

N134ST

2008 Piper Matrix

Engine Logbook SNEW 2008 - 2025

MSN: 4692038



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

N134ST

ENGINE LOG



NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

TIO-540-AE2A

L-13064-61A

MODEL _____

SERIAL NO. _____

DATE _____

4/7/08

Charles Hess

(AUTHORIZED REPRESENTATIVE)

LYCOMING

A Textron Company

LYCOMING ENGINES

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

OWNER

NAME	ADDRESS	Installed in Aircraft No.	Date
1		N134ST	MAY 17 2008
2			
3			
4			
5			
6			

If this book is found, please return it to the owner.

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

A. D. No. and Date	Item	Method of Compliance (See Log for Details)	Time on Engine	Date of Compliance	Signature and Certificate No.
		I have complied with AD 2008-08-14 Initial Inspection requirements (f), (g) and (i) for Precision Airmotive LLC fuel servo and have determined that servo plug P/N 383493 was not loose on:			
		Engine S/N: <u>L-13064-61A</u>	Servo S/N: <u>70CM6505</u>		
		Total Hours <u>-0.0-</u>			
		<u>Donald W. Pout</u> Signature	<u>1510174</u> A & P Number	<u>4-23-08</u> Date	
		Repetitive Inspections required at every engine oil change or within every 50 hours of engine run time, whichever occurs first, repeat the inspection and remedial steps specified in paragraphs (f) through (h)(9) of AD 2008-08-14.			

COMPLIANCE WITH SERVICE BULLETINS ON ENGINE AND ENGINE ACCESSORIES

Service Bulletin No.	Item	Subject and Remarks (See Log for Details)	Time on Engine	Date of Compliance	Signature and Certificate No.
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ENGINE MODEL:
T10-540-AE2A
ENGINE S/N L-13064-61A
REG NO: N134ST
WORK ORDER:
525-05-2008

Piper Aircraft, Inc.
Repair Station No ZPAR410X
2926 Piper Drive
Vero Beach, Fl 32960
Phone 772-567-4361 ext 2671

DATE: 5/17/2008
A/C TSN: 62
ENG TT: 62
HOBBS: 62

Engine Entries

Complied with Slick SB3-08. Performed visual inspection of carbon brushes, coil tab and bearing bar per SB instructions. Magnetos removed, installed and timing set per Piper M/M 761-876 Chapter 74-10-00. Magnetos and ground run acceptable. Manufacture recommends inspecting again at 15-20 hours of operation.

Maintenance Release

The aircraft and/or component(s) on N134ST 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. 525-05-2008, Dated 5/17/2008

DATE: 5/17/2008

SIGNED:

Frank Haas

Work Order: 525-05-2008

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ENGINE OVERHAUL

TYPE TIME
Major . . . Engine Serial No. _____ Since Last Major _____
Top . . . Date Completed _____ Total _____

NEW PARTS

- ENGINE MODEL **Piper Aircraft, Inc.** DATE: 5/29/2008
TIO-540-AE2A
ENGINE S/N L-13064-61A Repair Station No. ZPAR410X A/C TSN 16 7
REG NO N134ST 2926 Piper Drive ENG TT 16 7
- WORK ORDER Vero Beach, FL 32960 HOBBS: 16 7
543-05-2008 Phone: 772-567-4361 ext 2671

Engine Entries

Complied with Piper Service Letter 1108, Manifold Pressure Transducer Failures. Transducer acceptable, adjusted manifold pressure in accordance with Piper M/M 761-876 chapter 76-10-00. Ground check acceptable.

Maintenance Release

The aircraft and/or component(s) on N134ST 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. 543-05-2008, Dated 5/29/2008.

