

Description of Inspections, Tests, Repairs and Alterations

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

I certify this ANNAFT has been inspected in accordance with
(*) (an) ANNUAL inspection and is approved for return to service.
AD notes checked through Bi-Weekly 97-17
Airframe Total Time 3034:00 Tacho 3034:00
Heater hourmeter Aircraft HM
Engine TSMOH (left) (right)

Signed Wm L. Vandyle for
Carolina Aircraft Associates • Rowan County, NC

Replaced Brachett air
Filter Element with
new Brachett BA-3 filter
Element, removed right
Fuel Tank to replace
defective fuel quantity
Transmitter - removed
defective Transmitter and

Installed overhauled Fuel Quantity Sender P/N 68101-02
Serial No. 97-2337 - Re-Installed Fuel after installing new
Vent line hoses P/N 63913-193 and P/N 63913-194 and also
Replaced main Fuel Tank supply line hose assy with new
P/N 565-146 Hose assy. Replaced all fuel tank mounting
screws with new P/N MS27039-0809 screws - fuel quantity
gauge checked for operation after Tank installation completed
C/W AD 69-15-01 By inspection of control wheels for cracks, C/W AD
72-08-06 By inspection of Landing gear Torque Links, C/W AD 760712 By
operation of Ignition Switch - Ground function OK.

[illegible]

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/1	3098:41		3098:41	Lubricated all flight controls. cleaned and repacked all wheel bearings. Replaced ELT battery new Replaced date 9-2000. Secured Battery. checked Brake linings for wear. checked all lights for proper operation Complied with AO 76-07-12 By testing Bendix ignition switch for proper grounding function. Complied with AO 69-22-02 by inspecting control wheels for center.

I certify that this aircraft
has been inspected in accordance
with a 100hr inspection and
found to be in airworthy condition

[Signature]
243290359 AEP

Reg# N64030 Date 10/1/98 WO# _____
I certify this AIRCRAFT has been inspected in accordance with
(☒) (an) ANNUAL inspection and is approved for return to service.
A D notes checked through Bi-Weekly 98 19
Airframe Total Time 3098:41 Tacho 3098:41
Heater hourmeter _____ Aircraft HM _____
Engine TSMOH (left) 903.73 (right) _____
Signed Wendy L. Van Dyke 1990948IA for

TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	Revised Inspection
3178.65	Lubricated all flt. controls. cleaned, Inspected and Re-packed all wheel bearings. checked EIT for proper operation. Inspected brake linings for wear. Serviced battery. checked all lights for proper operation. Complied with AD 76-07-12 by testing Bendix ignition switch for proper grounding function. Complied with AD 69-22-02 by inspecting control wheels for cracks.
I certify that this airplane has been in accordance with a 100 hr inspection and found to be condition.	Kyle R. Modine 243290339 AEP (continued next page)

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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11/13	3178165		3178165	I Certify that this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> Inspection and was determined to be in an <u>AIR WORTHY</u> condition.
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Harvey L. Kumbayke
AEP 1990948IA

NOT USED

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-17-00 10 2000				
11-17	3212.09		3212.09	<p>Lubricated all flight controls</p> <p>Replaced ELT Battery and checked ELT for proper operation, New Battery replacement date 12-2002.</p> <p>Inspected brake linings for wear. Serviced battery. Checked all lights for proper operation.</p> <p>Complied with AD 76-09-12 by testing Bendix ignition switch for proper grounding function. Complied with AD 69-22-02 by inspecting control yokes for cracks. Replaced upper fuselage hinge bolt due to wear. Verified that AD 96-10-03 had previously been complied with.</p>
<p>I certify that this Airframe has been inspected in accordance with 100hr inspection requirements and found to be in airworthy condition.</p>				<p>Kyle M. Madison</p> <p>743-29-0339 A&P</p> <p>next page →</p>

DATE 2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-17	3212.09		3212.09	<p>Reg# <u>N6430J</u> Date <u>11/17/00</u></p> <p>I certify this <u>AFERCRAPT</u> has been inspected in accordance with</p> <p>(a) (an) <u>ANNUAL</u> inspection and is approved for return to service.</p> <p>A/D notes checked through Bi-Weekly <u>TDATA</u> - <u>22-2000</u></p> <p>Airframe Total Time <u>3212.09</u> Techno <u>3212.09</u></p> <p>Engine TSMOH (hrs) <u>1017.41</u> (right)</p> <p>Signed <u>Julian A. Cantor</u> <u>A2-237800080</u></p>
<p>NOT USED</p>				

DATE #2001	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-14	3237.82	3237.82		<p>Lubricated all Flight controls, cleaned & repacked all wheel bearings. Checked all Lights for proper operation. Checked EIT for proper operation battery due 12-2002. Inspected brake linings for wear. Complied w/ AO 76-07-12 by testing Bendix ignition switch for proper ground function. Complied w/ AO 69-22-02 by inspecting control yokes for cracks.</p> <p>I certify that this Airframe has been Inspected IAW 100hr Inspection requirements and found to be in Airworthy condition. Kyr M. Madson 243-29-0339 A/C P</p>

DATE 2001 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				A/C REG. # <u>N64033</u> DATE <u>11/14/01</u> TOTAL A/C TIME <u>3237.82</u> HRS. TACH TIME <u>3237.82</u> I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) <u>ANNUAL</u> 100 HR INSPECTION AS PER <u>DATA 2201-23</u> AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u>Julie A. Carls</u> <u>237800080</u> SIGNATURE CERTIFICATE NO/TYPE
11-14	3237.82		3237.82	Inspected propeller in accordance with 100hr inspection requirements <u>Keith M. Martin</u> A/C REG. # <u>243-29-039 AEP</u> TOTAL A/C TIME _____ HRS. TACH TIME _____ <u>PROPELLER</u> I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) <u>ANNUAL</u> 100 HR INSPECTION AS PER <u>DATA 2201-23</u> AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u>Julie A. Carls</u> <u>237800080</u> SIGNATURE CERTIFICATE NO/TYPE

DATE 2003 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-10	3252.32		3252.32	T Smott 1057.64
				Lubricated all flight controls.
				checked All Lights for proper
				operation. Replaced ELT Battery,
				New Replacement Date 12/2005.
				checked ELT for proper operation.
				Inspected brake linkage for proper
				operation - WEAR. Complied with AD-
				76-07-12 by testing Bendix ignition
				switch for proper grounding system.
				Complied with AD 69-22-02 by inspecting
				control yokes for cracks.
				I certify that this Airframe has
				been Inspected in accordance with
				100HR. Inspection Requirements and found
				to be in airworthy condition. J. M. M. M.
				243290339 AEP

DATE 2003 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-10	3252.32	3252.32		<p>Inspected propeller in accordance with 100 hr inspection requirements</p> <p><i>Karl K. Kuehn</i> 243290339A, P</p>
				<p>A/C REG. # <u>N64035</u> DATE <u>1/10/03</u> TOTAL A/C TIME <u>3252.32</u> HRS. TACH TIME <u>3252.32</u></p> <p>I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN <input checked="" type="radio"/> ANNUAL/100 HR INSPECTION AS PER <u>AFIP Vol. 1 1/2/03</u> AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p><i>Julie A. Kuehn</i> <u>A2 237800080</u> SIGNATURE CERTIFICATE NO./TYPE</p> <p>A/C REG. # <u>N64035</u> DATE <u>1/10/03</u> TOTAL A/C TIME <u>3252.32</u> HRS. TACH TIME <u>3252.32</u></p> <p>I CERTIFY THAT THIS AC ^{PA01} HAS BEEN INSPECTED IN ACCORDANCE WITH AN <input checked="" type="radio"/> ANNUAL/100 HR INSPECTION AS PER <u>AFIP Vol. 1 1/2/03</u> AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p><i>Julie A. Kuehn</i> <u>A2 237800080</u> SIGNATURE CERTIFICATE NO./TYPE</p>

DATE

19 _____

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

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

AIRWAYS INC.
336-674-9999

N6403J
TACH 3263

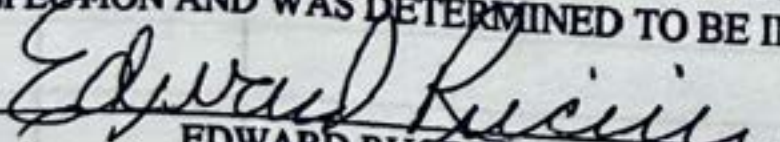
PA28-180

S/N 28-4819

3-24-2004

OPENED AIRCRAFT FOR ANNUAL INSPECTION, INSPECTED PER CHECK LIST.
LUBRICATED AIRCRAFT. REMOVED, CLEANED, INSPECTED, GREASED ALL WHEEL
BEARINGS AND INSTALLED GOOD. REMOVED BOTH LH AND RH FUEL TANKS.
REPAIRED LEAK AT LH TANK WITH PRC, SEALER. REPLACED BOTH LH AND RH
FUEL FEED HOSES. INSTALLED TANKS WITH NEW HARDWARE. NO LEAKS. SEE AD
LIST DATED 3-24-2004 FOR RECURRING AD STATUS. ELT DUE DEC 2004
DRESSED PROPELLER MINOR SCRATCHES, GOOD.

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


EDWARD RUCINSKI

A&P 190461622IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Entries must be endorsed with Name, Rating and Certificate Technician or Repair Facility. (See back pages for other s
19 _____				

AIRFRAME ENTRY

TAIL NO. N6403J **MODEL** Piper Cherokee

MAINTENANCE PERFORMED:

Installed new interior as follows: Recovered cabin seats, sidewall panels with gray vinyl, replaced cabin carpet with gray Hafner carpet. Seat belts are new form Aircraft Belts Inc.

LAST ITEM

All materials conform to FAR 25.853 or better

The customer is responsible for the weight and balance of aircraft

This aircraft has been found airworthy and is approved for return to service for work performed. Details on file at repair station.

Southeast Aircraft Interiors LLC

Joe Reeves
Authorized Signature

24996084

END

MARCH 26, 2004
Date

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

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

I CERTIFY THAT THE TRANSPONDER SYSTEM
TESTS REQUIRED BY FAR 91.413 HAVE BEEN
PERFORMED IAW FAR 43 APP. F.
TRANSPONDER AT 150 SN 31083
ENCODER AR890 SN 25295
ON 8/1/03 BY [Signature]
AERO MAINTENANCE INC. JD6R635N

I CERTIFY THAT THE ALTIMETER AND/OR
STATIC SYSTEM TESTS REQUIRED BY FAR
91.411 HAVE BEEN PERFORMED IAW FAR 43

APP. E.

ALTIMETER SN

7206

TESTED TO

29000

ON

8/1/03

BY

[Signature] FT.

AERO MAINTENANCE INC. JD6R635N

10/20/2005

Installed FPS Fuel Flow system per JTC
SA-000689E. Weight & balance & component
list modified - see 337 dated this date
[Signature] HP 2807179

10-21-2005

Complied with AD - 99-24-10 IAW (AMOC)
upgraded system SUS III to AN SUS V
No further action needed

Michael Green

A&P 2733882

DATE

2006
19RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

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

18/06 3438.47

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

ELVIN M. CROFT AP-444341943-1A

Elvin M. Croft

1-18-06

NARCO AVIONICS INC.

