D. INSTALLED NEW ELEVATOR TRIM  
PULLEYS, INSTALLED NEW ECT BATTERY - DUE 2/18 & TESTED  
PER FAR 91.307(d) NO DEFECTS NOTED. I CERTIFY THIS AIRCRAFT  
IS AIRWORTHY THIS DATE M. J. Sullivan 3443456 -JA

**TOTAL**—Carry forward to next page

Make: Piper PA-30

N8614Y

S/N: PA-30-1764

08/17/2017

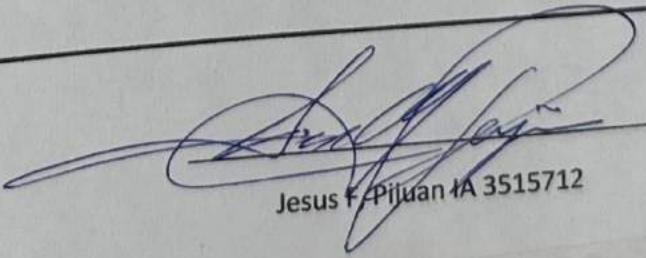
TACH: LH. 2,583.01

TACH: RH. 2,586.13

HOBBS: 1,011.7

ATT: 2,583.01

Performed an annual inspection on the aircraft, in accordance with Piper specifications. Corrected the pitch lower cable, in the empennage. Reinstalled the anti-chafe strip. Adjusted the settings on the Aspen, for proper shut off time sequence. Replaced the push to talk switch with a new one p/n: 487-904, and tested with all of the radios. Found to be working satisfactory. Installed overhauled manifold pressure indicator. See yellow tag and 8130-3. Tested during the engine run up and found satisfactory. Removed the left and right tach. Indicators flex cable, cleaned and lubricated. Reinstalled and tested. Replaced all of the switch covers on the fuel flow by Shadin indicators. Overhauled left and right brake calipers with new "O" rings and linings. Bleed the brake system. Removed all four fuel quantity transmitters, cleaned all corrosion from the mounting base, solder the ground straps, cleaned all contacts and wipe arm, reinstalled with new gasket, p/n: 462-021, 20966-00, and 20966-02. Mounting screw seal washers, p/n: 494-063. Torque all screws. Retorqued all fuel tank cover plates to specifications, tested for leaks and found none. Adjusted the fuel cap doors spring, and replaced the latch seals, p/n: 484-707 and 484-708, for proper alignment and operations during closing. Replaced the wing cover plate gaskets p/n: 20327-03, 20366-00, and 20366-02, adjusted the aft baggage door latch and striker plate for proper closing. Resealed the pilot's storm window and install a new latch, p/n: 1E13. Inspected the flap system, replaced left and right main springs, p/n: 83302-40, and inboard cable guide left and right springs. Lubricated the jack screw and all moving parts. Performed several operations and found satisfactory. Reinstalled the cabin door lower hinge roll pin and secured. Replace the hardware with stainless steel, throughout the aircraft, removed all corroded and stripped screws. Replaced all cowlings, nacelle, and nose cover anti chafe strip with new one, replaced the engine induction filters with new Brackett filters, and replaced the main instrument filter and the sponge filter on each nacelle. Replace the main gear bungees and down lock springs with new ones. Secured the power wire on the pitot heat switch. Tested and found satisfactory. Tested the ELT unit and secured the wire harness. Overhauled both engine exhaust systems, welded the left engine induction air box and alternate air, by Plane Exhaust LLC. Replaced both engines scat ducts. Repaired left nacelle firewall and installed all new stainless steel hardware. Replaced all firewall to engine frame hardware, replaced all engine isolators and hardware. Torque. Cleaned left and right nacelle aft area, from all debris. Replaced the stabilator trim aft push pull rod attach point left and right bushings with new ones. Secured the aft ventilation duct moisture drain, to prevent chafing. Cleared the heater drains from mud dabbers. Inspected and replaced both gaskolator bowls gaskets with new ones. Replace left and right engines magnetos and harnesses with new ones. Inspected all flight controls, and travel. Checked all flight control cable tensions and found satisfactory. Lubricated all moving parts, hinges and pulleys. Performed several retractions and extensions on the landing gear and tested the anti-retraction system, tested the landing gear emergency extension. Found all operations to be satisfactory at this time. Researched all Ads, SBs, SLs, Sis. See AD log I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition at this time. -----END-----