- DATE: 5/29/2008 SIGNED:  Work Order: 543-05-2008
Printed by EBis 3 (datcomedia.com)

REMARKS



580 Airport Road
Rock Hill, SC 29732
803-366-5108

LOG BOOK ENTRY

N134ST


~~N184K~~
W/O 63484

Engine Entry
Hobbs Time: 25.8

June 12, 2008
SN: L-13064-61A

- Drained oil. Removed and cut open oil filter, NDN. Installed a new oil filter p/n CH48103-1. Serviced engine with 11 quarts of Exxon Elite 20W-50. Work performed per Lycoming SB 480E. Performed runup. NDN.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 63484 Date: June 12, 2008 Signed  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS #C41R727N

Signa

Address

ENGINE LOG



580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs:	58.1	Registration #:	N134ST
Date: 10/31/08	Total Time:	58.1	Make/Model:	T10-540-AE2A
W/O: 63679	Cycles:	—	S/N:	L-13064-61A
	TSO:	—		

Performed a 50-HOUR Inspection:

- Performed 50 hour inspection of the engine IAW Piper PA46R-350T 1st 50 hour inspection guidelines dated December 1, 2007.

Complied with the following Special Inspections per Chapter 05-30-00:

- None performed at this time.
- Complied with the following Airworthiness Directives (AD's):
- CW AD 84-25-02 (effective date 1/29/1985) paper induction air filters. Inspected filter. No defects noted Replacement is due at Actt (500 filter hours) or as necessary based on condition.
- CW AD 2008-08-14 Loose Precision Airmotive Fuel Injection Servo Plugs (Effective date: Apr 29, 2008). Installed new gasket PN: 2577258 IAW Section F and stamped a G on face of the hex plug as per Section G of Precision Airmotive Service Bulletin PRS-107, Rev 3, dated 7/16/2008. This meets the requirements of AMOC 140S-GA-08-96 for terminating action of this AD. No further action is required.
- CW AD 2008-14-07 per para (k). Referenced Lycoming SB342E, Diagram #18 dated May 18, 2004. Next inspection due at Actt (158.1), annual inspection, or after any maintenance has

Carry Forward





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No.

been done on the engine where any clamp (or clamps) on a fuel injector line (or lines) has been disconnected, moved, or loosened. Effective date August 14, 2008.

Complied with the following Service Bulletins (SB's):

- CW Lycoming Mandatory Service Bulletin # 583A and 584A (Slick SB3-08A, Slick SB2-08A) Magneto Inspection. Inspected magnetos and found rotor brush cap and cam to have acceptable wear. Reinstalled Magnetos with new gaskets PN: LW-12681, 62224 and performed post run-up, NDN. All work performed IAW Piper PA46-350T MM CH. 74 and Slick F-1100 Master Service Manual. Next inspection due at 158.1TIS or Annual Inspection per Lycoming Mandatory Service Bulletin SB 583A & 584A.
- CW Precision Airmotive Service Bulletin PRS-107, Rev 3, dated 7/16/2008.

Completed the following additional items:

- Removed fwd nose baggage interior to gain access to manifold adjustment. Adjusted manifold. Work performed IAW PA-46-R-350T MM Chapters 25 and 36.
- Idle mixture is low. Adjusted idle mixture to proper specifications IAW Piper PA46R-350T MM CH.76.
- Broken clamp at #6 cylinder heat shield. Installed new clamp.
- Performed a compression check. Compressions as follows: 1- 75/80, 2- 70/80, 3- 75/80, 4- 71/80, 5- 75/80, 6- 74/80.

ENGINE LOG



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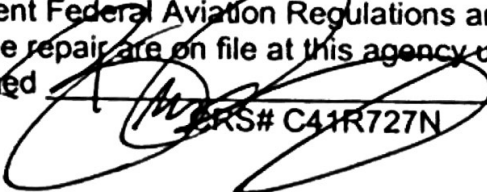
Phone: (803) 366-5108 / Fax: (803) 366-5230

- Drained oil and took sample. Removed and cut open oil filter - NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter, P/N CH48103-1. Serviced engine with 11 quarts of Exxon Elite 20W-50. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480E.
- Performed post inspection run-up, NDN.
- Ad's checked through 2008-21.

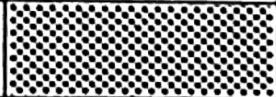
I certify that this **AIRCRAFT** has been inspected in accordance with a **50-HOUR** inspection and was determined to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under **Work Order No: 63679 Date: October 31, 2008**

Signed  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

Total To Carry Forward			



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Phone: (803) 366-5108 / Fax: (803) 366-5230

D.