SERVICE TAG

MK12E
MODEL #

S/N 25383

DATE 5-2-06

W.O.# 35008P

DETACH AND AFFIX
TO LOGBOOK

NARCO AVIONICS INC.

SERVICE TAG

MK12D
MODEL #

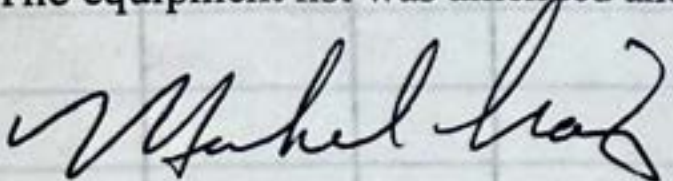
S/N 52154

DATE 6-30-06

W.O.# 35646P

DETACH AND AFFIX
TO LOGBOOK

DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
JAN.31,2007				
N6403J				
TACH: 3488.20				
<p>Preformed annual inspection IAW 43:13 App.D. Lubed and checked all Flight controls for proper movement. Checked all control cables for proper Tension IAW Piper Service Manual. Drained oil and serviced with 8 Qts Aero Shell 100. Replaced oil filter, cut open old filter checked for metal none Found. Did compression check #1 78/80 #2 76/80 #3 76/80 #4 76/80. Removed wheels and replaced brake rotors and repacked bearings. Also replaced brake pads. Replaced diode assembly master relay IAW piper manual. Replaced all aluminum cables with copper cables IAW STC# SA3531NM. Modified battery box IAW STC #SA4008NM. Replaced all spark plugs with new RHM40E plugs. Replaced ELT battery. Repaired faulty fuel tank sencer. All AD'S Complied with thru 2006.</p>				
<p>I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.</p>				
<p>Michael Craig A/P 2733882 IA</p> <p><i>Michael Craig</i></p>				

DATE 2007 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N6403J 31 August 2007
				Removed the following: MK 12 D, MK 12 E, Two-ID 825, Foster LRN 500, SPA 400 Intercom.
				Installed the following: GNS 530W, GA 56A, GI 106A, KX 155, KI 203, Lonestar CRB-6457 FAA-PMA Cooling Fan. See 337 this date for work on GNS 530W.
				Added GPSS to existing STEC 50 Auto-pilot in accordance with FAA approved bulletin No. 901 (ST 901). Per S-TEC Corporation letter SL00-003 dated 2-18-00, revised 12-06-01, this is considered a minor change when added to the previously installed S-TEC 50 system.
				The equipment list was amended and the weight and balance was recalculated.
				
				Michael Craig 27633882 A & P

Tests, Repairs and Alterations

Name, Rating and Certificate Number of
(See back pages for other specific entries.)

I CERTIFY THAT THE TRANSPONDER SYSTEM
TESTS REQUIRED BY FAR 91.413 HAVE BEEN

PERFORMED IAW FAR 43 APP. E. *N64035* *20th*

TRANSPONDER *AT150* SN *31083* *A9352*

ENCODER *AR830* SN *25290*

ON *10/9/07* BY *[Signature]*

AERO MAINTENANCE INC. JD6R635N

I CERTIFY THAT THE ALTIMETER AND/OR
STATIC SYSTEM TESTS REQUIRED BY FAR
91.411 HAVE BEEN PERFORMED IAW FAR 43
APP. E.

ALTIMETER SN *7706*

TESTED TO *70,000*

ON *10/7/07* BY *[Signature]* FT.

AERO MAINTENANCE INC. JD6R635N

10/9/07 installed Vacuum gauge in left instrument panel -
test Run engine - *[Signature]* AP# *2807174*

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Jan. 11, 2008

N6403J

Tach: 3542.23



Preformed annual inspection IAW 43.13 App D, and piper service manual. Lubed all flight controls and checked for proper movement. Checked all cable tensions IAW piper service manual. Removed all wheels, cleaned and greased all bearings. Drained oil and serviced with 8qts Aero Shell 100. Changed oil filter, cut open old filter checked for metal none found. Did compression check #1 78/80 #2 76/80 #3 76/80 #4 76/80. Removed and cleaned and regaped all spark plugs. Checked ELT for proper operation. Checked all breaks for wear. Replaced air filter. All Ads complied with thru 2007.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.

Michael Craig A/P 2733882 IA

Michael Craig

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Jan. 10, 2009

N6403J

Tach: 3569.75



G02371076

Preformed annual inspection IAW 43.13 App D, and piper service manual. Lubed all flight controls and checked for proper movement. Checked all cable tensions IAW piper service manual. Removed all wheels, cleaned and greased all bearings. Drained oil and serviced with 8qts Aero Shell 100. Changed oil filter, cut open old filter checked for metal none found. Did compression check #1 76/80 #2 74/80 #3 76/80 #4 78/80. Removed and cleaned and regaped all spark plugs. Checked ELT for proper operation. Checked all breaks for wear. Replaced air filter. All Ads complied with thru 2008. Installed new Gill G35 battery. Repaired broken rotating beacon.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.



Michael Craig A/P 2733882 IA

Michael Craig

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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April 10, 2009

R/R Nose wheel strut IAW Piper service manual and part# JMPNSI. Serviced with hydrolic fluid and Nitrogen.

Michael Craig A/P 2733882 IA

Michael Craig

Graham Aviation Inc. 8240 S.R. 309, Galion, OH 44833

19AUG2009 Piper PA-28-180 N6403J Aircraft Ser# 28-4819 Tach 3610.0 Total Time 3610.0.

This aircraft inspected using guidelines of FAR Part 43 Appx. D for 100 Hr/ Annual inspection. All cables checked for fraying and corrosion .All pulleys checked for freedom and lube. All control surfaces checked for condition & all hinge points lubed. All controls checked for freedom and travel. Landing gear attach points checked for security . Main gear lubed. Brakes checked for condition. C/W AD 76-07-12, Bendix Ign. Switch. Electrical system checked. Battery serviced & checked for corrosion. ELT function check performed OK. ELT battery next due Aug 2010. All available interior areas checked for corrosion. .AD listing 2009-16 Checked for Compliance.

I certify that this aircraft has been inspected in accordance an annual inspection and determined to be in an airworthy condition. James C. Graham AP191244078IA

James C. Graham

9/11/09

3612.8

Replaced Nose Tire Condor 600x6

James C. Graham

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/4/09	3640.5			Adjusted vacuum regulator, +1 turn CW, for 5" vacuum @ ramp. Test Flight o.k. A. R. AP3106433.

Corvallis Aero Service
N6403J

TACH: 3,645.81

5695 SW Airport Place
HOBBS:

Corvallis, OR 97333
DATE: 11/3/09

Tested altimeter, pitot/static system, altitude reporting system, and transponder system per 14CFR43, Appendices E and F. These systems complied with the requirements of 14CFR91.411 and 91.413 for non-pressurized aircraft to 20,000 feet.

I certify that this Airframe is airworthy only with respect to the work performed.

W/O # 09-2921



Cecil Wells

Cecil Wells for CRS V56R854K

11.15.09	3653.4			Replaced vacuum pump w/ new Raped PN 215CC SN A37788. Adjusted vacuum regulator back 7 turn to produce 5" @ 2000 rpm. A. R. AP31064531A.
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DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/25/09	3653.8			<div data-bbox="892 269 1470 716" data-label="Complex-Block"> <p>RAPCO, inc.</p> <p>Air Filter P/N <u>RA-D9-78-1</u></p> <p>Changed at: <u>3653</u> Hrs. Next Change: _____ Hrs.</p> <p>Date: <u>11/09</u> Date: _____</p> <p>MANDATORY REPLACEMENT: 500 hours in service, annually, or pump replacement, whichever comes first. Hartland, WI 53029 USA</p> </div> <p>Replaced vacuum filter as req'd. Vacuum psi checked o.k.</p> <p><i>[Signature]</i> AP3106453.</p>
11/25/09	3653.8			<div data-bbox="126 893 703 1332" data-label="Complex-Block"> <p>RAPCO, inc.</p> <p>Air Filter P/N <u>Regulator Val</u></p> <p>Changed at: <u>3655</u> Hrs. Next Change: _____ Hrs.</p> <p>Date: <u>11/09</u> Date: _____</p> <p>MANDATORY REPLACEMENT: 500 hours in service, annually, or pump replacement, whichever comes first. Hartland, WI 53029 USA</p> </div> <p>Performed 500hr. inspection of L&R magnetos per Union master Service Manual F-1100: interval timing adjusted, cleaned & checked point gap. Also parts replaced @ this time. Tightened carburetor float bowl screws & resecured as necessary. Aircraft run up & test flight o.k.</p> <p><i>[Signature]</i> AP3106453/A.</p> <p>END.</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-05-09	3655.6			R+R vac. Regulator P/N RA2H3-12 S/N 30809-002. Checked + adjusted vac. pressure to 5" @ 2000 rpm. APBDC6531A — END.
<div style="text-align: center;"> RA2H3-12 A-36 S/N: 30809-002 </div>				

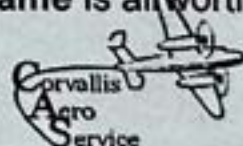
Corvallis Aero Service
N6403J

5695 SW Airport Place
TACH: 3,656.42
HOBBS:

Corvallis, OR 97333
DATE: 12/15/09

Complied with Garmin Software Service Bulletin 0848B, dated 3/20/09, by updating Main software to version 3.30 and GPS/WAAS software to version 3.2 in Garmin GNS 530W GPS/WAAS/Nav/Comm, p/n 011-01060-00, s/n 23802097. Operational check normal. Placed GNS 400W/500W Series SW v3.00, 3.20, and 3.30 Upgrade Supplements in aircraft.

I certify that this Airframe is airworthy only with respect to the work performed.



Cecil Wells

Cecil Wells for CRS V56R854K

W/O # 09-3012

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Corvallis Aero Service

N6403J

5695 SW Airport Place

TACH: 3,663.66

HOBBS:

Corvallis, OR 97333

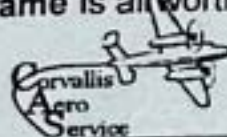
DATE: 1/22/10

Troubleshoot report that Stormscope displays false strikes. Eliminated other electrical equipment in aircraft as noise sources. Inspected Stormscope wiring. No fault found. Cleaned Stormscope connectors. Retested system. Operational check normal.

Complied with Garmin Software Service Bulletin 0918A, by updating Main software to version 3.30 in Garmin GNS 530W GPS/WAAS/Nav/Comm, p/n 011-01064-00, s/n 23802097. Operational check normal. Placed a copy of the GNS 400W/500W Series SW v3.30 Upgrade Supplement, p/n 190-00356-34, into the existing GNS 430W Pilot's Guide. Replaced the existing 500 Series AFMS with AFMS p/n 190-00356-34, Rev. B.

Complied with Garmin Mandatory Service Bulletin 0820, dated 6/24/08, by updating Terrain Database in Garmin GNS 530W GPS/WAAS/Nav/Comm, p/n 011-01064-00, s/n 23802097, to version 08T2. Operational check normal.