  
Jesus F. Pijuan IA 3515712

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			

**N8614Y**

## AIRFRAME INSTALLATION ENTRY

LeftTach 2583.01 Right Tach 2586.90

8/19/2017

HOBBS 1011.7

Installed IO320-B1A s/n L-1161-55A on the LEFT position, 0 SMOH, TTSN 2583.01

Installed LIO320-B1A s/n L-311-66A on the RIGHT position, 0 SMOH

BOTH engine Motor mounts NDT, and painted at PlaneXhaust w/o 18178/18179/17987 installed on AF with NEW Lord Mounts using new hardware at firewall and engine. Torqued Firewall bolts to 20 lb/Ft. Torqued Lord Mount bolts to 40 lb/Ft. Installed BOTH Exhaust systems IRAN at PlaneXhaust w/o 18178/18179/17987 with new hardware. Flushed Main and Aux fuel system, topped off airplane verifying fuel quantity. Propellers flushed at Palm Beach Propeller Service and Installed and torqued to 50 lb/Ft. and safety wired in pairs. This AIRFRAME is approved for Return to Service END.

Paul Gendron A&amp;P 3124630

12/21/2017 N8614Y

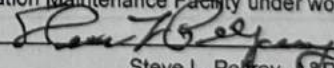
Piper Comanche PA-30 S/N: PA-30-1764

Airframe Logbook

R/H Tach Hours: 2594.11

1. Repaired broken ground wires to left & right fuel transmitters IAW AMM. Ops checked good.
2. Removed (P/N: CI292-2, S/N: 1034306) & replaced communication antenna with (P/N: CI292-2, S/N: 551598) IAW AMM.
3. Repaired damaged rivet holes on R/H flap, inboard trailing edge by adding a doubler and new rivets, IAW AMM.
4. Removed, replaced & serviced NLG fork & strut tube assy (P/N: 20790-02) and strut housing IAW AMM. Ops & Leak checked good.
5. Stop drilled skin cracks forward of L/H aileron.
6. Repaired and secured R/H flap & R/H aileron inboard static wick mount rivnuts.
7. Removed & replaced LMLG brake ridge line grommet.
8. Removed & replaced external power receptacle assembly (P/N: 89097-003) IAW AMM. Ops checked good.
9. Removed & replaced NLG fairlead segments & clips IAW AMM.
10. Repaired & reconnected external power diode IAW AMM. Ohms & ops checked good.
11. Re-rigged & lubed alternate air control cable IAW AMM. Ops checked good.
12. Replaced cowl flap rod end clevis assemblies (P/N: 554-757) & re-rigged IAW AMM. Ops checked good.
13. Replaced battery with (Concorde R-35, RG-35AXC Sealed P/N: 450-035) IAW AMM. Ops checked good.
14. Removed, cleaned, primed & painted battery box with 345 Acid Proof, High Temp Paint.

The above work was completed IAW current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Pertinent details of the repair(s) are on file at the Phoenix Air General Aviation Maintenance Facility under work order # 0000038.

Signed   
Steve L. Penney A&P 3601725

12/21/2017 N8614Y

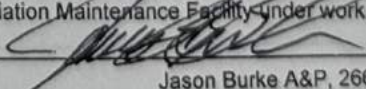
Piper Comanche PA-30 S/N: PA-30-1764

Airframe Logbook

R/H Tach Hours: 2594.11

1. Repaired upper R/H engine cowling crack IAW AC 43-13-1B, section 4-59.
2. Repaired cracked R/H engine lower cowling IAW AC 43-13-1B, figure 4-16.
3. Repaired L/H upper engine cowling left & right support channels IAW AC 43-13-1B, section 4-59.
4. Repaired crack in L/H lower engine cowling IAW AC 43-13-1B, figure 4-16.

The above work was completed IAW current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Pertinent details of the repair(s) are on file at the Phoenix Air General Aviation Maintenance Facility under work order # 0000038.

Signed   
Jason Burke A&P, 2664015

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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1/26/2018

N8614Y

Piper Comanche PA-30 S/N: PA-30-1764

Airframe Logbook

L/H Tach Hours: 2621.11 :: R/H Tach Hours: 2624.42

Removed & replaced Janitrol heater ignition vibrator (P/N: 756 577), and heater fuel regulator & shutoff valve (P/N: 492228) IAW AMM, chapter 13-80. Heater ops checked good.

The above work was completed IAW current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Pertinent details of the repair(s) are on file at the Phoenix Air General Aviation Maintenance Facility under work order # 0000048.