Engine Log Entry	Hobbs:	102.2	Registration #:	N134ST
Date: 5/15/09	Total Time:	102.2	Make/Model:	TIO-540-AE2A
W/O: 63887	Cycles:	_____	S/N:	L-13064-61A
	TSO:	_____		

Performed a 100-HOUR Inspection:

- Performed Annual / 100Hr inspection on Engine per Piper inspection report p/n 767-011.

Complied with the following Special Inspections per Chapter 05-30-00:

- Performed 30 day special inspection items per Piper PA-46R-350T mm chapter 5-30-00.
- Performed 90 day special inspection items per Piper PA-46R-350T mm chapter 5-30-00
- Performed 12 month special inspection items per Piper PA-46R-350T mm chapter 5-30-00
- Performed 50hr special inspection items per Piper PA-46R-350T mm chapter 5-30-00.

Complied with the following Airworthiness Directives (AD's):

- **CW AD 84-26-02 paper induction air filters** performed per "NOTE" by inspecting the air filter for condition. Installed new filter PN: P5600007-3. The air filter is due for inspection at Actt: 202.2 or (1 year). Replacement is due at Actt: (500 filter hours) or as necessary based on condition. Effective date Jan 29, 1985.
- **CW AD 2008-14-07 Prevent Fallure Of Fuel Injector Lines** per para (k). Referenced Lycoming SB342E, Diagram #18 dated May 18, 2004. Next inspection due at Actt (202.2), annual inspection, or after any maintenance has been done on the engine where any clamp

ENGINE LOG



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(or clamps) on a fuel injector line (or lines) has been disconnected, moved, or loosened.
Effective date August 14, 2008.

Complied with the following Service Bulletins (SB's):

- **CW SB PRS-107 Rev4** at servo repair by Ametek B&S Aircraft Parts & Accessories. This relieves AD 2009-02-08, See also AD 2008-08-14, log entry 10/24/08 58.1.

Completed the following additional items:

- Fuel servo has unadjustable mixture rise at 400-600 rpm (rich condition). Removed servo PN: RSA-10ED1 SN: 70CM6505 and sent for repair. Reinstalled PN: PN: RSA-10ED1 SN: 70CM6505, work performed by Ametek B&S Aircraft Part & Accessories 8130-3 WO: R09-02492 (repaired), new gaskets supplied. Performed post installation run-up and adjusted to proper performance specifications, IAW Piper PA-46R-350T MM CH. 76.
- Performed a compression check. Utilized compression tester s/n SKY0083. Compressions as follows: 1- 72/80, 2- 76/80, 3- 75/80, 4- 75/80, 5- 75/80, 6- 75/80.
- Drained oil and took a sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n ch48103-1 and safetied. Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20w-50. Oil filter/screen content inspection performed per Lycoming SB 480E.
- Performed post inspection run-up, NDN.
- Ad's checked through 2009-09.

Carry Forward



ENGINE LOG



580 Airport Road, Rock Hill, SC 29732

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nce

Engine Log Entry	Hobbs: 130.5	Registration #: N134ST
Date: September 15, 2009	Total Time: 130.5	Make/Model: PA46R-350T
W/O: 64110	Cycles:	S/N: 4692038

- Drained oil and took sample. Removed and cut open oil filter - NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter, P/N CH48103-1. Serviced engine with 11 quarts of Exxon Elite 20W-50. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480E.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No: 64110 Date: September 15, 2009

Signed Walter K. Kuhn for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

Carry Forward





580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

Site No.

Engine Log Entry	Hobbs:	174.7	Registration #:	N134ST
Date: 05/21/10	Total Time:	174.7	Make/Model:	TIO-540-AE2A
W/O: 64352	Cycles:	_____	S/N:	L-13064-61A
	TSO:	_____		

Performed a 100-HOUR Inspection:

- Performed 100 hour/annual inspection on the engine IAW Piper PA-46-350T MM chapter 5-20-00.

