

# AIRCRAFT LOG



**ACR ELECTRONICS, Inc.**  
**Artex Products - CAGE Code 18560**  
**Fort Lauderdale, FL 33312**

LOG BOOK ENTRY \_\_\_\_\_

E.L.T. BATTERY

REPLACEMENT DATE

*JAN 2020*

# AIRCRAFT LOG

THE NEW  
PIPER AIRCRAFT, INC.

General Offices at  
Vero Beach, Florida  
U.S.A.

N4167A

Aircraft  
Registration number

Part No. 230715

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

PAINT TYPE: DUPONT IMRON 6000

AIRCRAFT DESCRIPTION

Registration No. N4167A

Model: PA-46-350P Popular Name: MALIBU MIRAGE

Serial No.: 4636254 Type Certificate No.: A25SD

Colors: <sup>L0242HL</sup> SUPER WHITE + <sup>L0404HL</sup> DK. PERSIMMON MET / <sup>L0216HL</sup> BLACK MET

Engine Manufacturer: LYCOMING Serial Numbers: Single L-10407-61A

Original Engine Model: TIO-540-AE2A Left \_\_\_\_\_

Right \_\_\_\_\_

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single ~~HK116A~~

Original Propeller Model: HC-13YR-1E Removed Left NM42B

HC-13Y1R-1N Right \_\_\_\_\_

Blade Numbers

Left
<del>391</del>
<del>397</del>
<del>395</del>

Right
<u>A 3862</u>
<u>A 3818</u>
<u>A 3856</u>

**2000 MODEL**

## COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
AD'S THRU	<u>2000-01</u> COMPLY	15.6	FEB 02 2000	DOA 50-1

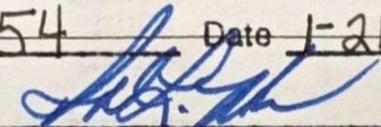
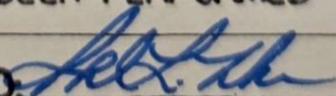
*[Handwritten Signature]*

**RICHARD L. MURDOCK**

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
FEB 02 2000	Brought Forward →	15.6	I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE	
			DATED <u>FEB 02 2000</u> , 1/A/W FAR 21,183(a) PER 21.273.  <u><i>Richard L. Murdock</i></u> FAA DOA SO-1 <b>RICHARD L. MURDOCK</b>	
			THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u>35,000</u> FT. ON ILL <u>11-1-99</u> (R) <u>10-06-99</u> SIGNED <u><i>Richard L. Murdock</i></u> DATE <u>FEB 02 2000</u> <b>RICHARD L. MURDOCK</b>	
			<div style="border: 1px solid black; padding: 5px; margin: 5px 0;">             The ELT is installed per FAR 91.207. Battery replacement date <u>1/2002</u>  <u><i>Richard L. Murdock</i></u>              D.O.A. No. SO-1              The New Piper Aircraft, Inc.  <b>RICHARD L. MURDOCK</b> </div>	
Total To Carry Forward		15.6		

Registration No. N4167A

and Remarks	Signature	Certificate No.
<p>The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F.</p> <p>ATC Transponder:</p> <ol style="list-style-type: none"><li>1. Make <u>GARMIN</u> Model <u>GTX-320</u> S/N <u>83500560</u></li><li>2. Make <u>GARMIN</u> Model <u>GTX-320</u> S/N <u>83501226</u></li></ol> <p>Details of this inspection are on file at this facility under S/N <u>4636254</u> Date <u>1-21-2000</u></p> <p>Q.A. Inspector <u></u></p> <p><b>THE NEW PIPER AIRCRAFT, INC.</b> <b>VERO BEACH, FLORIDA</b></p> <p><b>RICHARD L MURDOCK</b></p> <p><b>THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS</b></p> <p>DATE: <u>1-21-2000</u> SIGNED: <u></u></p> <p><b>RICHARD L. MURDOCK</b></p>		

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
FEB 02 2000	Brought Forward →	15.6		
<p><b>The stall system computer is adjusted at the factory. Component changes require that the computer settings be checked and adjusted per Piper Process Specification (PPS) 60089-2 The settings for this aircraft are:</b></p>				
	STALL WARNING		Tipgrams ± ½	TIP GRAMS ACTUAL SETTINGS
	POWER	FLAPS		
	OFF	Full Up 0°		<u>+ 2.4</u>
	OFF	10° - 20°		<u>+ .7</u>
	OFF	Full Down 36°		<u>- .4</u>
	ON	Full Up 0°		<u>+ 2.0</u>
	ON	10° - 20°		<u>+ .3</u>
	ON	Full Down 36°		<u>- .7</u>
Total To Carry Forward		15.6		

Registration No. N4167A

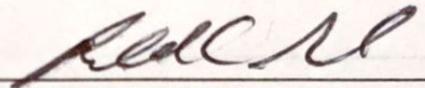
Signature

Certificate No.

**AIRFRAME** July 31, 2000 Hour Meter: 67.2 **N4167A**

Complied with Piper S.L. 1030. Removed and installed new fuel quantity transducers. Sealed and painted access panels as required. Calibrated fuel quantity system. Serial numbers on new transmitters: Right inboard-1312; Right outboard-1107; Left inboard-1243; Left outboard-1168. System operation check and leak check good after repairs.

For Aviation Sales, Inc.  
W. O. No. 12195

  
Ronald C. Gish, A & P 523046946

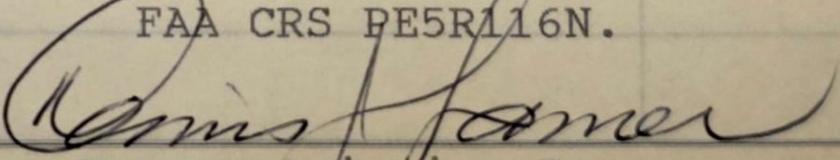
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LOGBOOK ENTRY Date 2-28-00

Piper model PA-46-350P reg #N4167A

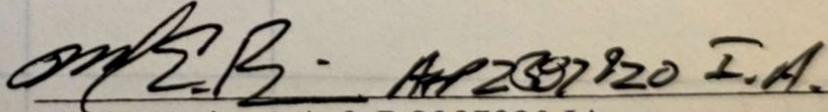
Installed BF Goodrich Skywatch Traffic Advisory System per 337 this date. WT & Bal and equip list amended. Refer to 337 this date for continued airworthiness instructions.

FAA CRS PE5R116N.

Signed   
For Denver Avionics Inc.

\* \* \* \* \*

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
<b>AIRFRAME</b> April 2, 2001	Hobbs: 89.5	Total Time: 89.5		<b>N4167A</b>
<p>Performed an Annual Inspection using Piper PA46-350P checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2001-06.</p> <p>Replaced aircraft battery with new. Installed Serial No. G01951765.</p> <p>Replaced both filters for vacuum system with new.</p> <p>Serviced brake reservoir with fluid.</p> <p>Adjusted aileron cable tension to manufacturer's specifications.</p> <p>Adjusted elevator trim cable tension to manufacturer's specifications.</p> <p>Secured aft seat as needed.</p> <p>Serviced gear pump reservoir to proper level.</p> <p>Complied with Piper S.B. 1041 by replacing central vacuum air filter.</p> <p>Defueled the aircraft. Sealed 3 fuel access panels on left wing. No leaks noted after aircraft was refueled. Painted access panels to match aircraft finish.</p> <p>Complied with Piper S.B. 1048, stainless steel control cable inspection and lubrication.</p> <p>Complied with Piper S.B. 1012, turbocharger inspection.</p> <p>I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p>				
To Cc	For Aviation Sales, Inc. W.O. Nos. 12529; 12554		 Mark E. Biron, A & P 2387920 IA	

Remarks

Signature

**AIRFRAME**

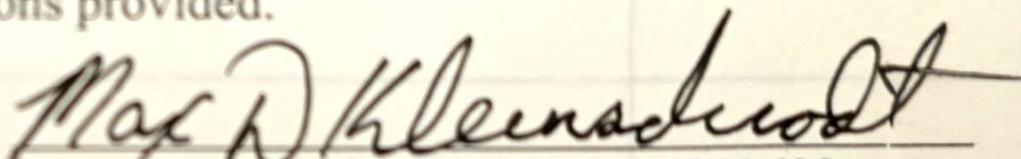
May 8, 2001 Hobbs: 92.9

**N4167A**

Installed new forward door spring motor and cable.

Complied with Piper S.B. 1054, inspection and modification of the pilot and copilot seat per instructions provided.

For Aviation Sales, Inc.  
W.O. No. 12589

  
Max D. Kleinschrodt, A&P 476802692

**AIRFRAME**

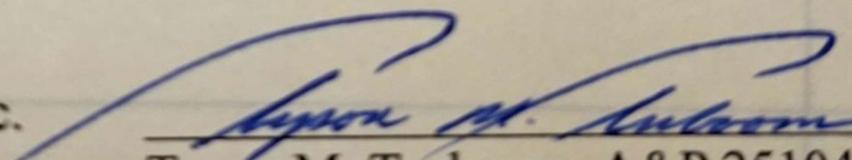
June 7, 2001 Hobbs: 92.9

**N4167A**

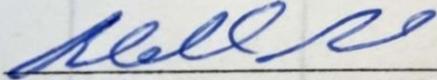
Complied with Piper S.B. 1062, flap bellcrank inspection per Service Bulletin instructions.

Complied with Piper S.B. 1060 by modification per service bulletin instructions.

For Aviation Sales, Inc.  
W.O. 12648

  
Tyson M. Teeboom, A&P 2510451

# AIRCRAFT LOG

Date	Aircraft Time	Recorder	N4167A	Maintenance
<b>AIRFRAME</b>	August 22, 2001	Hobbs: 93.6		
Complied with A.D. 2001-12-01 by visual insepction as per Piper S.B. 1062, flap bellcrank inspection.				
Complied with Piper S.B. 1066 by installation of door lock Kit No. 767-305. Operational check good. Touched up paint as needed.				
Complied with Piper S.B. 1067 by removing the entertainment console and installing Service Bulletin Kit 767-301. Operational check good.				
For Aviation Sales, Inc. W.O. No. 12798		 Ronald C. Gish, A & P 523046946		
<b>Total To Carry Forward</b>				

# ALTIMETER SCALE ERROR

CUSTOMER: Jim Cobb Properties, LLC Pilot's

N# 4167A DATE: 5-3-02

ALTIMETER TYPE: United 55014-S100 sn 4188

Test Point (FT)	Indicated (FT)	Test Point (FT)	Indicated (FT)	Test Point (FT)	Indicated (FT)
-1000	-1005	6000	5985	22000	21930
0	-10	8000	7985	25000	24925
500	490	10000	9920	30000	
1000	995	12000	12030	35000	
1500	1490	14000	13960	40000	
2000	2000	16000	15970	45000	
3000	3000	18000	18010	50000	
4000	3980	20000	19930		

5201 NORTH WALNUT  
MUNCIE, IN 47308

765.280.7141

Muncie  
Aviation  
Company

4000	3830	20000
3000	3650	18000
2000	3450	16000
1500	3250	14000
1000	3050	12000
500	2850	10000
0	2650	8000
-1000	2450	6000

9167A DATE: 5-3-02

ALTIMETER TYPE: *United 5934 PAD-3 S/N 408949*

Test Point (FT)	Indicated (FT)	Test Point (FT)	Indicated (FT)	Test Point (FT)	Indicated (FT)
-1000	-990	6000	5995	22000	21940
0	10	8000	7970	25000	24975
500	490	10000	9960	30000	
1000	990	12000	11930	35000	
1500	1490	14000	13940	40000	
2000	1995	16000	15950	45000	
3000	3005	18000	17960	50000	
4000	3990	20000	19950		

MAC  
WALNUT  
N 47308  
765-289-7141  
Muncie  
Aviation  
Company

...tions of the Federal Aviation Administration and found airworthy, and is approved for return  
 ...ce for work performed. Pertinent details of the repair are on file at the agency. **MAC**  
 Order No. C0471 Date 5-3-02 Signed Scott B. Picha Inspector for  
 ... AVIATION COMPANY C.R.S.#AJVR135C MUNCIE, IN 47303-9778 (765) 289-7141



5001 NORTH WALNUT  
MUNCIE, IN 47308

**Muncie  
Aviation  
Company**

765-289-7141

PER Jim Cobb

C0471 MODEL \_\_\_\_\_

S-TEC SER.# 1629A

0121-5

MENT YAW DAMP AND

S \_\_\_\_\_

BENCH TEST  REPAIR

FUNCTION TEST  OVERHAUL

OTHER \_\_\_\_\_

Aircraft and/or component identified above was repaired  
in accordance with Federal Aviation Regulation 43.161-1  
and was found airworthy for return to service. Pertinent  
details of the repair are on file at this agency under above  
Work Order No.