Signed

Steve L. Pelfrey A&amp;P 3601725

6/6/2018

N8614Y

Piper Comanche PA-30 S/N: PA-30-1764

Airframe Logbook

#1 Tach Hours: 2640.85 :: #2 Tach Hours: 2644.29

Removed & replaced aircraft battery (Concorde) P/N: RG-35AXC S/N: 40946602 IAW AMM card 3, para 11. Ops checked good.

The above work was completed IAW current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Pertinent details of the repair(s) are on file at the Phoenix Air General Aviation Maintenance Facility under work order # 0000094.

Signed

Kerry Louise Jordán Estefanía A&amp;P 3741407

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Phoenix Air Group, Inc. - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

N8614Y

Piper Comanche, PA-30, S/N: 30-1754

November 12, 2018

Tach: 2665.47

AFTT: 6797.88

1. Complied with annual inspection & all maintenance IAW manufacturers maintenance manual & inspection procedures.
2. Complied with FAA Airworthiness Directive Research for Airframe, L Engine, R Engine, L Propeller, R Propeller.
3. Replaced instrument regulator filter (P/N: B3-5-1) and instrument air filter (P/N: D9-14-5).
4. Lubricated Aircraft IAW AMM Section 12.
5. Inspected & Serviced Tires LMLG & RMLG (42PSI), NLG (42PSI). Inspected & Repacked Wheel Bearings. Refer to Items # 15 & 20 below.
6. Inspected LMLG & RMLG brakes, discs, cylinder & linings. Minimum Disc Thickness is 0.345 (Disc Measurements - LMLG: 0.329 RMLG: 0.334) Disc found beyond wear limits. Refer to Items # 16 & 17 below.
7. Inspected, serviced & charged battery. No defects noted.
8. C/W FAR 91.207 (2) (d) ELT Inspection. ELT Battery expired. Installed (1) BS2173 - ELT Battery. New ELT Battery Expires: SEP/2020. Refer to item # 19 below.
9. Removed and Replaced R/H Engine Oil Pressure Gauge IAW Piper ASM Twin Comanche PA-30 Section X, Paragraphs 10-9 and 10-10. ops checked good. Installed (1) 5653131 - Oil Pressure Gauge.
10. Adjusted L&R Prop Control Alignment I/A/W PA-30 Service Manual Section 8.
11. Installed New Door Fasteners I/A/W Piper PA-30 Service Manual Section 4. Installed (2) 460-027 - Fastener.
12. Installed New Strobe I/A/W Piper PA-30 Service Manual Section 11. Installed (1) 01-0770044-02 - Strobe Beacon.
13. Installed New Baggage Door Seal I/A/W Piper PA-30 Service Manual Section 4. Installed (1) 05-00020 - Door Seal.
14. Serviced NLG & MLG Oleo Struts IAW Piper ASM Twin Comanche PA-30 Section II, Paragraph 2-36.
15. Removed, Replaced and Balanced LMLG Tire with P/N: 070-314-0 S/N: 7185S00017 IAW Piper ASM Twin Comanche PA-30 Section VII Paragraphs 7-59 a,b, and d & 7-61 a-d and f-g. Installed (1) 070-314-0 - 6.00-6 Tube Tire.
16. Minimum Disc Thickness is 0.345. Disc found beyond wear limits. Removed and Replaced LMLG disc (Disc Measurements - LMLG: 0.375) with P/N: APS164-02201 and Brake Linings P/N: 066-06500 (2 ea.) & P/N: 066-06200 (2 ea.) IAW Piper ASM Twin Comanche PA-30 Section VII, Paragraphs 7-64 & 7-66. Installed (2) 066-06200 - Lining, Installed (2) 066-06500 - Lining, Installed (1) 068-01100 - Shim, Installed (1) APS164-02201 - Brake Disc.
