C-GZZR

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

AIRCRAFT

1.	**Nationality and Registration**	C-GRRZ
2.	**Manufacturer's Designation**	PA-46-350P Malibu Mirage
3.	**Manufacturer's Serial Number**	4636469
4.	**Type Approval or Specification Number**	A25SO
5.	**Date of Manufacture**	April 2, 2010
6.	**Aircraft Inspection Cycle**	

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPL
BROUGHT FORWARD					
2010/APR/28			8 9		TRANSFERED FROM US LOGS

AIRCRAFT LOG

Registration No. C-GZZR

Date	Aircraft Time This Date	Aircraft Time Total	Recorder Reading	Maintenance
APR 0 2 2010	Brought Forward →	8.9		I find that the aircraft meets the requirements for the certification requested and have issued an Expert Certificate of Airworthiness. The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested: On (Pri) 3/2/10 (Sec) 3/2/10 55,000 ft 55,000 ft The ELT is installed per FAR 91.207. Battery Replacement date: FEB 2014 Dated: APR 0 2 2010 Phillip L Chapman PHILLIP L CHAPMAN DMIR-832649-CE Piper Aircraft, Inc. Vero Beach, Florida
Total To Carry Forward		8.9		

and Remarks	Signature	Certificate No.
The ATC-Tranponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F. 1. Make GARMIN Model GTX33 S/N 89107530 2. Make NA Model NA S/N NA Details of this inspections are on file at this facility under: ACFT S/N 4636469 Date 3/18/10 The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: 3/18/10 Phillip L Chapman PHILLIP L CHAPMAN DMIR-832649-CE Piper Aircraft, Inc. Vero Beach, Florida		

AIRCRAFT LOG

Registration No. C-GZZR

Date	Aircraft Time This Date	Aircraft Time Total	Recorder Reading	Maintenance
APR 0 2 2010	Brought Forward →	2.9	The mid system computer is adjusted at the factory. Component changes require that the computer system be checked and adjusted per Piper Process Specification (PPS) 500003. The settings for this aircraft are: Tolerance +/- % Airbus Movement / Pilot Command / Actual Aileron Travel PHASE FLAPS GA1 Full Up 0° 13.4 GA1 15° / 20° 21.2 GA1 Full Down 30° 30.5 GA2 Full Up 0° 13.1 GA2 15° / 20° 20.8 GA2 Full Down 30° 30.6 Phillip L Chapman PHILLIP L CHAPMAN DMIR-832649-CE PIPER AIRCRAFT, INC.
Total To Carry Forward		2.9		

and Remarks	Signature	Certificate No.
The standby altimeter and static system test required by FAR Part 91.411 have been performed. The standby altimeter has been tested to 55,000 feet on 1/183/10 Signed Phillip L Chapman PHILLIP L CHAPMAN DMIR-832649-CE PIPER AIRCRAFT, INC.		

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT TRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

Date	Aircraft Time This Date	Aircraft Time Total	Recorder Reading	Maintenance and Remarks	Signature	Certificate
APRIL 15 2010	Brought Forward →	8.9				
April 15, 2010	3.7			KURB - KCLT		
April 16 2010	3.8			KCLT - CYKF	Ferry Flights Reg Nissen	RN
April 16, 2010	0.4			CYKF - CYKZ		RN
HOBBS		16.0	16.0			
Total To Carry Forward						

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.
All applicable Federal Aviation Administration Airworthiness Directives, through Bi-Weekly 2010-07 have been complied with at the time of manufacture. Signed: Phillip L. Chapman PHILLIP L. CHAPMAN DMIR-832849-CE PIPER AIRCRAFT, INC.		8.9	APR 02 2010	

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature Certificat

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE
BROUGHT FORWARD	0	0	16.	0	
2010/APR/28	0	0	16	0	

IMPORTATION INTO CANADA – APRIL 2010

This PIPER AIRCRAFT, INC. Model PA-46-350P Malibu Mirage s/n 4636469 as identified on FAA Export Certificate of Airworthiness No. E428940 dated Apr. 02, 2010, imported into Canada and registered "C-GZZR"

1. Transport Canada import document MSI-26, applicable Parts 1, 2, Part 3 checklists 1 & 3 and Part 4
2. Missing ELT location placard installed on exterior of rear fuselage
3. Missing ELT remote switch warning placard installed on R/H instrument panel to meet requirements of AWM chapter 551.104(f)(4) requirements
4. #1 and #2 Garmin GTX 33 transponders Mode "S" Hex address checked and corrected to "C08948" as indicated on the Canadian C of R
5. Portable hand fire extinguisher model RT – A600 checked, weight = 742 g.
6. Artex ME 406ELT, s/n. 197-02273, "acceptable" type AF ELT, coded A7864898AF1C6A1
7. Standby compass checked/confirmed equipment with a current dated (2010/Apr/02) card
8. Pilot's Operating Handbook/ FAA approved Airplane Flight Manual, report no. VB-2121 with revision 1 dated January 4, 2010 was checked and confirmed most current
9. Airworthiness Directives searched and checked on TC database, all recent AD's issued or amended between April 2, 2010 and April 25, 2010, no outstanding applicable AD's found at this time. AD's: 2010-04-07, CF-2005-40 & F-2005-023 N/A by installation at this time. AD CF-90-3R1 applicable but not due until next annual or 150 hours TTSN whichever comes first.
10. Instructions for continued airworthiness (ICA) references for the following equipment have been placed into this aircraft's Canadian Technical Logs.
    i. Piper Aircraft, Inc. PA-46-350P, Malibu Mirage Maintenance Manual, (manual p/n. 761-876), Introduction page 1, dated Aug/28/2007
    ii. Concord valve regulated led acid battery, booklets/drawings No. 5-01142, rev J dated Feb. 20, 2007
    iii. Garmin 1000 manual p/n. 190-01038-02, dated Feb. 2009
11. As per the requirements of CAR 605.86 and its associated standard, this aircraft will be maintained in accordance with CAR 625 Appendix B Part 1 and all applicable requirements in CAR 625 Appendix C

Note:
At the time of import, this aircraft was not equipped with survival or emergency equipment

This aircraft has been found to meet the requirements of FAA Type Certificate A25SO revision 20, issue date 2009/Oct/26

The described maintenance has been performed in accordance with the applicable airworthiness requirements

Aviation Unlimited Maintenance Inc. AMO 65-94 M298679

			16	0	CARRIED FORWARD

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE
BROUGHT FORWARD			16	0	
June 15, 2010	20	6	36	6	
Oct 4, 2010	6	8	43	4	
Oct 15, 2010	3	8	47	2	
					CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6152
Date: Jun 15, 2010
Airframe log

Aircraft TTAF : 38.6

Item	Description	Correction
1	Flaps not going up.	Found flap switches not making contact with the cam assy. Switches repositionned to have a positive contact. Flaps now, found out of rigging. Flap system rigging c/o IAW 27-50-00 by adjusting clevis end of selector cable. Independant inspection c/o.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness

Name: Vincent Grenon AMO 39-03 #2 License no.: 737820

I certify that I have conducted a dual safety inspection of the controls affected by the work done

Name: Richard Vaghel AMO 39-03 #6 License no: 904931

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6287
Date: Oct 04, 2010
Airframe log

Aircraft TTAF : 43.4

Item	Description	Correction
1	Prop strike on a mule.	Engine TIO-540-AE2A s/n L-13467-61A removed and reinstalled after repaired by Lycoming under work order REP13487. New propeller HC-I3Y1R-1N/N7605K+2 s/n NM48B installed. Propeller has been reinstalled IAW PA46-350P Maintenance Manual 61-10-00. Engine has been reinstalled IAW 71-00-00. Aircraft inspected and no damage found. Engine serviced with Shell 15W50 and ground run c/o. Aircraft found serviceable for the flight test.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness

Name: Vincent Grenon AMO 39-03 #2 License no.: 737820

I certify that I have conducted a dual safety inspection of the controls affected by the work done.

Name: Denis Thomassin License no: PA383789

Subject to satisfactory test flight

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6496
Date: Oct 15, 2010
Airframe log

Aircraft TTAF : 47.2 AMO 39-03 #8

Item	Description	Correction
1	First 50 hrs inspection.	First 50 hrs inspection c/o IAW New Piper Warrantable first 50 hrs Inspection Report. No oil change or oil filter done during this inspection.
2	Flap intermittent.	Flap following switches replaced with new 688-345. Flap system rigging c/o IAW 27-50-00 by adjusting clevis end of selector cable. Flap complete functional and travel check c/o. Independant inspection c/o.
3	Check fuel drain on right side of forward fuselage.	Fuel drain functional check c/o, no defect found.
4	Engine Reiff heater installation.	Engine Reiff heater TL6 system installed IAW Reiff Heater installation instructions. Weight and balance #1amendement c/o. New weight of 3119.3 lb at 135.44 inches.
5	A/P intermittant.	Ground test c/o. No fault found.
6	Update check for units.	Applied Service Letter No. 1122 to allow the pilot and co-pilot to transmit/receive on Comms 1 and 2 simultaneously. No other avionics update available at this time.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness

Name: Vincent Grenon AMO 39-03 #2 License no.: 737820

I certify that I have conducted a dual safety inspection of the controls affected by the work done.

Name: Jean-Philippe Savard License no: 903191 AMO 39-03 #8 AMO 39-03 #8

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE
BROUGHT FORWARD			47	2	
Jan 6, 2011					

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6631
Date: oct. 28, 2010
Airframe log

Aircraft TTAF : 54.8 AMO 39-03 #8 MISSING ENTRY

Item	Description	Correction
1	G1000 error message "Roll disagreement" from AHRS#1.	Removed GRS 77 #1 p/n 011-00868-10 s/n 42014003. Moved GRS 77 #2 to position #1. No AHRS #2 at this time. Ground test c/o.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: François Langevin License no.: 90674 AMO 39-03 #4

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6631A
Date: déc. 22, 2010
Airframe log

Aircraft TTAF : 86.0 AMO 39-03 #8 MISSING ENTRY

Item	Description	Correction
1	AHRS#2 installation.	Installed new GRS 77 p/n 011-00868-10 s/n 42016278. Installed at position AHRS #2. As the actual G1000 System Software version is 0720-11, GRS Software file loaded to version 2.12 as per G1000 System Maintenance Manual 190-00907-00 Rev.C, section 7.6.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: François Langevin License no.: 90867 AMO 39-03 #4

Subject to satisfactory test flight.