I certify that this **Airframe** is airworthy only with respect to the work performed.



Cecil Wells

W/O # 10-3063

Cecil Wells for CRS V56R854K

Corvallis Aero Service

N6403J

5695 SW Airport Place

TACH: 3717.8

HOBBS: N/A

Corvallis, OR 97333

DATE: 7/19/10

Ramp-tested. Found system was slow to acquire satellites. Checked antenna coaxial cable connections. No fault found. Removed Garmin GA 35 GPS Antenna, p/n 013-00235-00 (AeroAntenna Technology p/n AT575-93GW-TNCF-00-RG-27-NM), s/n 22821. Found antenna had been cemented to skin with RTV, making removal time-consuming. Installed new GA 35, s/n 61941. Operational check normal.

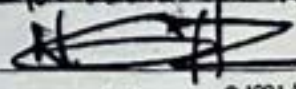
I certify that this **Airframe** is airworthy only with respect to the work performed.



Cecil Wells

W/O # 10-3388

Cecil Wells for CRS V56R854K

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/25/10	3723.37		3723.37	Annual airframe inspection completed this date. ELT checked O.K. IAW FAR 91.201d. & battery due replacement 12/10. Replaced LH stabilizer attach bolt & nut w/new, # NAS 1104-17 / NAS C79A4. Cleaned battery box & opened drain line. Cleaned & lubed flap & aileron attach points. Checked AIDs through this date & compliance list updated. c/w AD 70-07-12 try ignition off test O.K. AD 2010-15-10 control column inspection due 8/2011 or 3823 tach. AD 72-08-06 due ix at 3763 tach. AD 95-20-13 oil cooler hoses due at 4347 tach or 3/2013. I certify that this airframe has been inspected IAW an annual inspection & was determined to be in airworthy condition.  AP31066531A.

DATE 2010 18	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-31-10	TachTime	3741.9		Installed fabricated brake lines on both main tires. Bled brakes. Installed stabilator trim tab bushings P/N 65258-005. C/W AD 2010-15-10 yoke tapered pin hole. C/W AD 72-08-06 landing gear torque link, next due in 500 hours. OK for return to service. Stur-Lann 2852222 A/P
12-10-10	TachTime	3751.0		Installed new ELT battery PN# BP-1010 + tested, good.
	Feb 2013			Removed standard tail beacon + fairing + replaced with PMA Knots2u Strobe Fairing PN# 28BCNIII + Whelan LED Beacon PN# 01-0790520-01 Model # 9052051. Tested good.
				Signed Owner #329737 Stur-Lann A/P 2852222

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-27-10	Tach 3755.0			Balanced propeller to .03TBS. Nolan AP 2852222
3-15-11	Tach Time 3766.0			Replaced right start quad seal. Serviced start. OK to return to service. Nolan AP 2852222
3-27-11	3767.0			Replaced + lubed Fuel Primer O-rings with PN'S MS 29513-012 J. J. Jones #3289737
5-20-11	3796.7			Installed wheel LED landing light per STC 3A02212AK, dated June 18 th 2010 instructions. NO weight change. Form 337 Filed. Nolan AP 2852222

June 23, 2011

N6403J Airframe Log

Tach: 3805.7Hrs

Replaced alternator positive field brush with new. Function test satisfactory.

Erik B. Peterson AP3026125 Erik B. Peterson

DATE 2011 #	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/24/11	3818.2			Rotated Main Tires + cleaned/lubed LH+RH Main bearings. JHlder Owner #3289737

VAL AVIONICS LTD.
503-370-9429

N6403J
Tach: 3846.9

Date: 9/1/2011
TTAF: 3846.9

Performed an Annual inspection using the Piper service manual and FAR 43 appendix (d) as a guide. Complied with FAR 91.207 paragraph (d) ELT inspection and found it to operate normally (battery expires Feb 2013). Complied with AD 76-07-12R1 (effective date 8/30/77) Bendix switch by paragraph 1. (a)(b)(c)(d), due again in 100 hours. Complied with AD 96-09-10 (effective date 7/15/96) by replacement of oil pump gears with P/N 05K19423-S. AD 70-18-05 not due until 4241.9, torque link inspection. AD 95-26-13 not due until 4347.0 or Mar 2013, oil cooler hoses. Replaced elevator trim barrel upper bushing with new P/N 452-413. This aircraft has been inspected in accordance with an Annual inspection and was determined to be airworthy.

Hugo Villasenor 2827622 IA

9/25/11	3855.4			Sanded paint off seams on belly, cleaned + prepped with Alumaprep + Alodine, repainted with Zinc Chromate primer + paint. JHlder Owner #3289737

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Corvallis Aero Service
N6403J

TACH:

5695 SW Airport Place
HOBBS: 3872.3

Corvallis, OR 97333
DATE: 12/1/11

Tested pitot/static system per 14CFR43, Appendix E. This system complied with the requirements of 14CFR91.411 for non-pressurized aircraft.

Tested and inspected transponder system, as required by FAR 91.413, and found system to be in compliance with FAR 43, Appendix F. Transponder is a Narco AT150, S/N 31083, mod-basic

I certify that this Airframe is airworthy only with respect to the work performed.

W/O # 11-4276



Rick Brisby
Rick brisby for CRS V56R854K

12/7/11 3873

Installed New Gill G-35 battery.
Jared Owner #3289737

DATE

19

FliteWing Inc.
503-559-6006

N6403J
Tach: 3944.9

Date: 10/2/2012
TTAF: 3944.9

Performed an Annual inspection using the Piper service manual and FAR 43 appendix (d) as a guide. Complied with FAR 91.207 paragraph (d) ELT inspection and found it to operate normally (battery expires Feb 2013). Complied with AD 76-07-12R1 (effective date 8/30/77) Bendix switch by paragraph 1. (a)(b)(c)(d), due again in 100 hours. AD 70-18-05 not due until 4241.9, torque link inspection. AD 95-26-13 not due until 4347.0 or Mar 2013, oil cooler hoses. Complied with AD 2010-15-10 (effective date 8/31/10) by inspection of control wheels and found them to be assembled correctly. Complied with AD 76-07-12R1 Bendix switch inspection, due again in 100 hours. Replaced Brackett air filter element with new BA-3. This aircraft has been inspected in accordance with an Annual inspection and was determined to be airworthy.

Mike Ward 573944410 IA

MD Ward

3-9-2013 3944.9 TACH

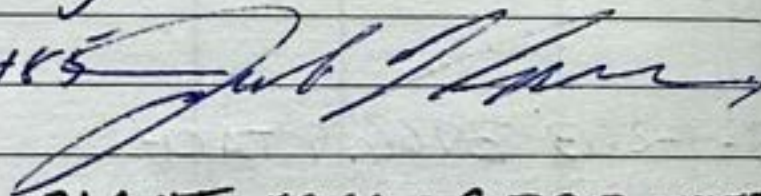
R&R ELT BATTERY (PN#BP-1010)
AND TESTED, GOOD, DUE REPLACEMENT
JAN 2015.

Remove Reg owner #

3-15-13 3970.32 TACH

COMPLIED WITH AD 95-26-13
R&R OIL COOLER HOSES AND INSTALLED
PN 124F001-8CR-0210 AND 1-124F001-8CR-0320
REPLACED CABIN HEAT SCAL.
RAN AND TEST FOR LEAKS, OK

CVT L AHP 3632090

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT -	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/15/13	3970			Inspected compliance with AD-95-24-13 by install of new flexible hoses on oil cooler part numbers 124F001-8CR 0210 & 0320 found satisfactory and returned service JA 2642485 
4-20-13	3174.73			R&R LEFT AND RIGHT MAIN GEAR TIRES INSTALLED NEW GOODYEAR FLIGHT SPECIAL II 6.00-6. INFLATED TO 32 PSI. RE- PACK WHEEL BEARINGS. CMTM A&R 3632090 Dennis Ropp owner 3515740

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>Date: <u>11/10/2013</u> Total Time: <u>4016</u> : Tach Time: <u>4016</u> TSMOH: _____ I certify that this <u>Acft</u> has been inspected in accordance with a (an) <u>Annual</u> inspection and was determined to be in an Airworthy Condition.</p> <p> Jack Kasper, A. & S. 17465 Albany, OR</p>

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR 97333

N6403J

TACH: 4026.86

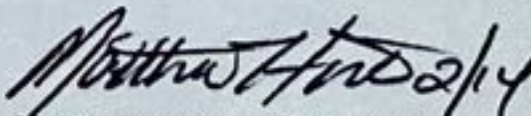
HOBBS: N/A

DATE: 2/14/14

Tested and inspected transponder system, as required by FAR 91.413, and found system to be in compliance with FAR 43, Appendix F. Transponder is a Narco AT 150, S/N 31083.

I certify that this Airframe is airworthy with respect to the work performed.




Matt Hunt for CRS V56R854K

W/O # 14-5508

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	01 Dec			<p>01 December 2014 N6403J TACH: 4067.24 Hrs. 100 Hr. Inspection Owner Assisted as a guide Performed a 100 Hr. Inspection in accordance with Piper Service Manual and FAR 4312.1b as a guide. Changed oil and filter; cleaned, gapped and tested spark plugs; serviced air filter container; serviced battery and cleaned battery box; lubricated and checked all flight control surfaces; checked all aircraft lighting-interior and exterior; checked exhaust system for integrity-no leaks noted; removed wheel pants and checked tires, wheels and brakes; removed, inspected and tested ELT in accordance with FAR 91.207....ELT battery must be changed before January 31, 2015. I certify that this aircraft has been inspected and found to be in airworthy condition.</p>
				<p>I certify that this <u>aircraft</u> has been inspected in accordance with <u>100 Hour</u> inspection requirements and was determined to be in Airworthy Condition. Jay F. Sluiter A&P 3236306, Albany, OR (541) 905-4391 <u>Jay F. Sluiter</u> <u>12/01/2014</u></p>

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

Corvallis Aero Service 5695 SW Airport Place Corvallis, OR 97333

N6403J	TACH: 4084.9	HOBBS:	DATE: 4/15/15
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Removed Narco AT150, S/N 31083 and tested and inspected transponder IAW FAR 91.413 and found transponder to comply with FAR 43, appendix F. Retained antenna and coax. Installed Garmin GTX 327 mounting tray in space vacated by AT 150 removal. Completed mounting of the GTX 327 in right instrument panel. Interfaced unit to existing altitude encoder and antenna system. Garmin GTX 327 transponder, P/N 011-00490-00, S/N 83707333 was installed and tested IAW Garmin GTX327 install manual # 190-00187-02, Rev. Q, dated 3/1/2012. Weight and balance for this alteration was negligible. Tested and inspected transponder system, as required by FAR 91.413, and found system to be in compliance with FAR 43, Appendix F. Tested and inspected altimeter/static system and altitude reporting equipment, as required by FAR 91.411, and found systems to be in compliance with FAR 43 Appendix E and F.

I certify that this **Aircraft** is airworthy with respect to the work performed.