5-27-02  
MICHAEL R. BRADY  
FOR \_\_\_\_\_

FAA CERTIFIED REPAIR STATION  
AJVR/135C

**SERVICEABLE**

Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Pertinent details of the repair are on file at the agency. 

Work Order No. C0471 Date 5-3-02 Signed Scott S. Picha Inspector for

MUNCIE AVIATION COMPANY C.R.S.#AJVR135C MUNCIE, IN 47303-9778 (765) 289-7141

\*\*\*\*\* **MUNCIE AVIATION COMPANY C.R.S. # AJVR135C**

Removed 0121-5 Yaw Damper Amplifier and aligned as needed. Reinstalled unit and ramp checked operations - Good.

I certify that the altimeter / static system, transponder, and encoder have been tested as required by FAR 91.217, 91.411, and 91.413. Units were found to comply with the limits set in FAR 43, Appendices E & F and AC 43.6A to 25K ft. Aircraft Hobbs 137.7

Altimeter #1: Mfg United P/N 5501-S100 S/N 4188

Altimeter #2: Mfg United P/N 5934PAD-3 S/N 408949

Encoder #1: Mfg United Model 5502-S100 S/N 4188

Encoder #2: Mfg Switched #1 Model \_\_\_\_\_ S/N \_\_\_\_\_

Trans #1: Mfg Garmin Model GTX320-10 S/N 83500560

Trans #2: Mfg Garmin Model GTX320-10 S/N 83501226

Make Piper Mirage Ser. No. 4636254 Model PA-46-350P Reg. Mark N4167A

The aircraft / component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Pertinent details of the repair are on file at the agency. 

Work Order No. C0471 Date 5-3-02 Signed Scott B. Picha Inspector for

MUNCIE AVIATION COMPANY C.R.S.#AJVR135C MUNCIE, IN 47303-9778 (765) 289-7141

\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*



N4167A Date 5/3/2002 A/C 137.7 Hrs. TT

Annual inspection completed this date Ref. Piper Inspection Report #230-1085

C/W FAR91.207d ELT "G" switch check ok, Replaced ELT Battery P#452-0130, New Due date 5-2004

Replaced Lt Fwd Nav. Light bulb, Installed countersunk #10 Screw Rt side throttle quadrant,

C/W PSB1087 Emergency gear extension down spring replacement, resealed leaking wing fuel panels,

C/W PSB 1075 steering horn Mod. replaced rt outbd static wick, Lubed Lt speed brake

See AD List For Details

Ground check and run-up ok

ELT Battery Due **5-2004**

IFR Certification Due **5-2004**

C/W PSB1103 Engine mount Inspection Ok at this time

Due every 100 Hrs.

I certify that this Airframe has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make Piper Ser.No 4636254

Model PA46-350P Reg.Mark N4167A

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service Pertinent details of the repair are on file at the Agency Work Order No. S5193 Date 5/3/2002

Signed [Signature] Inspector for

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141



Registration No. \_\_\_\_\_

and Re

AIRFRAME March 28, 2003 Hobbs: 202.0

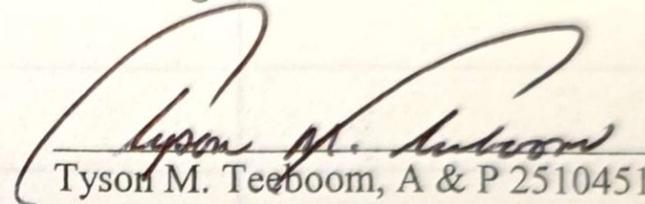
N4167

Installed a new aircraft battery, Serial No. G02050660. Operational check good.

Adjusted steering bellcrank roller clearance and alignment of nose wheel in accordance with the manufacturer's maintenance manual.

For Aviation Sales, Inc.

W.O. No. 13745

  
Tyson M. Teeboom, A & P 2510451

DATE: 03/06/2003

MAKE / MODEL: Piper PA46-350P

AIRCRAFT TACH TIME: 182.8

**SUN JET CENTER**



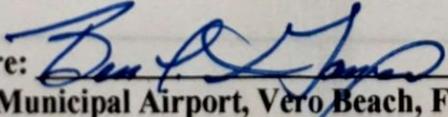
AIRCRAFT REG: N4167A

AIRCRAFT S/N: 4636254

**AIRCRAFT LOG ENTRY**

- Removed defective TIT probe and installed new probe P/N 686-205. This satisfies the 250 hour replacement requirement of **AD 99-15-04**. Next probe replacement due NLT 432.8 ACTT.
- Operational checks completed on the work described above and found to be satisfactory. All work accomplished I/A/W the Piper PA46-350P maintenance manual and is approved for return to service. END

**Maintenance Release:** This aircraft, airframe, engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with the applicable aircraft, engine, propeller, and / or appliance maintenance manuals and instructions. Pertinent details are on file at this repair station under work order 16489.

Authorized Signature:  Ben T. Games, Chief Inspector for **CRS# ECWR470D**  
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

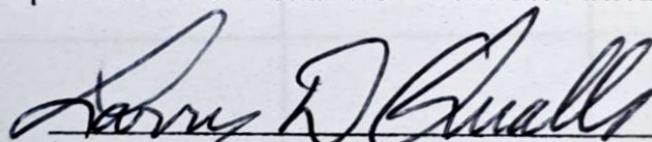
Date: 5/7/2003, Aircraft: N4167A, Hobbs: 216.6, ~~Tach~~: 216.6, Total Time: ~~0.0~~ AIRFRAME

Performed an Annual Inspection using Piper checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2003-08.

- Replaced copilot D.G. knob as needed.
- Replaced both left and right main tires with new items.
- Cleaned and adjusted connector on oil temperature probe as needed.
- Replaced left main brake pads with new items.
- Repaired wiring for emergency exit courtesy light. Operational check good.
- Replaced rivets on left and right lower wing to fuselage fairing as needed.
- Resealed right main gear strut and serviced per manufacturer's specifications. Leak check good.
- Repositioned battery vent line and secured.
- Replaced both left and right upper torque link bushings and bolts as needed.
- Rigged aileron controls and adjusted cable tensions in accordance with manufacturer's specifications.
- Replaced passenger seat #1 reading light lamp with new. Operational check good.
- Adjusted rudder cable tensions to manufacturer's specifications.
- Complied with Piper S.B. 1103A, engine mount inspection per service bulletin instructions. Next inspection due at 316.6 hours.

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

For Aviation Sales, Inc.  
W. O. 13814

  
Larry D. Qualls, A&P 2228865IA

N4167A

WO# CB-17

Piper Malibu

5/6/03

SN: PA46-350P 4636254

Repaired scratches on outer Right Windshield  
in accordance with approved repairs Ch 56 Manufacturer's  
maintenance manual.

The above described maintenance has been inspected and is approved  
For return to service. Pertinent details are on file at this repair station  
Under work order CB-17 dated 5/6/03.

Signature *Christal Becker* FAA Certified Repair Station  
Aviation Window Services VW6R328Y  
Suite 220  
2970 Wilderness Place  
Boulder, CO 80301

AIRFRAME      October 16, 2003      Hobbs: 292.7      N4167A

Complied with Piper S.B. 1139, control wheel attachment inspection, per  
service bulletin instructions.

Complied with Piper S.B. 1140, oxygen generator protective cap removal, per  
service bulletin instructions.

For Aviation Sales, Inc.  
W.O. 14038

*Max D. Kleinschrodt*  
Max D. Kleinschrodt, A&P476802692

N4167A

WO# CB-17

Piper Malibu

5/6/03

SN: PA46-350P 4636254

Repaired scratches on outer Right Windshield  
in accordance with approved repairs Ch 56 Manufacturer's  
maintenance manual.

The above described maintenance has been inspected and is approved  
For return to service. Pertinent details are on file at this repair station  
Under work order CB-17 dated 5/6/03.

Signature *Michael Becker* FAA Certified Repair Station

Aviation Window Services

VW6R328Y

Suite 220

2970 Wilderness Place

Boulder, CO 80301

**AIRFRAME**      October 16, 2003      Hobbs: 292.7

**N4167A**

Complied with Piper S.B. 1139, control wheel attachment inspection, per  
service bulletin instructions.

Complied with Piper S.B. 1140, oxygen generator protective cap removal, per  
service bulletin instructions.

For Aviation Sales, Inc.

W.O. 14038

*Max D. Kleinschrodt*

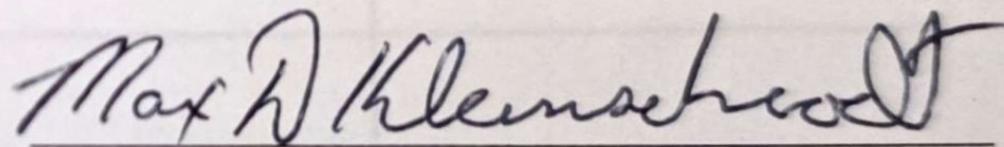
Max D. Kleinschrodt, A&P476802692

**AIRFRAME**      October 16, 2003      Hobbs: 292.7      **N4167A**

Complied with Piper S.B. 1139, control wheel attachment inspection, per service bulletin instructions.

Complied with Piper S.B. 1140, oxygen generator protective cap removal, per service bulletin instructions.

For Aviation Sales, Inc.  
W.O. 14038

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Max D. Kleinschrodt, A&P476802692

April 16, 2004 Piper PA 46-350P S/N 4636254 N4167A Hobbs: 351.0

Installed new Cleveland 40-77B nose wheel assembly. Installed left speed brake after repair and overhaul. Installed right speed brake after overhaul and repair. See attached FAA Form 8130-3 for details on speed brake repairs. Operational check performed satisfactorily.

*Michael A. Frank*

3 and in respect to that work, the items are approved for

21. Approval/Certificate No.: PQ0093NM

23. Date (m/d/y): 04/14/04

24399608

END

the airworthiness authority of the country specified in the airworthiness authority of the country specified in an installation certification issued in accordance with the

NSN: 0052-00-012-9

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

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

2.

3. Form Tracking Number:  
041404DWC

4. Organization Name and Address:  
Precise Flight, Inc., 63354 POWELL BUTTE ROAD, BEND OR 97701

5. Work Order/Contract/Invoice Number:  
50654

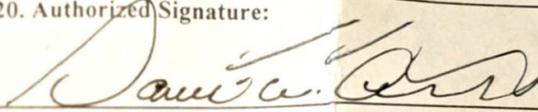
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	2000 SERIES SPEEDBRAKE 05114R/05115L	4038	PA-46-350P / PA-46-310P	2	980473 / 980460	REBUILT

13. Remarks:  
UNIT HAS BEEN DISASSEMBLED, CLEANED, INSPECTED, REPAIRED AS NECESSARY, REASSEMBLED, AND TESTED TO CURRENT SPECIFICATIONS.  
PARTS USED: (1) 04581 (1) 04582 (2) 04687 (2) 01356 (2) 02722 (2) 01314 (12") 01944 (24") 09077 (4) 06016 (4) 07036 (1) 01372

P/N 05114R / 05115L ARE COMPONENTS OF 4038 AS CALLED OUT ON THE PFI PMA SUPPLEMENT NO. 2

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

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

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No. PQ0093NM
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): DAVID CRAIG	23. Date (m/d/y): 04/14/04

### User/Installer Responsibilities

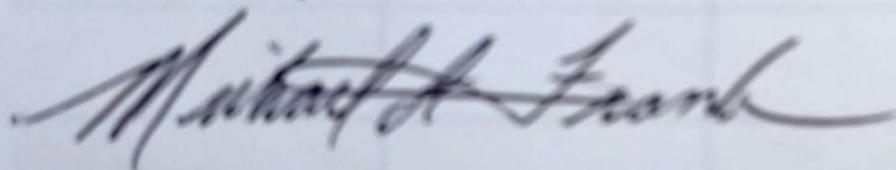
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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

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

April 16, 2004 Piper PA 46-350P S/N 4636254 N4167A Hobbs: 351.0

Installed new Cleveland 40-77B nose wheel assembly. Installed left speed brake after repair and overhaul. Installed right speed brake after overhaul and repair. See attached FAA Form 8130-3 for details on speed brake repairs. Operational check performed satisfactorily.



Michael A. Frank A&P 524399608

-----END-----

Registration No. \_\_\_\_\_

**AIRFRAME**    May 20, 2004    Hobbs: 353.4    Total Time: 353.4    **N4167A**    No.

Prop Total Time: 353.4

Performed an Annual Inspection using the Piper PA46-350P checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2004-09.

Removed and replaced ELT battery as needed. New expiration date: June, 2006. Operational check good.

Complied with 100 hour vacuum relief valve filter replacement.

Complied with Piper S.B. 1103B, engine mount inspection, per service bulletin instructions. Next inspection is due at 453.4

Complied with A.D. 2002-26-01, fuel injector lines by visual inspection per Lycoming S.B. 342. No discrepancies noted.

Complied with Piper S.B. 1139A, Part II, control wheel attachment, per service bulletin instructions.