Complied with the following Special Inspections per Chapter 05-30-00:

- **Complied with the following Airworthiness Directives (AD's):**
- **Performed AD 2008-14-07 Prevent Failure of Fuel Injector Lines by inspecting per para (k). Referenced Lycoming SB342E, Diagram #18 dated May 18, 2004. Next inspection due at ACTT: 274.7, annual inspection, or after any maintenance has been done on the engine where any clamp (or clamps) on a fuel injector line (or lines) has been disconnected, moved, or loosened. Effective date August 14, 2008.**
- **Performed AD 84-26-02 Paper Induction Air Filters per "NOTE" by inspecting air filter for condition. Air filter is due for inspection at Actt: (274.7) or (1 year). Replacement is due at Actt: (674.7) or as necessary based on condition. Effective date January 29, 1985.**
- **Complied with the following Service Bulletins (SB's):**

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- **Lycoming SB #521 and SB#531 Inspection of Exhaust System Slip Joints for Proper Engagement and Inspection of Marmon Flange Joint at Transition Inlet by inspecting the slip joints and marmon flanges of the exhaust crossover for proper engagement. To be complied with at every annual or 250 hours. Dated February 10, 1995. Owner Deferred.**
- **Completed the following additional items:**
- **Several rusty washers and nuts around engine area. Cleaned, treated and applied corrosion preventative.**
- **De-greased engine area.**
- **Valve cover gaskets seeping. Tightened valve covers to proper specifications.**
- **Intake gaskets on #2 and #4 cylinders are seeping. Removed intake tubes and installed new gaskets PN:71973.**
- **#6 intake tube has chafed area from c-clamp improperly placed at installation. Installed new tube PN: LW 12195. Work performed IAW Lycoming Overhaul Manual PN: 60294-7.**
- **Performed post inspection run-up, NDN.**
- **Ad's checked through 2010-10.**

I certify that this **ENGINE** has been inspected in accordance with a **100-HOUR** inspection and was determined to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under **Work Order No: 64352 Date: May 21, 2010**

Signed *[Signature]* for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

[Signature]
EASA# C41R727N

Total To
Carry Forward





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lo.

Engine Log Entry		Hobbs: 278.9	Registration #: N134ST
Date: 11/11/2010		Total Time: 278.9	Make/Model: TIO-540-AE2A
W/O: 64526 64621 (TK)		Cycles: —	S/N: L-13064-61A

- Drained oil and took sample. Removed and cut open oil filter - NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter p/n CH48103-1. Serviced engine with 11 quarts of Exxon Elite 20W-50. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480E.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 64621 Date: November 11, 2010

Signed [Signature] for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727

ENGINE LOG

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

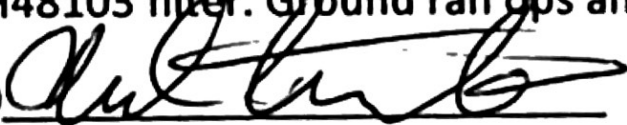
Charlotte-Monroe Air Center

N134ST Airframe

Date:4-20-2011 Tach:n/a Hobbs:260.6 Model:PA46R-350T Serial:4692038

Drained oil and removed filter and inspected, no metal found. Installed 11 qts of Exxon Elite and qty 1 CH48103 filter. Ground ran ops and leak check normal.

A&P3293400



Total To Carry Forward				

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 06/07/11

Hobbs: 271.1

Prop TT: 271.1

ACTT: 271.1

PROPELLER LOG

Model: HC-13YR-1E

Hub SN: HK1408B

N134ST

Aircraft SN: 4692038

ACCOMPLISH an ANNUAL INSPECTION IAW FAR 43, APP "D" USING THE PIPER PA46R-350T INSPECTION WORKSHEET AS A GUIDE. Touched up paint on blades. Lubricated hub with A/S #6 grease and cleaned deice slip ring.

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, WO # 28074 Ad's Researched Thru Rev. 2011-11