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office : 1-450-676-6209 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: G64
Date: janv. 06, 20
Airframe

Aircraft TTAF

Item	Description	Correction
1	GPS 1 signal intermittent.	Removed antenna GPS1 GA35 s/n 56335, antenna GPS2 GA35 s/n 56336. New antenna GPS1 GA35 c/n 71022, antenna GPS2 GA35 c/n 71007 installed as per reference Garmin GA35 antenna installation instruction 190-0048-00 rev. B. Ground functional check c/o.
2	Over head panel removed for antenna access.	Over head panel removed and reinstalled after installation of the new GP antennas IAW Piper PA46-350P Maintenance Manual.
3	Main battery replacement.	Removed battery G250S s/n G02493652. New battery p/n G250S s/n G02498142 charged IAW Gill DWG. no. 1549 REV L. New battery insta IAW Piper PA46-350P Maintenance Manual. Functional check c/o.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Richard Vaghel License no: 204701

VBA
Vero Beach Avionics, Inc.
Aircraft Log

Date: 12/14/2010
Hobbs: 87.4
WO#: 6550

A/C Reg#: C-GZZR
A/C Serial#: 4636469
A/C Model: PA46-350P

1. **Installed Radar Pod and Garmin GWX68 Weather Radar in accordance with Piper TC Data and Piper Drawings 10550, 105550-011 and 89515. Ref Letter of Authorization to use Piper TC Data dated 12/13/2010 and FAA Form 337 dated 12/14/2010.**
2. **Removed and replaced Stby Att Ind battery. Ground checked without discrepancy. Battery Manufacture date 12/10.**

MAINTENANCE RELEASE: This aircraft, airframe, aircraft 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 applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature RC Pauley IAA CRS V0VR013Y
Vero Beach Avionics, Inc. Vero Beach, FL 32960 (772) 299-6770

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC
4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6698
Date: févr. 17, 2011
Airframe log

Aircraft TTAF : 99.8
Landing : 0.0

Item	Description	Correction
1	Annual inspection.	Annual inspection c/o IAW CAR's STD 625 app. B & C and Piper PA46-350P inspection sheets as reference. Oil changed and serviced with Aeroshell 15W50. Oil filter inspected and replaced with CH48103. Engine compression at: 75-76-80-75-80-76/80. Ground run c/o. No leak found.
2	CF90-03R2, Exhaust system inspection.	Exhaust system inspection c/o IAW AD CF90-03R2 part I. No defect found. Next inspection due in 150 hrs or in February 2012.
3	AD2010-13-07, Failure of V-band exhaust coupling.	N/A by aircraft serial number.
4	AD2010-07-08, Kelly Aerospace Turbochargers.	N/A by turbochagrers model.
5	Piper Service Letter 1122, G1000 split communications enable.	G1000 split communications enable c/o IAW Piper SL 1122. No further action required.
6	Piper SL 1127, Emergency exit interior panel hook and loop fastener replacement.	Emergency exit interiorpanel hook and loop fastener replacement c/o IAW Piper SL1127. No further action required.
7	Piper SL 1131, Aileron bearing lubrification requirements.	Parts on order.
8	Piper SL 1136, Fuel pressure switch adjustment.	Fuel pressure switch adjustment c/o IAW Piper SL1136. No further action required.
9	Piper SL 1135, Control cable and pulley inspection.	Control cable and pulley inspection IAW Piper SL1135 part 1 & 2. No defects found. Next inspection due in 100 hrs.
10	Piper SB 1223, Wire screen replacement.	Parts on order.
11	Piper SL 1132, Fuel tank leaks.	N/A, no fuel leak at this time
12	Piper SL 1138, Lift transducer modification.	Parts on order.
13	Piper SB 1103D, Engine mount inspection.	N/A, initial inspection at 740 hrs time in service.
14	Anchor nut broken on R/H engine cowling firewall attachment.	Anchor nut replaced as required.
15	Both oil sump heating pads unglued.	Both oil sump heating pads reglued as required.
16	R/H MLG upper torque link attachment loose.	R/H MLG upper torque link bushing replaced with 452-857.
17	Propeller blades paint chipped.	Propeller blades painted as required.
18	Both recognition lights u/s.	Both recognition lights assembly replaced with p/n A775-28V.
19	Compass swing due.	Compass swing c/o.
20	Fire extinguisher and first aid kit inspection due.	Fire extinguisher and first aid kit inspection c/o.
21	ELT certification due.	ELT p/n 453-6603 s/n 197-02273 has been inspected and tested IAW CAR 571 app. G. Ref. Aéro Teknic wo A2343 . Battery due: Feb. 2016. Certification due: Feb. 2012.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness

Name Jean-Philippe Savard License no. 903191 AMO 39-03 #8

AÉROTEKNIC
4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6817
Date: avr. 20, 2011
Airframe log

Aircraft TTAF : 117.6
Landing : 0.0

Item	Description	Correction
1	STC SA02276AK, AMSAFE Aviation Inflatable restraints system installation.	AMSAFE Aviation Inflatable Restraints system p/n 510509-2C1-8060 installed IAW STC SA02276AK and AMSAFE Installation Instructions document No. E509435, Rev. F. Functional check c/o. Instructions for continued airworthiness and flight manual supplement included in airplane flight manual. Appendix L completed. Weight change is negligible.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness

Name Jean-Philippe Savard License no. 903191 AMO 39-03 #8

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD
					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE
BROUGHT FORWARD			117	6	
May 13, 2011	29	7	147	3	
June 10, 2011	10	2	157	5	

Date: March 31, 2011
Registration: C-GZZR
Type: Piper PA46-350P
S/N: 4636469
TTSN: 111.5hrs

MISSING ENTRY

AMO 39-03 #8 AVIATION UNLIMITED MAINTENANCE INC Piper Transport Canada AMO 65-94

Pilot reports pressurization problems - a pressurization test was performed, safety & outflow valves opening to spec. Belly drains and outflow valve gasket found leaking. Belly drains cleaned - further testing found no leaks. Removed KTA 810 computer, outflow valve and replaced outflow valve gasket - p/n 755-127 installed. Outflow valve and KTA 810 computer reinstalled. Retested, final leak rate 36.8SCFM.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS.

AUM 1

Date: April 1, 2011
Registration: C-GZZR
Type: Piper PA46-350P
S/N: 4636469
TTSN: hrs

MISSING ENTRY

AMO 39-03 #8 AVIATION UNLIMITED MAINTENANCE INC Piper Transport Canada AMO 65-94

Pilot reports pressurization problems - squat switch found out of adjustment, adjusted to MM spec. Pressurization functioned correctly during ground run.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS.

AUM 1

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6794
Date: mai 13, 2011
Airframe log

Aircraft TTAF : 147.3

AMO 39-03 #6

Item	Description	Correction
1	Pressurisation not working properly.	Pressure controller p/n 48E21383 s/n HKN0039 removed. New pressure controller p/n 48E21383 s/n H0CN00225 installed IAW Lycoming Service Instruction SI1431. Ground run up c/o. No leak found. Dual inspection c/o.
2	Landing gear squat switch not working properly.	New switch p/n 87545-007 installed IAW Piper PA46-350P maintenance manual ref. 32-60-00. Gear retraction c/o and found serviceable.
3	Engine oil change at customer request.	Engine oil changed and serviced with Aeroshell 15W50. oil filter inspected and replaced with new oil filter CH48103, no metal contamination found. Ground run up c/o. No leak found.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Richard Voghel AMO 39-03 #5 License no.: 904931

I certify that I have conducted a dual safety inspection of the controls affected by the work done

Name: Jean-Philippe Savard License no: 903191 AMO 39-03 #8

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6906
Date: Jun 10, 2011
Airframe log

Aircraft TTAF : 157.5

Item	Description	Correction
1	L/H landing gear torque link has excessive play.	L/H landing gear torque link bushing and bolts replaced.
2	SL 1138, lift transducer modification.	Lift transducer modified IAW SL1138 and Safe Flight SL 65. Functional test c/o.
3	SB 1223, wire screen replacement.	Unable to comply with this SB, part does not fit and poor instruction given in this SB.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Vincent Grenon AMO 39-03 #2 License no.: 737820

INSPECTION, REPAIRS & REPLACEMENT ENTRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft TTAF : 147.3 AMO 39-03 #6

Aircraft registration: C-GZZR
Work report number: 6794
Date: mai 13, 2011
Airframe log

Item	Description	Correction
1	Pressurisation not working properly.	Pressure controller p/n 48E21383 s/n HKN0039 removed. New pressure controller p/n 48E21383 s/n H0CN00225 installed IAW Lycoming Service Instruction SI1431. Ground run up c/o. No leak found. Dual inspection c/o.
2	Landing gear squat switch not working properly.	New switch p/n 87545-007 installed IAW Piper PA46-350P maintenance manual ref. 32-60-00. Gear retraction c/o and found serviceable.
3	Engine oil change at customer request.	Engine oil changed and serviced with Aeroshell 15W50. oil filter inspected and replaced with new oil filter CH48103, no metal contamination found. Ground run up c/o. No leak found.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Richard Voghel AMO 39-03 #6 License no.: 504931

I certify that I have conducted a dual safety inspection of the controls affected by the work done

Name: Jean-Philippe Savard License no: 903191 AMO 39-03 #6

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft TTAF : 157.5

Aircraft registration: C-GZZR
Work report number: 6906
Date: Jun 10, 2011
Airframe log

Item	Description	Correction
1	L/H landing gear torque link has excessive play.	L/H landing gear torque link bushing and bolts replaced.
2	SL 1138, lift transducer modification.	Lift transducer modified IAW SL1138 and Safe Flight SL 65. Functional test c/o.
3	SB 1223, wire screen replacement.	Unable to comply with this SB, part does not fit and poor instruction given in this SB.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Vincent Grenon AMO 39-03 #2 License no.: 737820

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 6945
Date: juin 23, 2011
Airframe log

Aircraft TTAF: 163.9 AMO 39-03 #6

Item	Description	Correction
1	Problem with red gear unsafe light on though gear has retracted.	New squat switch relays p/n 534-283 and new squat switch p/n 87545-007 installed IAW Piper PA46-350P maintenance manual ref. 32-60-00. Gear retraction c/o and found serviceable.
2	SB1223, wire screen replacement.	New screen p/n 89698-004 installed IAW Piper service bulletin 1223 Method II. No further action is required.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name Richard Vézhel AMO 39-03 #6 License no. 904931

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7272
Date: ~~juin 10~~, 2011
Airframe log

oct. 25
E.G

Aircraft TTAF: 225.5 AMO 39-03 #8

Item	Description	Correction
1	Oil change at customer request.	Oil changed and serviced with Aeroshell 15W50. Oil filter inspected and replaced with new CH48103. No metal particles found in oil. Ground run c/o, no leak found.
2	Prop heat failure light "ON".	Found one propeller de-icer wire broken. Wire repaired as required. Functional check c/o and found serviceable.
3	Boost pump failure light "ON".	All fuel system inspected, no defect found. Functional check c/o and found serviceable.
4	When flaps are at 36 degrees, red cross appears in wing flap indicator on G1000.	Flap control cable adjusted properly IAW PA-46-350P Maintenance manual. Functional check c/o and found serviceable.
5	Emergency door upholstery trim not secure.	Upholstery trim secured as required with velcro.
6	Cabin speaker u/s.	Found cabin speaker wire loose. Wire secured as required. Functional check c/o and found serviceable.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name Jean-Philippe Savard License no. 903191 AMO 39-03 #8

