

2010 PIPER MATRIX PA46R-350T

N612Z

S/N 4692142



Aircraft Specifications & History

Aircraft Logbooks, AD List,
Weight & Balance, SB List,
Maintenance Schedule



Office: 781.834.4928
24 HR Cell: 781.249.7330

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050

2010 G1000 Piper Matrix s/n 4692142, N612Z

Airframe Total Time Since New: 330 Hours

Engine: Lycoming TIO-540-AE2A
350 HP Turbocharged Engine

Engine Total Time Since New: 330 Hours

Propeller: Hartzell HC-13YR-1N 3-Blade
Constant Speed Composite
Prop Total Time Since New: 330 Hours

Avionics Suite:

Optional Garmin G1000 WAAS Avionics Suite

- Dual 10" PFDs
- Single 15" MFD
- Dual GIA 63W Nav/Com/GPS
- GMC 710 AO Controller, GCU 476 Keypad
- Garmin FliteCharts
- Safe Taxi
- Synthetic Vision
- Dual GMA 1347 Audio Panels
- Dual GDC 74A Air Data Computers
- Garmin GFC 700 Autopilot

Honeywell KTA 870 Traffic Advisory System
WX-500 Stormscope

Garmin TAWS-B System

Garmin GDL69A XM Radio and Weather Receiver

Dual GTX 33 Digital Transponders

Jeppesen Chartview

Additional Options:

- Flight Into Known Icing Package
- Precise Flight Speed Brake System
- Lopresti Hubcap conversion for main wheels to facilitate easier servicing of tire pressure
- GRT10 / GRC10 Wireless Remote System
- Ameriking AK551-9A 24V-12V converter
- iPod & Cellphone jacks installed in Co-Pilot Panel (Crew Music Input – Enables Crew and Passengers to listen to different things, Passengers can listen to XM and Crew to their iPod or iPad. There is a retractable cable in the copilot pocket)





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**2010 G1000 Piper Matrix
s/n 4692142, N612Z**

Additional Equipment:

Fixed Oxygen
Piper Air Conditioning
Stand-by Flight Instruments
Artex ELT
Reiff Turbo XP Engine Heater
SL1128, Upgraded Battery

Specifications:

120 Gallon Fuel Capacity
Cruising Speed: 213 KTAS
Range w/ 45 Minute Reserve: 1343 NM
Max Service Ceiling: 25,000 feet
Max Takeoff Weight: 4,358 lbs
Empty Weight: 3104.6 lbs
Useful Load: 1253.4 lbs



Interior:

Luxurious cabin class interior in Dark Khaki Leather. Aft Airstair door, work station with individual reading lights, power supply for laptop, cup holders, adjustable air vents, reclining seats with armrests, interior and exterior baggage space. Family and friends will enjoy the well thought out amenities of the spacious and comfortable Matrix interior!

Exterior:

Custom paint scheme in Matterhorn White over Strawberry Pearl with Black Metallic and Harvest Gold Metallic Accents. Registration is Vinyl. Pick your own custom Tail Number!

Inspection Status & Comments:

Piper Service Center Annual Completed September, 2016

IFR Certification Due: April, 2018

Piper Service Center maintained, no damage history, always hangered, beautiful!

Priced to sell- owner has taken delivery of his new aircraft!

Price: MAKE OFFER

Contact: Ann Pollard @ 781-249-7330

Office: 781.834.4928 Cell: 781.249.7330

SPECIFICATIONS ARE SUBJECT TO VERIFICATION BY INSPECTION









Exclusively offered by Shoreline Aviation, Inc. ➔ 888-291-JETS (5387) ➔ shorelineaviation.net

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N212Z	2. MANUFACTURER AND MODEL Piper Aircraft Inc. PA46R-350T	3. AIRCRAFT SERIAL NUMBER 4692142	4. CATEGORY Normal
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5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex B to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

NONE

6. TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE

R03/23/2010

FAA REPRESENTATIVE

Peter G. Conner
Peter G. Conner

DESIGNATION NUMBER

NE801001DART

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (8-82)

U.S. GPO-2001 - 668-455

2010 PIPER MATRIX PA46R-350T

N212Z

S/N 4692142



AIRCRAFT LOG

AIRCRAFT LOG



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AIRCRAFT DESCRIPTION

Registration No. N6102F

Model: PA-46R-350T Popular Name: MALIBU MATRIX

Serial No.: 4692142 Type Certificate No.: A2550

Colors: MATTERHORN WHITE

Engine Manufacturer: LYCOMING Serial Numbers: Single L-13481-61A

Original Engine Model: TIO-540-AE2A Left _____

Right _____

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single NM30B

Original Propeller Model: HC-I3Y1R-IN Left _____

Right _____

Blade Numbers

Left

Right

A3683

A3671

A3674

2010 MODEL

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3 2010	→	9.2	I find that the aircraft meets the requirements of the certification requested and have issued a Standard Airworthiness Certificate.	
			The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested:	
			On (Pit) 02/14/10 (Sec) 02/14/10	
			55,000 ft 55,000 ft	
			The ELT is installed per FAR 91.207. Battery Replacement date: FEB 2010	
			Dated: MAR 23 2010	
			Robert L. Olsen ROBERT L. OLSEN DMIR-832848-CE	
			Piper Aircraft, Inc. Vero Beach, Florida	
ward		9.2		

Registration No. N6102F

and Remarks	Signature	Certificate No.
The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.		
1. Make <u>GARMIN</u> Model <u>GTX 33</u> SN <u>89109500</u>		
2. Make <u>NA</u> Model <u>NA</u> SN <u>NA</u>		
Details of this inspections are on file at this facility under:		
ACFT SN <u>4692142</u> Date <u>03/05/10</u>		
The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: <u>03/05/10</u>		
<u>Robert L. Olsen</u> ROBERT L. OLSEN DMIR-832848-CE		
Piper Aircraft, Inc. Vero Beach, Florida		

AIRCRAFT LOG

Registration No. N6102F

010		This Date Brought Forward →	Total	Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.																				
			9.2		<p>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) 00089-2. The settings for this aircraft are:</p> <p>Trimmers 4'-X5</p> <p>STALL WARNING TP 084MS</p> <table><tr><th>POWER</th><th>FLAPS</th><th>ACTUAL SETTINGS</th></tr><tr><td>ON</td><td>Full Up 0°</td><td>+2.8</td></tr><tr><td>OFF</td><td>10° - 20°</td><td>+0.3</td></tr><tr><td>OFF</td><td>Full Down 20°</td><td>-0.5</td></tr><tr><td>ON</td><td>Full Up 0°</td><td>+1.3</td></tr><tr><td>ON</td><td>10° - 20°</td><td>-0.9</td></tr><tr><td>ON</td><td>Full Down 20°</td><td>-1.8</td></tr></table> <p>Signature: <u>Robert L. Olsen</u></p> <p>PIPER AIRCRAFT, INC.</p> <p>ROBERT L. OLSEN DMIR-832848-CE</p>	POWER	FLAPS	ACTUAL SETTINGS	ON	Full Up 0°	+2.8	OFF	10° - 20°	+0.3	OFF	Full Down 20°	-0.5	ON	Full Up 0°	+1.3	ON	10° - 20°	-0.9	ON	Full Down 20°	-1.8		
POWER	FLAPS	ACTUAL SETTINGS																										
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			9.2																									

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

MAKE: Piper
MODEL: PA46R-350T
S/N: 4692142
REG NO: N6102F
WORK ORDER:
1105-05-2010

Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, FL 32960
Phone: 772-567-4361 ext 2671

DATE: 5/13/2010
A/C TSN: 12.2
HOBBS: 12.2

Airframe Entries

Removed ELT s/n 197-01690 with inadvertent activation, installed new ELT p/n 453-6603 s/n 197-02298 and performed operational check per Piper M/M 761-876 chapter 25-60-00. Battery expiration date FEB 2016.

Maintenance Release

The aircraft and/or component(s) on N6102F was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1105-05-2010. Dated 5/13/2010.

DATE: 5/13/2010

SIGNED:

Frank Hoos

Work Order: 1105-05-2010

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Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>MAKE: Piper MODEL: PA46R-350T S/N: 4692142 REG. NO: N6102F WORK ORDER: 1118-05-2010</p> <p>Piper Aircraft, Inc. 2926 Piper Drive Vero Beach, FL 32960 Phone: 772-567-4361 ext 2671</p> <p>DATE: 6/1/2010 A/C TSN: 12.2 HOBBS: 12.2</p> <p>Airframe Entries Removed battery s/n G 02493665 and installed new battery p/n 601-915 s/n G 02498450 per Piper M/M 761-876 chapter 24-30-00. Operational check of battery acceptable.</p> <p>Maintenance Release</p> <p>The aircraft and/or component(s) on N6102F was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1118-05-2010, Dated 6/1/2010.</p> <p>DATE: 6/1/2010 SIGNED: <i>Frank Haas</i> Work Order: 1118-05-2010 Printed by EBis 3 (datcomedia.com)</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

ENGINE MODEL:
TIO-540-AE2A
ENGINE S/N: L-13481-61A
REG. NO: N6102F
WORK ORDER:
1137-06-2010

Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, FL 32960
Phone: 772-567-4361 ext 2671

DATE: 6/16/2010
A/C TSN: 22.3
ENG TT: 22.3
HOBBS: 22.3

Engine Entries

Drained oil, removed oil filter and cut open to check for contaminants, installed new oil filter p/n CH48103-1. Added 12 Qts Exxon Elite engine oil per Piper M/M 761-876 chapter 12-10-00. Ground run and leak check acceptable.

Maintenance Release

The aircraft and/or component(s) on N6102F was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1137-06-2010, Dated 6/16/2010.

DATE: 6/16/2010

SIGNED:

Frank Haas

Work Order: 1137-06-2010

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Total To Carry Forward				

Registration No. _____

and Remarks

Signature

Certificate No.

Date: 7/20/2010

Hobbs: 45.4

WO#: 6544



Aircraft Log

A/C Reg#: N6102F

A/C Serial#: 4692142

A/C Model: PA46R-350T

1. Installed Garmin GDL69A XM Sattelite Receiver with GRT10/GRC10 Wireless Remote System. Installation was performed in accordance with the manufacturer's installation manuals and AML STC SA01487SE-D. Affected systems were ground checked without discrepancy. Ref FAA Form 337 dated 7/20/2010.
2. Installed Ameri-King AK551-9A 24-12vdc Converter in accordance with the manufacturer's installation instructions and AC43.13 as a MINOR alteration. Ground checked without discrepancy.
3. Installed iPod and Cell Phone jacks on the co-pilot's instrument panel in accordance with the manufacturer's installation instructions and AC43.13 as a MINOR alteration. Ground checked without discrepancy.