Removed nose gear down spring and replaced with new part. Operational check good.

Cleaned de-ice control valves as needed.

Complied with pneumatic pressure manifold inspection. No discrepancies noted.

Removed forward cabin door cable and replaced with new part. Operational check good.

Removed right hand forward cabin light bulb and replaced with new part. Operational check good.

Removed nose gear door chafe tape and replaced with new.

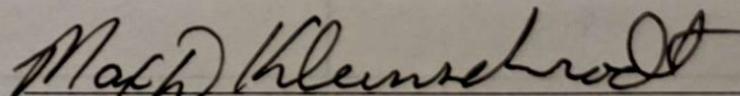
Removed pilot and copilot seat lock cables and replaced with new parts. Operational check good.

Removed left main gear actuator lower hose and replaced with new part. Leak check good.

Removed and installed new right brake linings as needed.

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

For Aviation Sales, Inc.  
W.O. 14292

  
Max D. Kleinschrodt, A&P 476802692 IA

Home

TI

uments

als

Freedom Avionics Company  
Jeffco Airport  
Broomfield, CO 80021

Freedom Avionics Company  
Jeffco Airport  
Broomfield, CO 80021

Maintenance

Static System Certifications

DATE 3/1/07  
MAKE W  
MODEL  
SERI

SCA  
AT  
X

088221X

Registration No. \_\_\_\_\_

NOTE: PLEASE SUBMIT YOUR "GILL" AIRCRAFT BATTERY THROUGH YOUR NEAREST "GILL" AUTHORIZED C

TELEDYNE BA

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

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:  
186001  
5. Work Order/Contract/Invoice Number:  
186001

4. Organization Name and Address:

**Pacific Southwest Instruments** FAACRS KD3R627L  
1721 Railroad St., Corona, CA 92880

6. Item:	7. Description:
1	SERVO ALTIMETER

8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
5501Y-S100 	N/A	1	4188	OVERHAULED

13. Remarks:  
Item 1 was manufactured by United.  
This unit was Overhauled in accordance with UI5501Y-S100  
For further details, please see Work Order No: 186001

**JAA Release to Service:** The work specified in block 12/13 except as otherwise specified was carried out in accordance with JAR 145 and in respect to that work the aircraft component is considered ready for release to service under **JAA Acceptance Certificate Number: JAA.4723**

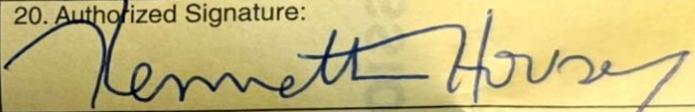
14. Certifies the items identified above were manufactured in conformity to:  
 Approved design data and are in condition for safe operation.  
 Non-approved design data specified in Block 3.

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

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

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:  


21. Approval/Certificate No.:

17. Name (Typed or Printed):

18. Date:

22. Name (Typed or Printed):  
**Kenneth Houser**

23. Date (m/d/y):  
**JUN - 3 2004**

## User/Installer Responsibilities

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

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

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

# Static System Certifications

CO-pilot

DATE 3 Jun 04

MAKE UNITED INST INC

MODEL 5934 PAD -3 A, 135

SERIAL NO. 408949

SCALE ERROR		
ALT. X 1000	ERROR	TOL. ( $\pm$ Ft.)
-1	0	20
0	-5	20
.5	0	20
1.0	-10	20
1.5	-5	25
2.0	-5	30
3.0	0	30
4.0	-15	35
6.0	-10	40
8.0	-40	60
10.0	-50	80
12.0	-65	90
14.0	-50	100
16.0	-45	110
18.0	-40	120
20.0	-30	130
22.0	-15	140
25.0	+10	155
30.0	+40	180
35.0	+130	205

DATE: 3 Jun 04

TEST BY: Robert Curran

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward			

Performed Altimeter, Encoder, Transponder and Static System Certifications as per attached form. N 4167A

The Altimeter and Static System tests required by FAA 91.411 have been performed. The Altimeter has been tested to 35,000 ft.

Signed [Signature]

Date: 3 Jun 04

FAA Approved Repair Station No. FDBR221K  
 Freedom Avionics Company  
 Jeffco Airport  
 Broomfield, CO 80021

ATC transponder tests & FAR 91.413 were performed to comply with FAR 43.

Make GARMIN M  
 S/N: 83500560  
83501226

Details on file under Work Order

Date 3 Jun 04 Signature  
 Freedom Avionics Company C  
 Jeffco Airport  
 Broomfield, CO 80021

CO-pilot

DATE 3 Jun 04

MAKE UNITED INST INC

MODEL 5934 PAD-3 A.135

SERIAL NO. 408949

SCALE ERROR		TOL.
ALT. X1000	ERROR	(.# Ft.)
-1	0	20
0	-5	20
.5	0	20
1.0	-10	20
1.5	-5	25
2.0	-5	30
3.0	0	30
4.0	-15	35
6.0	-10	40
8.0	-40	60
10.0	-50	80
12.0	-65	90

Prof Safety

20.0	-4
22.0	-30
25.0	-15
30.0	+10
35.0	+40
	+130

Transponder and Static  
162A

ATC transponder tests &  
FAR 91.413 were performed this date  
to comply with FAR 43, Appendix F.

Make Garmin Model GTX-320  
83500560  
S/N: 83501226

Details on file under Work Order No. 7 3091

Date 3 Jun 04 Signature [Signature]  
Freedom Avionics Company CRS No. FDBR221K  
Jeffco Airport  
Broomfield, CO 80021

The Altimeter and Static System  
tests required by FAA 91.411  
have been performed. The Altimeter  
has been tested to 35,000 ft

Signed [Signature]

Date: 3 Jun 04

FAA Approved Repair Station No.  
FDBR221K  
Freedom Avionics Company  
Jeffco Airport  
Broomfield, CO 80021

1. Approving national aviation authority/country

**TRANSPORT CANADA**

**2 AUTHORIZED RELEASE CERTIFICATE  
FORM ONE**

3. Form tracking No.

**16943**

4. Approved organization name and address

Ph: 1-888-388-8803

5. Work order/contract/invoice

Ph: 1-780-447-5955

SC-N/A

**SERVICEABLE**

Mfgr. Name Rajay Part No. 481008-0033

Part Name controller Serial CIN4834

The aircraft component identified above was completely overhauled in accordance with the manufacturer's specifications and with the current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under

Work Order No. 36843

Date 8-2-07 Signed Dan Main

(Signature of Authorized Individual)

**MAIN TURBO SYSTEMS, INC.**

**234 Cotta Ct • Visalia, CA 93292**

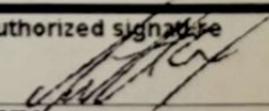
Phone (559) 635-3322 • Repair Station #MAMR190K • FAX (559) 627-1960

Scott Fox

07-Oct-09

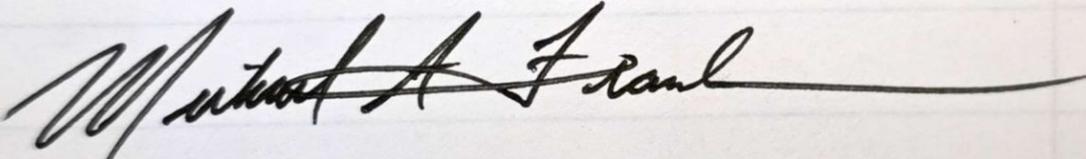
Installer must cross-check eligibility with approved data 1. This certificate does not constitute authority to install the part. 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1. 3. Statements 13a and 14a do not constitute installation certification. In all cases the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

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1. Approving national aviation authority/country <b>TRANSPORT CANADA</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form tracking No. <b>16943</b>	
		4. Approved organization name and address <b>ACORN WELDING LTD. 10916-119TH ST. NW EDMONTON, AB T5H 3P4</b>			5. Work order/contract/invoice Ph:1-888-388-8803 Ph:1-780-447-5955 Fax:1-780-447-5980 www.acornwelding.com SO:N/A PO:N/A	
6. Item	7. Description	8. Part Number	Eligibility <sup>a</sup>	9. Qty	10. Serial/ Batch #	11. Status/Work
1	Crossover L/H PA-46-350P/TIO-540	40B19850	/	1	IE613	OVERHAULED
12. Remark Welded as per AWS D17.1, refer to Work Order Summary.						
<b>EASA PART-145 Approved Repair Facility # EASA.145.7212</b>						
13a. Certifies that the items identified above were manufactured in conformity to:			14a.			
<input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non approved design data specified in block 12.			<input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12. Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with CAR 571			
13b. Authorized signature		13c. Certificate/Approval ref. No		14b. Authorized signature		14c. Certificate/Approval ref. No
						AMO 100-91 SCA-006
13d. Name		13e. Date (dd/mmm/yyyy)		14d. Name		14e. Date (dd/mmm/yyyy)
				Scott Fox		07-Oct-09

<sup>a</sup>Installer must cross-check eligibility with approved data 1. This certificate does not constitute authority to install the part. 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1. 3. Statements 13a and 14a do not constitute installation certification. In all cases the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
<p>Jan 13, 2005 Piper PA-46-350 N4167A S/N 4636254 HOBBS : 427.7</p> <p>Installed new drain valve, p/n 492-361, in right wing fuel sump. Removed nose wheel assembly. Disassembled, cleaned and inspected wheel assembly and wheel bearings. Installed new GoodYear Flight III 5.00 x 5- 6 ply tire and new tube. Repacked wheel bearings with AeroShell grease 5 and reinstalled assembly onto the aircraft.</p> <p></p> <p>Michael A. Frank A&amp;P 524399608</p> <p>-----END-----</p>		

1. Approving national aviation authority/country <b>TRANSPORT CANADA</b>		2. AUTHORIZED RELEASE CERTIFICATE <b>FORM ONE</b>		3. Form tracking No. <b>16943</b>	
4. Approved organization name and address <b>ACORN WELDING LTD. 10916-119TH ST. NW EDMONTON, AB T5H 3P4</b>		Ph: 1-888-388-8803 Ph: 1-780-447-5955 Fax: 1-780-447-5980 www.acornwelding.com		5. Work order/contract/invoice # <b>SO: N/A PO: N/A</b>	
6. Item	7. Description	8. Part Number	9. Eligibility	10. Qty	11. Status/Work
1	Crossover L/H PA-46-350P/TIO-540	40B19850		1	IE613 OVERHAULED
12. Remark Welded as per AWS D17.1, refer to Work Order Summary.					
13. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non approved design data specified in block 12.					
14. Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with CAR 571.10 Maintenance Release <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12.					
13b. Authorized signature		13c. Certificate/Approval ref. No.		14b. Authorized signature	
				14c. Certificate/Approval ref. No. <b>AMO 100-91 SCA-006</b>	
13d. Name		13e. Date (dd/mm/yyyy)		14d. Name	
				14e. Date (dd/mm/yyyy) <b>07-Oct-09</b>	

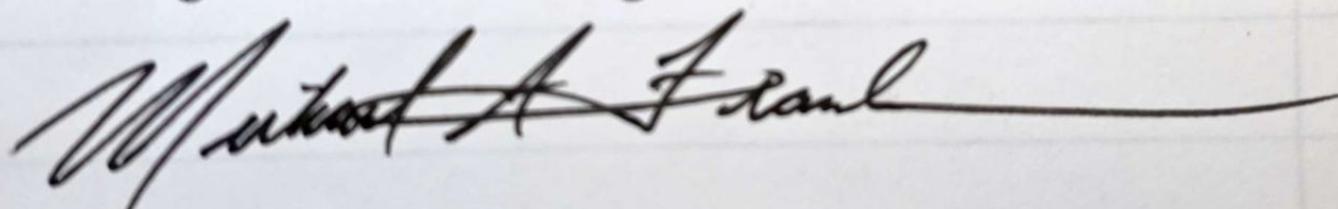
1. This certificate does not constitute authority to install the part. The aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