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AERO TEKNIC
4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7412
Date: janv. 19, 2012
Airframe log

Aircraft TTAF : 273.5

Item	Description	Correction
1	Annual inspection	Annual inspection c/o IAW CAR's STD 625 app. B and C and Piper PA46-350P inspection sheets as reference. Oil change and serviced with Aeroshell 15W50. Oil filter inspected and replaced with CH48103. Engine compression at: 79-75-79-75-78-74/80. First aid kit and fire extinguisher inspection c/o. Compass swing c/o. Ground run c/o. No leak found.
2	24 months certification due.	Altimeter/Air Data Computer ADC #1 p/n 011-00882-10 s/n 20607897, Altimeter/Air Data Computer ADC #2 p/n 011-00882-10 s/n 20607941 and Backup altimeter p/n 5934PAD-3 s/n 475130 certification carried out IAW CAR 571 app. B. Correlation of encoder/Air data computer #1 and #2 carried out IAW CAR 571 app. F. Transponder (ATC) p/n 011-00779-10 s/n 89109530 , 24 months certification carried out IAW with CAR 571 app. F. Pitot-static leak check c/o IAW CAR 571 app. B. Test performed with ATC 601-2 s/n 224007109 and Air Data Test Set MPS 38B s/n 6394.
3	ELT certification due.	ELT p/n 453-6603 s/n 197-02273 removed and inspected by Aero Teknic WO A2666. ELT reinstalled and tested. Next ELT certification due in January 2013. Next ELT battery replacement due in February 2016.
4	CF90-03R2, Exhaust system inspection.	Exhaust system inspection c/o IAW CF90-03R2 para. (1). No defect found. Next inspection due in 100 hrs or in January 2013.
5	AD2011-26-04, Externally mounted fuel injection lines inspection.	Fuel injection lines inspection c/o IAW AD2011-26-04 para. (k). No leak found. Next inspection due in 100 hrs.
6	AD2011-15-10, AvStar fuel servo.	N/A by fuel servo model.
7	AD2011-13-03, Hartzell engine technologies turbochargers.	N/A by turbochargers time in service.
8	R/H nav light and both rear position light u/s.	R/H nav light replaced with new CMA-7512-24 and both rear position light replaced with new p/n A508-28. Functional check c/o and found serviceable.
9	Beacon light u/s.	Beacon light replaced with new p/n 761-331. Functional check c/o and found serviceable.
10	2 static wick on L/H wing broken and one on R/H wing is damage.	New static wick p/n DD-1W installed as required.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Jean-Philippe Savard License no.: 903191 AMO 39-03 #8

AERO TEKNIC
4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7412A
Date: janv. 19, 2012
Airframe log

Aircraft TTAF : 273.5

Item	Description	Correction
1	AD2011-06-10, Improperly calibrated TIT probe.	TIT probe replaced with new p/n 686-216 IAW AD2011-06-10 para. (g)(6) and Piper SB995C PART 2. Functional check c/o. Next TIT probe replacement due in 250 hrs.
2	SB1243A, Landing gear malfunction.	Landing gear hydraulic pump inspected IAW SB1243A Part 2 para. 1 through 9. Hydraulic pump found serviceable. Gear retraction c/o and hydraulic pump reservoir serviced as required IAW PA46-350P M.M. sect. 12-10-00. No further action required.
3	Boost pump fail light illuminates in flight.	Fuel selector switch adjustment inspected IAW PA46-350P M.M. and found serviceable. Fuel pressure switch adjustment inspected IAW Piper SL1136A and found serviceable. Functional check c/o.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Jean-Philippe Savard License no.: 903191 AMO 39-03 #8

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT FORWARD			273	5	
17 Février 2012	24	7	298	2	Maintenance
~~18 Janvier 2012~~	25	3	~~273~~	~~5~~	
29 March 2012			323	5	AMO 39-03 #8 MISSING ENTRY DONE JAN 18, 2012 AMO 39-03 #8
MAY 02, 2012	37*	7	327	2	STC

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7476
Date: févr. 17, 2012
Airframe log

Aircraft TTAF : 298.2

Item	Description	Correction
1	L/H tire has a flat.	L/H main tire and tube replaced with p/n 070-317-0 s/n 1147S00308. Inner tube replaced with 6.00-6.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Jean-Philippe Savard License no.: 903191 AMO 39-03 #8

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7518
Date: ~~janv. 19, 2012~~ Mai 29, 2012
Airframe log

Aircraft TTAF : ~~273.5~~ ~~323.6~~ 323.5

AMO 39-03 #8 AMO 39-03 #8

Item	Description	Correction
1	Low battery	Removed Battery p/n G250S s/n G02498142. Installed battery p/n G250S s/n G02493652 Serviceable from C-GZZR.
2	COM 1 sidetone too low.	Sst GIA1 sidetone audio output level to 30 (previously set at 12). Adjustment c/o IAW G1000 System Maintenance Manual 190-00907-00 RevC. Ground functional test c/o.
3	406Mhz ELT not programmed with 24 bits protocole.	ELT p/n 453-6603 s/n 197-02273 removed, inspected, tested, and programmed with 24 bits protocole by Sky Service F.B.O. Inc. MWO7734. New 15 HEX ID: A78DF0225200315. ELT reinstalled and tested IAW CAR 571 app.G. Next ELT certification due: March 26, 2013. Next ELT battery replacement due: February 2016.
4	Inspection 50 hres.	Inspection 50 hres c/o as reference Piper Malibu Mirage inspection report p/n 230 1085. Oil changed and serviced with Aeroshell 15W50. Oil filter inspected and replaced with new CH48103. No metal particles found in oil. Ground run c/o, no leak found.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Richard Vogel License no.: 904831 AMO 39-03 #6

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7585
Date: mai 02, 2012
Airframe log

Aircraft TTAF : 327.2

Item	Description	Correction
1	SL1128, Improved capacity battery replacement.	Battery p/n G-250S s/n G02493652 removed and replaced with new battery p/n RG24-17 s/n 40493990. Battery installed IAW Piper SL1128 and capacity battery replacement kit p/n 88495-002. Weight & balance amendment #2 completed. New aircraft weight is 3122.9 lbs at 135.39 inches.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Alex Lussier License no.: 905243 AMO 39-03 #9

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE
BROUGHT FORWARD			157	5	
June 23, 2011	6	3	163	8	Maintenance
Oct 25 2011	61	7	225	5	Maintenance
			225	5	CARRIED FORWARD

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE
BROUGHT FORWARD			117	6	
May 13, 2011	29	7	147	3	
June 10, 2011	10	2	157	5	

Date: March 31, 2011
Registration: C-GZZR
Type: Piper PA46-350P
S/N: 4636469
TTSN: 111.5hrs

MISSING ENTRY

AMO 39-03 #8 AVIATION UNLIMITED MAINTENANCE INC. Transport Canada AMO 65-94 Piper

Pilot reports pressurization problems - a pressurization test was performed, safety & outflow valves opening to spec. Belly drains and outflow valve gasket found leaking. Belly drains cleaned - further testing found no leaks. Removed KTA 810 computer, outflow valve and replaced outflow valve gasket - p/n 755-127 installed. Outflow valve and KTA 810 computer reinstalled. Retested, final leak rate 36.8SCFM.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS.

AUM 1

Date: April 1, 2011
Registration: C-GZZR
Type: Piper PA46-350P
S/N: 4636469
TTSN: hrs

MISSING ENTRY

AMO 39-03 #8 AVIATION UNLIMITED MAINTENANCE INC. Transport Canada AMO 65-94 Piper

Pilot reports pressurization problems - squat switch found out of adjustment, adjusted to MM spec. Pressurization functioned correctly during ground run.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS.

AUM 1

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7476
Date: févr. 17, 2012
Airframe log

Aircraft TTAF : 298.2

Item	Description	Correction
1	L/H tire has a flat.	L/H main tire and tube replaced with p/n 070-317-0 s/n 1147S00308. Inner tube replaced with 6.00-6.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Jean-Philippe Savard License no.: 903191 AMO 39-03 #8

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7518
Date: ~~janv. 18, 2012~~ Mars 29, 2012
Airframe log

Aircraft TTAF : ~~323.5~~ 275.5 323.5

Item	Description	Correction
1	Low battery	Removed Battery p/n G250S s/n G02498142. Installed battery p/n G250S s/n G02493652 Serviceable from C-GZZR.
2	COM 1 sidetone too low.	Sst GIA1 sidetone audio output level to 30 (previously set at 12). Adjustment c/o IAW G1000 System Maintenance Manual 190-00907-00 RevC. Ground functional test c/o.
3	406Mhz ELT not programmed with 24 bits protocole.	ELT p/n 453-6603 s/n 197-02273 removed, inspected, tested, and programmed with 24 bits protocole by Sky Service F.B.O. Inc. MWO7734. New 15 HEX ID: A78DF0225200315. ELT reinstalled and tested IAW CAR 571 app.G. Next ELT certification due: March 26, 2013. Next ELT battery replacement due: February 2016.
4	Inspection 50 hres.	Inspection 50 hres c/o as reference Piper Malibu Mirage inspection report p/n 230 1085. Oil changed and serviced with Aeroshell 15W50. Oil filter inspected and replaced with new CH48103. No metal particles found in oil. Ground run c/o, no leak found.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Richard Vogel AMO 39-03 #6 License no.: 904931

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7585
Date: mai 02, 2012
Airframe log

Aircraft TTAF : 327.2

Item	Description	Correction
1	SL1128, Improved capacity battery replacement.	Battery p/n G-250S s/n G02493652 removed and replaced with new battery p/n RG24-17 s/n 40493990. Battery installed IAW Piper SL1128 and capacity battery replacement kit p/n 88495-002. Weight & balance amendment #2 completed. New aircraft weight is 3122.9 lbs at 135.39 inches.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Alex Lussier License no.: 905243 AMO 39-03 #9



, N D

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT FORWARD			327	2	
02 MAY 2012	Ø	Ø	327	2	MAINTENANCE
20 juin 2012	17	7	344	9	MAINTENANCE
13 dec. 2012	88	0	432	9	
3 Août 2012			370.5		PNeu R/H Replace

CARRIED FORWARD

ND

ENGINEERING RECORD

H PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE

DATE	DAILY TOTAL HRS.	
BROUGHT FORWARD		
02 MARCH 12	0	
20 JUN 2012	17	
13 dec. 2012	68 0	412 8
3 Aout 2012		370.5

A/C MODEL:	PA 46-350P	ACFT:	384 HRS	ETT	384 HRS
A/C REG:	C-GZZK	S/N	4636469	PTT	384 HRS

	RECTIFICATION	WORK ORDER
1	ENGINE OIL CHANGE C/O WITH AEROSHELL 15W50. GRD CHECK SERVICEABLE	150825
2	REPLACED ENGINE OIL FILTER WITH NEW P/N _ CH48103-1 (AV1000113426) GRD CHECK SERVICEABLE. DISMANTLE OLD FILTER FOR METAL CONTAMINATION CHECK	150825
3	VISUAL INSPECTION OF ENGINE AND COMPONANTS GRD CHECK SERVICEABLE CLEANED ENGINE WITH SOFT SOLVANT	150825
4	ENGINE RUN UP C/O WITH FULL POWER CHECK. ENGINE FOUND SERVICEABLE NO LEAK CHECK C/O AND NO LEAK FOUND	150825