W/O # 15-6059



Matt Hunt
Matt Hunt for CRS V56R854K

DATE

19 _____

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

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

ALTIMETER CORRECTION CHART

Altimeter Reading	Add to Reading		Altimeter Reading	Add to Reading	
	# 1	# 2		# 1	# 2
-1,000	0		14,000	+75	
0	0		16,000	+70	
500	0		18,000	+70	
1,000	-10		20,000	+60	
1,500	-15		22,000		
2,000	-10		25,000		
3,000	-10		30,000		
4,000	0		35,000		
6,000	+15		40,000		
8,000	+25		45,000		
10,000	+40		50,000		
12,000	+60				

AIRCRAFT: N6403J

DATE: 4/14/15

DATE

19

Date: 12/10/15

Aircraft # 6403J

Serial # 28-4819

Tach: 4116.66

Total Time: 4116.66

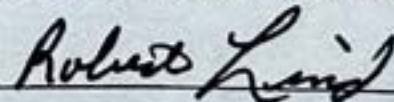
SMOH:

and Alterations(Indicate Number of
or specific entries.)

ANNUAL INSPECTION PERFORMED THIS DATE. C/W AD95-26-13 BY INSPECTION PER SPECIAL AIRWORTHINESS BULLETIN ACE-96-01 NO FURTHER ACTION. C/W AD 2013-02-13 BY INSPECTION AND REPLACEMENT OF LOWER AFT AND FORWARD LEFT STABILATOR CABLES AND TURN BUCKLE BARREL. C/W AD 76-07-12 BY OP'S CHECK. REPLACED ALL BRAKE PADS. REPACKED WHEEL BEARINGS. SENT RIGHT HAND FUEL SENDING UNIT TO AIRPARTS OF LOCK HAVEN FOR OVERHAUL. INSPECTED STANDBY VAC. SYSTEM PER PARAGRAPH 3.3.1. (ANNUAL INSPECTION) AND PARAGRAPH 3.3.3 (BIENNIAL INSPECTION) PER SVS V INSPECTION GUIDE.

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

SIGNED:



Certification: A&P 2806195 IA

Infinite Air Center – Albany Municipal Airport

525 Aviation Way SE, Albany, OR. 97322

PH: 541.730.3345 | Web: www.InfiniteAirCenter.com

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: Jan 03, 2017

Aircraft # 6403J

Serial # 28-4819

Tach: 4171.97

Total Time: 4171.97

SMOH:

Annual Inspection performed this Date.

Complied with AD 76-07-12 by Ops Check. Calibrated Right Fuel Quantity Sender.

Complied with FAR 91.207(d) ELT Inspection and test with No Discrepancies Noted at this time. FAR 91.207(d) next recurs January 2018.

I Certify that this Aircraft has been Inspected in Accordance with an Annual Inspection and was Determined to be in Airworthy Condition.

SIGNED:

Robert Lind

Certification: A&P 2806195 IA

Infinite Air Center – Albany Municipal Airport

525 Aviation Way SE, Albany, OR. 97322

PH: 541.730.3345 | Web: www.InfiniteAirCenter.com

2-28-17 4179.20 TACH

R&R ELT BATTERY (BP-1010) AND
TESTED, DUE REPLACE 3-2019

AP# 3652090

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Professional Air 63132 Powell Butte Hwy. Bend, Oregon 97701 (541) 388-0019
 Model: PA-28-180 S/N: 28-4819 Date: 4/14/2017
 W/O: 17-47113
 N6403J
 Tach: 4185.66
 Complied with requirements of § 91.411 and § 91.413 - Altimeter, Static System and Transponder checks.
 Altimeter, Static System and Automatic Pressure Altitude Reporting Equipment have been tested to 20,000 ft. in accordance with
 requirements of Title 14 CFR § 91.411 and have been found to comply with Title 14 CFR Part 43, Appendix E & F.
 Transponder, P/N 011-00490-00, S/N 83707333, tested in accordance with requirements of Title 14 CFR § 91.413 and has been found
 to comply with Title 14 CFR Part 43, Appendix F.
 Performed VOR check as required by 14 CFR 91.717 and found both Nav indicators to comply with 14 CFR 91.171(a)(2), no further defects
 noted.

For FAA CRS# H6MR663L

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

Date: Sep 27, 2017	Aircraft # 6403J	Serial # 28-4819
Tach: 4210.48	Total Time:	SMOH:

Cleaned corrosion under battery and treated skin with Zinc Phosphate Primer.
 Disassembled, cleaned, lubed fuel selector valve then reassembled and reinstalled.
 Removed belly strobe: Weight and Balance negligible. Replaced left hand stabilator bearing. Replaced right hand outer and center trim tab hinges.

Returned to Service

SIGNED: Robert Lind

Certification: A&P 2806195 IA

Infinite Air Center – Albany Municipal Airport

PH: 541.730.3345 | Web: www.InfiniteAirCenter.com

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/20/17	4211.57			<div style="text-align: right;">65199.000</div> R&R ALTERNATOR SUPPORT BRACKET P/N 462444 R&R SKYTECH STARTER 149NL PER INSTALLATION INSTANT 10N S.. R&R AILERON CARRY THRU CABLE PULLY AND BUSHINGS. R&R CO-PILOT RH TIE BULB ATTACH BUSHING. <i>[Signature]</i> A&P 3632092 <i>[Signature]</i>

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER:
16758

GARMIN[▲] Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

DATE: 12/6/2017
A/C TSN: 4211.57
TACH: 4211.57

Airframe Entries

(4) An application for Special Airworthiness, Experimental was requested this date. Verified applicable Airworthiness Directives complied with through B/W 2017-24 11/13/2017 - 11/26/2017

DATE: 12/6/2017

SIGNED:

[Signature]
WigtonB
Certified Repair Station No. 9GTR079B

Work Order: 16758

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DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1 of 3

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER:
16757

GARMIN

Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

DATE: 12/11/2017
A/C TSN: 4211.57
TACH: 4211.57

Airframe Entries

- (3) Rewired RH NAV light with 20AWG shielded twisted pair IAW AC43.13-1B Chapter 11
- (4) Removed the following components:
Garmin GI 106A #1 CDI s/n G07-11352
Sigma Tek Attitude Gyro 5000B-36 s/n 788967N
Jet/AIM Directional Gyro 5050001931 s/n 22638

Installed the following IAW Garmin G5 STC SA01818WI Master Drawing List - G5 Electronic Flight Instrument Part 23 AML STC MDL 005-01112-01 Rev 10 dated 11/3/ 2017:
FAA-PMA Garmin G5 p/n 011-03809-00 s/n 4JQ011002 (Attitude Indicator)@ FS 67.75
Garmin Back-up Battery p/n 011-03893-00 s/n DK08EL06D00TI dated 02/10/17
FAA-PMA Garmin G5 p/n 011-03809-00 s/n 4JQ010315 (HSI) @ FS 67.75
Garmin Back-up Battery p/n 011-03893-00 s/n DK08EL06D000E dated 02/10/17
FAA-PMA Garmin GMU 11 p/n 011-04349-01 s/n 56J003757 @ FS 92.0 (RH Wing Tip)
FAA-PMA GAD 29 p/n 011-03236-01 s/n 366001859@ FS 80.75 (RH Wing Root behind interior panel)

Weight change to instrument panel was a removal of 7.38 lbs and install of 1.66 lbs equaling a net change of -5.72 lbs.

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

2 of 3

Leak tested static system per 14 CFR 23.1325 with no faults noted and tested above G5 Altimeter system per 14 CFR 91.411 IAW 14 CFR 43 appdx E.

G5 12 Month Battery Capacity Tests due DEC 2018

(5) Performed Garmin STC SA01933LA-D SB1618 Rev A (Main v5.30) and SB1315 Rev A (GPS v5.00) on GNS530W p/n 011-01064-00 s/n 23802097.

(6) Replaced worn bearings and shims with new on AFT trim barrel, re-wrapped barrel and re-rigged stabilator trim, replaced worn aft trim cable pulleys with new IAW Piper MM 753-586 Section V

(7) Replaced seized stabilator and stabilator trim cable pulleys and bearings with new pulleys p/n 62711-03 and bearings p/n 62715-02 in spar center section area IAW Section V Piper Cherokee Service Manual 753-586 Rev PRO080131 dated Jan 31, 2008

(8) Weighed aircraft at unusable fuel IAW Piper PA-29-180 s/n 28-4819, N6403J Airplane Flight Manual dated Aug 12, 1964, with the following results in pounds:

New Empty Weight: 1462

New EW Center of Gravity: 86.6

New EW Moment: 126,606.68

New EW Useful Load: 938

Weight and Balance\Equipment List Revision added to AFM

3 of 3

I certify the article identified above has been inspected and determined to be airworthy with respect to the work performed.

DATE: 12/11/2017

SIGNED:

WigtonB

Certified Repair Station No. 9GTR079B

Digitally signed by Ben Wigton
DN: cn=Ben Wigton, o=Garmin AT, Inc,
ou=CRS 9GTR079B,
email=ben.wigton@garmin.com, c=US
Location: Garmin AT, Inc CRS 9GTR079B
Date: 2017.12.11 14:32:32 -0800

Work Order: 16757

Printed by EBis 3 (datcomedia.com)

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

Piper Aircraft Corporation, PA28-180, S/N 28-4819, N6403J, A/C TT 4211.57

I find that the aircraft meets the requirements for the certification requested and have issued a Multipurpose Special Airworthiness Certificate, dated 12 Dec 2017. Expires 12 Apr 2018. The initial purpose is R&D. The next inspection is due 31 Jan 2018.

Thomas Gray
ODA-240087-CE (Inspection UM)

Date: 12 Dec 2017

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER:
16888

GARMIN Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

DATE: 1/23/2018
A/C TSN: 4238.02
TACH: 4238.02

Airframe Entries

(2) Complied with AD 2018-02-05 para (g) by compliance with Piper SB 1309 dated Oct 10, 2017 Part I and IV: Fuel selector placards are in the proper locations and are in good condition. No further action required.

DATE: 1/23/2018

SIGNED:

WigtonB
Certified Repair Station No. 9GTR079B

Digitally signed by Ben Wigton
DN: cn=Ben Wigton, o=Garmin AT, Inc,
ou=CRS 9GTR079B,
email=ben.wigton@garmin.com, c=US
Location: Garmin AT, Inc CRS 9GTR079B
Date: 2018.01.23 12:50:35 -0800

Work Order: 16888

Printed by EBis 3 (datcomedia.com)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: Jan 30, 2018 Aircraft # 6403J Serial # 28-4819

Tach: 4238.02 Total Time: 4238.02 SMOH:

Condition Inspection performed this Date.

I Certify that this Aircraft has been Inspected in accordance with the scope and detail of 14 CFR Part 43 Appendix D and was found to be in a condition for safe operation.

SIGNED: Robert Lind Robert Lind Certification: A&P 2806195 IA

Infinite Air Center – Albany Municipal Airport
PH: 541.730.3345 | Web: www.InfiniteAirCenter.com

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER:
16921

GARMIN Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

DATE: 2/9/2018
A/C TSN: 4239.59
TACH: 4239.59

rs and Alterations

Certificate Number of
other specific entries.)