 10916-119 St. Edmonton, Alberta, Canada T5H-3P4 Ph: 1-780-447-5955 Fax: 1-780-447-5980 www.acornwelding.com parts@acornwelding.com	<b>Work Order Summary</b> Release Tag # <b>16943</b> Work Order Number# <b>IE613</b>		
	Part Number: 40B19850 Description: Crossover L/H PA-46-350P/TIO-540 Sales Order/Purchase Order <b>SO: N/A PO: N/A</b>		
<b>Replaced Items</b> <input type="checkbox"/> Divider <input type="checkbox"/> Heat Sink <input type="checkbox"/> Bolt Flange <input type="checkbox"/> Body <input type="checkbox"/> Gusset <input type="checkbox"/> Beaded End <input type="checkbox"/> Bail <input checked="" type="checkbox"/> Slip End <input type="checkbox"/> Inlet Section <input type="checkbox"/> Flange <input checked="" type="checkbox"/> Section <input type="checkbox"/> End Plate <input type="checkbox"/> Flapper <input type="checkbox"/> Spring <input type="checkbox"/> Flame Arrestor <input type="checkbox"/> Doubler <input checked="" type="checkbox"/> Fitting <input type="checkbox"/> Outlet Section <input type="checkbox"/> Shaft <input type="checkbox"/> Elbow <input type="checkbox"/> Riser Section <input type="checkbox"/> Bell Joint <input type="checkbox"/> Bellows <input type="checkbox"/> Shroud Ring <input type="checkbox"/> Ball Joint <input type="checkbox"/> Skin <input type="checkbox"/> Bush/Bearings <input type="checkbox"/> Ball Joint <input type="checkbox"/> Bracket <input type="checkbox"/> Fasteners <input type="checkbox"/> Other			<b>Work Completed:</b> <input checked="" type="checkbox"/> Cleaned/Inspected (AC 43.13) <input checked="" type="checkbox"/> Repaired (AC 43.13) <input type="checkbox"/> Leak Tested (Acorn LTP #1) <input checked="" type="checkbox"/> Welded (AWS D17.1) <input type="checkbox"/> Corrosion Protected (AC 43.13) <input type="checkbox"/> Heat Treat (AC 43.13) <input type="checkbox"/> Primed and Painted (AC 43.13) <input type="checkbox"/> Riveted (AC 43.13) <input type="checkbox"/> MPI (ASTM E-1444) <input type="checkbox"/> LPI (ASTM E-1417) <input type="checkbox"/> Resistance Welded (AWS D17.2) <input type="checkbox"/> Other:
Certifies that work indicated on this Work Order Summary was completed in accordance with the standards indicated. This is not a Airworthiness release but a summary for the work indicated in block 11 or tag # identified in the lower left corner of this summary.			
14b. Authorized signature		14c. Certificate/Approval ref. No.	
		<b>AMO 100-91 SCA-006</b>	
14d. Name		14e. Date (dd/mm/yyyy)	
Scott Fox		<b>07-Oct-09</b>	

1. This certificate does not constitute authority to install the part. The aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

Jan 13, 2005 Piper PA-46-350 N4167A S/N 4636254 HOBBS : 427.7

Installed new drain valve, p/n 492-361, in right wing fuel sump. Removed nose wheel assembly. Disassembled, cleaned and inspected wheel assembly and wheel bearings. Installed new GoodYear Flight III 5.00 x 5- 6 ply tire and new tube. Repacked wheel bearings with AeroShell grease 5 and reinstalled assembly onto the aircraft.

A handwritten signature in black ink, appearing to read "Michael A. Frank". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Michael A. Frank A&P 524399608

-----END-----

**AIRFRAME**

June 14, 2005

Hobbs: 485.7

Total Time: 485.7

**N4167A**

Prop Total Time: 485.7

Performed an Annual Inspection using the Piper PA46-350P checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2005-11.

Complied with Textron Lycoming A.D. 2002-26-01, fuel injector lines by visual inspection per Lycoming S.B. 342. No discrepancies noted.

Complied with A.D. 84-26-02, induction air filter replacement per the manufacturer's instructions.

Complied with A.D. 99-15-04 R1, T.I.T. probe replacement per paragraph (d)(2)(iii) of instructions. Next replacement due at 735.7 hours.

Complied with 100 hour vacuum relief valve filter replacement.

Complied with Piper S.B. 1048, stainless steel control cable lubrication per service bulletin instructions.

Complied with Piper S.B. 1103B, engine mount inspection, per service bulletin instructions. Next inspection is due at 585.7 hours.

Complied with the annual fire extinguisher contents check. No discrepancies noted.

Removed ELT for inspection per FAR 91.207 (d). Reinstalled ELT after inspection. Operational check good.

Complied with 5 year elevator trim tab push rod inspection and corrosion treatment. Replaced rod end bearings with new parts.

Removed and installed new left and right brake disc assemblies as needed.

Removed and installed new left and right brake linings as needed.

Removed and installed new left and right brake shims as needed.

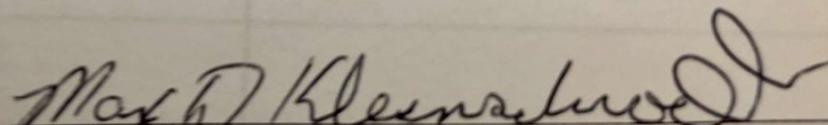
Removed nose wheel clevis pin and replaced with new part.

Removed nose wheel bearings and replaced with new parts.

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

For Aviation Sales, Inc.

W.O. 14652

  
Max D. Kleinschrodt, A&P 476802692 IA

1. Approving national aviation authority/country <b>TRANSPORT CANADA</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>	3. Form tracking No. <b>16949</b>
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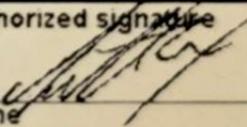
	4. Approved organization name and address <b>ACORN WELDING LTD. 10916-119TH ST. NW EDMONTON, AB T5H 3P4</b>	Ph: 1-888-388-8803 Ph: 1-780-447-5955 Fax: 1-780-447-5980 www.acornwelding.com	5. Work order/contract/invoice <b>SO: N/A PO: N/A</b>
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6. Item	7. Description	8. Part Number	Eligibility*	9. Qty	10. Serial/ Batch #	11. Status/Work
1	Crossover Inter. PA-46-350P/TIO-540	40B19974	/	1	IE614	REPAIRED

12. Remark  
Welded as per AWS D17.1, Refer to Work Order Summary.

**EASA PART-145 Approved Repair Facility # EASA.145.7212**

13a. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non approved design data specified in block 12.	14a. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12. Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with CAR 571
---	--

13b. Authorized signature	13c. Certificate/Approval ref. No	14b. Authorized signature	14c. Certificate/Approval ref. No
			AMO 100-91 SCA-006
13d. Name	13e. Date (dd/mmm/yyyy)	14d. Name	14e. Date (dd/mmm/yyyy)
		Scott Fox	07-Oct-09

\*Installer must cross-check eligibility with approved data 1. This certificate does not constitute authority to install the part. 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1. 3. Statements 13a and 14a do not constitute installation certification. In all cases the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

1. Approving national aviation authority/country <b>TRANSPORT CANADA</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form tracking No. <b>16949</b>	
4. Approved organization name and address  <b>ACORN WELDING LTD. 10916-119TH ST. NW EDMONTON, AB T5H 3P4</b>		Ph: 1-888-388-8803 Ph: 1-780-447-5955 Fax: 1-780-447-5980 www.acornwelding.com		5. Work order/contract/invoice # SO: N/A PO: N/A	
6. Item	7. Description	8. Part Number	9. Eligibility	10. Qty	11. Status/Work
1	Crossover Inter PA-46-350P/TIO-540	40B19974		1	IE614 REPAIRED
12. Remark Welded as per AWS D17.1. Refer to Work Order Summary.					
13. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non approved design data specified in block 12.					
14a. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12. Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with CAR 571.					
13b. Authorized signature		13c. Certificate Approval ref. No		14b. Authorized signature	
				14c. Certificate Approval ref. No AMO 100-91 SCA-006	
13d. Name		13e. Date (dd/mm/yyyy)		14d. Name	
				14e. Date (dd/mm/yyyy) 07-Oct-09	

\*Installer must cross-check eligibility with approved data 1. This certificate does not constitute authority to install the part. 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products of maintenance from the airworthiness authority specified in block 1. 3. Statements 13a and 14a do not constitute installation certification. In all cases the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

 10916-119 St Edmonton, Alberta, Canada T5H-3P4 Ph: 1-780-447-5955 Fax: 1-780-447-5980 www.acornwelding.com parts@acornwelding.com	<b>Work Order Summary</b> Part Number: 40B19974 Description: Crossover Inter PA-46-350P/TIO-540		Release Tag # <b>16949</b>	Work Order Number# <b>IE614</b>	
			Sales Order/Purchase Order SO: N/A PO: N/A		
<b>Replaced Items</b> <input type="checkbox"/> Divider <input type="checkbox"/> Body <input type="checkbox"/> Bail <input type="checkbox"/> Flange <input type="checkbox"/> Flapper <input type="checkbox"/> Doubler <input type="checkbox"/> Shaft <input type="checkbox"/> Bell Joint <input type="checkbox"/> Bail Joint <input type="checkbox"/> Other:		<input type="checkbox"/> Heat Sink <input type="checkbox"/> Gusset <input checked="" type="checkbox"/> Slip End <input type="checkbox"/> Section <input type="checkbox"/> Spring <input checked="" type="checkbox"/> Elbow <input type="checkbox"/> Skin <input type="checkbox"/> Bracket		<input type="checkbox"/> Bolt Flange <input type="checkbox"/> Beaded End <input type="checkbox"/> Inlet Section <input type="checkbox"/> End Plate <input type="checkbox"/> Flame Arrestor <input type="checkbox"/> Outlet Section <input type="checkbox"/> Riser Section <input type="checkbox"/> Shroud Ring <input type="checkbox"/> Bush/Bearings <input type="checkbox"/> Fasteners	
		<b>Work Completed:</b> <input checked="" type="checkbox"/> Cleaned/Inspected (AC 43.13) <input type="checkbox"/> Leak Tested (Acorn LTP #1) <input type="checkbox"/> Corrosion Protected (AC 43.13) <input type="checkbox"/> Primed and Painted (AC 43.13) <input type="checkbox"/> MPI (ASTM E-1444) <input type="checkbox"/> Resistance Welded (AWS D17.2) <input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Repaired (AC 43.13) <input checked="" type="checkbox"/> Welded (AWS D17.1) <input type="checkbox"/> Heat Treat (AC 43.13) <input type="checkbox"/> Riveted (AC 43.13) <input type="checkbox"/> LPI (ASTM E-1417)	
Certifies that work indicated on this Work Order Summary was completed in accordance with the standards indicated. This is not an airworthiness release but a summary for the work indicated in block 11 of tag # identified in the lower left corner of this summary.					
14b. Authorized signature		14c. Certificate Approval ref. No		14d. Name	
		AMO 100-91 SCA-006		14e. Date (dd/mm/yyyy) 07-Oct-09	
14d. Name		14e. Date (dd/mm/yyyy)			
Scott Fox					

1. This certificate does not constitute authority to install the part. The aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

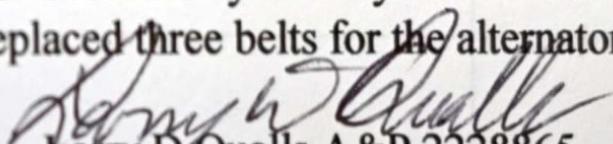
and

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 558.2  
Feb. 11, 2006

Removed propeller for overhaul and reinstalled same s/n after overhaul by Rocky Mountain Propeller see 8130-3 dated Feb 10-06, ran engine and operational checks were satisfactory. Removed lift detector for overhaul by Safe Flight see 8130-3 dated Feb 07-2006 reinstalled operational checks satisfactory. Removed right attitude indicator for overhaul by The Gyro House see 8130-3 dated Feb 1-06 operational checks satisfactory. Replaced three belts for the alternators and air conditioner pump.

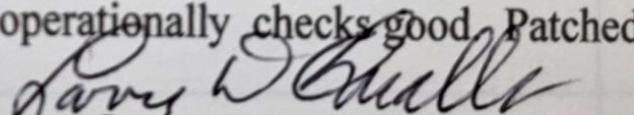
  
Larry D Qualls A&P 2228865

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 574.2  
March 10, 2006

Replaced terminal on windshield heat circuit breaker operationally checks good. Cleaned connector on oil temp probe and rescued operationally checks good. Patched de-ice boot conductive edge seal as needed on wing boots.

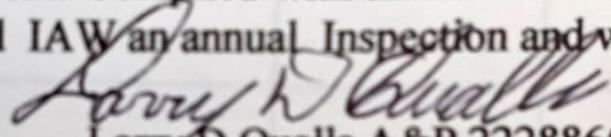
  
Larry D Qualls A&P 2228865

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 606.2  
June 16, 2006

Complied with an Annual Inspection using the Piper PA-46-350P checklist and FAR 43, Appendix D. Airworthiness Directives compliance checked through revision 2006-11. Removed and replaced ELT battery next due June 2008. Operational checked per FAR 91.207(d) no problems noted. Complied with Piper SB 1103, engine mount inspection, per service bulletin instructions. Complied with Piper SB 1087 Nose gear emergency extension spring replacement per instruction in SB. Replaced landing lamp operation checks good. Serviced landing gear hydraulic reservoir with fluid. Removed and replaced left and right main gear tires and tubes with new serviced per maintenance manual. Complied with AD 84-26-02 Induction air filter replacement. Complied with annual fire extinguisher content check. I certify that this Aircraft has been inspected IAW an annual inspection and was found to be in airworthy condition.