The maintenance described above has been accomplished in accordance with the applicable standards of airworthiness.
Date: AUGUST 29 ,2012 signature: licence: 1038218

P Neu R/H Replace

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC

4920, Route de l'Aéroport, St-Hubert, QC J3Y 8Y9
Phone Office.: 1-450-676-6299 Fax: 1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7585
Date: mai 02, 2012
Airframe log

Aircraft TTAF : 327.2

Item	Description	Correction
2	Evacuate air conditioning system as per Piper SL1128. Improved capacity battery replacement kit installation	Air conditioning system evacuated IAW Piper PA46-350P M.M. chap. 21-50-00, Receiver dehydrator replaced with new p/n 601-218 s/n 3078. Air conditioning system serviced IAW Piper PA-46-350P M.M. chap. 21-50-00. Functional check c/o.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness

Name Jean-Philippe Savard License no: 903191

AMO 39-03 #8

AÉROTEKNIC

4920, ROUTE DE L'AÉROPORT□□ST-HUBERT, QC□□J3Y 8Y9□□Ph. Office:1-450-676-6299□□Fax:1-450-676-2760□□info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 7692
Date: ~~nov. 20, 2012~~ 20 juin 2
Airframe log

AMO 39-03 #8

Aircraft TTAF : 344.9

Item	Description	Correction
1	L/H wing nav/strobe light assembly broken	L/H wing nav/strobe light assembly replaced with new p/n 572-593 and installed IAW PA46-350P Maintenance manual chap. 33. Functional check c/o and found serviceable.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness

Name Jean-Philippe Savard License no: 903191

AMO 39-03 #8

ENGINE MODEL: IO-540-K1J5A
ENGINE S/N:
REG. NO: C-GZZR
WORK ORDER: 3245-11-2012

Premier Aircraft Service
Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hangar 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 12/13/2012
A/C TSN: 436.2
ENG TT: 436.2
HOBBS: 403.2

Engine Entries

(2) FOUND OIL IN ALL LOWER SPARK PLUGS, OIL LEAKING PAST ALL PISTON RINGS.... (3) REMOVED #5 CYLINDER FOR INSPECTION OF RINGS AND PISTON, RINGS BURNT AND OIL RING STUCK.... (4) REMOVED REMAINING CYLINDER FOR O/H AND REINSTALLED AFTER CERTIFIED ENGINES (CRS KG4R304M) C/H CYLINDERS IAW TCM IO-550-G O/H AND M/M. RAN ENGINE FOR BREAK-IN. NO LEAKS DETECTED AT THIS TIME.

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED I.A.W. CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION OFFICE.

DATE: 12/13/2012 SIGNED: Richie Quiles, IA: 3244299

Work Order: 3245-11-2012
Printed by EBIS 3 (ebisonmedia.com)

Aviation R&L inc.

4513, ROUTE 373 ST-FÉLICIEN (QUÉBEC) G8K 3A3
Ph. Office:1-418-679-4444
Fax:1-418-679-8692
info@aviationrl.com

Aircraft registration: C-GZZR
Work report number: ARL 5501
Date: août 03, 2012
Journey log

Aircraft TTAF : 370.5
Landing : 0.0

Item	Description	Correction
1	R/H main wheel tire worn	Wheel removed from the aircraft and disassembled, all parts cleaned and inspected, no defects found, bearings cleaned and lubricated. Wheel reassembled using new tire 6.00x6 flight custom III and tube, wheel then reinstalled on the aircraft and secured

6
348053
60
aca

The maintenance described above has been performed in accordance with the applicable standards of airworthiness

Steeve Bergeron License no.: 739779

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE
BROUGHT FORWARD					
18 Jan. 2013	13	1	426		
22 Jan 2013	0	0	426		
29 April 2013			447	12	
					CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

AÉROTEKNIC

4920, ROUTE DE L'AÉROPORT ST-HUBERT, QC J3Y 8Y9 Ph. Office:1-450-676-6299 Fax:1-450-676-2760 info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 8055
Date: janv. 18, 2013
Airframe log

Aircraft TTAF : 426.0

Item	Description	Correction
1	Annual inspection	Annual inspection c/o IAW CAR's STD 625 app. B and C and Piper PA46-350P inspection sheets as reference. Oil changed and serviced with Aeroshell 15W50. Oil filter inspected and replaced with new CH48103. Engine compression at: 75-74-76-76-75-76/80. First aid kit and fire extinguisher inspection c/o. Compass swing c/o. Ground run c/o, no leak found.
2	Stall warning u/s.	Troubleshoot and found lift transducer u/s. Lift transducer replaced with overhauled unit p/n C-52807-2 s/n 726 and adjusted IAW Piper PA46-350P Maintenance manual sect. 27-30-00. Functional check c/o.
3	Both main landing gear upper torque link bushings are loose.	Bushings replaced with new p/n 452-857 on both main landing gears.
4	Nose wheel bearings worn	Nose wheel bearings and cup replaced with new p/n 08125-20629 and 08231-20629.
5	Nose landing gear steering rollers out of adjustment.	Roller replaced with new p/n 83638-006 and re-adjusted as per Piper PA-46-350P Maintenance manual sect. 32-20-00.
6	CF90-03R2, Exhaust heater system inspection.	Exhaust heater system inspection c/o IAW CF90-03R2 Part 1. No leak found. Next inspection due in 100 hrs or in January 2014.
7	AD2011-26-04, Externally mounted fuel injection lines.	Fuel injection lines inspection c/o IAW AD2011-26-04 para. (k). No leak found. Next inspection due in 100 hrs.
8	Some static wicks are broken or missing	New static dischargers p/n 456-904 installed.
9	ELT certification due.	ELT ME406 p/n 453-6603 s/n 197-02273 removed and inspected by Aero Teknic WO A3038, ELT reinstalled and tested. Next ELT certification due in January 16, 2014. Next ELT battery replacement due in February 2016.
10	Manifold pressure at 39.5 in.hg instead of 42 in.hg at full throttle.	Manifold pressure adjusted at 42 in.hg. IAW PA46-350P Maintenance manual sect. 76-10-00. Functional check c/o and found serviceable.
11	AD2012-19-01, Failure of the crankshaft	N/A by engine serial number.
12	AD2012-03-06, Failed fuel servo diaphragm.	N/A by fuel servo model.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Jean-Philippe Savard AMO 39-03 #6 License no.: 903191

AÉROTEKNIC

4920, ROUTE DE L'AÉROPORT ST-HUBERT, QC J3Y 8Y9 Ph. Office:1-450-676-6299 Fax:1-450-676-2760 info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 8055A
Date: janv. 22, 2013
Airframe log

Aircraft TTAF : 426.0

Item	Description	Correction
1	Garmin G1000 upgrade.	Installed Garmin G1000 software version 720.14 IAW Piper SL1148. Fuel and flap calibration c/o. Ground run up and functional check c/o.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Name: Richard Vachel AMO 39-03 #6 License no.: 904931

A/C MODEL:	PA 46-350P	ACTT: 447.2HRS	ETT: 447.2HRS
A/C REG:	C-GZZR	S/N: 4636469	PTT 447.2HRS

	RECTIFICATION	WORK ORDER
1	ENGINE OIL CHANGE C/O WITH AEROSHELL 15 W50 GRD CHECK SERVICEABLE	130429
2	REPLACED ENGINE OIL FILTER WITH NEW P/N ...CH48103-1 (AV000145556) GRD CHECK SERVICEABLE, DISMANTLE OLD FILTER FOR METAL CONTAMINATION CHECK	130429
3	VISUAL INSPECTION OF ENGINE AND COMPONANTS GRD CHECK SERVICEABLE CLEANED ENGINE WITH SOFT SOLVANT	130429
4	REPLACED ONE PROPELLER DEICER WIRE ON PROP HUB WITH NEW P/N ...3H3158-2 (BL41298) FONCTIONAL CHECK OF PROP DEICER SYSTEM GRD CHECK SERVICEABLE	130429
5	ENGINE RUN UP C/O WITH FULL POWER CHECK, ENGINE FOUND SERVICEABLE ,OIL LEAK CHECK C/O AND NO LEAK FOUND	130429

The maintenance described above has been accomplished in accordance with the application standards of airworthiness
Date: APRIL 29 ,2013 signature: licence: M084218

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT FORWARD					

C-GZZR PA46-350P S/N : 4636469 W/O 838

- Engine oil filter opened and inspected for contamination. None found.
  - New CH48103-1 filter installed.
- Engine compression test carried-out: 79, 79, 76, 78, 79, 78/80.

ENGINE GROUND RUN REQUIRED: CHECK ENGINE OPERATION, OIL PRESSURE, OIL LEAKS, AND MAG DROP.

The described maintenance has been performed in accordance with the applicable standards of airworthiness.

Sign: _____ date: 24-07-2013

Lic: M740331 Dave Cussen M740331

		474.9			

C-GZZR PA46-350P S/N : 4636469 W/O 838

AD2013-13-01 Fuel vent valves. Replaced left and right valves with new 106927-001 valves IAW Piper SB1258.

- Engine #3 cylinder exhaust riser cracked.
  - Removed complete r/h side of exhaust system and reinstalled following repair by Acorn Welding LDT.
- Adjusted nose oleo extension as per Service Manual. Nitrogen added.

The described maintenance has been performed in accordance with the applicable standards of airworthiness.