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: _____

Ret Leavelle
Vero Beach Avionics, Inc. Vero Beach, FL. 32960 (772) 299-0770

FAA CRS VQVR013Y

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

MAKE: Piper
 MODEL: PA46R-350T
 S/N: 4692142
 REG. NO: N83ML
 WORK ORDER:
 1150-06-2010

Piper Aircraft, Inc.
 2926 Piper Drive
 Vero Beach, FL 32960
 Phone: 772-567-4361 ext 2671

DATE: 8/3/2010
 A/C TSN: 45.4
 HOBBS: 45.4

Airframe Entries

Performed First 50 Hour Airframe Inspection using Piper Checklist 767-043 as a guide. Checked and adjusted cable tensions, cleaned and repacked wheel bearings, checked all lights and strobes. Lubed all pulleys and hinges. ELT expires FEB/2016. AD's searched thru biweekly 2010-13, see AD Compliance Record.... Complied with 30 day inspections per Piper M/M 751-876 chapter 5-30-00. Battery compartment, fire extinguisher and operational check of ELT acceptable.... Complied with recurring AD 84-26-02. Inspected paper air filter for deterioration, filter serviceable. Filter total time 45.4 and next inspection due at 145 hours on hobbs meter.... Complied with AD 2008-14-07. Prevent failure of fuel injector lines that would allow fuel to spray into the engine compartment. By repetitive inspection per paragraph [J]. No discrepancies noted at this time.... Complied with AD 2009-02-03. To prevent a lean running engine. Visually inspected servo and verified letter "G" stamped on hex plug. Terminating action per paragraph [I] [6].... Complied with Piper Service Letter 1122, G1000 Split Communications Enable. Enabled option as per Service Letter. Operational check acceptable.... Complied with Piper Service Letter 1127 Emergency Exit interior panel fastener replacement. Removed existing loop tape and replaced with new 3M SJ 3542 hook tape per SB Instructions.... Installed PRECISE FLIGHT 2000 Electric SpeedBrake Kit per STC SA00520SE, Piper Print 101302-002 and Piper M/M 761-876. This is Piper Marketing Option 470 and considered a minor alteration. Installed Asymmetric Logic Control p/n 01050302-1 s/n ALC 2315, right cartridge p/n 01050059-53 s/n 985977 and left cartridge p/n 50059-54 s/n 985978. Verified Flight Manual Supplement is in POH, updated Equipment List in POH and updated Weight and Balance Record in POH. Ground operational check acceptable. Flight check acceptable.... Removed left fuel sump drain and installed new drain p/n 492-361 per Piper M/M 761-876 chapter 28-20-00. Installation and leak test acceptable.... Stowed all window shades, operation of shades acceptable.... Verified rudder rigging per Piper M/M 761-876 chapter 27-20-00, rigging acceptable.... Re-indexed elevator trim indicator to the correct position on the trim wheel. Operational check acceptable.... Removed binding nose wheel roller bolt and installed new bolt p/n 400-475. Adjusted nose gear doors per Piper M/M 761-876 chapter 32-20-00. Adjustment and gear swing acceptable. Flight check required.... Removed and replaced pilot side aft facing seat recline cable p/n 84255-002. Seat recline operation satisfactory.... Piper does not enable this option. G1000 Pilot Guide has instructions for enabling this option. See Section 5 Flight Management, Navigation Map Setup Menu-Aviation Group Setup [page 163].... Verified correct operation of fuel flow transducer. Performed full range accuracy test of the fuel quantity indicators per Piper M/M 761-876 chapter 28-40-00, with discrepancies noted. Performed fuel quantity calibration. Operation of fuel quantity system acceptable. Flight check acceptable.... Aircraft trim paint added by Piper Paint Shop on wo 735067. Bottom Base B, L3649 Strawberry Pearl; Trim C, L0216 Black Metallic; Accent D, P1222 Harvest Gold Metallic.... Weighed

and Remarks

Signature

Certificate No.

aircraft after paint and updated Weight and Balance Record in POH.... Removed rudder, verified balance and reinstalled per Piper M/M 761-876 chapter 55-40-00. Rudder balance and installation acceptable. Flight check acceptable.... Changed the registration number on Transponder Configuration Page of the #1 PFD from N6102F to N83ML per Piper PPS 55026. Replaced registration placard on instrument panel.... Serviced oxygen cylinder per Piper M/M 761-876 chapter 35-20-00. Cylinder pressure acceptable.

Maintenance Release

The aircraft and/or component(s) on N83ML was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1150-06-2010, Dated 8/3/2010.

DATE: 8/3/2010

SIGNED:

Frank Haas

Work Order: 1150-06-2010

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Airframe

A/C REG: N83ML

LOG BOOK ENTRY

Page 1 of 1

4692142

A/C S/N:

DATE: 09/14/2010

A/C TOTAL TIME:

HOUR METER: 98.0

W/O NO: A-10-2552

ENGINE TOTAL TIME

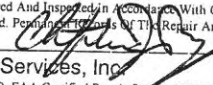
S.M.O.H.

1. Removed defective TAS antenna KA-815 P/N 071-01599-010 S/N 22316 and installed warranty exchange KA-815 P/N 071-01599-0100 S/N 22989 onto aircraft. Operational check satisfactory.

- END -

Maintenance Release

The Aircraft Airframe, Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration And Is Approved For Return To Service For The Work Performed. Pending Approval Of The Repair Are On File At This Repair Station Under:

W/O# A-10-2552 Date: 09/14/2010 Signed: 

Columbia Air Services, Inc.

Groton-New London Airport Groton, CT 06340 FAA Certified Repair Station # SO5R204N

Registration No. _____

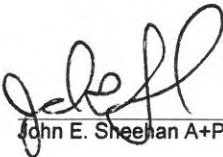
Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signature

Certificate No.

N#: 83ML Ser. #: 4692142 Eng TT: 109.5
Date: 09-27-2010 Hobbs: 109.5 ACTT: 109.5

Installed new fuel senders in both wings. Right outboard p/n 106758-002, right inboard p/n 106757-002. Left outboard p/n 106756-002, left inboard p/n 106755-002. Calibrated fuel quantity indicator system IAW procedure from the maintenance manual. Installed LoPresti Speed Merchants wheel hub caps on both main wheels IAW STC SA01224AT See FAA form 337 for more info.



John E. Sheehan A+P 3439269 IA

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: 83ML Ser. #: 4692142 Eng TT: 114.3
Date: 10-05-2010 Hobbs: 114.3 ACTT: 114.3
Installed new right taxi light lens p/n 82244-003.



John E. Sheehan A&P 3439269IA

N#: 83ML Ser. #: 4692142 Eng TT: 121.4
Date: 10-07-2010 Hobbs: 121.4 ACTT: 121.4

Installed 2 new Michelin Air main tires p/n 070-317-0. Serviced wheel bearings.

John E. Sheehan A&P 34392691A

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: N83ML

Date: 11-03-2010 Hobbs: 132.8

1) Removed and reinstalled both speedbrake cartridges and the speedbrake assymetric logic control box after repairs to all of the above at Precise Flight. See the attached 8130-3 form for details. Ground functional check was satisfactory.

Page 2 of 2

Total To
Carry Forward

Edward J. Novak Jr.
Edward J. Novak Jr. A+P 28320241A

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Maintenance

N#: 83ML Ser. #: 4692142 Eng TT: 147.5
Date: 12-22-2010 Hobbs: 147.5 ACTT: 147.5

Installed Reiff Turbo XP system p/n TXPL6 consisting of Hotband cylinder heating system and Reiff Hotstrip oil sump heater. Operations check OK.

Signature	Certificate No.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521




John E. Sheehan A+P 3439269 IA

N#: N212Z

Date: 02-11-2011 Hobbs: 158.3

- 1) Aircraft registration number changed from N83ML to N212Z. New registration number decals applied to fuselage.
- 2) N# changed in the G1000 transponder configuration screen from N83ML to N212Z
- 3) N# placard on the instrument panel changed from N83ML to N212Z.

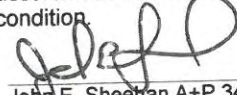

Edward J. Novak Jr. A+P 2832024 IA

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Maintenanc

N#: N212Z Ser. #: 4692142 Eng TT: 180.4
Date: 03-18-2011 Hobbs: 180.4 ACTT: 180.4

Completed Annual insp. per FAR 43, App D using Piper form 767-011 as a guide. C/W FAR 91.207(d) on the ELT and found no defects - ELT battery due date is 02/16. AD 84-26-02 (R+R of eng. air filter) is due at 500.0. C/W Piper 30 day, 90 day, 6 month and 12 month special insps. C/W Piper SL 1138 by modifying the lift detector per 652-689 instructions. C/W Piper SL 1131 (aileron sector lube). C/W Piper SL 1136 (cables & pulleys insp.). C/W Piper SL 1136 on the fuel pressure switch. Installed all new RA66-62 brake pads. Install a new fin beacon light bulb part # 34-0041987-02. Installed one additional washer under the nut of the 6 bolts attaching the fwd. vert. fin spar and also under the nut of the two fwd. horiz. stab. attach bolts - torqued thses nuts per the maint. manual. I certify that this airframe has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.



John E. Sheehan A+P 3439269 IA

Total To Carry Forward				

Maintenance

and Remarks

Signature

Certificate No.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: N212Z

Ser. #: 4692142

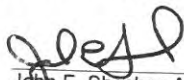
Eng TT: 240.2

Date: 03-16-2012

Hobbs: 240.2

ACTT: 240.2

- Completed Annual Inspection per FAR 43, App D using Piper form 767 -011 as a guide. Drained oil, added 11 qts. Exxon Elite 20w-50 oil.
- Installed a new AA48103-2 oil filter - C/W Lyco SB 1492D (piston pin plug wear) - oil sample sent out and oil filter was cut open and insp. Cyl. Comp. 1) 78/80 2) 80/80 3) 80/80 4) 78/80 5) 78/80 6) 78/80. C/W AD 2011-26-04 on fuel lines - no defects noted - next due 340.2 or next Annual. C/W Lyco. SB's 521 & 531 on the turbos and exhaust system.
- Installed two new 40D23255-340M turbo tailpipe clamps. C/W 500 hr. internal insp to both magnetos - adjusted internal timing only - no other defects noted - reinstalled and timed magnetos. Engine ground runup and functional check satisfactory with no fuel or oil leaks noted. I certify that this engine has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.



John E. Sheehan A+P 3439269 IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought →			