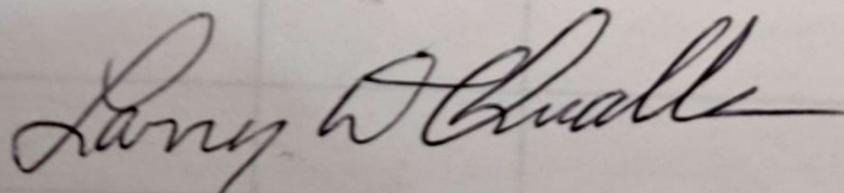
  
Larry D Qualls A&P 2228865IA

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 625.9  
Aug 10, 2006

Removed and replaced engine enhanced digital display with enhanced flight group J.P. Instruments modified EDM 700/800 monitor, per STC SA10220SC see FAA form 337 dated this date for details. AD 99-15-04 TIT probe replacement no longer apply to this aircraft so long as replacement TIT probe and indicator system is installed in accordance with the STC issued to Enhanced Flight Group. Functional and leak checks were satisfactory.

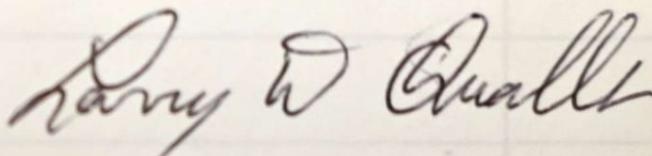
  
Larry D. Qualls A&P2228865

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 700.8  
Dec 22, 2006

Removed and replaced hydraulic power pack with new inspected unit P/N 86056-2-C S/N 769MA by Arizona Aircraft Accessoires see 8130-3 dated Sep 14, 2006 and overhauled nose gear door sequence valve P/N 83768-3 S/N 292 by Arizona Aircraft Accessoires see 8130-3 dated Nov 10, 2006 Serviced system with Mil-H-5606G red fluid. Functional and leak checks were satisfactory. Gear was cycled 10 times with 4 emergency extensions performed.



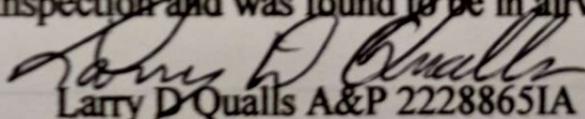
Larry D. Qualls A&P2228865

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 745.5  
June 21, 2007

Complied with an Annual Inspection using the Piper PA-46-350P checklist and FAR 43, Appendix D. Airworthiness Directives compliance checked through revision 2007-11. ELT battery next due June 2008. Operational checked per FAR 91.207(d) no problems noted. Complied with Piper SB 1103, engine mount inspection, per service bulletin instructions. Reinstall door lock placard on lower forward door. Serviced landing gear hydraulic reservoir with fluid. Complied with AD 84-26-02 Induction air filter replacement. Complied with annual fire extinguisher content check. I certify that this Aircraft has been inspected IAW an annual Inspection and was found to be in airworthy condition.



Larry D. Qualls A&P 2228865IA

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 770.4  
July 18, 2007

Adjusted landing gear up/ power reduced warning switch.

*Larry D Qualls*  
Larry D Qualls A&P 2228865

Maintenance

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

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

R9017627

4. Organization

United Instruments, Inc.  
3625 Comotara Ave.  
Wichita, KS 67226 (PT3305CE)

5. Work Order, Contract, or Invoice Number:

RW35086

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	SERVOED ALTIMETER C/N: S.100	5501Y-S100	N/A	1 EA	4188	REPAIRED

13. Remarks

APPROVAL FOR RETURN TO SERVICE

RW# 35086

CMM TM5500 EA (8-1-2004)

Work Performed: Replaced the motor assy. Tested and certified.

Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part 145 and with respect to that work the aircraft component is considered ready for release to service under EASA Part 145 Approval Certificate Reference Number: EASA.145.4982 and FAR Pt 145 Air Agency Certificate number PT2R095L.

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

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

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

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

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

21. Certificate Number:

PT 2R095L

17. Name (Typed or Printed):

18. Date (m/d/y):

22. Name (Typed or Printed):

23. Date (m/d/y):

Toshio Kawawa

SEP/20/2007

### \*User/Installer Responsibilities

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

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

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

# SERVOED ENCODING ALTIMETER

Cust. S/N 4188

TEST POINTS	SCALE ERROR		FRICTION		ALT CODE TEST			FINE SYNCHRO O/P			COARSE SYNCHRO O/P		
	TOL (+/- FT)	ERROR (FT)	TOL (+/- FT)	ERROR (FT)	TOL (+/- FT)	ASCENT ERROR (FT)	DESCENT ERROR (FT)	TOL (DEG)	ERROR (DEG)	HYS. TOL: 0.8	TOL (DEG)	ERROR (DEG)	HYS. TOL: 0.5
-1000	20	+12											
0	20	+10			50	0	-10	0+/-0.8			0+/-1.5		
500	20	+10											
1000	20	+15	70	5	50	+3	-5	72+/-0.8			2.667+/-1.5		
1500	25	+5											
2000	30	+5	70	5	50	+3	-5	144+/-0.8			5.333+/-1.5		
3000	30	+5	70	0	50	0	-10	216+/-0.8			8.000+/-1.5		
4000	35	+10		5	50	0	-5	288+/-0.8			10.667+/-1.5		
5000								0+/-0.8			13.333+/-1.5		
6000	40	-10		5	50	-5	-10						
8000	60	-35			50	-5	-10						
10000	80	-15	80	5	50	-10	-20	0+/-0.8			26.667+/-1.5		
12000	90	+5											
14000	100	-35	90	5									
15000													
16000	110	+35			50	-10	-15						
18000	120	0											
20000	130	+30	100	5	50	-10	-15	0+/-0.8			53.333+/-1.5		
22000	140	+5											
25000	155	+20	120	5	50	-5	-10						
30000	180	-45	140	5	50	-5	-5	0+/-0.8			80.000+/-1.5		
35000	205	+40	160	15	50	+3	+3	0+/-0.8			93.333+/-1.5		
40000	230	+65	180	10	50	+3	-3	0+/-0.8			106.667+/-1.5		
45000	255	+10			50	+10	+3						
50000	280	+30	250	20	50	-5	-10	0+/-0.8			133.333+/-1.5		

CASE LEAK (TOL 100FT/MIN)	<u>0</u>	FT/MIN
POSITION ERROR (TOL MAX 20FT)	<u>3</u>	FT
HYSTERESIS AT 25000 FT	<u>5</u>	FT
(TOL 75FT) AT 20000 FT	<u>15</u>	FT
AFTER EFFECT (TOL 30 FT)	<u>5</u>	FT
BAROMETRIC ERROR (TOL 25 FT)	<u>0.6</u>	FT
SLEW RATE (TOL MAX 30 SEC)	<u>26.9</u>	SEC
THRESHOLD AND RESOLUTION	<u>OK</u>	
FLAG OPERATION	<u>OK</u>	
POWER MALFUNCTION	<u>OK</u>	
FLAG ENCODER	<u>OK</u>	
FLAG O/P	<u>OK</u>	
ALERT LAMP	<u>OK</u>	
INTERNAL LIGHTING	<u>OK</u>	
OVERPOTENTIAL	<u>OK</u>	
INSULATION RESISTANCE	<u>OK</u>	

BAROMETRIC SETTING OUTPUT				
TEST POINTS (IN. Hg)	TOL. (VDC)		OUTPUT (VDC)	
	MIN.	MAX.	INC.	DEC.
28.10	0.4645	0.504		
28.50	1.009	1.049		
29.00	1.681	1.721		
29.50	2.344	2.384		
29.92	2.896	2.936		
30.06	3.078	3.118		
30.50	3.644	3.684		
30.90	4.154	4.194		
30.99	4.268	4.308		

UNITED INSTRUMENTS, INC.

P/N: 55014-S100, S/N: 4188, TESTED BY: \_\_\_\_\_, DATE: SEP 20, 2007  
 CUSTOMER: Fisher Divers P.O., W.O.: PW 35024



Remarks  
Performed Altimeter, Encod  
Certifications as per attache

DATE 18 SEP 27

MAKE UNITRO. INST, INC

MODEL 5934 PAD-3 A1135-

SERIAL

Broomfield, CO 80021

# Performed Altimeter, Encod Certifications as per attache

DATE 18 SEP 07

MAKE UNITRO INST, INC

MODEL 5934 PAD-3 A1135

SERIAL NO. 408949

SCALE ERROR		
ALT. X 1000	ERROR	TOL. ( $\pm$ Ft.)
-1	+10	20
0	+5	20
.5	+15	20
1.0	+10	20
1.5	+15	25
2.0	+10	30
3.0	+5	30
4.0	+10	35
6.0	+20	40
8.0	-10	60
10.0	-45	80
12.0	-60	90
14.0	-40	100
16.0	-30	110
18.0	-35	120
20.0	-15	130
22.0	-25	140
25.0	-10	155
30.0	+20	180
35.0	+90	205

DATE: 18 FEB 07

TEST BY: [Signature]

FAR 91.413 were performed this date and found  
to comply with FAR 43, Appendix F.

Make GARMIN Model GTX-320

83500568

S/N: 83501226

Details on file under Work Order No. 4564

Date 21 SEP 07 Signature [Signature]

Freedom Avionics Company CRS No. FDBR221K

Jeffco Airport

Broomfield, CO 80021

3.0	+2	30
5.0	+10	52
1.2	+12	50
1.0	+10	50
.2	+12	50
0	+2	50
-1	+10	50
X1000	ERROR	(# of LF)
NGT		LOG
SCALE ERROR		

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

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

er, Transponder Static System  
form. N

tests required by FAA 91.411  
have been performed. The Altimeter  
has been tested to 35,000 ft.

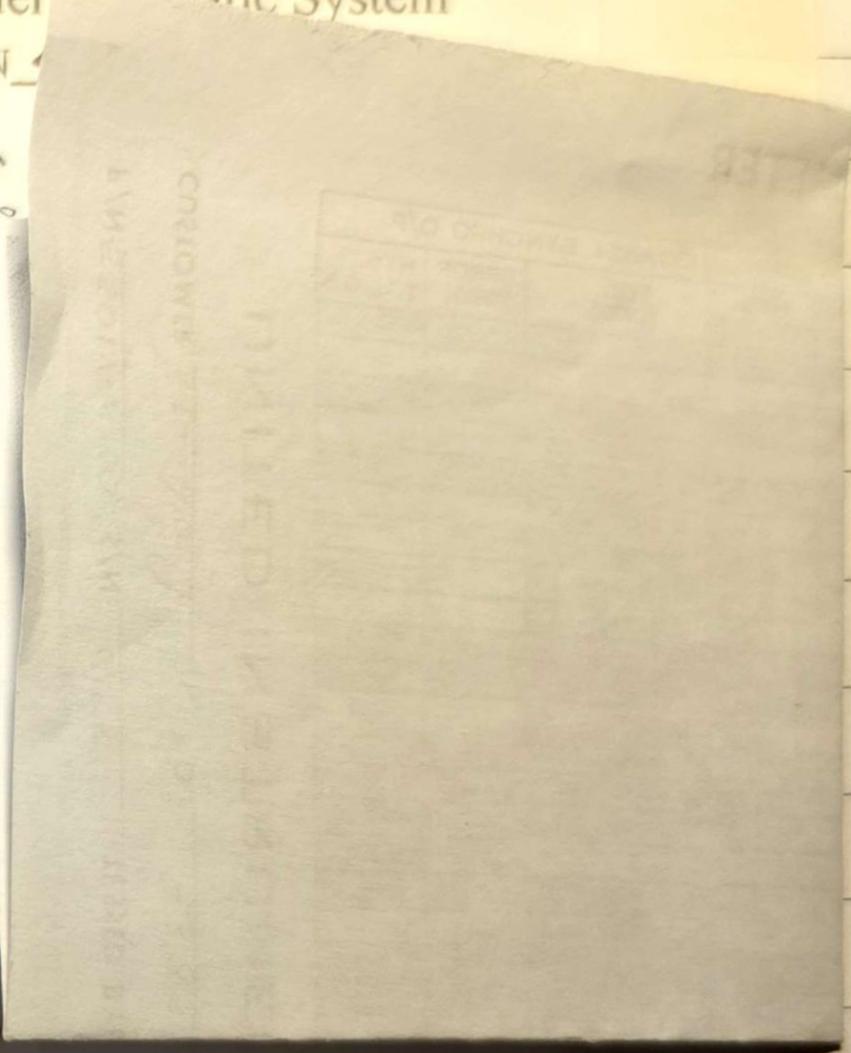
Signed [Signature]

Date: 21 Sep 07

FAA Approved Repair Station No.  
FDBR221K

Freedom Avionics Company  
Jeffco Airport  
Broomfield, CO 80021

Cust. S/N 4170





L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 824.4  
Nov 9, 2007

Replaced cylinder #3 EGT probe, engine ran and verified operation. Replaced brake liners on left and right brakes with new RA66-62 linings, brakes were seasoned per instructions.

*Larry D Qualls* A&P 2228865

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 846.6  
Feb 15, 2008

Replaced right main fuel tank forward and aft fuel line coupling hoses with new, leak checked satisfactory.