Sign: _____ date: 05 Sept. 2013

Lic: M740331 Dave Cussen M740331

A/C MODEL:	PA 46-350P	ACTT: 535.7HRS	ETT: 535.7HRS
A/C REG:	C-GZZR	S/N: 4636469	PTT 535.7HRS

	RECTIFICATION	WORK ORDER
1	ENGINE OIL CHANGE C/O WITH EXXON ELITE 20W50 (CUSTOMER SUPPLY) AND ADDED 1 QT OF CAM GARD OIL ADDITIF (AVIALL 0001248091-128907) GRD CHECK SERVICEABLE	131023
2	REPLACED ENGINE OIL FILTER WITH NEW P/N ...CH48103-1 (CUSTOMER SUPPLY) GRD CHECK SERVICEABLE, DISMANTLE OLD FILTER FOR METAL CONTAMINATION CHECK	131023
3	VISUAL INSPECTION OF ENGINE AND COMPONANTS GRD CHECK SERVICEABLE CLEANED ENGINE WITH SOFT SOLVANT	131023
4	SERVICED L/H AND R/H MAIN OLEO WITH NITROGEN GRD CHECK SERVICEABLE	131023
5	ENGINE RUN UP C/O WITH FULL POWER CHECK, ENGINE FOUND SERVICEABLE ,OIL LEAK CHECK C/O AND NO LEAK FOUND	131023

The maintenance described above has been accomplished in accordance with the application standards of airworthiness
Date: OCT 23 ,2013 signature: licence: M384218

CARRIED FORWARD

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT FORWARD					

A/C MODEL:	PA 46-350P	ACTT: 551.7HRS	ETT: 551.7HRS
A/C REG:	C-GZZR	S/N: 4636469	PTT 551.7HRS

ENGINE

	RECTIFICATION	WORK ORDER
1	VERIFICATION OF ALTERNATOR NO 2, SYSTEM AND FOUND LOUSSE WIRE ON ALTERNATOR FIELD CONECTION .GRD CHECK SERVICEABLE	131107
2	ENGINE RUN UP C/O FONCTIONAL CHECK OF ALTERNATOR SYSTEM ,GRD CHECK SERVICEABLE	131107

The maintenance described above has been accomplished in accordance with the application standards of airworthiness
Date NOV 07 2013 signature licence M384218

A/C MODEL:	PA 46-350P	ACTT: 554.3HRS	ETT: 554.3HRS
A/C REG:	C-GZZR	S/N: 4636469	PTT 554.3HRS

	RECTIFICATION	WORK ORDER
1	ANNUAL INSPECTION CARRY OUT IAW CARS 625 APPENDIX B AND C	140108
2	ENGINE COMPRESSION CHECK C/O CYLINDER NO 1 77 NO 2 74 NO 3 79 NO 4 72 NO 5 76 NO 6 75 / 80 PSI NO OIL ON SPARK PLUGS ,ENGINE WARM	140108
3	REPLACED ENGINE CRANKSHAFT SEAL WITH NEW P/N LW15628 (AVIA00001267659-132619) GRD CHECK SERVICEABLE	140108
4	ENGINE OIL CHANGE C/O WITH EXXON ELITE 20W50 (CUSTOMER SUPPLY) ADD CAM GARD ADDITIF (00012267659-132619) GRD CHECK SERVICEABLE	140108
5	REPLACED ENGINE OIL FILTER WITH NEW P/N CH48103-1 (CUSTOMER SUPPLY). DISMANTLED OLD FILTER IAW SB 480B FOR METAL CONTAMINATION CHECK	140108
6	REMOVED ALL ENGINE INJECTORS CLEANED WITH ULTRASONIC AND SOFT SOLVENT REINSTALLED WITH LEAK CHECK GRD CHECK SERVICEABLE	140108
7	FOUND ONE SPARK PLUG SHELL CRACKED REPLACED ONE SPARK PLUG WITH NEW P/N RHS36S (AP0000126765 9-132619) GRD CHECK SERVICEABLE	140108
8	REMOVED L/H AND R/H ALTERNATORS FOR 500HR CHECK C/O BY IAR ON W/O 11838-1 REINSTALLED ALTERNATORS P/N AU1065 S/N H20018 AND H19021	140108
9	REGREASED PROPELLER WITH GREASE AEROSHELL NO 6 GRD CHECK SERVICEABLE	140108
10	ENGINE RUN UP C/O AND FOUND SERVICEABLE	140108
11	COMPASS SWING CARRY OUT	140108
12	RPM INDICATOR CHECK CARRY OUT	140108
13	ELT REMOVED AND REINSTALLED AFTER CERTIFICATION BY AEROTECH INC W/O A1323-WI GRD CHECK SERVICEABLE	140108
14	REPLACED CABIN DOOR SEAL WITH NEW SEAL PIPER P/N KIT 88440-002 (APIRE15506) IAW PIPER KIT CABIN DOOR SEAL REPLACEMENT DOC 88440REV 1 30 11 12/02/2008 GLUED SEAL WITH REV157 GRD CHECK SERVICEABLE	140108
15	REPLACED CABIN EMERGENCY DOOR SEAL WITH NEW P/N 686-045(APIRE15506) GLUED SEAL WITH REV157 GRD CHECK SERVICEABLE	140108
16	REMOVED NOSE GEARS ACTUATOR ATTACHING BOLT PAINT STRIPPER APPLY ON ENGINE MOUNT FOR NDT CHECK IAW PIPER SB 1103D AND FOUND CRACK ON HYDRAULIC CYLINDER ATTACHMENT SEE NDT REPORT FORM AVIATION AMO 26-01 DATED 31 JAN 2014 ENGINE MOUNT P/N 89137-042 TO BE REPLACED BY AEROTHEK INC ON W/O 8695	140108
17	1) PEAK INSPECTION CORRESPONDS TO 72A.863 (1) OF CARS 2) PORTABLE FIRE EXTINGUISHER INSPECTION C/O GRD CHECK SERVICEABLE	140108
18	24 MONTHS ON ALTIMETER ENCODER ,TRANSPONDER CERTIFICATION C/O BY SELECT AVIATION ON W/O 64	140108
19	REPLACED IN R/H MAIN GEAR OLEO SEALS WITH NEW P/N 73285-1601 AND SERVICED WITH HYDROLIC OIL MIL 5606 AND NITROGEN GRD CHECK SERVICEABLE	
20	VERIFICATION OF AIRWORTHINESS DIRECTIVE ON WEB SITE OF TRANSPORT CANADA NOTE: AD 2011-06-10 IMPROPELLY TIE PROBE C/O REPLACED JAN 19 2012 2013-13-01 FUEL VENT VALVE INSPECTED OK 2011-26-04 ENGINE FUEL LINE INSPECTED OK	140108

The maintenance described above has been accomplished in accordance with the application standards of airworthiness
Date JAN 18 2014 signature licence M384218

ENGINEERING RECORD

	Select Aviation Inc. AMO 48-91 4789 Blv Allard, Hangar 10 Drummondville, Qc, J2A 2R8 Tel : 819-850-0909	NATURE	LICENCE NUMBER
Immatriculation: C-GZZR Manufacturer: PIPER Model : PA46-350P S/N : 4636469	Airframe time: 554.3 Maintenance Date: 04 Fev. 2014 W.O. 64		
24 months certification carried out. Altimeter air data computer ADC 1 p/n: 011-00882-10 s/n: 20607897. Altimeter air data computer ADC 2 p/n: 011-00882-10 s/n: 20607941 and backup altimeter p/n: 5934PAD-3 s/n: 475130 certification carried out as per CAR 571 Appendix B. Correlation of encoder (air data computer 1 and 2) carried out as per Car 571 Appendix F. Transponder ATC p/n: 011-00779-10 s/n: 89109530, 24 months inspection carried out as per CAR 571 Appendix F. Pitot static leak check carried out as per CAR 571 Appendix B and no defect found. Tested performed with ATC 600A s/n: 2026 and Air Data Test set DPST-8000M s/n: 040115-86.			
Maitenance stated above have been performed in accordance with the applicable standart of airworthiness.			
Date : 04 Fev 2014	Signature	Employee 73480	

AEROTEKNIC

4920, ROUTE DE L'AÉROPORT
ST-HUBERT, QC
J3Y 8Y9
Ph. Office:1-450-676-6299
Fax:1-450-676-2760
info@aeroteknic.com

Aircraft registration: C-GZZR
Work report number: 8695
Date: Feb 21, 2014
Engine log

Aircraft TTAF : 554.3 | Engine (Nose) TTSO : 554.3 | Engine (Nose) SN: L-13487-61A

Item	Description	Correction
1	SB 1103D Engine Mount Inspection To be C/O for prevention maintenance mathors.	During Magnetic Particules inspection of engine mount (Improoved inspection of Part I of SB 1103D) a crack was found on the NLG actuator retaining log of the engine mount. SB 1103D part II was C/O. Engine removed, Nose gear removed, cracked engine mount removed, new engine mount P/N: 89137-042 installed. Nose gear reinstalled, Engine reinstalled, Rigging, functionnal check and leak check C/O on landing gear system. Ground run and leak check C/O, Dual inspection C/O on Engine controls and nose gear steering system and found serviceable. All above maintenance have been C/O IAW PA-46-350P AMM.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness
Name Stéphane Laplante AMO 39-03 #10 License no : 741999

I certify that I have conducted a dual safety inspection of the controls affected by the work done.
Name Jean Philippe Savard AMO 39-03 #8 License no: 903191

	RECTIFICATION	WORK ORDER
12	**RPM INDICATOR CHECK CARD** TRUE /600: 1000 | 1500 | 2000 | 2700 IND. 600: 1000 | 1500 | 2000 | 2680	140108
11	**COMPASS CARD** CAP/ N / 30 | 60 / E | 120 / 150 COR/ 0 +1 | +1 +1 | +1 +1 CAP/ S / 210 | 240 / W | 300 / 330 COR/ +1 0 | 0 0 | 0 0	140108

The maintenance described above has been accomplished in accordance with the application standards of airworthiness
Date: JAN 18 2014 signature: licence: M384218

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD					

AIR SERVICES, INC.
400 REGIONAL AIRPORT RD
CARROLLTON, GA. 30117
FAA Certified Repair Station Z4AR547Y

PHO: (770) 836-9002
FAX (770) 836-6999

PAGE 1 of 2

Airframe Log Book Entry
N446NC

04/16/2015
Hobbs and TTL: 556.2

Wing assembly and horizontal stabilizer removed for transport by trailer. Replaced wing skin LH 83126-002 and wing skin RH 83126-003. Replaced LH AFT inboard spar assembly 83022-004. Performed repair to LH outboard leading edge skin – See Form 8110-3. Repaired forward fuselage area with Piper PN's 89605-006 firewall assembly; 82575-002 Skin wheel well; 83684-004 Hat assembly; 83686-010 Support; 83686-001 Support; 84430-003 Angle; 83687-002 Support. See Form 337 filed this date on repair. Aircraft reassembled and rigged in accordance with Piper Maintenance Manual. Wing installation in accordance with 57-40-00. The following parts were replaced with inspected serviceable parts: complete engine cowling – PN's 89755-002, 101104-002, 101104-003 & 89753-002, circuit board PN 305003-1, air box assembly PN 89721-034. Wing deice boots replaced new SMT5164-11, SMR5164-12. Recognition light assembly 01-0770110-05 (new); NLG rod assembly 83675-002 (new); LH and RH NLG doors 89774-010 and 89774-011; hinges 83685-13 and 83685-14; pins 83685-012 and 83685-

PAGE 2 of 2

010 replaced new; NLG actuator new 106877-003 SN FAH1235 installed; NLG assembly disassembled and inspected by visual and die penetrate methods, new packings installed and reassembled. Both MLG assemblies disassembled and inspected by visual and die penetrate methods, new packings installed and reassembled. New brake pads installed; service all struts with 5606 hydraulic fluid and nitrogen. Reinstalled and performed retraction tests 10 cycles. Service air conditioner system with R134. All critical torque and safety installations inspected by three certified mechanics (SB, RW, MH). Test ELT in accordance with 91.207(d) – Battery expires Feb 2016. Perform 91.411 pitot static leak check – none noted. I certify that this aircraft has been inspected in accordance with the performance rules of a 100 hour/annual inspection in accordance with FAR 43, Appendix D, as applicable and checklist used. AD's checked thru Biweekly Issue 2015-08 for applicability and compliance. See current AD compliance records. There are no expired life limited parts installed in this aircraft. I certify that this aircraft has been repaired and inspected in accordance with current Federal Aviation Administration regulations and is in an airworthy condition. Detail on file under WO # 5329.