17. Minimum Disc Thickness is 0.345 Disc found beyond wear limits. Removed and Replaced RMLG disc (Disc Measurements - RMLG: 0.375) with P/N: APS164-02201 and Brake Linings P/N: 066-06500 (2 ea.) & P/N: 066-06200 (2 ea.) IAW Piper ASM Twin Comanche PA-30 Section VII, Paragraphs 7-64 & 7-66. Installed (2) 066-06200 - Lining, Installed (2) 066-06500 - Lining, Installed (1) APS164-02201 - Brake Disc, Installed (1) 068-01100 - Shim.
18. Removed and Replaced Wing Root Fairing Seals IAW Piper PA-30 AMM.
19. Removed and Replaced ELT Battery P/N: BS2173 IAW Piper ASM Twin Comanche PA-30 Section 12. New Expiration Date: SEP 2020. Installed (1) BS2173 - ELT Battery.
20. Removed and Replaced NLG Cup Bearings P/N: 13836 IAW Piper ASM Twin Comanche PA-30 Section VII, Paragraphs 7-56 & 7-58. Installed (2) 13836 - Race.
21. Replace L&R Nose Landing Gear Door Retract Spring I/A/W Piper PA-30 Service Manual Section 7. Installed (1) 24033-000 - Spring. Installed (1) 24033-001 - Spring.
22. Installed New MLG Bungee Cord I/A/W Piper PA-30 Service Manual Section 7. Installed (2) 8097 - Bungee Cord.
23. Removed and Replaced Cabin Door Seal with Door Seal ADS1200-301-1 IAW ADS-P301-1/23 Piper Front Door Seal Installation Instructions. Follow ADS1200-109 Instructions for Continued Airworthiness each 100 Hour or Annual Inspection.
24. C/W AD79-12-08 Amendment 39-3493, Part B, dated June 19, 1979, IAW Piper Service Letter 851, Part B, Item 2a & 2b. No defects noted. No water found.
25. C/W AD83-10-01, IAW Amendment 39-4649 dated June 15, 1983, para (A), (1), (2) a & b. No defects noted. No water found.
26. Complied with AD99-14-01 by inserting AD into the limitations section of the Airplane Flight Manual.
27. C/W per AD 17-15-05 by visual / magnetic inspection. Exhaust extension is stainless steel and no other action is required.
28. C/W AD 04-21-05 per para 1 (i), IAW JanAero Devices Service Bulletin A-103, dated September 1995. No defects noted.
29. C/W AD 2004-25-16 R1 IAW Kelly Aerospace Power Systems Service Bulletin No. A-107A, Issue Date: September 6, 2002; and Piper Vendor Service Publication VSP-15, dated January 31, 2003. No defects/leaks noted.
30. Repaired Glareshield.
31. Removed & sent US-8-4 Engine Analyzer to Electronics International for Repair / Calibration on 9/19/2018. Received unit back on 9/27/2018 & reinstalled IAW manufacture installation instructions. Instrument ops checked good.
32. P/C/W AD 74-13-03 by Bolt Replacement. (No record of which bolts were used on 5-7-1974). Visually verified that corrosion resistant AN bolts were used (July 2, 2018). Removed and Replaced MS21046C5 Nuts on each Bolt IAW AD 74-13-03, Amendment 39-2588 dated April 30, 1976 per Piper Service Letter No. 667A & SAIB CE-04-88 inspection recommendations on 09/19/2018. IAW AD 74-13-03, para 3, this AD may be discontinued upon compliance. Installed (4) MS21046C5 - Self Locking Nut.
33. Removed Janitrol Heater (B2500) P/N: FR20035-1EL S/N: A98100046 and Installed Rebuilt Heater W/O#: M310000. I/A/W Piper PA-30 Service Manual Section 13. Installed (1) FR20D35-1(IS) - Heater Assembly. S/N: HA18050034.