<p style="text-align: center;">SOUTH CAROLINA AVIONICS LLC FAA CERTIFIED REPAIR STATION C2BR553W <small>ALTIMETER SCALE ERROR CORRECTION CARD Doc #ECG103</small></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>TEST PT(FT)</th> <th>PILOT PT(FT)</th> <th>COPILOT PT(FT)</th> </tr> </thead> <tbody> <tr><td>-1,000</td><td>8</td><td></td></tr> <tr><td>0</td><td>10</td><td></td></tr> <tr><td>500</td><td>10</td><td></td></tr> <tr><td>1,000</td><td>10</td><td></td></tr> <tr><td>1,500</td><td>10</td><td></td></tr> <tr><td>2,000</td><td>10</td><td></td></tr> <tr><td>3,000</td><td>15</td><td></td></tr> <tr><td>4,000</td><td>15</td><td></td></tr> <tr><td>6,000</td><td>20</td><td></td></tr> <tr><td>8,000</td><td>25</td><td></td></tr> <tr><td>10,000</td><td>30</td><td></td></tr> <tr><td>12,000</td><td>30</td><td></td></tr> <tr><td>14,000</td><td>30</td><td></td></tr> <tr><td>16,000</td><td>30</td><td></td></tr> <tr><td>18,000</td><td>40</td><td></td></tr> <tr><td>20,000</td><td>45</td><td></td></tr> <tr><td>22,000</td><td>50</td><td></td></tr> <tr><td>25,000</td><td>55</td><td></td></tr> <tr><td>30,000</td><td>55</td><td></td></tr> <tr><td>35,000</td><td>70</td><td></td></tr> <tr><td>40,000</td><td>X</td><td></td></tr> <tr><td>45,000</td><td></td><td></td></tr> <tr><td>50,000</td><td></td><td></td></tr> </tbody> </table>	TEST PT(FT)	PILOT PT(FT)	COPILOT PT(FT)	-1,000	8		0	10		500	10		1,000	10		1,500	10		2,000	10		3,000	15		4,000	15		6,000	20		8,000	25		10,000	30		12,000	30		14,000	30		16,000	30		18,000	40		20,000	45		22,000	50		25,000	55		30,000	55		35,000	70		40,000	X		45,000			50,000			<p style="text-align: center;">SOUTH CAROLINA AVIONICS LLC FAA CERTIFIED REPAIR STATION C2BR553W <small>Doc # CERT 91.411</small></p> <p style="text-align: center;">FAR 91.411 ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL THE SPECIFICATIONS OF APPENDIX E OF PART 43</p> <p>PILOT POSITION S/N — <u>UNC</u></p> <p>CO-PILOT POSITION S/N — <u>UNC</u></p> <p>DATE <u>3-27-12</u> W/O <u>168-12</u></p> <p>INSPECTOR <u>JOE DEFEQ</u> REPAIRMAN 3387787 A&P 3222630</p>	<p style="text-align: center;">SOUTH CAROLINA AVIONICS LLC FAA CERTIFIED REPAIR STATION C2BR553W <small>Doc # CERT 91.413</small></p> <p style="text-align: center;">FAR 91.413 THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C</p> <p style="text-align: center;">TRANSPONDER #1 MAKE <u>Garmin</u> MODEL <u>GTx-33</u> S/N <u>89109500</u></p> <p style="text-align: center;">TRANSPONDER #2 MAKE <u>X</u> MODEL <u>X</u> S/N <u>X</u></p> <p>DATE <u>3-27-12</u> W/O <u>168-12</u></p> <p>INSPECTOR <u>JOE DEFEQ</u> REPAIRMAN 3387787 A&P 3222630</p>
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SER # UM SER # UM
 DATE 3-27-12 DATE 3-27-12

Registration No. _____

**Shoreline
AVIATION**

Shoreline Aviation, Inc.
Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

Certificate No. _____

4/11/2013

N212Z

PA46R-350T, serial # 4692142

Aircraft Logbook

Hobbs Hours: 294.8 :: Aircraft TT: 294.8 :: Engine TT: 294.8 :: Prop. TT: 294.8

Completed annual inspection in accordance with FAR 43, app. D using Piper form 767-011 as a guide.

- 1) Complied with FAR 91.207(d) on the ELT and noted no defects. Next due 04/14. ELT battery is due 02/16.
- 2) Complied with the following Piper Special Insp.: 30 day, 90 day, 4 month, 6 month, 1 year, & 50 hr.
- 3) C/W Piper SB 1256 by modifying the nose gear torque link hardware per bulletin instructions.
- 4) C/W Piper SL's 1131 (lube of aileron bellcrank) and 1135 (insp. of flight control cables and pulleys).
- 5) C/W Piper SL 1168 by modifying the alternator fail circuit wiring per letter instructions.
- 6) R+R all four fuel quantity sender units with new (part #'s 601-643, RH otbd., 601-644, RH inbd., 601-641 LH otbd., & 601-642, LH inbd.) Completed fuel quantity system calibration process per maint. Manual instructions.
- 7) R+R standby gyro battery pack with a new 9015607 battery pack. Next R+R due 04/16.
- 8) Resealed and serviced both main struts using new 485-082 seals and MS28775-227 o-rings.
- 9) R+R all three tires with new Michelin Air tires (6.00x6 8pr mains & 5.00x5 6pr nose).
- 10) R+R both brake discs with new RA164-21600 units and R+R all brake pads with new APS66-06200 units.
- 11) Adjusted aileron and elevator cable tensions and resafted the turnbuckles.
- 12) R+R 5 static discharge wicks with new part # DD1W units.
- 13) R+R main landing gear upper torque link bushings (part # 452-857) and bolts (part # 601-915) with new parts on both main gear.
- 14) R+R main aircraft battery with a new 601-915 unit, serial # G02750447.

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

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed _____

John E. Sheehan A+P 3439269 IA

EMERGENCY BATTERY REPLACEMENT

Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212. Date of Manufacture: April 2013

AIRCRAFT LOG

Shoreline
AVIATION

Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

nance

4/22/2014 N212Z PA46R-350T, serial # 4692142

Aircraft Logbook

Hobbs Hours: 309.3 :: Aircraft TT: 309.3 :: #1 Engine TT: 309.3 :: Prop. TT: 309.3

Completed Annual insp. Per FAR part 43, appendix D using Piper form 767-008 as a guide.

- 1) Complied with FAR 91.207(d) on the ELT and noted no defects. Next due 04/15. ELT battery is due 02/16
- 2) C/W Piper Service Letter 1128 by installing Piper kit p/n 88495-002 and a new RG-17 (Piper p/n 601-919) battery. Weight and balance updated.
- 3) C/W Piper Service Letter 1159 by installing all new fuel quantity sender units (part #'s 601-645, -646, -647 648) per Service Letter instructions. Fuel quantity calibration process completed with satisfactory results.
- 4) Completed the following special inspection items: 30 day, 90 day, 4 month, 6 month, on year and standby gyro battery pack capacity check.
- 5) C/W Piper Service Bulletin 1250A by adding rev. 8 to the P.O.H.
- 6) C/W Piper Service Letters 1131 & 1135 by lube of the aileron wing bellcranks and inspection of the control cable and pulleys per Letter instructions.
- 7) C/W AD 2013-13-01 by installing two new orange colored fuel tank vent valves (part # 106927-001) per Piper Service Bulletin 1258. No further action is required.

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

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Total
Carry

Signed

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2832024 IA

Reg: NZ12N
Date: 4/22/2014
Hobbs: 369.3
Tach:

NEXAIR
AVIONICS

The Altimeter, Pitot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR 43, Appendix E and F, as required by FAR 91.411. Tested to 25,000 ft.

The ATC Transponder has been tested and found to be in compliance with FAR 43, Appendix F, as required by FAR 91.413.

NEXAIR AVIONICS CRS:N4OR087B WO#: 2064

Signature

Certificate No.

NEXAIR
AVIONICS

WO# 2064

Altimeter Correction Card

Altimeter: <u>5784</u>		SN: <u>N2122</u>	
ALT	Error	ALT	Error
-1000	5	14000	10
0	5	16000	20
500	15	18000	20
1000	15	20000	20
1500	20	22000	25
2000	15	25000	45
3000	15	30000	
4000	15	35000	NA
6000	5	40000	
8000	0	45000	
10000	0	50000	
12000		55000	✓

Barometric InHg: 29.92

Test Date: 4/22/2014

Tested By: SS CRS N4OR087B

Mansfield Airport 265 Fruit St Mansfield MA 02048

NEXAIR
AVIONICS

WO# 2064

Altimeter Correction Card

Altimeter: <u>A0C</u>		SN: <u>N2122</u>	
ALT	Error	ALT	Error
-1000	-15	14000	-20
0	-15	16000	-25
500	-15	18000	-25
1000	-20	20000	-30
1500	-20	22000	-30
2000	-20	25000	-35
3000	-20	30000	NA
4000	-20	35000	
6000	-20	40000	
8000	-20	45000	
10000	-20	50000	
12000	-20	55000	✓

Barometric InHg: 29.92

Test Date: 4/22/2014

Tested By: SS CRS N4OR087B

Mansfield Airport 265 Fruit St Mansfield MA 02048

Shoreline
AVIATION

Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

Finance

7/8/2015

N212Z

PA46R-350T, serial # 4692142

Aircraft Logbook

Hobbs Hours: 321.4 :: Aircraft TT: 321.4 :: #1 Engine TT: 321.4 :: Prop. TT: 321.4

Completed annual inspection in accordance FAR 43, appendix D using Piper form 767-011 as a guide.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects. Next due 07/16. ELT battery is due 02/16.
- 2) Visually inspected the engine mount in the area called out in Piper SB 1103E and noted no cracks.
- 3) Resealed and serviced the nose strut using new MS28775-327 & -229 o-rings.
- 4) Completed the following Piper recommended special inspections: 30 day, 90 day, 4 month, 6 month, 1 year, main battery capacity check and standby gyro battery pack capacity check.
- 5) Completed Piper recommended 5 year corrosion prevention items per the airplane maintenance manual.
- 6) C/W Piper Service Letters 1131 & 1135 by lube of the aileron wing quadrants and inspection of the control cables and pulleys per service letter instructions.
- 7) C/W Piper Service Letter 1183 to the elevator rivets per Letter instructions and noted no defects.
- 8) Sealed the edges of both tail mounted lightning diverter strips.
- 9) R+R oxygen bottle after hydrostatic testing by Airline Accessory Service (CRS L0KR782Y) - see attached paperwork for details. Filled with Aviator's Breathing Oxygen and leak check OK. Next hydrostatic test is due 07/20.

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

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Total
Carr

Signed

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2882024 IA

Registration No. _____

**Shoreline
AVIATION**

Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

ate No. _____

9/1/2016

N612Z

PA46R-350T, serial # 4692142

Aircraft Logbook

Hobbs Hours: 328.8 :: Aircraft TT: 328.8 :: #1 Engine TT: 328.8 :: Prop. TT: 328.1

Completed annual inspection per FAR 43, appendix D using Piper form 767-011 as a guide.

1) Aircraft registration number changed from N212Z to N612Z. New registration decals applied to fuselage. N# changed in the G1000 transponder configuration screen from N212Z to N612Z. N# placard on the instrument panel changed to N612Z.

2) C/W FAR 91.207(d) on the ELT and noted no defects - next due 09/17. ELT battery is due 04/23.

3) Completed the following Piper recommended Special Inspections: 50 hr., 30 day, 90 day, 4 month, 6 month, 1 year, main battery capacity check & standby gyro battery capacity check.

4) C/W Piper Service Letters 1131 (aileron wing quadrant lube) & 1135 (control cables/pulleys inspection).

5) R+R LH aileron outboard static wick with a new unit.

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

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2832024 IA

2010 PIPER MATRIX PA46R-350T

N212Z

S/N 4692142



ENGINE LOG

ENGINE LOG



Manufacturer: **LYCOMING, WILLIAMSPORT, PA** Serial No. L-13481-61A
Horsepower: 350
Model: TIO-540-AE2A FAA T. C. No. E14EA

Engine Accessories	Serial No.	Weight

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			

ENGINE MODEL:
TIO-540-AE2A
ENGINE S/N: L-13481-61A
REG. NO: N83ML
WORK ORDER:
1150-06-2010

Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, FL 32960
Phone: 772-567-4361 ext 2671

DATE: 8/3/2010
A/C TSN: 45.4
ENG TT: 45.4
HOBS: 45.4

Engine Entries

Performed 50 Hour Engine Inspection using Piper Checklist 767-043 as a guide. Cylinder compression's #1-76, #2-78, #3-78, #4-78, #5-77 and #6-78. Inspected and cleaned fuel injector nozzles. Checked magneto timing to engine. Ground ran - no discrepancies noted. AD's searched thru biweekly 2010-13, see AD Compliance Record.... Complied with Lycoming SB 521, Inspection of Exhaust System Slip Joints and Marmon flange joint. No discrepancies at this time. Next inspection due at next annual or 250 engine hours.... Complied with Lycoming SB 531 C, Inspection of turbochargers and tailpipes. No discrepancies at this time. Next inspection due at next annual or 250 engine hours.... Drained oil, removed oil filter and cut open to check for contaminants, installed new oil filter p/n CH48103-1. Added 12 Qts Exxon Elite 20W/50 engine oil per Piper M/M 761-876 chapter 12-10-00. Ground run and leak check acceptable.