Repair Station NO. Z4AR547Y
Sammy Bereznak



					CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

N446NC

04/23/2015. Total time 556.2 hours. This aircraft was inspected and found to meet the requirements for the certificate requested. Standard airworthiness certificate issued this date in accordance with FAR 21.183(d)(1)(2)(3). The next inspection is due in accordance with the aircraft FAA approved inspection program.

Frank O. Ray

Frank O. Ray
DAR-T-919001-SO

New Century Air Service 2 Aero Plaza New Century, KS 66031

10/23/2015 **Hobbs Time 556.2** **Total Time 581.5**

Drained engine oil and serviced with 13 qts AeroShell 15W50 oil. Cut old filter open for inspection, found no contaminants at this timeInstalled new CH48103-1 oil filter. Installed ground wire on Hobbs, **new total time 581.5.** Set E gap on both mags and set timing to 20 degrees . installed 3 new RHB36S spark plugs. Installed new Oring P/N MS29513-011 in left wing fuel sump. Installed new inboard fuel sender P/N 106757-002 S/N 1411 in left wing. Installed new Michelin 6.00-6-8 tire P/N 021-317-1 S/N 4170S00041 on left Main.

Randall Lee Surls _____ AP3275908IA

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD
BROUGHT FORWARD					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

New Century Air Service 2 Aero Plaza New Century, KS 66031

5/16/2016 **N446NC** **Hobbs Time 579.2** **Total Time 604.5**

Inspected **aircraft** IAW an **annual** inspection per FAR 43 appendix D. Opened all inspection panels. Lubed control cables, pulleys and bell cranks. Installed new ELT battery P/N 452-6499, next due APR/2023 and tested per FAR 91.207(d). Installed 2 new B3-5-1 pneumatic filters. Installed new GE 1495 light bulb in baggage compartment. Installed new Goodyear 5.00X5-6 tire on nose gear. Perform gear retraction and emergency extend test. Repacked all wheel bearings. Ground tested and found no discrepancies.

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

Randall Lee Surls Randall Lee Surls AP3275908IA

ALTIMETER SCALE CORRECTION CARD
Aircraft Reg. No. N446NC
Altimeter S/N: Installed

ALTITUDE IN FT.	ALTIMETER READS	ALTITUDE IN FT.	ALTIMETER READS
-1000	-1000	14000	13950
0	0	16000	15940
500	500	18000	17930
1000	1000	20000	19950
1500	1500	22000	21940
2000	2000	25000	24940
3000	3000	30000	29930
4000	4000	35000	
6000	6000	40000	
8000	7990	45000	
10000	9980	50000	
12000	11980		

DATE: 18 MAY 16 TESTED BY: Alan Weller
DODSON AVIATION, INC. CRS# DD6R283X

ALTIMETER AND STATIC SYSTEM TEST REQUIRED AR 91.411 HAVE BEEN PERFORMED. DATA RESPONDENCE TEST PERFORMED. THE ALTIMETER TESTED TO 50K FEET.
#1 SN Installed BLIND ENC. SN Installed
#2 SN Installed
138161 DATE 18 MAY 16
Alan Weller
DODSON AVIATION INC. CRS DD6R283X

ke GARMIN Model GTX33
Installed TSO C74( )/C112 Class
ke GARMIN Model GTX33
Installed TSO C74( )/C112 Class
is A.T.C. Transponder has been Inspected and Tested
W FAR 91.413. Data Correspondence Test Performed
Y: Alan Weller
/O # 138161 DATE 18 MAY 16
FOR DODSON AVIATION INC. CRS DD6R283X

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

New Century Air Service 2 Aero Plaza New Century, KS 66031

7/8/2016 **N446NC** **Hobbs Time 584.0** **Total Time 609.3**

Installed new contact point kit P/N M3081, and capacitor kit P/N K3984 in right mag. Set timing to 20 °. Test ran, no discrepancies noted.

Randall Lee Surls _____ AP3275908

New Century Air Service 2 Aero Plaza New Century, KS 66031

7/8/2017 **N446NC** **Hobbs Time 602.3** **Total Time 627.6**

Inspected **aircraft** IAW an **annual** inspection per FAR 43 appendix D. Opened all inspection panels. Lubed control cables, pulleys and bell cranks. Tested ELT per FAR 91.207(d) and see 406 test report dated 10/7/2017. ELT battery date APR-2023. Repacked wheel bearings. Serviced hydraulic system with 5606. Performed landing gear operation check and emergency extension.

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

Randall Lee Surls _____ AP3275908IA

AIR TIME AND

8-19-2017 Hobbs 605.0 N446NC

Hangar 1 AIRCRAFT INSPECTION

Opened the aircraft for a pre-buy inspection and repaired the following discrepancies. Both main gear hydraulic cylinder attach bolts were found loose and not safetied. Lifted the aircraft in accordance with the service manual, removed the left attach bolt and inspected condition of the threads in the casting. They were found to be un damaged, the bolt was inspected and was undamaged as well. The bolt was installed and torqued IAW the service manual specs. Safety wire and torque strip were installed. The right attach bolt was found one turn loose and was re-torqued, safety installed and torque stripe was applied. Aileron pulley in the right wing root was found to have the lock not installed only two threads, tightened hardware and verified freedom of movement in the control surfaces. Complied with AD2011-06-10 TIT probe was overdue for replacement, installed new 686-216 probe and verified operation IAW SB995C. Aircraft was closed, removed from the jacks and test ran. Complied with SL1108 during engine run using a secondary manifold pressure gauge. Indicated manifold pressure was accurate to calibrated secondary gauge. Secondary lines for the manifold pressure were removed. Aircraft is returned to service as airworthy for the work performed.

Sam Brailsford A&P 3411060 IA

lew Century Air Service 2 Aero Plaza New Century, KS 66031

9/21/2017 N446NC Hobbs Time 608.0

1. Installed serviceable intercooler P/N 20553A S/N J08-7219-4 from Dodson International Parts Inventory.
2. Installed new valve cover gaskets P/N 67195 on #3 and #5 cylinders.
3. Inspected left and right turbo and found only normal wear. Re-assembled with 2 new P/N 78903 gaskets on both turbos.
4. Installed correct new nut P/N 477-664 on upper left engine mount.
5. **A/D 2017-16-11**, effective 8-15-17, Connecting Rod Bushing is N/A per table 1 and 2 of S/B 632B. No further Action required.
6. Inspected de-ice Brushes, found to be within limits in accordance with Piper PA-46-350P MM CH. 30-60-00 PG. 9.
7. Piper S/B 1288A part 1 has been complied with at this time.
8. Piper S/B 1383A part 1 has been complied with at this time. Kit p/n 305216-02 has been order from Sandia (www.Sandia.aero).
9. Removed exhaust header and replaced with serviceable parts: CYL #1 RISER PN 40B19844, CYL #3 RISER PN 40B19827, CYL 1-2 5-6 ADAPTER PN 40B19840. No faults or leaks noted.

Randall Lee Surls AP3275908IA

AIR TIME AND

8-19-2017 Hobbs 605.0 **N446NC**

Hangar 1 AIRCRAFT INSPECTION & REPAIR

Opened the aircraft for a pre-buy inspection and repaired the following discrepancies. Both main gear hydraulic cylinder attach bolts were found loose and not safetied. Lifted the aircraft in accordance with the service manual, removed the left attach bolt and inspected condition of the threads in the casting. They were found to be un damaged, the bolt was inspected and was undamaged as well. The bolt was installed and torqued IAW the service manual specs. Safety wire and torque strip were installed. The right attach bolt was found one turn loose and was re-torqued, safety installed and torque stripe was applied. Aileron pulley in the right wing root was found to have the lock not installed only two threads, tightened hardware and verified freedom of movement in the control surfaces. Complied with AD2011-06-10 TIT probe was overdue for replacement, installed new 686-216 probe and verified operation IAW SB995C. Aircraft was closed, removed from the jacks and test ran. Complied with SL1108 during engine run using a secondary manifold pressure gauge. Indicated manifold pressure was accurate to calibrated secondary gauge. Secondary lines for the manifold pressure were removed. Aircraft is returned to service as airworthy for the work performed.

Sam Brailsford A&P 3411060 IA

lew Century Air Service 2 Aero Plaza New Century, KS 66031

9/21/2017 **N446NC** **Hobbs Time 608.0**

1. Installed serviceable intercooler P/N 20553A S/N J08-7219-4 from Dodson International Parts Inventory.
2. Installed new valve cover gaskets P/N 67195 on #3 and #5 cylinders.
3. Inspected left and right turbo and found only normal wear. Re-assembled with 2 new P/N 78903 gaskets on both turbos.
4. Installed correct new nut P/N 477-664 on upper left engine mount.
5. **A/D 2017-16-11**, effective 8-15-17, Connecting Rod Bushing is N/A per table 1 and 2 of S/B 632B. No further Action required.
6. Inspected de-ice Brushes, found to be within limits in accordance with Piper PA-46-350P MM CH. 30-60-00 PG. 9.
7. Piper S/B 1288A part 1 has been complied with at this time.
8. Piper S/B 1383A part 1 has been complied with at this time. Kit p/n 305216-02 has been order from Sandia (www.Sandia.aero).
9. Removed exhaust header and replaced with serviceable parts: CYL #1 RISER PN 40B19844, CYL #3 RISER PN 40B19827, CYL 1-4 5-6 ADAPTER PN 40B19840. No faults or leaks noted.

Randall Lee Surls AP3275908IA

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

N446NC
Butler Avionics, Inc.

Date – March 1, 2018
Station #TF2R185L

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

Removed the GTX-33 transponder and installed a new FGTX-345R transponder per manufacturer prints and drawings. See Form 337 this date for additional information. There is negligible weight change. A copy of the approved Flight Manual Supplement has been added to the POH.