*Larry D Qualls*  
Larry D Qualls A&P 2228865

L&L Aviation LLC  
11740 Airport Way 36F

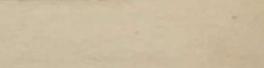
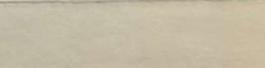
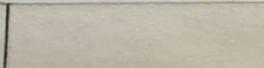
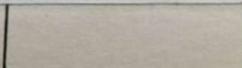
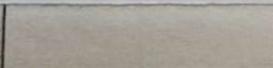
Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 848.4  
Feb 29, 2008

Replaced lower forward cabin door cable P/N 859630-004 new, checked adjustments all checks satisfactory.

*Larry D Qualls*  
Larry D Qualls A&P 2228865

Total To  
Carry Forward

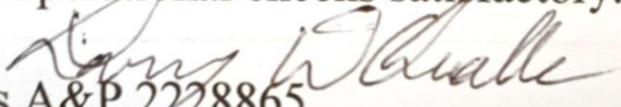


L&L Aviation LLC  
11740 Airport Way 36F  
Broomfield, Co

N4167A

hour meter 848.4  
March 25, 2008

Removed nose gear door actuator and resealed with new seals, reinstalled and operational and leak checked satisfactory. Replaced aircraft battery with Concord Battery RG24-11M S/N 40213831, operational checks satisfactory.

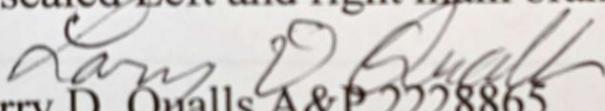
  
Larry D. Qualls A&P 2228865

L&L Aviation LLC  
11740 Airport Way 36F  
Broomfield, Co

N4167A

hour meter 853.5  
April 6, 2008

Resealed Left and right main brake calipers, bleed brakes leak checked good.

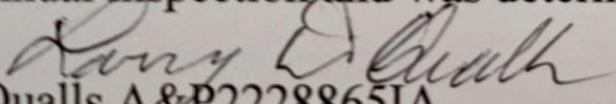
  
Larry D. Qualls A&P 2228865

L&L Aviation LLC  
11740 Airport Way 36F  
Broomfield, Co

N4167A

hour meter 893.2  
July 7, 2008

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 appendix D. Replaced Elt battery next due Dec.2010 ELT inspection per FAR 91.207(d) operational checks satisfactory. No new AD's were found. Complied with Piper SB 1103 engine mount inspection. Cleaned induction air filter per Donaldson P469075\* Rev 3. Complied with annual fire extinguisher content check. Replaced brake liners and insulators on left and right brake calipers. I certify that this aircraft has been IAW an annual inspection and was determined to be in a airworthy condition.

  
Larry D. Qualls A&P2228865IA

L&L Aviation LLC

N4107A

hour meter 928.8

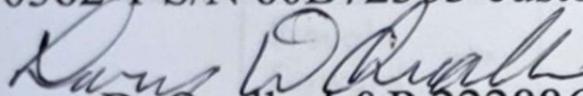
11740 Airport Way 36F

AIRCRAFT LOG

Dec. 02, 2008

Broomfield, Co

Replaced number 1 voltage regulator, performed balance and functional checks. P/N B-00382-1 S/N 80B72303 customer furnished.

  
Larry D. Qualls A&P 2228865

L&L Aviation LLC

N4167A

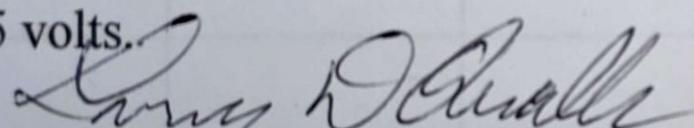
hour meter 938.3

11740 Airport Way 36F

Dec. 31, 2008

Broomfield, Co

Troubleshoot #2 alternator system, replace voltage regulator and alternator. P/N ALU-8521RS, S/N I120972 & P/N B-00382-1 Engine run up adjusted both voltage regulators to 28.5 volts.

  
Larry D. Qualls A&P2228865

L&L Aviation LLC

N4167A

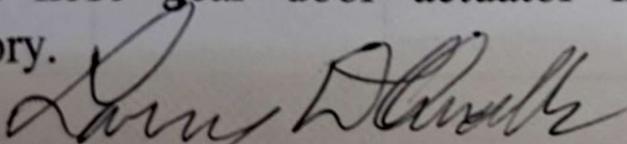
hour meter 938.3

11740 Airport Way 36F

Jan.16, 2009

Broomfield, Co

Replaced nose gear door actuator hose P/N 111F504-4S-0213 and leak checked satisfactory.

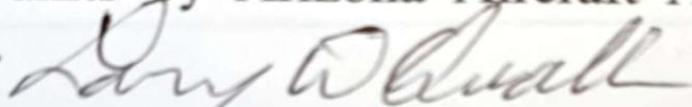
  
Larry D. Qualls A&P 2228865

L&L Aviation LLC  
11740 Airport Way 36F  
Broomfield, Co

N4167A

hour meter 989.6  
July 31, 2009

Removed Hydraulic power pack and emergency gear down valve and replaced with overhauled units by Arizona Aircraft Accessories. Operational and leak checks were satisfactory.



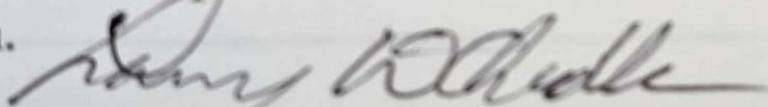
Larry D. Qualls A&P2228865

L&L Aviation LLC  
11740 Airport Way 36F  
Broomfield, Co

N4167A

hour meter 975.1  
April 10, 2009

Replaced EGT probe P/N 86161 Alcor temp probe with new. Serviced all struts with nitrogen.



Larry D. Qualls A&P 2228865

Transponder/Altimeter/Encoder/Pitot Static Biennial Certification

N# 4167A, Hours: 982.8 Hobbs

This aircraft's Altimeter system and Altitude Reporting Equipment have been inspected and tested in accordance with IPM # NA, and FAR 43 appendix E & F, To Comply with 91.411.

PILOT ALT.	P/N <u>5501Y-5100</u>	S/N <u>4188</u>	Tested to <u>30000</u>
C/P ALT.	P/N <u>5934PAD-3</u>	S/N <u>408949</u>	Tested to <u>30000</u>
Encoder	P/N <u>5501Y-5100</u>	S/N <u>4188</u>	Tested to <u>30000</u>
—	P/N <u>—</u>	S/N <u>—</u>	Tested to <u>—</u>

The Aircrafts ATC Transponder sys. Has been inspected and tested in accordance with IPM # NA and FAR 43 Appendix F to Comply with 91.413.

The Static sys complies with CFR 23.1325. Leakage ft/min: plt - 0 -, c/p: NO.

#1 Transponder: GARMIN P/N GTx 320 S/N 83500568

#2 Transponder: GARMIN P/N GTx 320 S/N 83501226

W.O.# 906011680 Date: 6/1/09

INSPECTOR: Gene Fisher WO 906011680

Front Range Transponders, 1990 Roland Dr., Bailey, Co 80421

303-808-9276

CRS F42R979Y

ance

L&L Aviation LLC  
11740 Airport Way 36F

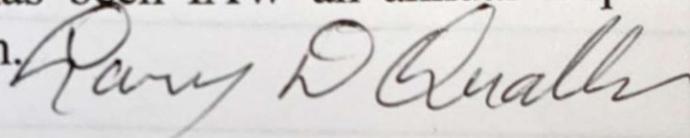
N4167A

hour meter 982.8

June 11, 2009

o Broomfield, Co

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 appendix D. Elt battery next due Dec.2010 ELT inspection per FAR 91.207(d) operational checks satisfactory. No new AD's were found. Complied with Piper SB 1103 engine mount inspection. Cleaned induction air filter per Donaldson P469075\* Rev 3. Complied with annual fire extinguisher content check. Cleaned out flow valve. I certify that this aircraft has been IAW an annual inspection and was determined to be in a airworthy condition.



Larry D. Qualls A&P2228865IA

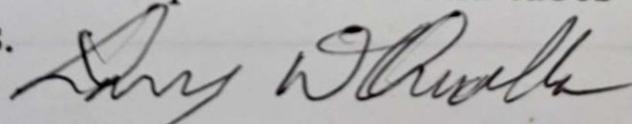
L&L Aviation LLC  
11740 Airport Way 36F  
Broomfield, Co

N4167A

hour meter 1032.8

Dec 28, 2009

Removed main tires replaced tires and tubes with new, replaced brake liners, serviced all wheel bearings.



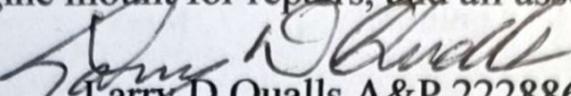
Larry D. Qualls A&P2228865

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 1040.9  
Jan 28, 2010

Removed engine, propeller, engine mount for repairs, and all associated components for access.

  
Larry D Qualls A&P 2228865

L&L Aviation LLC  
11740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

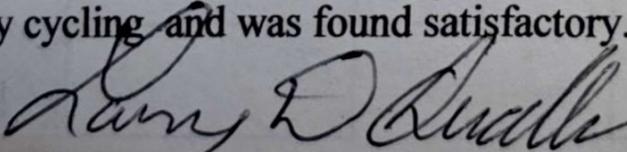
Hour meter Time: 1040.9  
June 28, 10

Reinstalled engine mount after repairs and modification by Kosola and Associates, Inc. under STC SA02779AT see 337 dated 3/19/2010. Reinstalled engine after repairs by Leavens Aviation see engine log book. Installed new propeller HC13Y1R-1N/705K+2 IAW STC SA02677CH-D see 337 dated 06/28/10. Reinstalled repaired propeller governor see release dated 3/23/10, and all associated components removed.

Replaced the following parts at this time:

- Lord engine shock mounts
- Left main gear door
- Right nose gear door link
- Nose gear actuator
- Engine shock mount bolts
- Left aft nose gear door hinge pin
- Throttle cable end support bracket

Hydraulic system was serviced with Mil-H-5606 hydraulic fluid and bleed. Engine, propeller were operational and leak checked. All systems that had been disturbed were operational checked, Landing gear was operational checked by cycling and was found satisfactory.

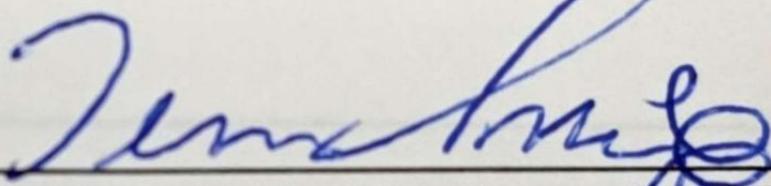
  
Larry D Qualls A&P 2228865

N4167A  
PA-46-350P  
S/N 46-36254

WO#: CO-324  
Date: 07-19-10  
TT:

Repaired LH and RH Side Cockpit Windows, RH Windshield and All Cabin Windows – Outer Surfaces. The above described maintenance has been inspected and is approved for return to service. Pertinent details are on file at this repair station under work order: CO-324 dated 07-19-10

Signature



FAA Certified Repair Station VW6R328Y

Aviation Window Services  
2945 Center Green Ct. South, Suite C  
Boulder, Colorado 80301  
720.222.1224



GREELEY, CO  
REPAIR STATION BX4R092M  
(970) 353-9200

08-23-10      Hobbs 1048.80      N4167A      sn 46-36254

Disassembled aircraft - removed: Engine assembly firewall forward as Q.E.C. unit and Forward interior as required for repair access. Repaired fuselage - replaced: Upper nose gear tunnel cover skin pn 82253-802, Firewall assembly pn 89605-800, Firewall access panel pn 89603-002, and Nose gear landing light bulb pn GE4596. Repaired fuselage - repaired: LH nose gear tunnel side skin pn 82529-004 and Aft tailcone bulkhead pn 84200-002. Repaired elevator assembly - replaced: Fairing pn 83408-003. Repaired landing gear: Replaced sequence valve assembly pn 89701-003. Replaced nose gear steering roller bolt pn AN3-13A. Replaced nose gear door attach channels pn's (2) 83684-004. Replaced LH & RH nose gear doors pn's 89774-010 and 89774-011. Replaced aft nose gear actuator bolt pn AN7-15A. Rigged nose gear rudder stops. Rigged nose gear retraction height and rake.