Maintenance Release

The aircraft and/or component(s) on N83ML was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1150-06-2010, Dated 8/3/2010.

DATE: 8/3/2010

SIGNED:

Frank Hoos

Work Order: 1150-06-2010

Printed by EBis 3 (datcomedia.com)

Carry forward



N# N83
Date: 08

1) Drai
ES4810
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Edward

N#: N83ML

Date: 09-03-2010 Hobbs: 80.4

- 1) Drained oil, added 11 qts. Exxon Elite 20w-50 oil. Installed a new ES48103-1 oil filter - inspected removed filter element and found no abnormal contaminants. Engine ground runup and functional check satisfactory with no oil leaks noted.

Edward J. Novak Jr.
Edward J. Novak Jr. A+P 2832024 !A

ENGINE LOG

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Maintenance

N#: 83ML Ser. #: 4692142 Eng TT: 110.3
Date: 09-27-2010 Hobbs: 110.3 ACTT: 110.3

Drained oil, added 11 qts. Exxon Elite 20w-50 oil. Installed and safetied ES48103-1 oil filter - inspected removed filter element and found no abnormal contaminants. Oil sample taken for analysis. Engine ground runup and functional check satisfactory with no oil leaks noted.


John E. Sheehan A+P 3439269 IA

Total To Carry Forward				

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: N212Z

Ser. #: 4692142

Date: 03-18-2011

Hobbs: 180.4

ACTT: 180.4

Eng TT: 180.4

Maintenance

Completed Annual insp. per FAR 43, app. D using Piper form 767-011 as a guide. Drained oil, added 11 qts. Exxon Elite 20w-50 oil. Installed a new AA48103-2 oil filter - removed filter cut open and inspected with no abnormal contaminants noted - oil sample was sent for analysis. Cyl. Comp. 1) 78/80 2) 76/80 3) 76/80 4) 76/80 5) 76/80 6) 76/80. C/W Lyco SB's 521 & 531 on the turbos and exhaust system. C/W Lyco SB 1492D (piston pin plug wear) - oil sample sent out and oil filter was cut open and inspected. C/W AD 2008-14-07 to the fuel lines per AD instructions - no defects noted - next insp. due at 280.4 or if a fuel line work involving support clamp movement is done. Adjusted turbo controller rigging per Lyco. SI 1431, Supp. 1. Adjusted turbo controller to 41.6"Hg. @ full power. Engine ground runup and functional check satisfactory with no fuel or oil leaks noted. I certify that this engine has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.

John E. Sheehan A+P 3439269 IA

Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9/21/2012	N212Z	PA46R-350P serial # 4692142		Engine Logbook
Hobbs: 284.2				
Drained oil, added 11 qts. Phillips X/C 20w-50 oil. Installed a new AA48103-2 oil filter - inspected removed filter element and found no abnormal contaminants. Engine ground runup and functional check satisfactory with no oil leaks noted.				
The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.				
Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521				
			Signed <u>Edward J. North Jr.</u>	
Total To Carry Forward				

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and

and Remarks

Signature

Certificate No.



Shoreline Aviation, Inc.
Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

4/11/2013

N212Z

PA46R-350T, serial # 4692142

Engine Logbook

Hobbs Hours: 294.8 :: Aircraft TT: 294.8 :: Engine TT: 294.8 :: Prop. TT: 294.8

Completed annual inspection in accordance with FAR 43, app. D using Piper form 767-011 as a guide.

- 1) Drained oil, added 11 qts. Phillips X/C 20w-50 oil. Installed and saftied a new AA48103-2 oil filter. Inspected oil filter element and the drained oil per Lyco, SI 1492D and noted no abnormal contaminants.
- 2) Cyl. Comp. 1) 75/80 2) 74/80 3) 76/80 4) 74/80 5) 75/80 6) 74/80.
- 3) C/W Lyco. SB's 521 & 531 on the turbos, tailpies and exhaust system. Freed up some sticking slip joints - no t=other defects noted.
- 4) C/W AD 2011-26-04 on the fuel lines and noted no defects. Next due at 394.8, next Annual insp. Or if the fuel lines are disturbed.
- 5) R+R all 6 rocker cover gaskets with new 67193 gaskets.
- 6) R+R #2 & #3 intake pipe flange gaskets (part # 71973) and tube end o-rings (part # 72711).
- 7) Adjusted MAP controller maximum setting to 42.0"hg at full throttle.
- 8) Ground runup and functional checks satisfactory with no fuel or oil leaks noted.

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

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

John E. Sheehan A+P 3439269 IA

ENGINE LOG

Shoreline
AVIATION

Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

ance

4/22/2014

N212Z

PA46R-350T, serial # 4692142

Engine Logbook

Hobbs Hours: 309.3 :: Aircraft TT: 309.3 :: #1 Engine TT: 309.3 :: Prop. TT: 309.3

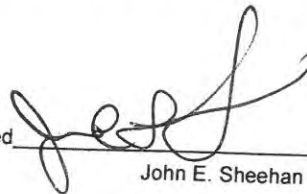
Completed Annual insp. Per FAR part 43, appendix D using Piper form 767-011 as a guide.

- 1) Drained oil, added 11 qts. of Exxon Elite 20w-50 oil. Installed and saftied a new AA48103-2 oil filter.
- 2) Cyl. Comp. 1) 76/80 2) 78/80 3) 76/80 4) 78/80 5) 78/80 6) 78/80.
- 3) C/W AD 2011-26-04 by insp. of the fuel lines per AD instructions - no defects noted - next due at 409.3, ne annual insp or any time the fuel lines are disturbed.
- 4) C/W Lyco. SB's 521 & 531 on the turbos, tailpipes and exhaust per bulletin instructions and noted no defects. Next due at next annual or 559.3.
- 5) Ground runup and functional checks satisfactory with no fuel or oil leaks noted.

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

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed



John E. Sheehan A+P 3439269 IA

Total To
Carry Forward



7/8/2015

N212Z

PA46R-350T, serial # 4692142

Engine Logbook

Hobbs Hours: 321.4 :: Aircraft TT: 321.4 :: #1 Engine TT: 321.4 :: Prop. TT: 321.4

Completed annual inspection in accordance FAR 43, appendix D using Piper form 761-011 as a guide.

1) Drained oil, added 11 qts. of Exxon Elite 20w-50 oil. Installed and saftied a new AA48103-2 oil filter.

Inspected drained oil and oil filter element and noted no abnormal contaminants. Oil sample sent for analysis.

2) Cyl. Comp. 1) 74/80 2) 76/80 3) 78/80 4) 78/80 5) 79/80 6) 78/80.

3) C/W AD 2011-26-04 by insp. of the fuel lines per AD instructions - no defects noted - next due at 421.4, next annual insp or any time the fuel lines are disturbed.

4) C/W Lyco. SB's 521 & 531 on the turbos, tailpipes and exhaust per bulletin instructions and noted no defects. Next due at next annual or 571.4.

5) Ground runup and functional checks satisfactory with no fuel or oil leaks noted.

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

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2832024 IA

ENGINE LOG

**Shoreline
AVIATION**

Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (G-HG)
93 Old Colony Lane
Marshfield, MA 02050

ince

9/1/2016

N612Z

PA46R-350T, serial # 4692142

Engine Logbook

Hobbs Hours: 328.8 :: Aircraft TT: 328.8 :: #1 Engine TT: 328.8 :: Prop. TT: 328.1

Completed annual inspection per FAR 43, appendix D using Piper form 767-011 as a guide.

1) Drained oil, added 11 qts. Phillips X/C 20w-50 oil. Installed and saftied a new AA48103-2 oil filter.

2) Cyl. Comp. 1) 78/80 76/80 3) 72/80 4) 73/80 5) 75/80 6) 74/80.

3) C/W AD 2015-19-07 on the fuel lines per AD instructions and noted no defects. Next due at 428.8, next annual inspection or whenever these fuel lines are disturbed.

4) C/W Lycoming Service Bulletins 521 & 531 on the turbos; tailpipes and exhaust per bulletin instructions and noted no defects. Next compliance with these two bulletins is due at 578.8 or 09/17.

5) Ground runup and functional checks were satisfactory with no fuel or oil leaks noted.

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

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2832024 IA

Total To
Carry Forward



2010 PIPER MATRIX

PA46R-350T

N212Z

S/N 4692142



PROP LOGS

HARTZELL


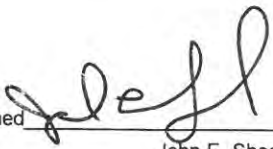
PROPELLER LOGBOOK


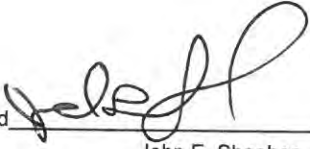
PROPELLER MODEL HC-I3Y1B-1N


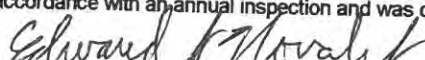
PROPELLER S/N NM30B

LOGBOOK # 1

Exclusively offered by Shoreline Aviation, Inc. ✈ 888-291-JETS (5387) ✈ shorelineaviation.net

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Shoreline AVIATION</p> </div> <div> <p>Shoreline Aviation, Inc. → Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050</p> </div> </div>			
4/11/2013	N212Z	PA46R-350T, serial # 4692142	Propeller Logbook
Hobbs Hours: 294.8 :: Aircraft TT: 294.8 :: Engine TT: 294.8 :: Prop. TT: 294.8 Completed annual inspection in accordance with FAR 43, app. D using Piper form 767-011 as a guide. I certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.			
Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521			
Signed  John E. Sheehan A+P 3439269 IA			

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Shoreline AVIATION</p> </div> <div> <p>Shoreline Aviation, Inc. → Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050</p> </div> </div>			
4/22/2014	N212Z	PA46R-350T, serial # 4692142	Propeller Logbook
Hobbs Hours: 309.3 :: Aircraft TT: 309.3 :: #1 Engine TT: 309.3 :: Prop. TT: 309.3 Completed Annual insp. Per FAR part 43, appendix D using Piper form 767-011 as a guide. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.			
Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521			
Signed  John E. Sheehan A+P 3439269 IA			

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Shoreline AVIATION</p> </div> <div> <p>Shoreline Aviation, Inc. → Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050</p> </div> </div>			
7/8/2015	N212Z	PA46R-350T, serial # 4692142	Propeller Logbook
Hobbs Hours: 321.4 :: Aircraft TT: 321.4 :: #1 Engine TT: 321.4 :: Prop. TT: 321.4 Completed annual inspection in accordance FAR 43, appendix D using Piper form 761-011 as a guide. I certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.			
Signed  Edward K. Novak			

2010 PIPER MATRIX

PA46R-350T

N212Z

S/N 4692142



Weight and Balance

AD NOTES COMPLIANCE RECORD

Engine - Lycoming Engines - TIO-540-AE2A

s/n: L-13481-61A

Propeller - Hartzell - ()HC-()Y()

m/n: HC-I3Y1R-1N

s/n: NM30B

Appliance - Cylinder assembly - Superior Air Parts

Appliance - Cylinder assembly - Engine Components Incorporated (ECi)