Airframe Entries

(2) Adjusted Rudder, Aileron, Stabilator cables to 35 lbs and Stabilator trim cable to 13 lbs (low end of limits) IAW Piper Cherokee Service Manual p/n 753-586 Rev PRO80131 dated Jan 31, 2008 Section 5 table V-I and V-II

I certify the article identified above has been inspected and determined to be airworthy with respect to the work performed.

DATE: 2/9/2018

SIGNED

WigtonB
Certified Repair Station No. 9GTR079B

Digitally signed by Ben Wigton
DN: cn=Ben Wigton, o=Garmin AT, Inc,
ou=CRS 9GTR079B,
email=ben.wigton@garmin.com, c=US
Location: Garmin AT, Inc CRS 9GTR079B
Date: 2018.02.09 08:50:43 -0800

Work Order: 16921

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER:
16929

GARMIN Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

DATE: 2/27/2018
A/C TSN: 4249.11
TACH: 4249.11

Airframe Entries

(2) Adjusted Rudder, Aileron, Stabilator, and Stabilator trim cables to mid-range IAW Piper Cherokee Service Manual p/n 753-586 Rev PRO80131 dated Jan 31, 2008 Section 5 table V-I and V-II
(3) Adjusted aileron stops to make contact simultaneously in each wing IAW PA28-180 MM 753-586 Rev PRO80131 dated January 31, 2008 section V.

I certify the article identified above has been inspected and determined to be airworthy with respect to the work performed.

DATE: 2/27/2018

SIGNED

WigtonB
Certified Repair Station No. 9GTR079B

Digitally signed by Ben Wigton
DN: cn=Ben Wigton, o=Garmin AT, Inc,
ou=CRS 9GTR079B,
email=ben.wigton@garmin.com, c=US
Location: Garmin AT, Inc CRS 9GTR079B
Date: 2018.02.27 10:26:42 -0800

Work Order: 16929

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER: 16965

GARMIN Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

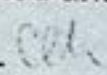
DATE: 3/5/2018
A/C TSN: 4257.36
TACH: 4257.36

Airframe Entries

- 2 Adjusted KMA 28 audio output IAW Bendix/King KMA 28 installation and operation manual P/N 006-10565-0000 revision 0 dated September 2000 section 2.6.

I certify the article identified above has been inspected and determined to be airworthy with respect to the work performed.

DATE: 3/5/2018

SIGNED: 

NeumanC
Certified Repair Station No. 9GTR079B

Chris Neuman
cn=Chris Neuman, o=GarminAT, ou=9GTR079B,
email=chris.neuman@garmin.com, c=US
2018.03.16 16:15:55 -0700

Work Order: 16965

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER:
16970

GARMIN Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

DATE: 3/19/2018
A/C TSN: 4257.36
TACH: 4257.36

Airframe Entries

- (2) Moved aircraft from the purpose of Experimental Show Compliance into Experimental Research and Development. Verified all applicable AD's are complied with through Small Aircraft B/W 2018-6 3/5/2018 - 3/18/2018. Aircraft has been determined to be in a condition for safe operation and is in an appropriate configuration for this purpose.

DATE: 3/19/2018

SIGNED: 

WigtonB
Certified Repair Station No. 9GTR079B

Digitally signed by Ben Wigton
DN: cn=Ben Wigton, o=Garmin AT, Inc,
ou=CRS 9GTR079B,
email=ben.wigton@garmin.com, c=US
Location: Garmin AT, Inc CRS 9GTR079B
Date: 2018.03.19 16:40:06 -0700

Work Order: 16970

Printed by EBis 3 (datcomedia.com)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER:
16970

GARMIN[▲] Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

1 OF 3

DATE: 3/19/2018
A/C TSN: 4257.36
TACH: 4257.36

Airframe Entries

(3) Autopilot Installation

1. The following S-TEC System 50 components were found removed including associated brackets, cabling, and wiring:

- Sys 50 Computer p/n 0131-1-0 s/n 1220
- Transducer p/n 0111 s/n 4865A
- GPSS Switch/Annun p/n 03975 s/n 0727-5552
- GPSS Computer p/n 03976 s/n 0731-9929E/A
- Roll Servo p/n 0105-R9 s/n 6518A
- Pitch Servo p/n 0107-P4 s/n 5622A
- Trim Servo p/n 0105-T6 s/n 1027

2. The following was installed IAW STC SA01866WI MDL 005-01264-00 Rev 4 dated 3/16/18.
Reference Garmin GFC 500 STC Manual 190-02291-00 Rev 4 dated 3/19/2018 and GFC Install
Manual Addendum Piper PA-28 Series 190-02291-05 Rev 4 dated 3/14/2018:

- OTTO M8805/110-5111 AP Disconnect Switch
- OTTO M8805/110-5111 Go Around Switch
- Cygnet FAA/PMA Trim Switch p/n CA3112-G
- Garmin FAA PMA 28 p/n 011-02927-11 (Pitch)

DATE

RECORDING
TACHTODAYS
FLIGHTTOTAL
TIME IN**Description of Inspections, Tests, Repairs and Alterations**Entries must be endorsed with Name, Rating and Certificate Number of
(For use by other specific entries)

19

2 of 3

- Garmin FAA PMA GSA 28 p/n 011-02927-11 (Roll)
- Garmin FAA PMA GSA 28 p/n 011-02927-11 (P Trim)
- Garmin FAA PMA GMC 507 p/n 011-04548-01
- Garmin Bridal Cable Clamps p/n 117-00929-10 (Trim)
- Garmin Bridal Cable 233-20070-10 (Trim)
- Garmin Bridal Cable Clamps p/n 117-00930-10 (Pitch and Roll)
- Garmin Bridal Cables 233-20069-10 (Pitch and Roll)
- Garmin Pitch Servo Bracket p/n 115-02840-10
- Garmin Roll Servo Bracket p/n 115-02841-10
- Garmin Trim Servo Bracket p/n 115-02842-10
- Garmin Trim Cable p/n 233-00253-00
- Garmin Trim Capstan p/n 011-01198-10
- Garmin Pitch Trim Cable Guard p/n 115-02899-10

3. See FAA 337 dated 19 MAR 2018 and attached ICA's from GFC 500 Autopilot with Envelope Stability and Protection Part 23 AML STC Maintenance Manual 190-02291-01 Rev 2 dated 3/13/18
4. Inserted Airplane Flight Manual Supplement, GFC 500 Autopilot with ESP Installed in Piper PA-28-180 / 160 / 150 and Piper PA-28-181 / 161 / 151 190-02291-07 Rev 1 into AFM.

3 of 3

I certify the article identified above has been inspected and determined to be airworthy with respect to the work performed.

DATE: 3/19/2018

SIGNED:

WigtonB
Certified Repair Station No. 9GTR079B

Digitally signed by Ben Wigton
DN: cn=Ben Wigton, o=Garmin AT, Inc,
ou=CRS 9GTR079B,
email=ben.wigton@garmin.com, c=US
Location: Garmin AT, Inc CRS 9GTR079B
Date: 2018.03.19 16:37:48 -0700

Work Order: 16970

Printed by EBis 3 (datamedia.com)

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

Date: Oct 23, 2018

Aircraft # 6403J

Serial # 28-4819

Tach: 4281.25

Total Time: 4281.25

SMOH:

Removed Engine O-360-A4A S/N: L-12454-36A. Installed Overhauled Engine O-360-A4A S/N: L-25538-36AC

SIGNED:

Craig T. Ulrich

NAME:

CRAIG T. ULRICH

CERT:

A4P 3632090

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER: 17295

GARMIN Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302

DATE: 11/20/2018
A/C TSN: 4293.46
TACH: 4293.46

Airframe Entries

- 2 Complied with Garmin SB 1871 Rev A dated 10/29/2018: Removed existing GFC 500 roll and pitch servo cables P/N 233-20069-00 and installed new pitch servo cable P/N 233-20062-00 and roll servo cable P/N 233-20089-00 IAW GFC 500 Install Manual Addendum Piper PA-28 Series, P/N 190-02291-05 Rev. 7 dated 08/17/2018
- 3 Complied with Garmin STC SB 1864 Rev A dated 9/28/18: increased servo cable clamp hardware torque.

I certify the article identified above has been inspected and determined to be airworthy with respect to the work performed.

DATE: 11/20/2018

SIGNED:

NeumanC
Certified Repair Station No. 9GTR079B

Chris Neuman
cn=Chris Neuman, o=GarminAT, ou=9GTR079B,
email=chris.neuman@garmin.com, c=US
2018.11.20 15:34:50 -08'00'

Work Order: 17295

Printed by EBis 3 (datamedia.com)

DATE

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

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

MAKE: Piper
MODEL: PA 28-180
S/N: 28-4819
REG. NO: N6403J
WORK ORDER:
16970GARMIN[▲] Repair Station No. 9GTR079B
2345 Turner Rd SE
Salem, OR 97302DATE: 3/19/2018
A/C TSN: 4257.36
TACH: 4257.36

Airframe Entries

(4) An application for Special Airworthiness, Standard was requested this date. Verified applicable Airworthiness Directives complied with through Small Aircraft B/W 2018-6 3/5/2018 – 3/18/2018

DATE: 3/19/2018

SIGNED:

WigtonB
Certified Repair Station No. 9GTR079BDigitally signed by Ben Wigton
DN: cn=Ben Wigton, o=Garmin AT, Inc,
ou=CRS 9GTR079B,
email=ben.wigton@garmin.com, c=US
Location: Garmin AT, Inc CRS 9GTR079B
Date: 2018.03.19 16:38:52 -0700

Work Order: 16970

Printed by EBis 3 (datcomedia.com)

Piper Aircraft Corporation, PA28-180, S/N 28-4819, N6403J, A/C TT **4257.95**

I find that the aircraft meets the requirements for reinstating the Standard Airworthiness Certificate, dated 4/02/1968, and I have reinstated it. The Annual Airworthiness Inspection is due immediately.

Thomas Gray
ODA-240087-CE (Inspection UM)

Date: 20 March 2018

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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19

Date: Apr 24, 2019

Aircraft # 6403J

Serial # 28-4819

Tach: 4316.45

Total Time: 4316.45

SMOH:

Annual Inspection performed this Date. Complied with AD 76-07-12 by OP's Check. Installed Skybeacon ADS-B Out. Complied with FAR 91.207(d) ELT inspection and tested. ELT Battery needs to be replaced. ELT Battery on order. FAR 91.207(d) next recurs April, 2020.

I Certify that this Aircraft has been Inspected in Accordance with an Annual Inspection and was Determined to be in Airworthy Condition.

SIGNED: Robert Lind

Robert Lind

Certification: A&P 2806195 IA

Infinite Air Center – Albany Municipal Airport | PH: 541.730.3345

DATE

19 _____

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

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

5/20/2022
A/C TSN:
CH: 4425.3**Annual Inspection-AIRFRAME**

Date: REG: N6403J TACH: 4359.12 TOTAL: 4359.1
6/9/2020 MOD: PA28-180 SN: 28-4819 SMOH: N/A

Complied with AD 76-12-07 by op's check.