Registration No. \_\_\_\_\_

Performed multiple retraction and extension cycles to landing gear system. Reinstalled Lycoming TIO-540-AE2A sn L-10407-61A as Q.E.C. assembly. Torqued mount as required. Routed and reconnected all lines, hoses, electrical, controls, and ducting. Replaced LH exhaust crossover pipe pn 40B1985 sn 1E613. Replaced exhaust crossover pipe pn 40B19974 sn 1E614. Assembled exhaust in accordance with Lycoming Service Bulletin No. 521. Installed new gaskets pn 06B19913, 75845. Torqued clamps per Service Bulletin 521 and Service Instruction 1238B. Test run engine and checked for leaks. All systems, temperatures, RPM's, and pressures normal. Reassembled aircraft: Reinstalled interior as required. Repainted repairs as required: Repaired lower cowling. Repainted lower portion of fuselage with Imron 6000 Super White # L0242HL, Dark Presimmon # L0404HL, Black Metallic # L0216HL, and Clear # 5171080. Ferried aircraft: Inspected aircraft and found to be in a safe operating condition for intended one-time ferry flight from KGXY to KBJC in accordance with special flight permit dated 08-23-10.

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

**LIMITED TO THE WORK PERFORMED**

**Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.**

**Work Order # 11,300**

**CRS# BX4R092M**

Signed \_\_\_\_\_





GREELEY, CO  
REPAIR STATION BX4R092M  
(970) 353-9200

01-31-11      Hobbs 1048.80      N4167A      sn 46-36254

Disassembled aircraft - removed: Interior as required, engine assembly firewall forward as Q.E.C. unit, propeller assembly, and cabin. Repaired LH wing: Cold worked inboard upper skin. Repaired RH wing: Repaired outboard leading edge skin with doubler repair. Replaced radar mount bulkhead pn 89797-002. Reinstalled R.T. ART2000 radar assy pn 071-01519-010 sn 4874 after bench check from Bevan-Rabell CRS # KG2R951K WO# 46875-B3. Reinstalled radome pn 4848x-2 sn 429 after repairs from Fast CRS # GQ6R570N WO# 3499. Repaired fuselage belly in accordance with Engineering Report PA46-36254-2010-001 dated 10-26-10, Field Approved FAA 337 Form dated 11-19-10. Repaired lower bulkhead pn 82597-002 at Station 207.00. Repaired lower bulkhead pn 82369-800 at Station 198.00. Replaced lower belly skin pn 84464-002 at Stations 150.00 to 187.00. Replaced lower belly skin pn 82318-802 at Stations 158.30 to 164.80. Repaired fuselage - replaced: Lower forward belly skin pn 82484-002 at Stations 144.00 to 150.00, LH aft cabin skin assembly pn 82314-002 at Stations 186.30 to 241.50, Lower close-out skin pn 82360-002 at Stations 186.30 to 241.50, Pitot relief tube drain pn 85046-002 at Station 154.00, LH & RH DME/transponder antenna's pn CI-105 at Station 108.00, Aft DME/transponder antenna pn CI-105 at Station 167.00, Evaporator drain valve assembly

pn 83918-002 at Station 218.60, Marker beacon antenna pn CI-102 at Station 241.50, Stormscope antenna pn 78-8051-92008 at Station 226.30, VHF com antenna pn CI-102 at Station 154.00, LH & RH lower cowling pn 101104-802 and 101104-803, Lower cabin door cables pn 89630-004 and 89630-005, Cabin door entry switch pn 487-938, Cabin door seal kit pn 88440-002, and Drink holder pn 565-735. Repaired fuselage - reinstalled: LH aft floorboard pn 82544-002 at Stations 186.25 to 218.62, RH aft floorboard pn 84451-002 at Stations 186.25 to 218.62, LH center floorboard pn 82349-002 at Stations 151.00 to 186.25, LH aft floorboard pn 84455-002 at Stations 132.00 to 158.30, and RH aft floorboard pn 84455-003 at Stations 132.00 to 158.30. Repaired landing gear: Replaced LH main gear hub cap pn 83710-002. Replaced LH nose gear door assembly pn 89774-010. Performed multiple retraction and extension cycles to landing gear system. Performed emergency gear extension. Reinstalled Lycoming TSIO-540-AE2A sn L-10407-61A after propeller strike inspection performed by Aircraft Cylinders and Engines, Joe Folchert A&P 2689458. Replaced engine lord mounts (4) pn J9613-53. Torqued and saftied as required. Routed and reconnected all lines, hoses, electrical, and controls. Reinstalled and reassembled per Lycoming Service Bulletin # 521. Replaced the following gaskets: (7) pn 77644, (2) pn 24096-225N, pn 24096-150N, and pn 78089. Replaced LH & RH tail pipes pn 40B21011 and 40B2295. Replaced tail pipe clamps pn 40D23255-340M in accordance with AD 2010-13-07 dated 07-28-10. Installed (2) tail pipe clamps pn NH1009399-10 and torqued as required. Serviced engine with Aeroshell 80 mineral oil. Pre-oiled, test run, and checked for leaks. All systems, temperatures, RPM's, and pressures normal. Installed new Hartzell propeller Model # HC-I3Y1R-1N/N7605KT2 sn NY5B. Torqued and saftied as required. STC kit pn 13R30350-STP-1 previously installed. See FAA 337 Form dated 06-28-10. Repainted repairs as required: repainted fuselage, LH &

pn 83918-002 at Station 218.60, Marker beacon antenna pn CI-102 at Station 241.50, Stormscope antenna pn 78-8051-92008 at Station 226.30, VHF com antenna pn CI-102 at Station 154.00, LH & RH lower cowling pn 101104-802 and 101104-803, Lower cabin door cables pn 89630-004 and 89630-005, Cabin door entry switch pn 487-938, Cabin door seal kit pn 88440-002, and Drink holder pn 565-735. Repaired fuselage - reinstalled: LH aft floorboard pn 82544-002 at Stations 186.25 to 218.62, RH aft floorboard pn 84451-002 at Stations 186.25 to 218.62, LH center floorboard pn 82349-002 at Stations 151.00 to 186.25, LH aft floorboard pn 84455-002 at Stations 132.00 to 158.30, and RH aft floorboard pn 84455-003 at Stations 132.00 to 158.30. Repaired landing gear: Replaced LH main gear hub cap pn 83710-002. Replaced LH nose gear door assembly pn 89774-010. Performed multiple retraction and extension cycles to landing gear system. Performed emergency gear extension. Reinstalled Lycoming TSIO-540-AE2A sn L-10407-61A after propeller strike inspection performed by Aircraft Cylinders and Engines, Joe Folchert A&P 2689458. Replaced engine lord mounts (4) pn J9613-53. Torqued and saftied as required. Routed and reconnected all lines, hoses, electrical, and controls. Reinstalled and reassembled per Lycoming Service Bulletin # 521. Replaced the following gaskets: (7) pn 77644, (2) pn 24096-225N, pn 24096-150N, and pn 78089. Replaced LH & RH tail pipes pn 40B21011 and 40B2295. Replaced tail pipe clamps pn 40D23255-340M in accordance with AD 2010-13-07 dated 07-28-10. Installed (2) tail pipe clamps pn NH1009399-10 and torqued as required. Serviced engine with Aeroshell 80 mineral oil. Pre-oiled, test run, and checked for leaks. All systems, temperatures, RPM's, and pressures normal. Installed new Hartzell propeller Model # HC-I3Y1R-1N/N7605KT2 sn NY5B. Torqued and saftied as required. STC kit pn 13R30350-STP-1 previously installed. See FAA 337 Form dated 06-28-10. Repainted repairs as required: repainted fuselage, LH &

# AIRCRAFT LOG

RH wings with Imron 6000 Super White # L0242HC, Dark Presimmon # L0404HL, Black Metallic # L0216HC and Clear # 5171080. Reassembled aircraft: Reinstalled interior as required.

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

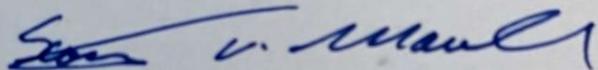
## LIMITED TO THE WORK PERFORMED

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.

Work Order # 11,411

CRS# BX4R092M

Signed



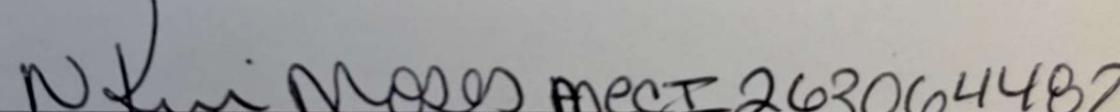
Date 2-8-11

Tach 1051.8

N 4167A

Performed operational test flight in accordance with FAR 91.407 Paragraph (b).

To Signed

 263064482

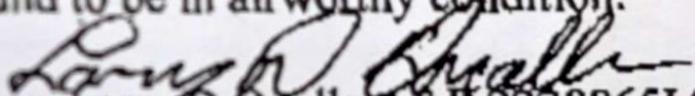
Carry forward

kL Aviation LLC  
740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 1048.8  
Feb. 1 2011

Complied with an Annual Inspection using the Piper PA-46-350P checklist and FAR 43, Appendix D. Airworthiness Directives compliance checked through revision 2011-02. ELT battery next due June 13. Operational checked per FAR 91.207(d) no problems noted. A test flight is required per FAR 43.407(b) in regards to engine operation and pressurization, has been performed for work accomplished at Beegles Aircraft and entered into the log book. I certify that this Aircraft has been inspected IAW annual Inspection and was found to be in airworthy condition.

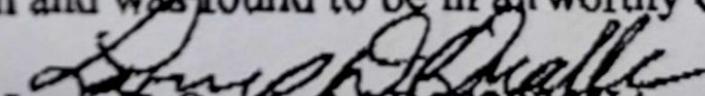
  
Larry D Qualls A&P 2228865IA

kL Aviation LLC  
740 Airport Way 36F

Reg. # N4167A  
Broomfield, Co. 80021

Hour meter Time: 1048.8  
Feb. 1 2011

Complied with an Annual Inspection using the Piper PA-46-350P checklist and FAR 43, Appendix D. Airworthiness Directives compliance checked through revision 2011-02. Complied with AD 2002-26-01 fuel injection line by visual inspection per Lycoming SB 342. I certify that this Engine has been inspected IAW an annual Inspection and was found to be in airworthy condition.

  
Larry D Qualls A&P 2228865IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

AIRCRAFT LOG

Date: March 8, 2012

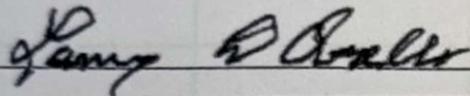
Acft Reg: N4167A

Aircraft Hobbs: 1146.4

**AIRFRAME**

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). Airworthiness Directives compliance checked through revision 2012-04. ELT Battery next due June 2013. Operational checked per FAR 91.207(d) no problems noted. Resealed fuel tank access panel out board of wheel well aft of spar. Replaced left and right brake pads with new p/n 66-22 linings. Adjusted landing gear warning horn throttle switch per AMM. Adjusted nose gear door sequence valve. Jacked aircraft and swung gear 3 fault free times. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: February 27, 2013

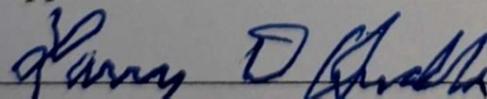
Acft Reg: N4167A

Hobbs: 1247.9

**AIRFRAME**

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). Airworthiness Directives compliance checked through revision 2013-04. Replaced ELT battery with new. Next due for replacement Mar 2015. Operational checked per FAR 91.207(d) no problems noted. Tightened left wing fuel tank interconnect lines. Resealed main and nose landing gear struts with new o-rings/seals and serviced with hydraulic fluid and nitrogen. Jacked aircraft and swung gear 3 fault free times. Installed new NLG steering arm link p/n 83308-002 and adjusted nose wheel steering IAW with AMM. Complied with Piper SB 1256 Nose landing gear torque link hardware replacement. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

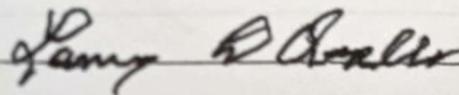
Broomfield, CO 80021

Date: April 12, 2014  
Acft Reg: N4167A  
Hobbs: 1302.4

**AIRFRAME**

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). Airworthiness Directives compliance checked through revision 2014-07. Operational checked per FAR 91.207(d) no problems noted, next due for replacement Mar 2015. Resealed left and right brake calipers with new O-rings and serviced brakes with hydraulic fluid. Jacked aircraft and swung gear 3 fault free times. Removed aft cabin seats and replaced hardware on seat backs. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

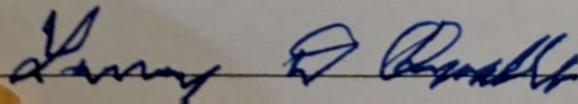
Broomfield, CO 80021

Date: March 18, 2016  
Acft Reg: N4167A  
Hobbs: 1497.2

**AIRFRAME**

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). Airworthiness Directives compliance checked through revision 2016-05. ELT battery next due for replacement July 2017. Operational checked per FAR 91.207(d) no problems noted. Repaired lower cabin door inertia reel by securing spring end with cotter pin. Removed nose wheel and installed new nose wheel bearings (08125) and bearing race (08231). Replaced nose and both main wheel tires w/new Flight Custom III tires w/new tubes. Jacked aircraft and swung gear 3 fault free times. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