Appliance - Fuel Injection Servos - Precision Airmotive LLC

Appliance - Magnetos - Slick

Appliance - Pistons - Superior Air Parts

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
97-01-04	Cylinder assemblies		DNA - affected engine parts are O.E.M.		X		Ed Novak A+P 2832024 IA
2007-04-19	To prevent cylinder separation that can lead to engine failure		DNA - affected engine parts are O.E.M.		X		Ed Novak A+P 2832024 IA
2007-04-19R1	To prevent cylinder separation that can lead to engine failure		DNA - affected engine parts are O.E.M.		X		Ed Novak A+P 2832024 IA
2005-26-10	To prevent loss of engine power due to cracks in the cylinder assemblies		Superseded by 2006-12-07.	X			Ed Novak A+P 2832024 IA
2006-12-07	To prevent loss of engine power due to cracks in the cylinder assemblies		DNA - affected engine parts are O.E.M.	X			Ed Novak A+P 2832024 IA
2008-19-05	To prevent loss of engine power due to cracks at the head-to-barrel interface in the cylinder assemblies and possible engine failure caused by separation of a cylinder head		Superseded by 2009-26-12.		X		Ed Novak A+P 2832024 IA
2009-26-12	To prevent loss of engine power due to cracks at the head-to-barrel interface and possible engine failure caused by separation of a cylinder head		DNA - affected engine parts are O.E.M.		X		Ed Novak A+P 2832024 IA
PL2008-06-51	Fuel injection servo plugs that had loosened or completely backed out of the threaded plug hole on the regulator cover of the fuel injection servo		Superseded by 2008-08-14.		X		Ed Novak A+P 2832024 IA
2008-08-14	To prevent a lean running engine		Superseded by 2009-02-03.		X		Ed Novak A+P 2832024 IA
2009-02-03	To prevent a lean running engine	8/3/10 - 45.4	Inspected fuel servo and found "G" stamped on the hex plug - no further action is required.		X		Frank Haas Piper Aircraft
74-18-05	Slick magnetos		DNA per part serial #.		X		Ed Novak A+P 2832024 IA
80-06-05	Slick magnetos		DNA per part serial #.	X			Ed Novak A+P 2832024 IA
81-16-05	Slick magnetos		DNA per part serial #.	X			Ed Novak A+P 2832024 IA
99-04-04	Magneto impulse coupling		DNA per engine model #.		X		Ed Novak A+P 2832024 IA

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2011-26-07	To prevent engine failure due to migration of the magneto impulse coupling stop pin		DNA per engine model #.		X		Ed Novak A+P 2832024 IA
96-12-04	PMA approved pistons		DNA - affected engine parts are O.E.M.	X			Ed Novak A+P 2832024 IA
98-19-02	PMA piston pin		DNA - affected engine parts are O.E.M.	X			Ed Novak A+P 2832024 IA
71-13-01	Fuel injector manifold		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
71-13-01R1	To rescind existing AD 71-13-01		This AD has been rescinded.	X			Ed Novak A+P 2832024 IA
73-23-01	Piston pin failures		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
75-09-15	Fuel flow divider gasket		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
78-23-10	Center body bellows seal assembly		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
79-04-05	Fuel diaphragm		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
89-15-10	Fuel leak check		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
91-08-07	Fuel pump vent hose		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
91-10-04	Exhaust transition flange bolts		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
91-14-22	Crankshaft gear retaining bolt		Superseded by 2004-10-14.	X			Ed Novak A+P 2832024 IA
92-12-05	Piston pin failure		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
93-02-05	Fuel injection lines		Superseded by 2002-26-01.		X		Ed Novak A+P 2832024 IA
93-05-21	AC, Textron, Rajay fuel pumps		Superseded by 93-11-11.	X			Ed Novak A+P 2832024 IA
93-11-11	AC, Textron, Rajay fuel pumps		DNA per part serial # (fuel pump).	X			Ed Novak A+P 2832024 IA
97-01-03	Piston pin		Superseded by 97-15-11.	X			Ed Novak A+P 2832024 IA
97-15-11	Piston pin		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
98-18-12	Torque check inspection		Superseded by 2003-14-03.		X		Ed Novak A+P 2832024 IA
PL2002-04-51	Prevent crankshaft failure		Superseded by PL2002-17-53.	X			Ed Novak A+P 2832024 IA
PL2002-17-53	Prevent crankshaft failure		Superseded by 2002-19-03.	X			Ed Novak A+P 2832024 IA

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2002-19-03	Prevent failure of the crankshaft, which could result in total engine power loss		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
PL2002-20-51	Prevent loss of all engine power and possible forced landing		Superseded by 2002-23-06.	X			Ed Novak A+P 2832024 IA
2002-23-06	CORRECTION - Prevent loss of all engine power and possible forced landing		Superseded by 2004-05-24.	X			Ed Novak A+P 2832024 IA
2002-26-01	Prevent failure of the fuel injector fuel lines		Superseded by 2008-14-07.		X		Ed Novak A+P 2832024 IA
2003-14-03	Prevent rotary fuel pump leaks		DNA - "M" engine driven fuel pump is installed.		X		Ed Novak A+P 2832024 IA
2004-05-24	Prevent loss of all engine power and possible forced landing		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
2004-10-14	CORRECTION - Prevent loosening or failure of the crankshaft gear retaining bolt		Due at any prop. strike (as defined in the AD).		X	any prop. strike	Ed Novak A+P 2832024 IA
2005-19-11	Prevent failure of the crankshaft		DNA per engine S/N.	X			Ed Novak A+P 2832024 IA
2006-20-09	To prevent failure of the crankshaft		Superseded by 2012-19-01.	X			Ed Novak A+P 2832024 IA
PL2008-06-51	Fuel injection servo plugs that had loosened or completely backed out of the threaded plug hole on the regulator cover of the fuel injection servo		Superseded by 2008-18-14.		X		Ed Novak A+P 2832024 IA
2008-08-14	To prevent a lean running engine		Superseded by 2009-02-03.		X		Ed Novak A+P 2832024 IA
2008-14-07	To prevent failure of the fuel injector fuel lines that would allow fuel to spray into the engine compartment		Superseded by 2011-26-04.		X		Ed Novak A+P 2832024 IA
2009-02-03	To prevent a lean running engine	8/3/10 - 45.4	Inspected fuel servo and found "G" stamped on the hex plug - no further action is required.		X		Frank Haas Piper Aircraft
2011-13-03	To prevent seizure of the turbocharger turbine		DNA - Turbos both have more than 50 hrs. in service.	X			Ed Novak A+P 2832024 IA
2011-15-10	To remove certain fuel servos from service		Superseded by 2012-03-06.		X		Ed Novak A+P 2832024 IA
2011-26-04	To prevent failure of the fuel injector lines		Superseded by 2015-19-07.		X		Ed Novak A+P 2832024 IA
2012-03-06	To prevent an in-flight shutdown due to a failed fuel servo diaphragm		DNA - affected component not installed.		X		Ed Novak A+P 2832024 IA
2012-03-07	To address a "machined-from-billet" HA-6 carburetor having a loose mixture control sleeve that rotated in the carburetor body		DNA - affected component not installed.	X			Ed Novak A+P 2832024 IA
2012-19-01	To prevent failure of the crankshaft		DNA per engine S/N.		X		Ed Novak A+P 2832024 IA
2015-02-07	Propeller Governor Idler Shaft Set Screw		DNA per engine model #.		X		Ed Novak A+P 2832024 IA

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2015-19-07	External Fuel Injector Lines	9/1/16 - 328.8	Inspected fuel lines and supporting clamps per AD instructions. No defects noted.		X	09/17, 428.1 or any time fuel lines are disturbed.	Ed Novak A+P 2832024 IA
77-12-06 R2	Prop blade		Superseded by 2002-09-08.		X		Ed Novak A+P 2832024 IA
2001-07-03	CORRECTION - Prevent propeller failure of the propellers returned to service by BASCO		DNA - propeller not returned to service by BASCO.	X			Ed Novak A+P 2832024 IA
2001-23-08	Prevent failure of the propeller hub resulting from cracks		DNA per part serial #.		X		Ed Novak A+P 2832024 IA
2002-09-08	Prevent failure of the propeller blade from fatigue cracks		Superseded by 2007-26-09.	X			Ed Novak A+P 2832024 IA
2003-01-03	Prevent in-flight propeller blade separation		DNA - 2 blade props. only.	X			Ed Novak A+P 2832024 IA
2003-03-20	Prevent fatigue failure of the original propeller hub and blades		DNA per model #.	X			Ed Novak A+P 2832024 IA
2003-13-17	Maintenance by T&W Propellers Inc.		DNA - propeller not returned to service by T&W Prop. Ser.	X			Ed Novak A+P 2832024 IA
2005-14-11	Maintenance by Southern California Propeller Service		DNA - propeller not returned to service by So. Cal. Prop. Ser.	X			Ed Novak A+P 2832024 IA
2006-18-15	To prevent failure of the propeller hub causing blade separation and subsequent loss of airplane control		Superseded by 2009-22-03.		X		Ed Novak A+P 2832024 IA
2006-24-07	To detect unsafe conditions that could result in a propeller blade separating from the hub and loss of control of the airplane		DNA - propeller not returned to service by Oxford Aviation Ser. of the U.K.	X			Ed Novak A+P 2832024 IA
2007-26-09	To prevent failure of the propeller blade from fatigue cracks in the blade shank radius		DNA - prop. blades are NOT aluminum.	X			Ed Novak A+P 2832024 IA
2008-13-28	To prevent failure of the propeller hub		DNA per engine model #.		X		Ed Novak A+P 2832024 IA
2009-22-03	To prevent failure of the propeller hub causing blade separation and subsequent loss of airplane control		DNA - 2 blade props only.		X		Ed Novak A+P 2832024 IA

AD NOTES COMPLIANCE RECORD

Airframe - Piper - PA-46R-350T

4692142

Propeller - Hartzell - ()HC-()Y()

m/n: HC-I3Y1R-1N s/n: NM30B

Appliance - Air Filter - Paper Induction

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2008-26-11	Prevent ice from forming on the stall vane		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2009-07-08	To detect and correct incorrect installation of 35-amp and 250-amp current limiters		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2011-06-10	To prevent improper engine operation caused by improperly calibrated T.I.T. indicators or defective T.I.T. probes	3/16/12 - 240.2	New T.I.T probe installed.		X	490.2	Ed Novak A+P 2832024 IA
2013-13-01	Correction - Main Fuel Tank Vent Valves	4/22/14 - 309.3	Installed two new orange colored furl tank vent valves (part # 106927-001). No further action is required.	X			Ed Novak A+P 2832024 IA
84-26-02	Paper induction air filters	3/23/10 - 0.0	New engine air filter installed in new airplane.		X	500.0	Ed Novak Piper Factory
77-12-06 R2	Prop blade		Superseded by 2002-09-08.		X		Ed Novak A+P 2832024 IA
2001-07-03	CORRECTION - Prevent propeller failure of the propellers returned to service by BASCO		DNA - propeller is O.E.M.	X			Ed Novak A+P 2832024 IA
2001-23-08	Prevent failure of the propeller hub resulting from cracks		DNA per propeller model #.		X		Ed Novak A+P 2832024 IA
2002-09-08	Prevent failure of the propeller blade from fatigue cracks		Superseded by 2007-26-09.	X			Ed Novak A+P 2832024 IA
2003-01-03	Prevent in-flight propeller blade separation		DNA per propeller model #.	X			Ed Novak A+P 2832024 IA
2003-03-20	Prevent fatigue failure of the original propeller hub and blades		DNA per propeller model #.	X			Ed Novak A+P 2832024 IA
2003-13-17	Maintenance by T&W Propellers Inc.		DNA - propeller is O.E.M.	X			Ed Novak A+P 2832024 IA
2005-14-11	Maintenance by Southern California Propeller Service		DNA - propeller not returned to service by So. Cal. Prop. Ser.	X			Ed Novak A+P 2832024 IA
2006-18-15	To prevent failure of the propeller hub causing blade separation and subsequent loss of airplane control		Superseded by 2009-22-03.		X		Ed Novak A+P 2832024 IA
2006-24-07	To detect unsafe conditions that could result in a propeller blade separating from the hub and loss of control of the airplane		DNA - propeller is O.E.M.	X			Ed Novak A+P 2832024 IA
2007-26-09	To prevent failure of the propeller blade from fatigue cracks in the blade shank radius		DNA per propeller model #.	X			Ed Novak A+P 2832024 IA
2008-13-28	To prevent failure of the propeller hub		DNA per engine model #.		X		Ed Novak A+P 2832024 IA