I Certify that this AIRFRAME has been inspected in Accordance with and Annual Inspection and was determined to be in Airworthy Condition.

SIGNED: Robert Lind Robert Lind Cert: A&P 2806195 IA

FR

tions and
Order No.ler: 2356
dia.com)

C

ov 2021

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 6-17-2021

Hours: 4386.62

Tail: N6403J

Make: Piper

Model: PA28-180

Serial: 28-4819

Comments:

Total Time 4386.62

-Serviced tires, brake and battery -checked and lubed all engine and flight controls -
Greased landing gear -Checked and cleaned fuel strainer -Checked ELT per FAR
91.207(d) and battery due replacement July 2021 -C/W AD 76-07-12 Ignition Switch
by ops check per AD and will be due in 100hrs -C/W AD 20-24-05 Wing Spar by
inspection per instruction 1-10 of SB 1245a and will be due 6-2027

I certify that this Aircraft has been inspected in accordance with an Annual inspection
and determined to be in airworthy condition

Craig Millage A&P3456055IA



DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 04/09/2022 Airframe: N6403J

Make: Piper Model: PA28-180 S/N: 28-4819

Tach Time: 4408.43 Total Airframe Time: 4408.43 Hobbs: 0.0

Backed out the left and right fuel tanks about 4 inches for a prebuy visual corrosion inspection and reinstalled. The fuel tanks were not disconnected, and no defects were noted. Removed and reinstalled the left- and right-wing main spar inspection panels for a prebuy visual inspection, no defects were noted. Installed a new Hobbs meter wired it to the ignition switch. Weight and balance not required. All maintenance was performed IAW the manufacturer's maintenance manual and installation instructions. Aircraft is returned to service at this time.

Brian K. Deno, A&P, 3033885

D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696

Date: 04/16/2022 Airframe: N6403J

Make: Piper Model: PA28-180 S/N: 28-4819

Tach Time: 4408.43 Total Airframe Time: 4408.43 Hobbs: 0.0

Installed new **ELT** battery pack P/N BP-1010. Battery pack expires 04/2024. All maintenance performed IAW MERL Inc. installation instructions revised 3/20/2014. Aircraft returned to service.

Brian K. Deno, A&P, 3033885

D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696

LOG ENTRY TYPE:	Airframe Log Entry
AIRCRAFT	
AIRCRAFT TYPE:	Piper PA-28-180
JOB NO:	10413
REGISTRATION:	N6403J
SERIAL NO:	28-4819

Airframe Tach: 4297.33 hours

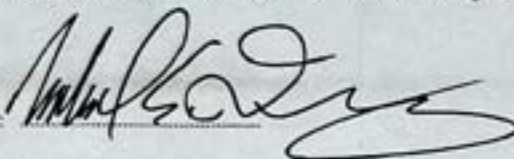
Jobs Title: Auto-Pilot Inop

- Completed a preliminary inspection. Defects noted, if any, will be listed as new items on this work order.
- Auto-Pilot Inop, MSG Servo Hardware fault. Troubleshoot to Pitch and roll servos. All three servos require replacement per Garmin service bulletin 2063 rev b. Autopilot disabled. Autopilot circuit breaker pulled and collared, placarded "Autopilot Inop". Per FAR 91.213(d)(3)(ii).
- Performed final inspection, no defects noted.

I certify this aircraft, article, or component was inspected and/or repaired in accordance with current Federal Aviation Regulations and is approved for return to service for the work described.

NAME: Mike Dixon

SIGNATURE:



DATE: 19 Oct 2021

For and on behalf of Precision Support Services, LLC. Certified Repair Station NKVR853G

- Replaced all three autopilot servos IAW Garmin Service Bulletin 2063 Rev. B. Autopilot INOP placard removed, circuit breaker collar removed and reset autopilot circuit breaker.
- Verify full autopilot operation and no Servo Hardware Fault MSG displayed
- Performed final inspection, no defects noted.

I certify this aircraft, article, or component was inspected and/or repaired in accordance with current Federal Aviation Regulations and is approved for return to service for the work described.

NAME: Mike Dixon

SIGNATURE:



DATE: 30 Nov 2021

For and on behalf of Precision Support Services, LLC. Certified Repair Station NKVR853G

MAKE: Piper
MODEL: Pa-24-180
S/N: 28-4819
REG. NO: 5403J
WORK ORDER: 2356

Baker Avionics

Repair Station No. 71ER634D
PO Box 478
Merlin, OR 97532
Phone: 541-507-1007

DATE: 5/20/2022
A/C TSN:
TACH: 4425.3

Airframe Entries

(1) IFR Cert failed due to leak in static system. Unable to calibrate G5 altitude. See next item for VFR Cert... (2) Performed VFR transponder test required by FAR 91.413. Test was performed IAW FAR 43 Appendix F.

Maintenance Release

This aircraft and/or component(s) on 6403J was repaired and/or inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service for only the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 2356, Dated 5/20/2022.

DATE: 5/20/2022

SIGNED:

Cory Behl
Certified Repair Station No. 71ER634D

Work Order: 2356

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: Pa-24-180
S/N: 28-4819
REG. NO: 6403J
WORK ORDER: 2356

Baker Avionics

Repair Station No. 71ER634D
PO Box 478
Merlin, OR 97532
Phone: 541-507-1007

DATE: 6/9/2022
A/C TSN:
TACH: 4439.22

Airframe Entries

(3) Replaced crushed pitot and static lines at pitot/static mast in left wing, torqued pitot and static fittings at G5 ADI and HSI, and calibrated G5's IAW Procedure C in G5 Installation Manual PN: 190-01112-10 Rev 29 Dated Dec 2021.... (4) Performed altimeter and transponder test required by FAR 91.411 and 91.413. Test was performed IAW FAR 43 Appendix E & F. Altimeter was tested to 18,000 feet.

Maintenance Release

This aircraft and/or component(s) on 6403J was repaired and/or inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service for only the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 2356, Dated 6/9/2022.

DATE: 6/9/2022

SIGNED:

Cory Behl
Certified Repair Station No. 71ER634D

Work Order: 2356

Printed by EBis 3 (datcomedia.com)



PRECISION
SUPPORT SERVICES, LLC.

PAGE NO:

1

LOG BOOK ENTRY

LOG ENTRY TYPE:	Airframe Log Entry	Airframe Tech: 4399.08 hours
AIRCRAFT		Engine 1:
AIRCRAFT TYPE:	Piper PA-28-180	Engine 2:
JOB NO:	10477	Propeller 1:
REGISTRATION:	N6403J	Propeller 2:
SERIAL NO:	28-4819	

Jobs Title: AP Servo Replacement

- Completed a preliminary inspection. Defects noted, if any, will be listed as new items on this work order.
- Removed malfunctioning Garmin GSA 28 p/n 011-02927-11 s/n 5G9000102 roll servo, and replaced it with a new Garmin GSA 28 p/n 010-01068-11 s/n 5G9020560 in the same location. IAW Garmin GFC 500 STC SA01866W1 per Garmin GFC 500 auto pilot with electronic stability and protection Part 23 AML STC installation manual p/n 190-02291-00 rev.17, and Garmin GFC 500 install manual addendum Piper PA-28 dwg.# 190-02291-05 rev. 16.
- Removed malfunctioning Garmin GSA 28 p/n 011-02927-11 s/n 5G9000156 pitch servo, and replaced it with a new Garmin GSA 28 p/n 010-01068-11 s/n 5G9020583 in the same location. IAW Garmin GFC 500 STC SA01866W1 per Garmin GFC 500 auto pilot with electronic stability and protection Part 23 AML STC installation manual p/n 190-02291-00 rev.17, and Garmin GFC 500 install manual addendum Piper PA-28 dwg.# 190-02291-05 rev. 16.
- Removed malfunctioning Garmin GSA 28 p/n 011-02927-11 s/n 5G9000278 pitch trim servo, and replaced it with a new Garmin GSA 28 p/n 010-01068-11 s/n 5G9020602 in the same location. IAW Garmin GFC 500 STC SA01866W1 per Garmin GFC 500 auto pilot with electronic stability and protection Part 23 AML STC installation manual p/n 190-02291-00 rev.17, and Garmin GFC 500 install manual addendum Piper PA-28 dwg.# 190-02291-05 rev. 16.

NAME: Mike Dixon

SIGNATURE:

DATE: 30 Nov 2021

For and on behalf of Precision Support Services, LLC. Certified Repair Station NKVR853G

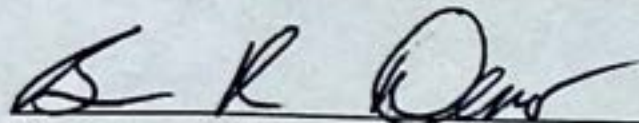
DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 06/29/2022 Airframe: N6403J Piper PA28-180 S/N: 28-4819

Tach Time: 4,462.02 TTAF: 4,462.02

Complied with the 100-hour inspection IAW the manufacturer's inspection checklist and 14CFR 43 Appendix D. Complied with AD review. Complied with AD 76-07-12 ignition switch: no defects noted: next due at 4562.02 hrs. Complied with FAR 91.207(d) ELT inspection and test, FAR 91.207(d) next recurs 06/23. ELT battery is due replacement 04/24. Removed, inspected, lubed, and reinstalled the NLG, RMLG, and LMLG wheel bearings. Repaired crack in the carb heat muff. Secured the door guide to the airframe. Replaced the left-wing fuel quantity transmitter unit, leak and op's check were good. Replaced the air filter. All maintenance was completed IAW the manufacturer's maintenance manuals. I certify that this aircraft has been inspected in accordance with a 100-hour inspection and has been found to be in an airworthy condition at this time.

Brian K. Deno, A&P, 3033885



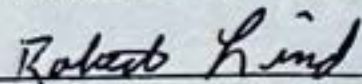
D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696

Date: 06/29/2022 Airframe: N6403J Piper PA28-180 S/N: 28-4819

Tach Time: 4,462.02 TTAF: 4,462.02

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

Robert Lind, A&P, 2806195 IA



D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 08/02/2022 Airframe: N6403J Make: Piper Model: PA28-180
S/N: 28-4819 Tach Time: 4493.81

Installed the pilot side microphone jack nut. All maintenance performed in accordance with the manufacturer's maintenance manual. Aircraft returned to service at this time.

Brian K. Deno, A&P, 3033885

D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696

FliteWing Inc.
3280 25th St. SE
Salem, OR. 97302
Tach: 4547.6

N6403J

Date: 9/8/2022
PO Box 13047
Salem, OR. 97309
TTAF: not available

Replaced the left main tire and tube. Packed the wheel bearings.

This aircraft and/or component identified above was repaired or inspected in accordance with current FAA regulations and is approved for return to service only for the work accomplished.

M Ward 573944410 IA

DA1

19.

FliteWing Inc.