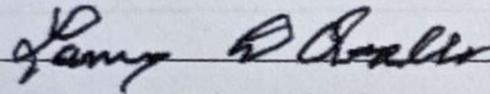
L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). Airworthiness Directives compliance checked through revision 2014-07. Operational checked per FAR 91.207(d) no problems noted, next due for replacement Mar 2015. Resealed left and right brake calipers with new O-rings and serviced brakes with hydraulic fluid. Jacked aircraft and swung gear 3 fault free times. Removed aft cabin seats and replaced hardware on seat backs. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

Date: April 12, 2014  
Acft Reg: N4167A  
Hobbs: 1302.4

**AIRFRAME**

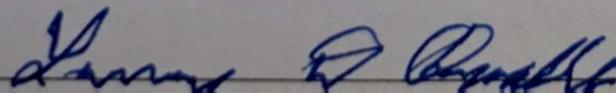
L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D). Airworthiness Directives compliance checked through revision 2016-05. ELT battery next due for replacement July 2017. Operational checked per FAR 91.207(d) no problems noted. Repaired lower cabin door inertia reel by securing spring end with cotter pin. Removed nose wheel and installed new nose wheel bearings (08125) and bearing race (08231). Replaced nose and both main wheel tires w/new Flight Custom III tires w/new tubes. Jacked aircraft and swung gear 3 fault free times. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

Date: March 18, 2016  
Acft Reg: N4167A  
Hobbs: 1497.2

**AIRFRAME**

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: September 30, 2016

Acft Reg: N4167A

Hobbs: 0.0

Aircraft TT: 1541.4

**AIRFRAME**

AIRCRAFT LOG

Installed new hobbs meter p/n 102033, previous hobbs reading 1541.4

~~1541.4~~

Larry D. Qualls

*Larry D. Qualls*

A&P 2228865

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: December 9, 2016

Acft Reg: N4167A

Hobbs: 18.60

**AIRFRAME**

Installed new overhauled turbo controller P/N 381008-0033 S/N DFN9538 using new gaskets and seals as required. Ground run up and fuctional checked. Adjusted as needed.

Larry D. Qualls

*Larry D. Qualls*

A&P 2228865

L&L Aviation, LLC

1740 Airport Way 36E

Broomfield, CO 80021

Date: March 17, 2017

Acft Reg: N4167A

Hobbs: 19.9

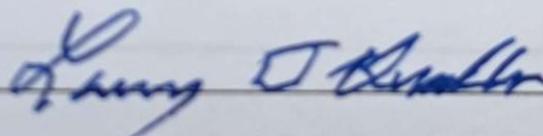
Aircraft TT: 156E3

**AIRFRAME**

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D).

Airworthiness Directives compliance checked through revision 2017-05. Insatalled new ELT battery, next due for replacement Jan 2020. Operational checked per FAR 91.207(d) no problems noted. Propeller removed and sent for overhaul. installed new alternator belts #1 37A19773-382, #2 37A19773-464 and air conditioner belt 37B19774-460. Replaced #2 alternator with new p/n ALU 8521R. Installed new induction air filter p/n P15-1936. Jacked aircraft and swung gear 3 fault free times. Installed new door cable p/n 89630-004. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

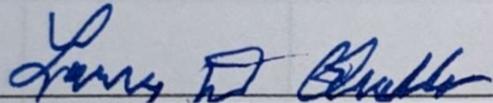
AIRCRAFT LOG

Date: April 24, 2018  
Acft Reg: N4167A  
Hobbs: 84.3  
Aircraft TT: ~~1625.7~~

AIRFRAME

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D).  
Airworthiness Directives compliance checked through revision 2018-08. Operational checked per FAR 91.207(d) no  
problems noted, next due for replacement Jan 2020 . Inspected and lubricated flight controls and landing gear  
assemblies. Jacked aircraft and swung gear 3 fault free times. I certify that this Airframe has been inspected IAW an  
Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Date: April 15, 2019  
Acft Reg: N4167A  
Hobbs: 162.5  
Aircraft TT: ~~1703.9~~

AIRFRAME

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D).  
Airworthiness Directives compliance checked through revision 2019-08. Operational checked per FAR 91.207(d) no  
problems noted, next due for replacement Jan 2020. Installed new aircraft battery Concord RG24-11M. Removed nose  
wheel and replaced wheel bearings. Installed new nose gear door actuator p/n 11-22. Jacked aircraft and swung gear  
3 fault free times. Removed left and right brake calipers and resealed with new O-rings. Serviced brakes with  
hydraulic fluid. Installed new brake linings p/n 66-62 I certify that this Airframe has been inspected IAW an Annual  
inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls



A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D).  
Airworthiness Directives compliance checked through revision 2020-15. Installed new ELT battery p/n 452-0130,  
next due for replacement 3/2023. Operational checked per FAR 91.207(d) no problems noted. Lubricated aircraft  
flight controls and landing gear assemblies. Jacked aircraft and swung gear 3 fault free times. Installed new engine  
shock mount assemblies p/n J-9613-55. I certify that this Airframe has been inspected IAW an Annual inspection and  
has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls

*Larry D. Qualls*

A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36F

Broomfield, CO 80021

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D).  
Airworthiness Directives compliance checked through revision 2019-15. Installed new ELT battery p/n 452-0130,  
next due for replacement 3/2023. Operational checked per FAR 91.207(d) no problems noted. Lubricated aircraft  
flight controls and landing gear assemblies. Jacked aircraft and swung gear 3 fault free times. Installed new engine  
shock mount assemblies p/n J-9613-55. I certify that this Airframe has been inspected IAW an Annual inspection and  
has been found to be in airworthy condition and is approved for return to service at this time.

Date: July 21, 2020

Acft Reg: N4167A

Hobbs: 216.7

Aircraft TT: 1758.14

**AIRFRAME**

Date: July 21, 2020

Acft Reg: N4167A

Hobbs: 216.7

Aircraft TT: 1758.14

**AIRFRAME**

Larry

Qualls

*Larry D. Qualls*

A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36E

Broomfield, CO 80021

Date: April 8, 2021

Acft Reg: N4167A

Hobbs: 256.4

Aircraft ~~TE 17978~~

**AIRFRAME**

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D).

Airworthiness Directives compliance checked through revision 2021-07. Installed new ELT battery p/n 452-0130, next due for replacement 3/2023. Operational checked per FAR 91.207(d) no problems noted. Lubricated aircraft flight controls and landing gear assemblies. Replaced seals on left and right fuel sump drains. Replaced nose gear door retract hose w/new. Serviced hydraulic reservoir. Jacked aircraft and swung gear 3 fault free times. Installed new tires on both left and right main wheels, Flight Custom III w/new tubes. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls Larry D Qualls

A&P 2228865 IA

L&L Aviation, LLC

1740 Airport Way 36E

Broomfield, CO 80021

Date: April 8, 2021

Acft Reg: N4167A

Hobbs: 256.4

Aircraft ~~TE 17978~~

**AIRFRAME**

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D).

Airworthiness Directives compliance checked through revision 2019-15. Installed new ELT battery p/n 452-0130, next due for replacement 3/2023. Operational checked per FAR 91.207(d) no problems noted. Lubricated aircraft flight controls and landing gear assemblies. Replaced seals on left and right fuel sump drains. Replaced nose gear door retract hose w/new. Serviced hydraulic reservoir. Jacked aircraft and swung gear 3 fault free times. Installed new tires on both left and right main wheels, Flight Custom III w/new tubes. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls Larry D Qualls

A&P 2228865 IA

L&L Aviation, LLC

11750 Airport Way

Date: March 18, 2022

1740 Airport Way 36F

Hanger B-12A

Acft Reg: N4167A

Broomfield CO, 80021

Hobbs: 307.8

Aircraft: ~~TF-1848.8~~

Broomfield, CO 80021

**AIRFRAME**

Complied with an annual inspection using the Piper PA-46 350P inspection guide and FAR 43 App (D).

Airworthiness Directives compliance checked through revision 2022-06. Operational checked ELT per FAR 91.207(d) no problems noted, due for replacement 3/2023. Lubricated aircraft flight controls and landing gear assemblies. Installed new linings on left brake P/n 66-62 (4 ea). Serviced hydraulic reservoir. Jacked aircraft and swung gear 3 fault free times. Installed new forward airstair lower door cable P/n 89630-0024. I certify that this Airframe has been inspected IAW an Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Larry D. Qualls Larry D Qualls A&P 2228865 IA

L&L Aviation, LLC

11750 Airport Way Hanger

Date: June 27, 2022

B-12A

Acft Reg: N4167A

1740 Airport Way 36F

Broomfield CO, 80021

Hobbs 307.40

Broomfield, CO 80021

**AIRFRAME**

1. Repaired right wing leading edge 20 inches inboard from the outboard end of the wing. De-ice boot was removed back toward the wing root to allow access for repair.
2. Repair was accomplished using instructions in Piper Malibu N4167A Leading Edge Repair Manual dated 18 May 2022 as approved by Engineering Authorization LLA-0001-001 Rev IR..
3. 8110-3 dated 24 May 2022 was used as Compliance with Airworthiness Standards.
4. De-ice boot was reattached using 3-M 1300L contact glue.

Larry D. Qualls Larry D Qualls A&P 2228865 IA



Rocky Mountain Aircraft Services · 11750 Airport Way HNGR B12A · Broomfield, CO 80021 · (303) 404-9606

**N4167A**

Hobbs: 388.8

**PIPER, PA 46-350P, S/N: 46-36254****June 02, 2025**

Performed an Annual inspection in accordance with FAR 43 App (D) and Piper checklist. Inspected and lubed all flight control surfaces, rod ends, chains and pulleys. Installed new ELT battery P/N 452-0130. C/W FAR 91.207 sub (D) ELT Inspection, operational check is satisfactory at this time. ELT battery next due for replacement Mar 2027. Cleaned, inspected, and lubricated gear assemblies. Verified operation of exterior lights. Cleaned/inspected induction air filter. Replaced vacuum filters with new RAB3-5-1(qty2) filter and RAD9-18-1 filter. Installed new fuel cap gaskets P/N CA66815-000. Jacked aircraft and serviced/ inspected landing gear assemblies. Swung gear 3 fault free times and performed emergency gear extension. No defects noted at this time. C/W AD 01-12-01 Flap drive bellcrank assemblies by inspection in accordance with Piper Service Bulletin No. 1062. No defects noted at this time. C/W AD 08-26-11 Stall vane warning and heat control, modified stall heat control in accordance with Piper Service Bulletin No. 1192, using kit P/N 88452-002. C/W AD 13-13-01 Main fuel tank valves by inspection in accordance with Piper Service Bulletin 1258, nitrile vent valve is not installed. C/W AD 21-09-02 Stall warning heat control system kit part numbers, by installing stall warning heat control modification kit part number (P/N) 88452-002. All current and bi-weekly ADs through 2025-11 have been complied with/ none new at this time. Ground run/ ops/ leak check all satisfactory at this time. I certify that this Airframe has been inspected IAW an Annual inspection and a list of discrepancies dated 06/02/2025 has been provided to the owner. —End—

Inspected and verified that all AD's are current and complied with on the Airframe. Inspected engine including a ground run, operational and leak check and found no defects preventing a safe one-time ferry flight for N4167A from KBJC the KGYX.

Details of work performed are on file with Rocky Mountain Aircraft Services under work order: WO\_250201\_N4167A.

Clint Cook A&amp;P/IA 3574567

A handwritten signature in blue ink, appearing to read 'Clint Cook', is written over a horizontal line.

# Beegles

Aircraft Service LLC

Quality Service  
Since 1946

REPAIR STATION N4167A  
(970) 331-5200  
www.beeglesaircraft.com



635 AIRPORT ROAD • WELD COUNTY AIRPORT • GREELEY, COLORADO 80631

07-22-2025 Hobbs 339.1 AFTT 1880.50 N4167A sn 46-36254

Disassembled aircraft for repair access and repairs: Removed RH flap and aileron. Removed radar pod assembly. Removed speed brake assembly. Repaired RH wing: Replaced inboard rear spar channel pn 83022-005 at Stations 14.00 to 107.00. Repaired lower keyhole skin pn 83126-03 with angle repair at Station 51.00. Reinstalled radar pod assembly. Reinstalled speed brake assembly. Painting: Repainted RH wing as required. Repainted with custom color to match. Reassembled aircraft: Reinstalled RH flap and aileron. Performed operational check to flap and aileron systems. (Rigging not disturbed). Performed operational landing gear retraction and extension cycle. (Rigging not disturbed).

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been completed at this time, limited to work performed.

Pertinent details on file at Beegles Aircraft Service LLC, Greeley, CO.

Work Order # 13,554

CRS# BX4R092M

Signed \_\_\_\_\_

A handwritten signature in blue ink, written over a horizontal line. The signature is stylized and appears to be a first name followed by a last name.