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S. B. Jeffery



Phoenix Air Group, Inc. - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

34. Installed New Heater Fuel Shut-off Valve I/A/W Piper PA-30 Service Manual Section 13. Ops & Leak Checked Good. Installed (1) 19460-000 - Valve.
35. Replaced R/H Bleeder Valve "O"-Ring and Bleed Brake System I/A/W Piper PA-30 Service Manual Section 7.
36. Installed Brake Spacer Shims P/N: 068-01100, one on each Brake Assembly IAW Piper Twin Comanche PA-30 ASM Section VII, Paragraph 7-65. Installed (2) 068-01100 - Shim.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc. - General Aviation Maintenance Division under work order: PGAM0124.

Steve Pelfrey A&amp;P / iA 3601725



Phoenix Air Group, Inc. - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

N8614Y

Piper Comanche, PA-30, S/N: 30-1754

November 30, 2018

Tach: 2672.27

AFTT: 6804.68

1. Found Circuit Breaker Pulled and Reset. Ops Check Good.
2. Installed Heater Side Fuel Solenoid Ground In Proper location. Ops Check Good I/A/W Piper PA-30 Service Manual Section 13.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc. - General Aviation Maintenance Division under work order: PGAM0145.

Justin Blocker A&amp;P 3353842

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DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

wo: PGAM0229

Airframe - page 1 of 1



Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

N8614Y

Tach: 2769.37

Piper Comanche, PA-30, S/N: 30-1754  
AFTT: 6901.78

December 20, 2019


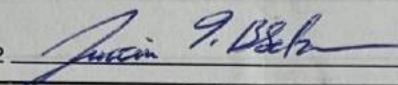

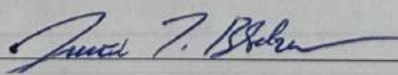
1. Completed an Annual Airframe Inspection & All Maintenance I/A/W CFR 43 Appendix D and Manufacturers Maintenance Manual & Inspection Procedures.
2. Replaced instrument regulator filter (P/N: B3-5-1) and instrument air filter (P/N: D9-14-5) Installed (1) ARB3-5-1 - Vacuum Regulator Filter, Installed (1) D9-18-1 - RAPCO Gyro Air Filter, Installed (1) ARB3-5-1 - Vacuum Regulator Filter.
3. Lubricated Aircraft IAW AMM Section 12.
4. Inspected & Serviced Tires LMLG & RMLG (42PSI), NLG (42PSI). Inspected & Repacked Wheel Bearings. No Defects Noted.
5. Inspected LMLG & RMLG brakes, discs, cylinder & linings. Minimum Disc Thickness is 0.345 (Disc Measurements - LMLG: 0.380 RMLG: 0.460) No defects noted.
6. Inspected, serviced & charged battery. No defects noted.
7. C/W FAR 91.207 (2) (d) ELT Inspection. No defects noted. ELT Battery Expires: September/2020.
8. C/W ELT Transmission Test. Ops Check Good.
9. C/W SAIB: SW-18-31 Evolution EFD1000. Confirmed ADSB is disabled as stated in SW-18-31.
10. Repaired Right Fuel Gauge Ground I/A/W AC43.13-2B.
11. C/W AD83-10-01, I/A/W Amendment 39-4649 dated: June 15, 1983, Paragraph (A) (1) (2) (a) (b) No Contamination Detected. Paragraph (D) Placard Installed. Installed (1) 751-871 - Gasket, Installed (1) 751-871 - Gasket.
12. Weighed and Inspected Fire Extinguisher Per Manufacturers Instructions. Weighed 1 lbs 15 oz (limit 1 lbs 14 oz +- 1).
13. C/W ADS1200-109 Part 1 (A)(B)(C) No Defects Noted.
14. Replaced Both Left /Right MLG Bungee Cord I/A/W Piper Service Manuel Section 7 Installed (2) 8097 - Bungee Cord.
15. Replace Right Main Tire I/A/W Piper Service Manual Section 7 Installed (1) 070-314-0 - 6.00-6 Tube Tire, S/N: 9170S00011.
16. Resealed Right Brake I/A/W Piper Service Manual Section 7 Installed (2) MS28775-222 - O-ring.
17. Replaced Nose Tire I/A/W Piper Service Manual Section 7 Installed (1) 070-449-0 - Michelin Aviator 15 x 6.0 6 Ply, S/N: 9206S00157.
18. Added New Spring Washers To both Left And Right brackets I/A/W Piper MM Section 7.
19. Replaced Antenna with Rami AV-74 Transponder Antenna IAW Piper AMM Chapter 31. Installed (1) AV-74 - Transponder Antenna.
20. C/W AD79-12-08 Amendment 39-3493, Part A & Part B, dated June 19, 1979, I/A/W Piper Service Letter 851, Part A Item 3 & Part B, Item 2a and 2b.
21. Cleaned R/H Fuel selector valve I/A/W Piper Service Manual section 9.
22. Removed Right Fuel Pump (P/N 800-8B) Replaced With (P/N C8100-J) (S/N 60651) I/A/W Piper MM Section 9. Ops and Run Checks Good. Installed (2) CJ33963-2 - Bracket, Installed (1) C8100-J - Fuel Pump, S/N: 60651.
23. Repaired L/H Gear Door Rod End Attach Point By Sheet Metal Repair I/A/W AC43.13-2B Chp. 4 Figure 4-16. Landing Gear Ops Checks Good.
24. Replaced nose gear down lock bulb, and ran new ground wire from nose down lock switch to forward ground plate IAW Piper PA30 Section 7 and AC 43.13B. Ops checks good. Installed (1) 330 - Light Bulb.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0229.