3280 25th St. SE

Salem, OR. 97302

Tach: 4559.0

N6403J

Date: 9/21/2022

PO Box 13047

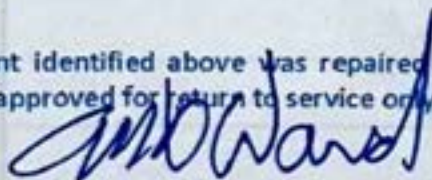
Salem, OR. 97309

TTAF: 4559.0

Performed an **Annual inspection** using the Piper service manual and FAR 43 appendix (d) as a guide. Complied with FAR 91.207 paragraph (d) **ELT inspection** and found to operate normally, **battery due April, 2024**. AD 2013-02-13 (effective date 3/11/13) SB 1245A control cable inspection, not due until 7021.1 or 6, 2029. Complied with AD 76-07-12R1 (effective date 8/30/77 Bendix switch inspection, due again in 100 hours. AD 2017-14-04 (effective date 8/15/17) is no longer applicable with the type D hoses installed. Complied with AD 2020-24-05 (effective date 12/28/20) due again in April 2027. Packed all wheel bearings. Replaced all fuel drains with new. Replaced the aft nav bulb. Replaced the seal in the left brake caliper and bled hydraulics. Replaced all brake pads. Replaced the aft muffler and both risers #3 and #4 with new. Replaced the right tire. Replaced the bracket air filter with a new BA-3. This aircraft has been inspected in accordance with an Annual inspection and was determined to be **airworthy**.

This aircraft and/or component identified above was repaired or inspected in accordance with current FAA regulations and is approved for return to service only for the work accomplished.

M Ward 573944410 IA

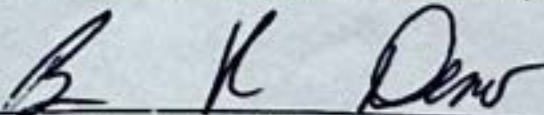


DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Date: 10/28/2022				
Airframe: N6403J Make: Piper Model: PA28-180				
S/N: 28-4819 Tach Time: 4637.83				
Replaced the missing hardware on the LMLG strut upper faring.				
Removed the left and right MLG wheel fairings and calculated new W&B				
Rigged rudder and adjusted rudder cable tensions. All maintenance				
performed in accordance with the manufacturer's maintenance manual.				
Aircraft returned to service at this time.				
Brian K. Deno, A&P, 3033885  D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696				

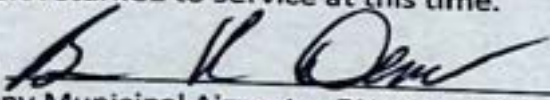
Date: 11/16/2022 Airframe: N6403J Piper PA28-180 S/N: 28-4819
Tach Time: 4,657.68 TTAF: 4,657.68

Complied with the 100-hour inspection IAW the manufacturer's inspection checklist and 14CFR 43 Appendix D. Complied with AD review. Complied with AD 76-07-12 ignition switch (effective date: 08/30/77): no defects noted: next due at 4757.68 hrs. ELT battery is due replacement 04/24. Removed, cleaned, inspected, lubed, and reinstalled the NLG, RMLG, and LMLG wheel bearings. Serviced all three landing gear tires to 24 psi. Installed yoke lock. Removed the NLG wheel fairing and complied with new Weight & Balance calculations. Replaced the left and right seats, seat back adjustment bolts. Repaired the left seat, seat back aft storage compartment/pocket. Reinstalled the interior door handle with a new retaining clip. Replaced the electric fuel pump with PMA Products, Inc. STC SA02410AT. The new electric fuel pump part number: CA35328-800E serial number: 12459. Secured upper cowl rub strip. Repaired the muff to heater inlet SCAT tube. Secured the pilot side left and right rudder pedal rubber pads. All maintenance was completed IAW the manufacturer's maintenance manuals. I certify that this aircraft has been inspected in accordance with a 100-hour inspection and has been found to be in an airworthy condition at this time.

Brian K. Deno, A&P, 3033885



D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>Date: 12/17/2022 Airframe: N6403J Make: Piper Model: PA28-180 S/N: 28-4819 Tach Time: 4710.58</p> <p>Repaired the internal door handle by replacing the spline shaft and door handle. All maintenance performed in accordance with the Piper maintenance manuals. Aircraft returned to service at this time.</p> <p>Brian K. Deno, A&P, 3033885  D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696</p>
				<p>FliteWing Inc. 3280 25th St. SE Salem, OR. 97302 Tach: 4644.2</p> <p style="text-align: center;">N6403J</p> <p>Date: 11/4/2022 PO Box 13047 Salem, OR. 97309 TTAF:</p> <p>Replaced and rigged the throttle an mixture cables with new MC455-333 and MC455-332.</p> <p>This aircraft and/or component identified above was repaired or inspected in accordance with current FAA regulations and is approved for return to service only for the work accomplished.</p> <p>M Ward 573944410 IA </p>

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 02/10/2023 Airframe: N6403J Piper PA28-180 S/N: 28-4819

Tach Time: 4,757.48 TTAF: 4,757.48

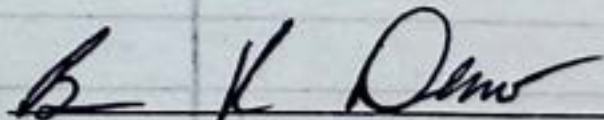
Complied with the 100-hour inspection IAW the manufacturer's inspection checklist and 14 CFR Part 43 Appendix D.

ELT due inspection September 2023 / ELT battery due replacement: April/2024. Complied with AD review as follows:

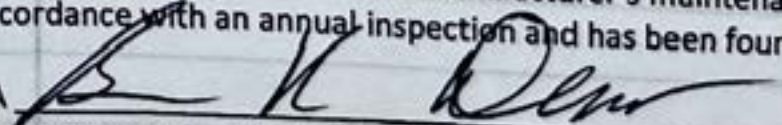
AD Number	Effective Date	Description	Action	Last C/W Date	Last C/W Tach Time	Next Due Date	Next Due Tach Time
72-08-06	4/14/72	MLG Torque Links (500 hrs.)	C/W by inspection	02/10/2023	4757.48	N/A	5257.48
76-07-12R1	8/30/77	Bendix Switch Insp (100 hrs.)	Replaced Bendix ignition switch with a new Continental ignition switch.	N/A	N/A	N/A	No longer required
2013-02-13	3/11/13	SB 1245A Control Cable Insp (7-yrs / 2000 hrs.)	C/W by inspection. Replaced upper aft cable.	02/10/2023	4757.48	02/2030	6757.48
2017-14-04	8/15/17	Type-D hoses (not applicable, type-D hoses are installed)	Info: No further action required	N/A	N/A	N/A	No longer required
2020-24-05	12/28/20	Main Wing Spar Corrosion Insp (7-yrs.)	Not currently due	9/21/2022	4559.00	09/2029	N/A

Installed Continental ignition switch: PN 10-357210-1, operational check was good. Replaced the upper aft stabilator control cable and complied with stabilator rigging, cable tensions, installed new turnbuckles and safety clips, and completed ground operational check. Installed new nose landing gear tire and tube, serviced to 24 psi. Serviced the LMLG and RMLG tires to 24 psi. Replaced the left-wing fuel tank fuel level transmitter, operational check was good. Inspected the NLG, LMLG, and RMLG wheel bearings. Tightened the baggage door lock. All maintenance was completed IAW the manufacturer's maintenance manuals. I certify that this aircraft has been inspected in accordance with a 100-hour inspection and has been found to be in an airworthy condition at this time.

Brian K. Deno, A&P, 3033885



D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)			
				Date: 05/16/2023 Airframe: N6403J Piper PA28-180 S/N: 28-4819 Tach Time: 4,855.07 TTAF: 4,855.07			
				Complied with the annual inspection IAW 14 CFR Part 43 Appendix D and the manufacturer's inspection checklist. ELT due inspection September 2023 / ELT battery due replacement: April/2024. Complied with AD review through this date.			
AD Number	Effective Date	Description	Action	Last C/W Date	Last C/W Tach Time	Next Due Date	Next Due Tach Time
72-08-06	4/14/72	MLG Torque Links (500 hrs.)	C/W by inspection	02/10/2023	4757.48	N/A	5257.48
2013-02-13	3/11/13	SB 1245A Control Cable Insp (7-yrs / 2000 hrs.)	C/W by inspection. Replaced upper aft cable and the upper and lower turnbuckles.	02/10/2023	4757.48	02/2030	6757.48
2020-24-05	12/28/20	Main Wing Spar Corrosion Insp (7-yrs.)	Not currently due	9/21/2022	4559.00	09/2029	N/A
Inspected and lubricated pulleys, hinges, and bell cranks. Inspected the electric fuel pump screen. Serviced all three tires. Replaced the stabilator trim barrel upper and lower bushings, complied with stabilator trim system rigging, cable tension inspection, and the in-flight operational checkout was good. Replaced the SCAT tube from muff to cabin heat box assembly. Replaced right baffle tie rod. Repaired ground wire to landing light. Replaced molding on LMLG faring panel. All maintenance was completed IAW the manufacturer's maintenance manuals. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in airworthy condition.							
Brian K. Deno, A&P, 3033885 IA							
D & B Aviation LLC -- Albany Municipal Airport -- PH: 541-990-2696							

DATE

19 _____

TOTAL
TIME IN
SERVICE**Reference of Major Repairs and Major Alterations To**

FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

Corvallis Aero Service

N6403J

5695 SW Airport Place

TACH: 4571.5

Corvallis, OR. 97333

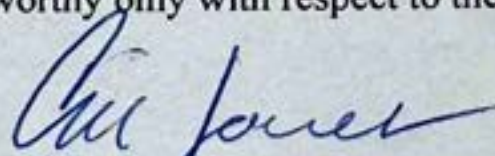
HOBBS: UNK

DATE: June 02, 2023


1. PERFORMED PRELIMINARY INSPECTION IN ACCORDANCE WITH CORVALLIS AERO SERVICE QUALITY CONTROL MANUAL. CUSTOMER REPORTS CAN BUS ERRORS.
2. TROUBLESHOT CAN BUS NETWORK IN ACCORDANCE WITH G5 INSTRUCTIONS FOR CONTINUED AIRWORTHINESS AND GARMIN TECHNICAL SUPPORT. REMOVED SEATS AND KICK PANEL TO GAIN ACCESS TO SERVOS AND GAD 29. CHECKED CAN BUS TERMINATORS SWAPPED G5 PLUGS CAN BUS OPERATION WORKS AND CHECKS GOOD.
3. INCORPORATED GARMIN SERVICE BULLETIN 22123A (G5 SOFTWARE 8.2) AND PERFORMED RETURN TO SERVICE PROCEDURE IN ACCORDANCE WITH SERVICE BULLETIN 22123A AND G5; GFC500 STC MAINTENANCE MANUAL.

I certify that this Aircraft and/or article(s) identified in this work order are airworthy only with respect to the work performed.