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2009-22-03	To prevent failure of the propeller hub causing blade separation and subsequent loss of airplane control		DNA per engine model #.		X		Ed Novak A+P 2832024 IA

Maintenance Scheduling Report

N# N612Z

Manufacturer: Piper

Ser # 4692142

Owner:

Model: PA46R-350T

ACTT: 328.8

100 Hour Inspection Due		
428.6		Sep-17

Updated Hobbs Data		
Hobbs	Eng Cycles*	Date
328.6	328	9/1/16

Item #	Part Description	DUE			Service Life			Installed		
		Hours	Months	Date	Hours	Cycle	Years	ACTT	Cycle	Date
1	Annual/100 hr. Insp.	100.0	12	Sep-17	100.0		1	328.8		9/1/2016
2					100.0		1			
3	Piper 50 hr. spec. insp.	50.0			50.0			328.8		9/1/2016
4	Battery Capacity Check	400.0	12	Sep-17	400.0		1	328.8		9/1/2016
5	Piper 250 hr. spec. insp. (R+R T.I.T. Probe)	161.4			250.0			240.2		3/16/2012
6	Lycoming SB's 521 & 531	250.0	12	Sep-17	250.0		1	328.8		9/1/2016
7	Piper 400 hr. Deice Valve Cleaning	71.2			400.0			0.0		3/23/2010
8	500 hr. Airborne Vac. Pump R+R	171.2			500.0			0.0		3/23/2010
9	500 hr. Vao Filter R+R	171.2			500.0			0.0		3/23/2010
10	500 hr. Fuel Tank Insp. Items.	171.2			500.0			0.0		3/23/2010
11	500 hr. G1000 Checks per MM	171.2			500.0			0.0		3/23/2010
12	500 hr. Magneto Insp.	411.4			500.0			240.2		3/16/2012
13	500 hr. Ext. Bearings Check	171.2			500.0			0.0		3/23/2010
14	500 hr. Crankshaft Desludging	171.2			500.0			0.0		3/23/2010
15	500 hr. Oil Cooler Flushing	171.2			500.0			0.0		3/23/2010
16	500 hr. Eng. Air Filter R+R (AD 84-26-02)	171.2			500.0			0.0		3/23/2010
17	500 hr. Coin Tap Prop. Erosion Shields	171.2			500.0			0.0		3/23/2010
18	1000 hr. Coin Tap Prop. Erosion Shields	671.2			1000.0			0.0		3/23/2010
19	1000 hr. Flap Roller/Ail. Hinge Bolt Insp.	671.2			1000.0			0.0		3/23/2010
20	1000 hr. Flap Tracks Insp.	671.2			1000.0			0.0		3/23/2010
21	1000 hr./8 yr. Eng. Hose R+R (Not Type D)	671.2	19	Mar-18	1000.0		8	0.0		3/23/2010
22	1000 hr. G1000 Checks per MM	671.2	7	Mar-17	1000.0		7	0.0		3/23/2010
23	1000 hr. Speedbrakes Service	716.6			1000.0			45.4		8/3/2010
24	1800 hr. Torque Limiter Check				1800.0					
25	1800 hr. or 3 yr. Battery R+R	1780.5	8	Apr-17	1800.0		3	309.3		4/22/2014
26	2000 hr. Alternator O/H	1671.2			2000.0			0.0		3/23/2010
27	2000 hr. or 7 yr. Fuselage Insp.	1671.2	7	Mar-17	2000.0		7	0.0		3/23/2010
28	2000 hr. or 12 yr. Eng. O/H	1671.2	67	Mar-22	2000.0		12	0.0		3/23/2010
29	2000 hr. Prop. Gov. O/H	1671.2			2000.0			0.0		3/23/2010
30	2400 hr. or 6 yr. Prop. O/H	2071.2		Mar-16	2400.0		6	0.0		3/23/2010
31	5000 hr. Speedbrake Service				5000.0					
32	2700 hr. Skytech 149NL Starter O/H	2371.2			2700.0			0.0		3/23/2010
33	4500 hr. Prop. Gov. O/H				4500.0					
34	6500 hr. O/S Gov. O/H				6500.0					
35	7500 hr. Eng. Mount Bolt R+R	7171.2			7500.0			0.0		3/23/2010
36	30 Day Special Insp.		1	Oct-16			0.0833			9/1/2016
37	90 Day Special Insp.		3	Dec-16			0.25			9/1/2016
38	4 Month Special Insp. (Oil Change)	50.0	4	Dec-16	50.0		0.33	328.8		9/1/2016
39	6 month Special Insp.		6	Mar-17			0.5			9/1/2016
40	1 Year Special Insp.		12	Sep-17			1			9/1/2016
41	1 yr. Portable Fire Ext. Chk.		12	Sep-17			1			9/1/2016
42	FAR 91.411 (#1 Pitot/Static/Altimeter Chk.)		20	Apr-18			2			4/20/2016
43	FAR 91.411 (#2 Pitot/Static/Altimeter Chk.)		20	Apr-18			2			4/20/2016
44	FAR 91.411 (Standby Altimeter Chk.)		20	Apr-18			2			4/20/2016
45	2 Year G1000 Magnetometer Check		20	May-18			2			5/5/2016
46	2 Year Compass Swing		20	May-18			2			5/5/2016
47	FAR 91.413 (#1 Txpr. Chk.)		20	Apr-18			2			4/20/2016
48	FAR 91.413 (#2 Txpr. Chk.)									
49	ELT Battery		79	Apr-23			6.9			5/13/2016
50	Stdby Gyro. Batt. Pack Chk	200.0	12	Sep-17	200.0		1	328.8		9/1/2016
51	Stdby Gyro. Batt. Pack R+R		36	Sep-19			3			9/1/2016
52	Lyco SB's 521 & 531	250.0	12	Sep-17	250.0		1	328.8		9/1/2016
53	5 yr. Corrosion Control Items		46	Jul-20			5	321.4		7/8/2015
54	5 yr. O2 Bottle Hydro. Test		46	Jul-20			5			7/8/2015
55	8 yr. or 1000 hr. NLG Hoses R+R		19	Mar-18	1000.0		8	0.0		3/23/2010
56	10 yr. Special Insp.		43	Mar-20			10	0.0		3/23/2010
57	15 yr. O2 Bottle R+R		103	Mar-25			15			3/23/2010
58	20 yr. Fluid Hose R+R		163	Mar-30			20	0.0		3/23/2010

* Cycles since last inspection

Date: 9/1/2016
Manufacturer: Piper
Model: PA46R-350T
Ser. # 4692142

Hourmeter: 328.8
Total Time 328.8
Total Ldgs:
N#: N612Z
Owner:
Date:
MALIBU SERVICE BULLETINS PAGE 1

Item #	Bulletin No.	Bulletin Description	Bulletin Date	Date Completed	Remarks
1	677	Pubs. For all A/C ops. DUE AT ALL TIMES	5/20/1980	9/13/1999	All Piper models
2	780A part1	Flap drive mechanism mod.	10/10/1985	N/A S/N	46-8401 - 037
3	780A part2	Flap selector valve repl.	10/10/1985	N/A S/N	see bulletin for S/N's
4	781	Aft rudder cable insp.	6/25/1984	N/A S/N	46-8401 - 048
5	782A	magneto switch guard installation	4/24/1985	N/A S/N	46-84038 - 46-85022
6	783	Interference of elevator to stabilizer	6/13/1984	N/A S/N	46-8401 - 044, 046 - 048
7	784	Outflow & safety valve routing insp.	6/7/1984	N/A S/N	46-84038 - 040, 042 - 057
8	786	Toe brake cylinder clevis rework	8/20/1984	N/A S/N	46-84001 - 035
9	790A part1	Turbo oil scavenge reservoir insp.	2/14/1985	N/A S/N	46-8401 - 85018, 85021+022
10	790A part2	Turbo oil scavenge oil line support	2/14/1985	N/A S/N	46-8401 - 085
11	790A part3	Lower cowl mod.	2/14/1985	N/A S/N	46-8401 - 8507
12	791	Oxygen sys. Elec. Wire rerouting	8/20/1984	N/A S/N	46-8401 - 035, 038 - 040
13	792	Fuel supply line r+r/wing rib mod.	8/7/1984	N/A S/N	see bulletin for S/N's
14	794	Elec. Fuel pump circuit mod.	8/30/1984	N/A S/N	46-8401 - 068, 070 - 072
15	796B part1	Lower wing rivet replacement	1/25/1995	N/A S/N	all S/N's up to 4622131
16	796B part2	Wing to fuselage fairing replacement	1/25/1995	N/A S/N	46-8401 - 037
17	796B part3	Upper inbd. Wing rivet replacement	1/25/1995	N/A S/N	46-8401 - 053
18	799	Ldg. Gear control lever safety tab mod.	10/26/1984	N/A S/N	46-8401 - 087
19	803A	Pneu. Surface deice pressure control valve	3/21/1986	N/A S/N	46-8401 - 85018 see bulletin
20	805A	Hartzell bulletin No. 142	3/14/1986	N/A S/N	46-8401 - 85054
21	808	Main & Nose landing gear actuator seal r+r	7/10/1985	N/A S/N	46-8401 - 85074
22	809	NLG steering rotator insp. & replacement	7/1/1985	N/A S/N	46-8401 - 8505, 8507 - 74
23	810	Gear safety solenoid installation mod.	7/9/1985	N/A S/N	46-8401 - 8573
24	820	Aft wing attach fitting insp/replacement	2/25/1986	N/A S/N	46-8401 - 8625
25	824	Elec. Flap motor/actuator install rework	3/21/1986	N/A S/N	46-8601 - 018, 8621 - 024
26	837	MLG lower torque link bolt insp.	5/21/1986	N/A S/N	46-8401 - 86043
27	852	Alternate air control linkage adjustment	11/14/1986	N/A S/N	see bulletin for S/N's
28	853	Fuel drain replacement	11/17/1986	N/A S/N	all S/N's up to 4608009
29	854A	Deice timer - elec. Circuit change	10/28/1987	N/A S/N	all S/N's up to 4608018
30	855	Use of Auto fuel in Piper Aircraft COMPLETE	1/14/1987	9/13/1999	All piston powered Pipers
31	858	NLG steering rotator horn attach bolt r+r	4/1/1987	N/A S/N	see bulletin for S/N's
32	862A	Flap actuator tube replacement	8/11/1987	N/A S/N	all S/N's up to 4608064
33	863A part1	Aileron cable routing - wing	1/31/1989	N/A S/N	all S/N's up to 4608066
34	863A part2	Phenolic fairlead installation	1/31/1989	N/A S/N	all S/N's up to 4608140
35	865A part1	Freon comp. Drive pulley nut insp./belt removal	7/14/1987	N/A S/N	see bulletin for S/N's
36	865A part2	TCM mandatory SB M87-13	7/14/1987	N/A S/N	see bulletin for S/N's
37	871	A/F & Powerplant limitations	10/13/1987	N/A S/N	46-8401 - 86067, 4608001 & up
38	876B part1	Malibu return to service	4/14/1988	N/A S/N	all S/N's up to 4608114
39	876B part2	TCM mandatory SB M88-5	4/8/1988	N/A S/N	see bulletin for S/N's
40	883	Add. Post lighting - flight & eng. Instruments	3/10/1988	N/A S/N	all S/N's up to 4608059
41	884	Lock wiring of V-band couplings	4/6/1988	N/A S/N	all S/N's up to 4608100
42	892A	Powerplant cooling improvement	5/17/1989	N/A S/N	see bulletin for S/N's
43	894	NLG emer. Downspring mechanism r+r	10/28/1988	N/A S/N	all S/N's up to 4608108
44	895	Alternate air box bearing block mod.	11/17/1988	N/A S/N	all S/N's up to 4608131
45	896	Shoulder harness installation and usage	11/28/1988	N/A S/N	all S/N's up to 4608044
46	900	Missing upper fuselage rivets	2/13/1989	N/A S/N	4608099 - 140
47	913A	Malibu return to service	6/29/1989	N/A S/N	see bulletin for S/N's
48	915	Lycoming S.B. 487	7/8/1989	N/A S/N	4622001 - 40, 042-055
49	917	Angle Support fwd. Baggage comp.	7/19/1989	N/A S/N	all S/N's up to 4608140
50	919	Carpet runner retainer installation	8/3/1989	N/A S/N	all S/N's up to 4608140