Steve Pelfrey A&amp;P / IA 3601725

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
<div>wo: PGAM0255 <span style="float: right;">Airframe - page 1 of 1</span></div> <div style="text-align: center;">  </div> <div>Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134</div> <div> <b>N8614Y</b> <b>Piper Comanche, PA-30, S/N: 30-1754</b> <b>February 22, 2020</b>  Tach: 2789.52 AFTT: 6921.93 </div> <div> 1. Removed L/H and R/H Fuel Strainers Cleaned, Inspected and Reinstalled I/A/W Piper PA-30 Service Manual Section 9. Ops and Leak Checks Good. </div> <div> I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0255. </div> <div> Justin Blocker A&amp;P 3353842  </div>			
<div>wo: PGAM0244 <span style="float: right;">Airframe - page 1 of 1</span></div> <div style="text-align: center;">  </div> <div>Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134</div> <div> <b>N8614Y</b> <b>Piper Comanche, PA-30, S/N: 30-1754</b> <b>May 22, 2020</b>  Tach: 2812.01 AFTT: 6944.42 </div> <div> 1. Removed, Fabricated, and Installed Auto Pilot Static Line I/A/W Piper PA-30 Service Manual Section 10 and AC43.13-1b. Installed (1) 268-04X02 - Brass Male Connector.  2. Removed Century 2000 Flight Computer Controller P/N: 1D937-20306139918 S/N: 1788G and Sent For Repair to Century Flight System, Inc. W/O#: 6168. Removed, Sent for Repair (1) 1D937-20306139918 - Auto-Pilot Flight Computer Controller, S/N: 1788G.  3. Reinstalled Century 2000 Flight Computer Controller P/N: 1D937-20306139918 S/N: 1788G I/A/W Piper PA-30 Service Manual Section 12. Ops Check Good.  4. Removed Attitude Indicator P/N: 52D267M S/N: T10751D and Sent for Repair to Century Flight System, Inc. W/O #: 6180. Removed, Sent for Repair (1) 1U3678-204-4 - GYRO, S/N: T10761D.  5. Reinstalled Attitude Indicator P/N: 52D267M S/N: T10751D I/A/W Piper PA-30 Service Manual Section 12. Ops Check Good. </div> <div> I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0244. </div> <div> Justin Blocker A&amp;P 3353842  </div>			

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TOTAL brought forward from previous page			

wo: PGAM0244

Airframe - page 1 of 1



Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y**

Tach: 2812.01

**Piper Comanche, PA-30, S/N: 30-1754**  
AFTT: 6944.42**June 9, 2020**

1. Removed, Fabricated, and Installed Auto Pilot Static Line I/A/W Piper PA-30 Service Manual Section 10 and AC43.13-1b. Installed (1) 268-04X02 - Brass Male Connector, Installed (1) 1D937-20306139918 - Auto-Pilot Flight Computer Controller, S/N: 1788G.
2. Removed Century 2000 Flight Computer Controller P/N: 1D937-20306139918 S/N: 1788G and Sent For Repair to Century Flight System, Inc. W/O #: 6168. Removed (1) 1D937-20306139918 - Auto-Pilot Flight Computer Controller, S/N: 1788G.
3. Reinstalled Century 2000 Flight Computer Controller P/N: 1D937-20306139918 S/N: 1788G I/A/W Piper PA-30 Service Manual Section 12. Ops Check Good.
4. Removed Attitude Indicator P/N: 52D267M S/N: T10751D and Sent for Repair to Century Flight System, Inc. W/O #: 6180. Removed, Sent for Repair (1) 1U3678-204-4 - GYRO, S/N: T10761D.
5. Reinstalled Attitude Indicator P/N: 52D267M S/N: T10751D I/A/W Piper PA-30 Service Manual Section 12. Ops Check Good.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0244.

Timothy Mullins A&amp;P 3718516

Airframe - page 1 of 1

wo: PGAM0254



Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y**

Tach: 2814.7

**Piper Comanche, PA-30, S/N: 30-1754**  
AFTT: 6947.11**June 9, 2020**


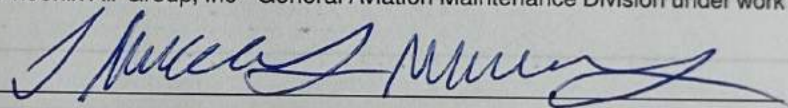

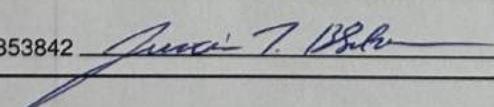
1. Completed 50 Hour Inspection I/A/W Piper PA-30 Service Manual Section 3. Inspected NLG for security & damage. Inspected & Serviced Battery. Serviced brake reservoir with MIL-PREF-5606H hydraulic fluid. Leak Check Good. Inspected brakes, linings & discs for wear and condition. Inspected & serviced tires. Checked exterior lights for operation. No defects noted.
2. C/W Fuel Nozzle Flow Check And Found Sediments in Nozzles. Removed, Cleaned, Reinstalled Fuel Injectors I/A/W Piper PA-30 Service Manual Section 9. Ops and Leak Check Good. Torqued To 60 inch pounds (Torque Wrench # 1588).
3. Install New Webco Fuel Selector Decal Provided by Owner I/A/W PA-30 Service Manual Section 9.
4. Found Digital Fuel Flow Circuit Breaker Pulled. Inspected System and Reset Circuit Breaker I/A/W PA-30 Service Manual Section 11. No Defects Noted. Ops Check Good.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0254.