Signature Gary L Morris Repairman #2347550
WO #MN02420/79744

Registration # N446NC

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

Transponder Model#GTX-345R S/N 4636469
Signature Gary L Morris Date March 1, 2018
Certification No. 2347550 for Butler Avionics, Inc.
FAA Repair Station TF2R185L

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD					

New Century Air Service 2 Aero Plaza New Century, KS 66031

8/8/2018 **N446NC** **Hobbs Time 647.4** **Total Time 672.7**

Inspected **aircraft** IAW an **annual** inspection per FAR 43 appendix D. Opened all inspection panels. Lubed control cables, pulleys and bell cranks. Tested ELT per FAR 91.207(d), see 406 report dated 10/7/2017. Installed 2 new B3-5-1 pneumatic filters. C/W service letter # 1202 by installing 4 new main gear actuator hoses P/N 187-273. Perform gear retraction and emergency extend test. Repacked all wheel bearings. C/W MSB 1283A by installing kit P/N 305216-02 Ground tested and found no discrepancies.

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

Randall Lee Surls _____ AP3275908IA

ALTIMI
Aircraft Reg. No. N446NC
Altimeter S/N: NOLADC AS INSTALLED

ALTITUDE IN FT	ALTIMETER READS	ALTITUDE IN FT	ALTIMETER READS
-1000	-980	14000	14020
0	020	16000	16000
500	520	18000	18090
1000	1020	20000	20100
1500	1520	22000	22130
2000	2020	25000	25130
3000	3030	30000	30130
4000	4030	35000	
6000	6020	40000	
8000	8030	45000	
10000	10020	50000	
12000	12020		

DATE: 8 AUGUST, 18 TESTED BY: _____
DODSON AVIATION, INC. CRS# DD6R283X

New Century Air Service 2 Aero Plaza New Century, KS 66031

8/8/2018 N446NC Hobbs Time 647.4 Total Time 672.7

Installed New EMA Assy. Part # 508358-421, Serial # A18DEC17-55. Installed New Pitot Heat Timer Piper P/N 691-419. All work completed in reference with Piper maintenance manual.

Randall Lee Surls _____ AP3275908IA

CARRIED FORWARD

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD					

2 Aero Plaza New Century, KS 66031

Hobbs Time 647.4 **Total Time 672.7**

al inspection per FAR 43 appendix D. Opened all inspection panels.
d bell cranks. Tested ELT per FAR 91.207(d), see 406 report dated
1 pneumatic filters. C/W service letter # 1202 by installing 4 new
'-273.Perform gear retraction and emergency extend test.
MSB 1283A by installing kit P/N 305216-02 Ground tested and

spected in accordance with an annual inspection and was
ion.

AP3275908IA

THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED
BY FAR 91.411 HAVE BEEN PERFORMED. DATA
CORRESPONDENCE TEST PERFORMED. THE ALTIMETER
WAS TESTED TO 30000 FEET.
ALT #1 SN INSTALLED BLIND ENC. SN
ALT #2 SN INSTALLED BLIND ENC. SN
WO # 220118 DATE AUGUST 9, 18
BY: AN SAR
FOR DODSON AVIATION INC. CRS DD6R283X

New Century Air Service 2 Aero Plaza New Century, KS 66031

8/8/2018 **N446NC** **Hobbs Time 647.4** **Total Time 672.7**

Installed New EMA Assy. Part # 508358-421, Serial # A18DEC17-55. Installed New Pitot Heat Timer Piper P/N 691-419. All work completed in reference with Piper maintenance manual.

Randall Lee Surls AP3275908IA

CARRIED FORWARD

SIGNATURE | LICENCE NUMBER

H&L AIRCRAFT SERVICE, INC
1765 McCollum Pkwy
Kennesaw GA 30144
Tel: 770-427-5400

N446NC
PA46-310
Hobbs: 730.1

Date: 1/24/2019

Replaced left and right main tires with new. Cleaned and serviced all 3 struts with nitrogen. Serviced nose tire.

Kevin Southworth AP3641207

H&L AIRCRAFT SERVICE, INC.
1765 McCollum Pkwy
Kennesaw GA 30144
Tel: 770-427-5400

N446NC
PA46-350P
Hobbs: 791.8

Date: 5/16/2019

Cleaned, prepped, and resealed co-pilot windshield and right forward passenger window. Removed left and right main landing gear oleo struts. Cleaned and resealed. Serviced struts with Mil-H-5606 hydraulic fluid and nitrogen.

Kevin Southworth AP3641207

H&L AIRCRAFT SERVICE, INC.
1765 McCollum Pkwy
Kennesaw GA 30144
Tel: 770-427-5400

N446NC
PA46-350P - 4636496
Hobbs: 830.8
TT Airframe: 856.1

Date: 9/25/2019

I certify that this aircraft has been inspected I/A/W an annual inspection and has been determined to be in airworthy condition. ELT inspected and tested I/A/W FAR 91.207(d), battery pack expires 4/30/2023. Opened all access panels, inspected, and lubricated. Cleaned fuel filter. Serviced battery. Cleaned induction air filter. Jacked aircraft. Performed gear retraction/extension and emergency test. No defects noted. Serviced hydraulic reservoir with Mil-H-5606 hydraulic fluid. Inspected landing gear, brake system, and wheels/tires. Cleaned, inspected, and greased all wheel bearings. Serviced tires to proper pressures. Replaced nose wheel races and bearings with new. Replaced right brake linings with new. Resealed right quick drain cover panel. C/W AD 2015-19-07 by inspection of fuel injector lines and clamps. Due again at @ 930.8. Closed all access panels and cleaned aircraft.

Kevin Southworth 3641207IA

Registration #	N446NC	**Hobbs**	835.7	
Make	Piper	**Tach**	--	
Model	PA 46-350P	**AFTT**	835.7	**AIRFRAME**
Serial #	4636469			
Work Order #	13706			

GEORGIA AVIONICS
CRS# GX4R222M
841 Ronald Wood Road, Suite B, Winder, GA 30680

1 Removed Garmin GTX345 transponder P/N 011-03303-00 S/N 3EH003966. Installed overhauled GTX345 transponder P/N 011-03303-00 S/N 3EH021103. Configured system. Operational check OK.

*****END*****

All work has been performed in accordance with current FAA Regulations and applicable maintenance manuals. Details of work performed are on file under work order referenced above. This airframe or component is approved for return to service with respect to work performed.

Aaron Burkhart
CRS# GX4R222M

ABA 6068

4-Nov-19
Date

AIR TIME AND

DATE	DAILY TOTAL HRS.	DAILY TOTAL MIN.	TOTAL AIR TIME SINCE MFG. HRS.	TOTAL AIR TIME SINCE MFG. MIN.	ENGINEERING RECORD
					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

H&L Aircraft Service, Inc. KRYY
1765 McCollum PKWY (770) 427-5400
Kennesaw, Ga. 30144

N446NC Date: 12/2/2020 Hobbs: 963.5 TTAF: 963.5

I Certify that this aircraft has been inspected in accordance with an annual inspection and is considered to be in airworthy condition. ELT inspected and tested in accordance with FAR 91.207 (d), battery pack expires APR. 2023. Opened access panels, inspected and lubricated. Inspected & Charged battery. Cleaned fuel screen and inspected brakes. Lubricated gear fittings. Cleaned, inspected and greased all wheel bearings. Removed and replaced the following: Induction paper air filter P151936, vacuum regulator filter B3-5-1, TIT probe 686-216, all eight brake linings 66-62, nose wheel tire and inner tube, right main tire and inner tube, the following right gear door aft hinge assembly parts: HINGE P/N 83721-002, DOOR HINGE HALF P/N 83721-003, HINGE PIN P/N 83721-004, SUPPORT RIB BRACKET P/N 83038-003. Serviced gear power pack with MIL-5606 fluid.
C/W AD 2015-19-07 by inspection of fuel injector lines and clamps, due again @ 1063.5 Hobbs
C/W AD 2011-06-10 by replacement of TIT probe, due again @ 1213.5 Hobbs
C/W AD 84-26-02 by replacement of paper element air filter, due again @ 1463.5 hobbs

A&P 2645423 IA
Mark Pfister

AIRFRAME **CRS 50UR487D**

Registration	**N446NC**	**Tach**	**N/A**
Make	**Piper**	**Hobbs**	**977.1**
Model	**PA-46-350P**	**AFTT**	**N/A**
Serial	**4636469**		
Workorder	**350**		

The altimeter and static system tests required by 14 CFR Part 91.411 have been accomplished.
The Pilot altimeter was tested to an altitude of 30,000 feet and found to comply with 14 CFR Part 91.411.
The Co-Pilot altimeter was tested to an altitude of 30,000 feet and found to comply with 14 CFR Part 91.411
The Standby altimeter was tested to an altitude of 30,000 feet and found to comply with 14 CFR Part 91.411.
The ATC Transponder was tested and inspected and found to comply with 14 CFR Part 91.413.

Signature _____ **Date** **12/23/2020**
John Cole Givens

N446NC Date: 4/28/2021 Hobbs: 1020.4

Removed and replaced ships battery with new RG24-17, S/N 41107032 and air oil separator gasket. Ground ran engine, operation check normal.

A&P 2645423 IA
Mark Pfister

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

H&L Aircraft Service, Inc. KRYY
1765 McCollum PKWY (770) 427-5400
Kennesaw, Ga. 30144

N446NC Date: 12/3/2021 Hobbs: 1098.6 TTAF: 1098.6

I Certify that this aircraft has been inspected in accordance with an annual inspection and is considered to be in airworthy condition. ELT inspected and tested in accordance with FAR 91.207 (d), battery pack expires APR. 2023. Opened access panels, inspected and lubricated. Inspected & Charged battery. Cleaned fuel screen and inspected brakes. Lubricated gear fittings. Cleaned, inspected and greased all wheel bearings. Placed aircraft on jacks. Cycled gear. Adjusted nose gear hydraulic valve threaded arm for proper retraction operation. Removed and replaced the following: TIT probe 686-216, left brake linings 66-62, left & right lower wing root skin rivets with new Cherrymax. Serviced gear power pack with MIL-5606 fluid. Taxied aircraft to wear in brake linings. Operational check normal.
C/W AD 2015-19-07 by inspection of fuel injector lines and clamps, due again @ 1198.6 Hobbs
C/W AD 2011-06-10 by replacement of TIT probe, due again @ 1348.6 Hobbs

A&P 2645423 IA
Mark Pfister

H&L Aircraft Service, Inc. KRYY
1765 McCollum PKWY (770) 427-5400
Kennesaw, Ga. 30144

N446NC Date: 8/26/2022 Hobbs: 1171.3 TTAF: 1171.3

Piper PA46-350P Serial No. 4636469

I Certify that this aircraft has been inspected in accordance with an annual inspection and is considered to be in airworthy condition. ELT inspected and tested in accordance with FAR 91.207 (d), battery pack expires APR. 2023. Opened access panels, inspected and lubricated. Inspected & Charged battery. Cleaned fuel screen and inspected brakes. Lubricated gear fittings. Cleaned, inspected and greased all wheel bearings. Placed aircraft on jacks. Cycled gear and preformed an emergency extension. Serviced hydraulic power pack with MIL-5606 fluid. Removed and replaced the following: Paper element induction air filter with new P/N P15-1936, Right brake caliper piston O-ring seals with new MS28775-222, Right main wheel tire with new Goodyear 6.00-6 - 8 ply, Right main wheel inner tube with new Michelin 6.00-6, A/C compressor drive belt with new P/N 37B19774-460, FWD alternator drive belt with new P/N 37A19773-382, REAR alternator drive belt with new P/N 37A19773-464, four exhaust gaskets on left side of engine with new 77611, Two propeller de-ice brush block assemblies with new P/N RA2111U, two adel clamps securing fuel injector lines.