W/O: 23-1294



CORY JONES FOR CRS V56R854K

DATE 19____	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
	D & B Aviation LLC 525 Aviation Way Albany OR 97322 541-990-2696	Make: <u>Piper</u> Model: <u>PA-28-180</u> Tail: <u>N6403J</u> S/N: <u>28-4819</u>
	Hours: <u>TACH: 5053.69 / ATT: 5053.69</u>	
	<p>Complied with the annual inspection IAW 14 CFR Part 43 Appendix D using the Piper Cherokee Service Manual as a guide. Complied with FAR 91.207(d) ELT inspection next recurs 09/2024 / ELT battery due replacement: 04/2024. Complied with AD review through this date. AD 72-08-06 (EFFECTIVE DATE 4/14/72), MLG TORQUE LINKS, not due at this time; next due at 5257 hours. AD 2013-02-13 (EFFECTIVE DATE 3/11/13), SB 1245A CONTROL CABLE INSPECTION, not due at this time; next due 02/2030 or 6757 hours. AD 2020-24-05 (EFFECTIVE DATE 12/28/20) MAIN WING SPAR CORROSION, not due at this time; next due 09/2029. Removed and reinstalled the gascolator screen, electric fuel pump screen, carburetor inlet screen, and drained the carburetor float bowl for inspection. Leak checked mufflers and exhaust connections. Inspected and lubricated pulleys, hinges, and bell cranks. Removed, propeller and reinstalled the same propeller. Repaired the spinner forward bulkhead. Reversed the LMLG tire and serviced all three tires. Replaced the tail position light bulb. Replaced overhead dome light bulb. Replaced overhead instrument panel light (red). Serviced brake reservoir. Complied with maintenance ground run and leak checks. All maintenance was completed IAW the manufacturer's maintenance manuals. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in airworthy condition.</p>	
	Signed:  Name: <u>Brian Deno</u>	Cert: <u>A&P 3033885 IA</u> Date: <u>09/11/2023</u>

DATE

19

D & B Aviation LLC

525 Aviation Way
Albany OR 97322

541-990-2696

SERVICE

Make: Piper

Model: PA-28-180

Tail: N6403J

S/N: 28-4819

Approving Agency

Hours: Tach: 5111.76

Complied with FAR 91.207 (D) ELT inspection. ELT inspection next recurs 10/2024. ELT battery due replacement 4/2024. Replaced starter solenoid with new Sky-Tec 12V P/N STS-S12 in accordance with Lamar contactor installation instructions DWG no. ST80001 rev. F dated 11-14-2016. Installed new Continental ignition switch P/N 10-357210-1. All work completed in accordance with Piper Cherokee Service Manual. Operational check completed on ground maintenance run.

Signed:

Name: Brian Deno

Cert: A&P 3033885 IA

Date: 10/03/2023

D & B Aviation LLC
525 Aviation Way
Albany OR 97322
541-990-2696

Make: Piper

Model: PA-28-180

Tail: N6403J

S/N: 28-4819

Hours: TACH: 5151.73 / ATT: 5151.73

Complied with the annual inspection IAW 14 CFR Part 43 Appendix D using the Piper Cherokee Service Manual as a guide. FAR 91.207(d) ELT inspection next recurs 09/2024 / ELT battery due replacement: 04/2024. Complied with AD 72-08-06 (EFFECTIVE DATE 4/14/72), MLG TORQUE LINKS, not due at this time; next review through this date. AD 2013-02-13 (EFFECTIVE DATE 3/11/13), SB 1245A CONTROL CABLE INSPECTION, not due at this time; next due 02/2030 or 6757 hours. AD 2020-24-05 (EFFECTIVE DATE 12/28/20) MAIN WING SPAR CORROSION, not due at this time; next due 09/2029. Removed and reinstalled the gascolator screen, electric fuel pump screen, carburetor inlet screen, and drained the carburetor float bowl for inspection. Leak checked mufflers and exhaust connections. Replaced clamp at heater duct to airbox scat tube. Replaced carb heat shroud with new P/N 62981-06. Installed new Brackett air filter P/N BA-3. Installed screw in cockpit heater control lever. Repaired dome light ground wire. Tightened the pilot side comm jacks. Removed, serviced, charged, and reinstalled battery. Inspected and lubricated pulleys, hinges, and bell cranks. Removed, propeller and reinstalled the same propeller. Replaced the spinner forward bulkhead with a used serviceable part supplied by the customer P/N: 65804-00. Replaced left and right lower cowl pin bushings PN: 69790-00. Replaced the lower cowl left side rub strip. Replaced the LMLG tire, tube, and installed a new left brake rotor P/N 164-20, and brake linings P/N RA-66-105-1. Bled brakes and serviced brake reservoir. Conditioned brake rotor and linings on taxi. Shimmed cabin door guide. Serviced all three tires. Complied with maintenance ground run and leak checks. All maintenance was completed IAW the manufacturer's maintenance manuals. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in airworthy condition.

Signed:

Name: Brian Deno

Cert: A&P 3033885 IA

Date: 10/25/2023

**TOTAL
TIME IN
SERVICE**

Airworthiness Directives

Chronological Listing of Compliance and Method of Compliance

DATE

A.D.
NUMBERTOTAL
TIME IN
SERVICE**Airworthiness Directives**

Chronological Listing of Compliance and Method of Compliance

Avid Avionics LLC

WO#: 202401000

2890 25th St SE

Salem, OR 97302 , Phone: 971-332-9699

Date

TACH:

Aircraft Make, Model, S/N, Registration

1/12/2024

5238.3 (TTAF)

Piper PA-28-180, 28-4819, N6403J

Description:

1. Removed Garmin GSA 28 (P/N: 011-02927-11 S/N: 5G9020602) trim servo as per Garmin lifetime extension program. Installed Garmin GSA 28 (P/N: 010-N1068-21 S/N: 5G9018092) in same location as per IAW Garmin GFC 500 STC SA01866WI per Installation Manual – Part 23 AML STC, GFC 500 (190-02291-00), Revision 24, dated 2/2/2023 and GFC 500 Install Manual Addendum, Piper PA-28 Series (190-02291-05) Revision 16, Dated 5/1/2020.
2. Removed Garmin GSA 28 (P/N: 011-02927-11 S/N: 5G9020560) roll servo as per Garmin lifetime extension program. Installed Garmin GSA 28 (P/N: 011-02927-21 S/N: 5G9002190) in same location as per IAW Garmin GFC 500 STC SA01866WI per Installation Manual – Part 23 AML STC, GFC 500 (190-02291-00), Revision 24, dated 2/2/2023 and GFC 500 Install Manual Addendum, Piper PA-28 Series (190-02291-05) Revision 16, Dated 5/1/2020.
3. Removed Garmin GSA 28 (P/N: 011-02927-11 S/N: 5G9020583) pitch servo as per Garmin lifetime extension program. Installed Garmin GSA 28 (P/N: 010-N1068-21 S/N: 5G9002231) in same location as per IAW Garmin GFC 500 STC SA01866WI per Installation Manual – Part 23 AML STC, GFC 500 (190-02291-00), Revision 24, dated 2/2/2023 and GFC 500 Install Manual Addendum, Piper PA-28 Series (190-02291-05) Revision 16, Dated 5/1/2020.

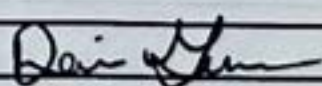
No change in weight and balance.

No change in electrical load.

Name:

Devin Gwyn

Signature:



Cert #:

3823811

FliteWing Inc.
3280 25th St. SE
Salem, OR. 97302
Tach: 5238.3

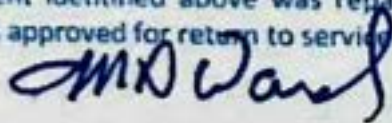
N6403J

Date: 1/23/2024
PO Box 13047
Salem, OR. 97309
TTAF: 5238.3

Performed an Annual inspection using the Piper service manual and FAR 43 appendix (d) as a guide. Replaced the ELT battery and complied with FAR 91.207 paragraph (d) ELT inspection and found to operate normally, battery due Feb. 2026. AD 2013-02-13 (effective date 3/11/13) SB 1245A control cable inspection, not due until 7021.1 or 6, 2029. Replaced the Bendix ignition switch and complied with AD 76-07-12R1 (effective date 8/30/77 Bendix switch inspection, due again in 100 hours. AD 2017-14-04 (effective date 8/15/17) is no longer applicable with the type D hoses installed. Complied with AD 2020-24-05 (effective date 12/28/20) due again in April 2027. Complied with AD 72-08-06 (effective date 4-14-72) by inspection of torque links using a 10 power glass, due again in 500 hours. Replaced the left pilots window with new. Removed the front OEM seat belts and installed BAS Inc. shoulder harness with inertia reels in accordance with BAS Inc. Report 1006, dated October 15, 2005. No weight change. Instructions for continued airworthiness are "on condition" only. Packed all wheel bearings. Replaced the bracket air filter with a new BA-3. This aircraft has been inspected in accordance with an Annual inspection and was determined to be airworthy.

This aircraft and/or component identified above was repaired or inspected in accordance with current FAA regulations and is approved for return to service only for the work accomplished.


M Ward 573944410 IA



DAVID Avionics LLC	Equipment Address	2890 25 th St SE
WO#: 202401000		Salem, OR 97302 , Phone: 971-332-9699
19 Date	TACH:	Aircraft Make, Model, S/N, Registration
1/12/2024	5238.3 (TTAF)	Piper PA-28-180, 28-4819, N6403J

Description:

1. Removed Garmin GSA 28 (P/N: 011-02927-11 S/N: 5G9020602) trim servo as per Garmin lifetime extension program. Installed Garmin GSA 28 (P/N: 010-N1068-21 S/N: 5G9018092) in same location as per IAW Garmin GFC 500 STC SA01866WI per Installation Manual – Part 23 AML STC, GFC 500 (190-02291-00), Revision 24, dated 2/2/2023 and GFC 500 Install Manual Addendum, Piper PA-28 Series (190-02291-05) Revision 16, Dated 5/1/2020.
 2. Removed Garmin GSA 28 (P/N: 011-02927-11 S/N: 5G9020560) roll servo as per Garmin lifetime extension program. Installed Garmin GSA 28 (P/N: 011-02927-21 S/N: 5G9002190) in same location as per IAW Garmin GFC 500 STC SA01866WI per Installation Manual – Part 23 AML STC, GFC 500 (190-02291-00), Revision 24, dated 2/2/2023 and GFC 500 Install Manual Addendum, Piper PA-28 Series (190-02291-05) Revision 16, Dated 5/1/2020.
 3. Removed Garmin GSA 28 (P/N: 011-02927-11 S/N: 5G9020583) pitch servo as per Garmin lifetime extension program. Installed Garmin GSA 28 (P/N: 010-N1068-21 S/N: 5G9002231) in same location as per IAW Garmin GFC 500 STC SA01866WI per Installation Manual – Part 23 AML STC, GFC 500 (190-02291-00), Revision 24, dated 2/2/2023 and GFC 500 Install Manual Addendum, Piper PA-28 Series (190-02291-05) Revision 16, Dated 5/1/2020.
- No change in weight and balance.
No change in electrical load.

Name: Devin Gwyn	Signature: 	Cert #: 3823811
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- ☐ Addition of Optional Equipment
- ☐ Removal of Optional Equipment
- ☐ Addition of Required—Exchanged for Optional
- ☐ Removal of Required—Exchanged for Optional