Rob Foster A&amp;P 3751969

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
<div style="display: flex; justify-content: space-between;"> <span>wo: PGAM0257</span> <span>Airframe - page 1 of 1</span> </div> <div style="text-align: center;">  </div> <p>Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134</p> <div style="display: flex; justify-content: space-between;"> <div> <b>N8614Y</b>  Tach: 2812.01 </div> <div> <b>Piper Comanche, PA-30, S/N: 30-1754</b>  AFTT: 6944.42      Lh tach: 2815.54 </div> <div> <b>June 16, 2020</b>  Rh tach: 2818.19 </div> </div> <ol style="list-style-type: none"> <li>1. Repaired Control Yoke Elevator Trim Disconnect Switch Wiring I/A/W Piper PA-30 MM section 11 and AC43.13-1B. No Defects Noted. Ops checks good.</li> <li>2. Fabricated Landing Lights, Wing Strobes, And Pitot Heat Switch Placards I/A/W Piper PA-30 Service Manual Section 11. No Defects Noted.</li> <li>3. Weighed Aircraft And Updated Aircraft Weight And Balance I/A/W Piper PA-30 Service Manual Section 2. No Defects Noted. Updated Weight and Balance in Pilots Operating Hand Book.</li> <li>4. Removed GA-56 Non-WAAS Antennas and replaced with GA-35 WAAS Antennas per Garmin GNS-430W/530W installation instructions. No defects noted. Ops check good. Installed (1) 013-00235-00 - Antenna, S/N: 184891, Installed (2) 225554-6 - Connector, Rev/Lot: 30-18965, Installed (1) 013-00235-00 - Antenna, S/N: 149993, Removed (1) 011-00134-00 - GA-56 Antenna, S/N: 59055652, Removed (1) 011-00134-00 - GA-56 Antenna, S/N: 59056771.</li> </ol> <p>I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0257.</p> <div style="display: flex; justify-content: space-between;"> <span>Timothy Mullins A&amp;P 3718516</span>  </div>			
<div style="display: flex; justify-content: space-between;"> <span>wo: PGAM_EMP_0266</span> <span>Airframe - page 1 of 1</span> </div> <div style="text-align: center;">  </div> <p>Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134</p> <div style="display: flex; justify-content: space-between;"> <div> <b>N8614Y</b>  Tach: 2837.3 </div> <div> <b>Piper Comanche, PA-30, S/N: 30-1754</b>  AFTT: 6969.71      Lh tach: 2834.7 </div> <div> <b>July 24, 2020</b>  Rh tach: 2837.3 </div> </div> <ol style="list-style-type: none"> <li>1. Serviced Nose And Main Tires To 42 PSI. I/A/W Piper PA-30 Service Manual Section 2. No Defects Noted.</li> </ol> <p>I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM_EMP_0266.</p> <div style="display: flex; justify-content: space-between;"> <span>Justin Blocker A&amp;P 3353842</span>  </div>			

Entry: 3 of 3

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DATE

TOTAL  
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TIME

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DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

wo: PGAM\_EMP\_0270

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Airframe - page 1 of 1

Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y**

tach: 2846.5

**Piper Comanche, PA-30, S/N: 30-1754**

AFTT: 6978.91

LH Tach: 2843.8

**August 17, 2020**

RH Tach: 2846.5

1. Removed And Replaced Strobe Circuit Breaker I/A/W Piper PA-30 MM Section 6. Ops Checks Good. No Defects Noted. Installed (1) W23-X1A1G-10 - Circuit Breaker.
2. Reinstalled Stall Light In Instrument Panel I/A/W Piper PA-30 MM Section 6. Ops Checks Good. No Defects Noted.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_0270.

Timothy Mullins A&amp;P 3718516

wo: PGAM\_EMP\_0274

Airframe - page 1 of 1

Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y**

tach: 2848.3

**Piper Comanche, PA-30, S/N: 30-1754**

AFTT: 6980.71

LH Tach: 2845.7

**August 27, 2020**


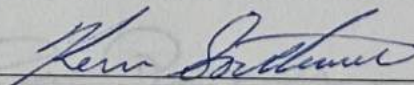
RH Tach: 2848.3

Removed Alternator P/N ALX-8521R S/N F0283302 And Replaced Alternator With P/N ALX-8521LS S/N K6041485 I/A/W Piper PA-30 MM Section 6. Ops Check Good. No Defects Noted. Installed (1) ALX-8521LS - Alternator, S/N: K6041485, Removed (1) ALX-8521R - Alternator, S/N: F083302.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_0274.