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Item #	Bulletin No.	Bulletin Description	Bulletin Date	Date Completed	Remarks
51	921	Aileron insp.	8/15/1989	N/A S/N	all S/N's up to 4622052
52	928A	Lycoming S.B. 491A	3/22/1990	N/A S/N	4622001 - 093
53	930	Emer. Exit window fit insp.	12/14/1989	N/A S/N	see bulletin for S/N's
54	934	M.A.P. line insp. And rerouting	2/8/1990	N/A S/N	4622001 - 098
55	939	W & B plotter	6/8/1990	N/A S/N	4622001 - 107
56	941	Improved eng. Baffle support	7/17/1990	N/A S/N	4622001 - 110
57	943A	MLG locking actuator end gland replacement	8/15/1990	N/A S/N	4608008 - 140
58	944	Empennage rivet replacement	10/5/1990	N/A S/N	all S/N's up to 4622109
59	947A	Low Vac. Annunciator ops.	10/29/1991	N/A S/N	all S/N's up to 4622118
60	948	Inbd. Wing rib insp., mod., and replacement	1/25/1991	N/A S/N	all S/N's up to 4622108
61	949	Wing rib reinforcement	2/18/1991	N/A S/N	all S/N's up to 4622110 & 116
62	951	Mixture control cable insp. And rerouting	2/18/1992	N/A S/N	4622001 - 116
63	953	Elev. Trim cable guide tube splice	10/29/1991	N/A S/N	all S/N's up to 4622117
64	958	Hor. Stab. Drain hole installation	9/22/1992	N/A S/N	all S/N's up to 4622121
65	959	Fuselage rivet installation	3/31/1993	N/A S/N	all S/N's up to 4622117
66	960	Eng. Mount heat shield	3/31/1993	N/A S/N	all S/N's up to 4622110
67	961	Alt. Air door repl. & control linkage insp.	10/21/1992	N/A S/N	all S/N's up to 4622127
68	963	Flap cam assy. Mod.	6/11/1993	N/A S/N	all S/N's up to 4622119
69	964B	Hyd. Power pak press. Switch mod.	12/22/1996	N/A S/N	all S/N's up to 4636043
70	976	Insp. & r+r of components with ?? Orings	12/9/1994	N/A S/N	4622152 - 175
71	981	Hyd. Power pak lower manifold insp.	1/17/1995	N/A S/N	4608008-140, 4622001-177
72	982	Installation of limitations placard	4/3/1995	N/A S/N	4622001 - 189
73	985	Hyd. Power pak press. Switch mod.	6/16/1995	N/A S/N	4608008-140, 4622001-195
74	990	Pacific Scientific seat belt repl.	1/3/1996	N/A S/N	4622152-200, 4636001-11
75	993	KLN-90B GPS wiring mod.	3/18/1996	N/A S/N	4622190-200, 4636001-13
76	994	Intermittent MLG indication	3/18/1996	N/A S/N	4608008-4636030
77	995C	T.I.T. calibration & probe repl. Due ea. 250 hrs	11/17/2009	3/16/12 - 240.2	all S/N's Due @ 490.2
78	997	Insp. Of jack pad attach @ wing radar cutout	2/7/1997	N/A S/N	all S/N's up to 4622126
79	999	Mod. Of inertia reel mtg. Brackets	3/5/1997	N/A S/N	all S/N's up to 4636088
80	1000	Insp. Of eng. Elec. Harness & inst. Chafe prot.	4/25/1997	N/A S/N	4622001 - 4636089
81	1001	Insp. washers at NLG steering	6/16/1997	N/A S/N	see bulletin for S/N's
82	1012	LycoS.B. 531 Due each Annual or 250 hrs.	2/4/1998	9/1/16 - 328.8	4622001 and up
83	1014	Battery power fuse	3/2/1998	N/A S/N	4622001-200, 4636001-126
84	1017	Alternator reg. Wiring mod.	4/10/1998	N/A S/N	4622001 - 4636131
85	1020	Artex 110-4 ELT Insp.	7/10/1998	N/A S/N	4622157-161,172-200; 3601-153
85	1021	Control yoke clearance insp.	8/4/1998	N/A S/N	4622001-200, 4636001-110
86	1027	Wing Spar insp. and mod.	11/19/1998	N/A S/N	4622191-200, 4636001-175
87	1029	Lycoming S.B. 534 (Turbo Oil tanks)	4/30/1999	N/A S/N	all S/N's up to 4636198
88	1034	Batt.relay diode installation	8/17/1999	N/A S/N	4622001-200, 4636001-215
89	1035	Lyc. S.B. 529A (Eng. fuel pump)	9/3/1999	N/A S/N	4622001-200, 4636001-221
90	1041	Vacuum Filter	9/25/2000	N/A S/N	4622001-200, 4636001-284
91	1048	Stainless Steel Control Cables	1/3/2001	N/A S/N	ALL PA46 "Mirages"
92	1054	Mod. Of Pilot & Co-pilot seats	4/12/2001	N/A S/N	ALL PA46's up to 4697037
93	1060	Rudder Pedal Binding	5/15/2001	N/A S/N	ALL PA46's up to 4697055
94	1062	Flap bellcrank inspection	5/12/2001	N/A S/N	ALL PA46's up to 4697038
95	1066	Upper Cabin Door Latch	7/10/2001	N/A S/N	4636021-313, 4697001-047
96	1067A	Resistor Shroud	8/8/2001	N/A S/N	4636021-313, 4697001-075
97	1075	NLG Steering Horn Mod.	8/8/2001	N/A S/N	4622001-4636313
98	1087B	NLG Downspring	10/25/2001	N/A S/N	ALL PA46's up to 4697048
99	1103F	Eng. Mnt. Insp. Due each 100 hrs.	9/1/2015	7/8/15 - 321.4	ALL PA46's up to 4636319
100	1108	Flux Valve Relocation	3/11/2002	N/A S/N	4636314-323, 4697001-125
101	1126	Emer. Gear Cable Bracket Mod.	7/29/2003	N/A S/N	4636314-347, 4697001-158
102	1134	Servo Fuel Pressure Port Leakage	6/10/2003	N/A S/N	4622001-4636343
103	1135	GMA 340 Audio Panel Wiring	7/16/2003	N/A S/N	see bulletin for S/N's
104	1139A	Yoke Screw Insp. & Clip Install	4/9/2004	N/A S/N	see bulletin for S/N's
105	1140	Oxygen Gen. Protective Cap	9/16/2003	N/A S/N	All S/N's up to 4636344
106	1151E	4130N Steel Hardness	5/28/2004	N/A S/N	4636350 & 351

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107	1168	Elev. Trim Tab Hinge Rivets		9/1/2006	N/A S/N	4636229 & 4636330-367
108	1175A	Pilot's Side Window Insp.		5/31/2007	N/A S/N	All PA46's up to 4636424
109	1176	Rudder Torque Tube Insp.		1/16/2007	N/A S/N	4636348-392
110	1181A	Flap Track/Splice Plate		5/21/2009	N/A S/N	4636196-452
111	1182	Wing Insp. Light		8/22/2007	N/A S/N	4636342-412
112	1185	External Power Door Placard		8/30/2007	N/A S/N	4636379-425
113	1178	Nose Gear Forging Insp.		9/24/2007	N/A S/N	4636375-393
114	1180A	Turbo Tailpipe Clamps R+R		3/14/2007	N/A S/N	4622001-4636341
115	1187	Voltage Suppressor R+R		2/8/2008	N/A S/N	4636375-411
116	1190B	Aileron Quadrant Insp.		1/22/2009	N/A S/N	ALL PA46's up to 4636445
117	1191A	Lycos SB 581A (Fuel Servos)		2/24/2009	N/A S/N	4636388 & Up
118	1192	Stall Warning Heat Mod.		9/15/2008	N/A S/N	4622001 - 4636445
119	1193	NLG Downspring R+R		3/3/2009	N/A S/N	ALL PA46's up to 4636440
120	1195B	Comm Antennas Skin Insp.		4/15/2010	N/A S/N	4636375-462
121	1196	Fuel Drain Insp.		10/23/2008	N/A S/N	4636001 - 444
122	1201	Tie Bus C.B Insp.		2/16/2009	N/A S/N	Matrix's Only
123	2000	Current Limiter Insp.		9/16/2008	N/A S/N	4636375 & up 4692001-068
124	1204	Wing Structure Life Limit Calc.	COMPLETED	12/18/2009	9/27/10 - 110.1	All PA46's
125	1208	Lightning Diverter Insp		2/15/2010	N/A S/N	4692001-134
126	1210	TWX670 Antenna Insp.		12/21/2009	N/A S/N	4692001-131
127	1211	Aft Bulkhead Sealing Mod		3/2/2010	N/A S/N	4692001-135
128	1212	Flap Position Indicator Placard		1/14/2011	N/A S/N	4636375-463 4692001-114
129	1217A	Starter Relay R+R		7/23/2010	N/A S/N	4622001-4636462 4692001-133
130	1223	Wire Screen R+R		11/10/2010	P.O.O.	4692132-146
131	1228	Autopilot Circuit Mod.		1/21/2011	N/A S/N	4692001-133, 141, 149 & 153
132	1232	Cabin Door Handle Placard		5/16/2011	N/A S/N	4636482-497, 4692154-160
133	1237	Static Discharges		8/10/2011	N/A S/N	4636491-499, 4692158-163
134	1243A	Hyd. Power Pak	(Part II COMPLETED)	12/19/2011	1/30/12 - 234.9	All
135	1247	Garmin SafeTaxi Limitation		7/19/2012	Not Installed	see bulletin for S/N's
136	1250A	P.O.H. Temp. Revision	COMPLETED	12/16/2013	4/22/14 - 309.3	4622001-4636603, 4692001-199
137	1256	NLG Torque Link Hardware	COMPLETED	1/23/2013	4/11/13 - 294.8	All up to early 2013
138	1258	Fuel Tank Vent Valve	COMPLETED	6/5/2013	4/22/14 - 309.3	All up to early 2013
139	1269A	Gwx 68 Ground Rewire		3/10/2014	N/A - No Radar	4636460, 463-616 4692134-205
140	1280A	H3r Fire Extinguisher R+R	COMPLETED	4/29/2016	5/13/16 - 328.6	4692001-212
141	1297	Altimeter Insp. (United SB #13)		5/10/2016	Not Installed	All
142	1291	Exec. Table Placards		8/11/2016	Parts Ordered	4692001-214