Serviced A/C system with 1.5 Lb. 134A freon. Applied new de-ice boot edge sealant to all boots. Replaced one sheared rivet in left wing lower skin at aft gear well with solid rivet.

C/W AD 2015-19-07 by inspection of fuel injector lines and clamps, changed two clamps with new. Due again @ 1271.3 Hobbs
C/W AD 84-26-02 by replacement of paper element air filter, due again @ 1671.3 hobbs

A&P 2645423 IA
Mark Pfister

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

H&L Aircraft Service, Inc. KRYY
1765 McCollum PKWY (770) 427-5400
Kennesaw, Ga. 30144

N446NC Date: 10/16/2023 Hobbs: 1239.3 TTAF: 1239.3

Piper PA46-350P Serial No. 4636469

I Certify that this aircraft has been inspected in accordance with an annual inspection and is considered to be in airworthy condition. Removed ELT unit for repairs ME406, REV. D, Software: V138A, Part No. 453-6603, Serial No. 197-02273. Placard installed on panel. Opened access panels, inspected and lubricated. Inspected & Charged battery. Cleaned fuel screen and inspected brakes. Lubricated gear fittings. Cleaned, inspected and greased all wheel bearings. Placed aircraft on jacks. Cycled gear and preformed an emergency extension. Operational check of gear and stall warning horn normal. Serviced hydraulic power pack with MIL-5606 fluid. Sealed left and right cabin windows. Re-sealed left gear well fuel pump header tank. Leak check normal.
Removed and replaced the following: two adel clamps securing fuel injector lines.

C/W AD 2015-19-07 by inspection of fuel injector lines and clamps, changed two clamps with new. Due again @ 1339.3 Hobbs
AD 2023-09-09 N/A V-band clamp not spot welded design.

A&P 2645423 IA
Mark Pfister

AIRFRAME

CRS 50UD487D

Registration	N446NC	Tach	N/A
Make	Piper	Hobbs	1247.2
Model	PA-46-350P	AFTT	N/A
Serial	4636469		
Workorder	017		

Complied with Part 91.411 and 91.413 required tests and inspections. All tests found to comply with 14 CFR Part 43 Appendix E and Appendix F. Altimeters are certified to 25,000 feet. Approved for return to service. ***END***

Signature _____ Date 11/16/2023
Steve Givens

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS	SIGNATURE	LICENSE NUMBER

REG. #: 446NC	TYPE: PA46-350P	DATE: 04/03/2024
TACH: N/A	HOBBS: 1266.4	TT: N/A

Removed nose tire and installed new tire (P/N: 06-07100 S/N: 63472219) and inner tube (P/N: GL-5067B). **END**

Aaron Sukotsky A&P: 4317083

EQUINOXX

Mechanic:

850 Airport Road
Lawrenceville, GA 30046
(770) 962-9092

LZU0000210 (02-09-2026)

MAKE: Piper
MODEL: PA-46-350P
S/N: 4636468
REG. NO: N446NC

Equinoxx Aviation Services
Part 145: 1GWRJ12C
850 Airport Rd
Lawrenceville, GA 30046

Page 1 - 3

W/O #: LZU0000210
DATE: 02-09-2026
A/C TT: 1302.1
Hobbs: 1302.1

Airframe Entries

Performed 100-hour annual service and annual inspection. Jacked aircraft opened panels and removed interior for inspection and service. Inspected and repacked wheel bearings. Inspected brakes. Cleaned brakes, calipers, torque plates and pins. Applied dry graphite lube to torque plates and pins. Inspected gear for wear. Inspected tires, and alignment. Checked flight control cable tensions. Checked flight control surface travels. Lubricated aircraft referencing Malibu 350P maintenance manual. Performed gear cycles for inspection and had several fault free cycles. ALL work has been done in accordance with Piper maintenance manual. I certify that this Aircraft was inspected in accordance with an Annual Inspection referencing FAR 43 appendix D checklist, was found to be in airworthy condition and is approved for return to service on this day.

ELT P/N 453-9603 S/N 197-02273 was inspected and tested per instruction in CFR 91.207 (d) 1 thru 4 and found to be in satisfactory condition.

ELT battery next due FEB 2030

Performed Concorde 12 Month ICA, top charged battery and CAP checked. P/N: RG24-17 SN 41107032 Battery passed

Removed engine (P/N: TIO-540-AE2A, S/N: L-13487-61A). Cleaned and inspected engine mount. Installed Overhauled engine (P/N: TIO-540-AE2A, S/N: L-13487-61A). Installed with new isolator mounts (P/N: 475-117, 475-116) Installed new isolator mount bolts and nuts (P/N: AN7-40A). Installed exhaust system provided from overhaul shop. Including turbochargers, and waste gate. Installed provided V-band clamps and new Marmon flange gaskets. Installed new crossover pipe heat shields (P/N: 40J22416) Installed new crossover pipes (P/N: 40B19650, 40B19974). Installed new alternator and AC compressor belts (P/N: 37A19773-382, 37A19773-464, 37B19774-463) set belt tension as per Piper Maintenance Manual. Installed new left inlet air duct (P/N 565-454). Reinstalled all EGT, CHT probes Installed with new cush clamps. Reinstalled Tach pickup, set timing and torqued hold downs. Installed Reseived propeller governor (P/N: S-1-30 SN: G331NJ) Installed with new base gasket, and torqued nuts. Flushed all fuel and oil lines and reconnected. Serviced engine with Phillips 20W50 Type M. Ground performance ran engine. Set manifold, oil pressure and RPM as per Piper Maintenance Manual. Leak checked good.

Applied high temp paint onto engine mount around high heat areas

Removed propeller (P/N: HC-I3VR-1E/7890K SN: HA8326) Installed: REPAIRED propeller (P/N: HC-I3VR-1E/7890K SN: HA8326)

Installed with new packing, torqued and safety wired, connected propeller heat harness. ops checked good.

Replaced multiple static wicks (PN: 456-304) and bases (PN: 452-124) with new.

Repaired crack on LH gear wheel well, (REF: EO PA-46-350P(36606)01) by removing cracked area and adding a filler and doubler patch.

Cleaned main landing gear wheel wells thoroughly using mineral spirits to remove grease, dirt and debris.

Installed new left and right lightning diverter strip (PN: LSD10-01-31-0-W-24.1-D) and painted edges shut.

Removed old and installed new main landing gear strut torque link bushings/bearings P/N: 452-857, main strut bushing P/N: 67026-007, torque link bushing P/N: 31796-000. Replaced with new hardware Bolt P/N: 691-315, Washer P/N: 690-628, Bolt P/N: 691-315, Nut P/N: 404-102, Bolt P/N:691-308. Reinstalled with anti seize and new cotter pins installed. Checked for wheel alignment, Work has been done IA/W Piper Maintenance Manual.

Complied with piper SL1315, (1-8) Removed cleaned, inspected and applied corrosion inhibitor AV8 on trim tab push rods. Reinstalled and ops checked good.

Complied with Piper SB1350A (1-9) Installed new rollers (PN: 83639-002, 83638-006), Installed new bushings (PN: 63903-035, 86700-047) and new bolt (PN: AN3-13A) Set nose gear roller clearance and checked alignment. Work has been done IA/W Piper Maintenance Manual.

Adjusted nose gear rake angle as per Piper Maintenance Manual. Torqued and safety wired bolt.

Replaced fuel bowl screens/ filter with new (PN: 751-821) reassemilled with new stat-o-seal (PN:600-0102-5/16) and O-ring (PN:AS3569-232) Torqued and safety wired bowl. Ops checked good.

Replaced left and right brake linings with new (PN:RA068-06200) Replaced brake discs with new (PN:RA164-21600) and installed new shims (PN:RA068-01100) torqued brake caliper backing plate.

Replaced AFT power pack pressure switch with new (PN: 767-238). Serviced with 5606 hydraulic fluid and cycled gear with fault free cycles.

Tightened loose bolts on radar head.

Replaced tail pipe heat exchanger with new (PN:40B22295)

Replaced #2 alternator brushes with new (PN: ALE-1013AS) Ground ran OPS checked good.

Complied with AD 2015-19-07 amendment 39-18694 dated November 3, 2015 by inspecting fuel injector lines and clamps per paragraph (e), (1) (ii) of AD and inspection instructions, table 1, diagram 20 and inspection checklist in Lycoming Service Bulletin 342G and supplements to 342G. Due every 110 hours, at engine overhaul or when maintenance causes movement to the fuel injector lines.

Removed TIT prob (P/N 686-216) and installed new TIT prob (P/N 686-216) ground ran good. Complied with AD (2011 08-10) dated may
6,2011, by replacing TIT prob with new. Due again in 250 hours.

AD 84-26-02 Paper induction air filter is not due. Current air filter has 131.1HRS. Filter is next due at 1671.00 Hobbs time.

Repaired forward RH engine baffle.

SB1390A Inspected nose ger spring, measured and found spring to be correct thickness.

SB 1103F, performed visual inspection of engine mount, no cracks were found.

Repositioned, and replaced TIT probe ring terminals with new.

Installed new ring terminal on starter cable to starter.

Rigged ALT air door and installed new hardware (PN: 460-662, CA70371-003) as per Piper Maintenance Manual.

Cleaned and repacked LH brake caliper installed new packing (PN: MS28775-222) Bleed brakes and serviced reservoir.

Dressed De-ice boots with PBS

DATE: 02-09-2026 SIGNED: Phillip Danishuk
A&P IA: 4470563

Make: PIPER
Model: PA-46-350P
SN: 4636469
Reg. No: N446NC
Hobbs: 1302.1

EQUINOXX
— AVIATION SERVICES —

850 Airport Road Box 7
Lawrenceville, GA 30046
770-962-9092

Removed Standby Altimeter PN: 5934PAD-3, SN: 475130, installed PN: 5934PA-3 SN: 454582. Ref: MidContinent 8130-3 Form Tracking # 000666940. Accomplished 14 CFR Part 91.411 and 91.413 required tests and inspections IAW 14 CFR Part 43 Appendix E & F. #1 ADC PN: 011-00882-10 SN: 20607897, 2 ADC PN: 011-00882-10 SN: 20607941, Standby PN: 5934PA-3 SN: 454582 certified to 35,000 feet. #1 Transponder PN: 011-03303-00 SN: 3EH021103. This aircraft is approved for return to service. Refer to Equinoxx Aviation W/O No. 1362 for details.

Signature: Matthew Katz DATE: 02-10-2026

FAA APPROVED CRS# 1GWR012C