Timothy Mullins A&amp;P 3718516

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
wo: PGAM_EMP_0298 <span style="float: right;">Airframe - page 1 of 1</span>			
			
Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134			
<b>N8614Y</b> <b>Piper Comanche, PA-30, S/N: 30-1754</b> <b>December 16, 2020</b> LH Tach: 2855.83 RH Tach: 2858.34 tach: 2858.34 AFTT: 6990.75			
<ol style="list-style-type: none"> <li>1. C/W Airframe Annual Inspection I/A/W CFR 43 Appendix D.</li> <li>2. C/W Log Book and AD Research.</li> <li>3. Replaced instrument regulator filter (P/N: B3-5-1) and instrument air filter (P/N: D9-18-1) Installed (1) AAD9-18-1 - Filter Element, Installed (2) ARB3-5-1 - Vacuum Regulator Filter.</li> <li>4. Lubricated Aircraft IAW Piper PA-30 Service Manual Section 2.</li> <li>5. Inspected &amp; Serviced Tires LMLG &amp; RMLG (28PSI), NLG (34PSI). Inspected &amp; Repacked Wheel Bearings. No Defects Noted.</li> <li>6. Inspected LMLG &amp; RMLG brakes, discs, cylinder &amp; linings. Minimum Disc Thickness is 0.345 (Disc Measurements - LMLG: 0.374 RMLG: 0.372) No defects noted.</li> <li>7. Inspected, Serviced &amp; Charged Battery. No Defects Noted.</li> <li>8. C/W FAR 91.207 (2) (d) ELT Inspection. No defects noted. ELT Battery Expires: OCT/ 2025 .</li> <li>9. C/W ELT Transmission Test. Ops Check Good. No Defects Noted.</li> <li>10. C/W AD79-12-08 Per Piper Service Letter No. 851. Part A. No Defects Noted. Installed (2) 751-871 - Gasket, Rev/Lot: 30-18492.</li> <li>11. C/W AD83-10-01 By Inspection And Cleaning Of Fuel Selector Valve Strainer And Housing. No Defects Noted.</li> <li>12. C/W Cabin Fire Extinguisher Weight Check. Current Weight is 1lbs 14.2oz.</li> <li>13. C/W ICA ADS122-109 By Inspection of Front Door Seal. No Defects Noted.</li> <li>14. Replaced L/H And R/H MLG Bungee Cords With New Per Piper PA-30 M/M Chapter 32. Performed Gear Retraction/Extension and Emergency Extension Tests. No Defects Noted. Installed (2) U31322-07 - Cord.</li> <li>15. Re-flared Right Engine Fuel Inlet Line I/A/W AC43.13 Chapter 9 Section 2. Ops And Leak Check Good . No Defects Noted .</li> <li>16. Serviced Nose Strut With Nitrogen I/A/W Piper PA-30 Service Manual Section 2. Ops And Leak Check Good. No Defects Noted.</li> <li>17. Reconnected P-Lead Wire From Right Magneto to Magneto Switch. Continuity Check Good. Operational Check Good.</li> <li>18. Removed Dorne &amp; Margolin ELT 6.1 S/N: 50902 And Installed ACK E-04 ELT I/A/W ACK Installation Instructions P/N E04M REV 1.9 Dated 03/24/2017. Ops Checks Good. No Defects Noted. ELT Battery Expiration Dated: OCT/2025. Installed (1) E-04 - ACK E-04 406 MHZ ELT KIT WITH WHIP ANTENNA USA, S/N: 033494, Installed (1) 7274-11-1 - Circuit Breaker.</li> </ol> <p>I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM_EMP_0298.</p> <p>Kevin Southworth A&amp;P / IA 3641207 </p>			
<div style="font-size: 2em; color: red; transform: rotate(-15deg); position: absolute; left: 100px; top: 100px;">#4 / 05</div> <div style="font-size: 2em; color: red; position: absolute; left: 350px; top: 50px;">Boote Closed</div> <div style="font-size: 2em; color: red; position: absolute; left: 380px; top: 100px;">01/07/2021</div>			
<div style="border: 1px solid black; width: 100px; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 30px;"></div>			

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