Service Letters

1	SL 1004	MLG Door Protection Pad		5/23/1989	N/A S/N	All PA46's up to 4622010
2	SL 1005	Nose Bowl Mod.		6/8/1989	N/A S/N	4622001-030
3	SL1 006	Fuel Vent Line Protection		8/25/1989	N/A S/N	All PA46's prior to 4622001
4	SL 1007	Air/Oil Sep. Improvement		9/25/1989	N/A S/N	4622001-048
5	SL 1008	Caution: Inop. T.I.T. Ops. With inop T.I.T. Proh.		6/22/1990	Notification	4622001 & up
6	SL 1009	Autopilot Servo Covers		9/19/1990	N/A S/N	All PA46's up to 4622108
7	SL 1010	Engine Baffle Mod.		1/19/1994	N/A S/N	4622001-151
8	SL 1011	NLG Trunnion R+R		4/27/1994	N/A S/N	All PA46's prior to 4622001
9	SL 1012	Aileron Cable R+R		11/30/1994	N/A S/N	All PA46's up to 4622178
10	SL 1018A	Intercooler Clips Improvement		9/13/1999	N/A S/N	4622001-4636194
11	SL1022	Lower Cowl Mod.		2/12/1999	N/A S/N	4636132-192
12	SL 1041	Accident/Incident Reporting	(Info. Only)	3/10/2002	Info. Only	ALL
13	SL1052	Life Limited Parts	Info. Only	5/21/2002	Info. Only	ALL
14	SL 1053	Starter Motor R+R	Due @ L/W Starter Install	10/16/2002	N/A S/N	4622001-4636326
15	SL 1057	Wing Skin Insp. & Reinforcement		1/29/2003	N/A S/N	ALL PA46's up to 4697145
16	SL 1069	Flight Control Cable Insp. -	Due ea. 15 yrs.	3/31/2003	3/10/10 - 0.0	Due 03/25
17	SL 1074	S-TEC Component Seating	(Due @ ea. R+R)	11/3/2003	Info. Only	All S-TEC equipped aircraft
18	SL 1085	ADAHRS Cal. Harness		7/1/2004	N/A S/N	4636001 & up
19	SL 1086	Prop. Boots Maintenance	(DUE @ PROP. O/H)	7/16/2004	Info. Only	ALL
20	SL 1089	Aircraft Painting Requirement		10/21/2004	N/A S/N	4697196 & up (See SL for details)
21	SL 1091	Door Latch Seat Protection Kit		12/15/2005	N/A S/N	4622001-4636313

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22	SL 1093A	Contact R+R Kits		85/8/15	When Needed	4692001 & up
23	SL 1097	Flap Rigging Check		10/17/2005	N/A S/N	4697001-208
24	SL 1100	Crew Seat Mod.		6/18/2006	N/A S/N	4622001-4636375&4697001-249
25	SL 1106A	Skytech Cranking Instructions		5/3/2007	Info. Only	4622001-4636001 and up
26	SL1108	MAP Transducer Failures		3/4/2008	Info. Only	4636001 & up
27	SL 1111	Pitch Servo Upgrade		5/29/2008	N/A S/N	4636375-441 4692001-16 18-21
28	SL 1113	Crew Seat Back Mod		2/25/2009	N/A S/N	4697174-380, 4692001-85
29	SL 1114	NACA Inlet Guide Vane		2/19/2009	N/A S/N	4692001-81
30	SL 1116	Contact Maintenance		12/12/2008	Info. Only	ALL
31	SL 1117	MLB700 Antenna Mod		3/16/2009	N/A S/N	4692001-104
32	SL 1118	Sky-Tec Starter R+R		10/28/2009	N/A S/N	4636403-462 4692001-121
33	SL 1122	G1000 Split Comm Enable	COMPLETED	5/20/2010	8/3/10 - 45.4	4636460, 4636463-469
34	SL 1123	Avidyne EXP5000 S/W Upgrade		9/27/2010	N/A - G1000	4692001 & up
35	SL 1120	Air. Cond. Service		6/18/2010	N/A S/N	4636187-466 4692001-137
36	SL 1126	Voltage Suppressor Advice		9/13/2010	N/A S/N	4692001-50
37	SL 1127	Emer. Exit Velcro R+R	COMPLETED	7/2/2010	8/3/10 - 45.4	4636446-471 4692046-149
38	SL 1128	Improved Capacity Battery	COMPLETED	3/7/2012	4/22/14 - 309.3	4622001- 4636515, 4692001-172
39	SL 1129	Improved Gear Actuators		6/27/2011	Info. Only	
40	SL 1130	Lower Entry Door Upgrade		8/4/2010	N/A S/N	4622001-4636445
41	SL 1131	Aileron Sector Bearing Lube	Due Ea. Annual	8/4/2010	9/1/16 - 328.8	All PA46's
42	SL 1132	Fuel Tank Leaks		12/7/2010	Info. Only	All PA46's
43	SL 1135	Control Cables/Pulleys Insp.	Due ea. Annual	10/19/2010	9/1/16 - 328.8	All
44	SL 1136	Fuel Press. Switch Adjustment	COMPLETED	10/7/2010	3/18/11 - 180.4	4692001-148
45	SL 1138	Lift Transducer Mod.	COMPLETED	1/17/2011	3/18/11 - 180.4	4692001-157
46	SL 1140	Garmin S/W 720.12		6/22/2011	If Desired	4692134-157
47	SL 578B	Lycos Fuel Lines Insp.	Due ez. 100 hrs. or Annual	7/27/2011	9/1/16 - 328.8	All
48	SL 1148	Garmin S/W 720.14		5/2/2012	Superseded	4636278, 460, 463-509 4692134-171
49	SL 1157	LED Lighting Upgrade		4/26/2012	If Desired	All up to Early 2012
50	SL 1168	False Alter. Fail Annunciations	COMPLETED	2/28/2013	4/11/13 - 294.8	4636460, 463-561 4692 134-184
51	SL 1159	Fuel Senders Upgrade	COMPLETED	3/8/2014	4/22/14 - 309.3	All PA46's
52	SL 1170	Evap. Module R+R		7/23/2013	N/A S/N	4636187-446, 4692001-050
53	SL 1179	Garmin S/W 720.15		4/24/2014	Superseded	4692134-202
54	SL 1183	Elevator Plate Rivets Insp.	Due ea. 100 hrs.	10/21/2014	7/8/15 - 321.4	4692001 & up
55	SL 1184	Stall Warning Test Update		2/11/2015	When Needed	4692001 & up
56	SL 1194A	Garmin S/W 720.17	COMPLETED	9/1/2015	5/4/16 - 328.8	4692134 - 214
57	SL 1196	GTX 33ES Transponder		2/15/2016	If Desired	4692134-207
58	SL 1204	Windshield Heat Test Procedure		8/17/2016	When Needed	All

Service Spares Letters

1	SSL 421A	Locking Fuel Cap		4/2/2007	N/A S/N	4622001-4636001 & up
2	SSL 429	Starter Motor R+R	Due @ L/W Starter Install	3/2/2007	N/A S/N	4622001-4636402
3	SSL 431	Lower Entry Door Upgrade		9/11/2008	N/A S/N	4622001-4636445
4	SSL 432	Hydraulic Repair Kits		9/28/2007	N/A S/N	4636299 & up
5	SSL 435	Fuel Quant. System Upgrade		1/15/2010	S/S by SL1159	All PA 46's up to 4636462
6	SSL 437B	Aircraft Tire Options		9/25/2015	Info. Only	All PA46's
7	SSL 443	Piper Engineering Support		12/5/2011	Info. Only	All PA46's
8	SSL 444	Cabin Ventilation Control Kits		6/21/2012	If Desired	4692001-164
9	SSL 447	Rdr 200 Kit for Avidyne Airplanes		7/23/2013	DNA - G1000	4692001-133, 141, 149, 153
10	SSL 448	Maint. Pubs		12/6/2012	Info. Only	All PA46's
11	SSL 452	Diverter Strip R+R Kits		10/14/2014	When Needed	4692001 & up
12	SSL 453	Fuel Boost Pump R+R		2/3/2015	When Needed	4692001-213
13	SSL 456	A/C Hose Repair Kits		11/20/2014	When Needed	4692001-189
14	SSL 463	Inbd. Crew Armrest Improvement		12/3/2015	N/A S/N	4692166-213

Vendor Service Publications

1	VSP-191	Avidyne SA-08-001		2/29/2008	N/A-PFD S/N	PA46 - Avidyne
2	VSP-196	Lycos SB 583A (Slick SB2-08)		10/23/2008	N/A-Mag S/N's	Slick Magnetos
3	VSP-197A	Lycos SB 584B (Slick SB3-08A)		2/25/2009	N/A-Mag S/N's	Slick Magnetos
4	VSP-202	Lycos SB 590A (Fuel Pump)		12/14/2009	N/A-Oper. Time	4692001-133

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5	VSP-204	Greasing Wheel Bearings	4/29/2010	Info. Only	All
6	VSP-205	Avidyne DAU Upgrade	9/7/2010	Not Installed	PA46 - Avidyne
7	VSP-207	Hartzell Turbo Insp. (Lyco. SB 594)	3/3/2011	N/A-Oper. Time	All PA 46's
8	VSP-212	Garmin SA 1118A	7/5/2011	N/A-Avidyne	PA46 with G1000
9	VSP-215	Lyco. SB 597 (Fuel Drain Valve)	8/18/2011	N/A - S/N	See Bulletin for S/N's
10	VSP-216	Loss of GRS77 Functions	6/16/2011	N/A-Avidyne	PA46 with G1000
11	VSP-217	Lyco. SB 598A (V-Band Clamps)	6/9/2011	N/A - S/N	4692127, 159-164
12	VSP-219	Gamin SA 1047	6/30/2011	N/A-Avidyne	PA46 with G1000
13	VSP-222	Lamar SIL LSI-016, rev. A	4/2/2012	N/A - S/N	4692171-174
14	VSP-225	Slick Magneto Points Bulletin	10/25/2012	N/A - Date	all up to 4692178
14	VSP-226	Slick Magneto Points Bulletin	11/2/2012	N/A - S/N	PA46 with TCM Engine
15	VSP-228	AVSTAR Fuel Systems Warranty	1/29/2013	Info. Only	All with AVSTAR Components
16	VSP-232	Lyco. SA 123-1013 (Low RPM Surging)	11/18/2013	N/A - S/N	4636492 & see bulletin 4692191-195
17	VSP-244A	Lyco SL L264 (Magnetos)	3/8/2016	N/A Mag s/n's	See Bulletin for S/N's
18	VSP-255A	Lyco. SB 626 (Avstar)	7/12/2016	N/A - Eng S/N	See Bulletin for S/N's