Signature



CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 06/07/11

ENGINE LOG

N134ST

Hobbs: 271.1

Model: TIO-540-AE2A

Aircraft SN: 4692038

Eng TT: 271.1

SN: L-13064-61A

ACTT: 271.1

ACCOMPLISH an ANNUAL INSPECTION IAW FAR 43, APP "D" USING THE PIPER PA46R-350T Inspection report as a guide. Accomplish Engine Compressions: (1) 77/80 (2) 78/80 (3) 78/80 (4) 78/80 (5) 78/80 and (6) 78/80 . Performed an oil and filter change, Inspected filter removed and serviced with 12 QTS Exxon Elite 20W50 oil and 1 PN CH48103-1 oil filter. C/W AD 84-26-02 by inspection of paper air Filters. C/W AD 2011-06-10 by installing new TIT probe, P/N 86307. . C/W AD 2008-14-07 by Inspection of fuel injector lines. Accomplish Piper SB 1012 IAW Lycoming SB 531 Inspect turbo charger and tail piper Inspected IAW SB 1012 AND SB 531 C/W SB 521 Inspection Exhaust Joints installed missing gasket, P/N 06B19913 .Installed new right hand magneto gasket, LW12681, and timed to 20 degrees BTDC. Replaced all 6 rocker box cover gaskets, P/N 67193. Installed new left hand magneto gaskets, P/N lw12681, and timed to 20 degrees BTDC. Lubricated wastegate butterfly. Retensioned AC compressor belt. Retensioned #1 alternator belt. Retensioned #2 alternator belt. Shortened and rerouted wing de-ice hose to clear exhaust.

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, WO #28074 Ad's Researched Thru Rev. 2011-11

Signature



CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		



580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs:	311.1	Registration #:	N134ST
Date: October 14, 2011	Total Time:	311.1	Make/Model:	TIO-540-AE2A
W/O: UZA-100323	Cycles:	_____	S/N:	L-13064-61A
	TSO:	_____		

- Completed oil and filter change. Examined oil filter and pick up screen. NDN. Took oil sample. Installed new oil filter PN: CH48103-1. Installed new crushed gasket PN: MS35769-21. Serviced engine with 11 qts of Exxon Elite 20W-50. Work performed per Lycoming SB 480E. Performed post engine run-up. NDN. Ops checked good.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to work performed. Pertinent details of the repair are on file at this agency under Work Order No: UZA-100323 Date: October 14, 2011 Signed _____ for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

and Remarks

Signature

Certificate No.

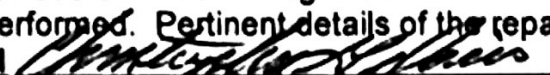


580 Airport Road, Rock Hill, SC 29732

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Engine Log Entry	Hobbs: 347.5	Registration #:	N134ST
Date: 1 March 12		Make/Model:	TIO-540-AE2A
W/O: UZA-100471		S/N:	L-13064-61A

- Completed oil and filter change. Examined oil filter and pick up screen. NDN. Took oil sample. Installed new oil filter PN: CH48103-1. Installed new crushed gasket PN: MS35769-21. Serviced engine with 11 qts of Exxon Elite 20W-50. Work performed per Lycoming SB 480E. Performed post engine run-up. NDN. Ops checked good.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to work performed. Pertinent details of the repair are on file at this agency under Work Order No: UZA-100471  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 07/20/12

Hobbs: 385.0

Eng TT: 385.0

ACTT: 385.0

ENGINE LOG

Model: TIO-540-AE2A

SN: L-13064-61A

N134ST

Aircraft SN: 4692038

ACCOMPLISH an ANNUAL INSPECTION IAW FAR 43, APP "D" USING THE PIPER PA46R-350T Inspection report as a guide. Accomplish Engine Compressions: (1) 78/80 (2) 78/80 (3) 78/80 (4) 75/80 (5) 76/80 and (6) 76/80 . Performed an oil and filter change, Inspected filter removed and serviced with 12 QTS Exxon Elite 20W50 oil and 1 PN CH48103-1 oil filter. C/W AD 84-26-02 by inspection of paper air Filters. C/W AD 2011-06-10 TIT probe inspection. C/W AD 2011-26-04 by Inspection of fuel injector lines. Accomplish Piper SB 1012 IAW Lycoming SB 531 Inspect turbo charger and tail piper Inspected IAW SB 1012 AND SB 531 C/W SB 521 Inspection Exhaust Joints installed missing gasket, P/N 06B19913. C/W AD 2011-13-03 IAW Piper VSP207 turbocharger center housing rotating assembly contamination. C/W AD 2010-13-07 inspection of "V" band exhaust coupling. Replaced engine driven fuel pump, installed P/N 200F-5002 S/N LHN025FP, per Textron Lycoming direct drive standard practice manual SSP1776D Section 5. Removed, cleaned and reinstalled intake pipes with new gaskets on cylinders 1,2,3and 5, installed P/N 72711 per Lycoming overhaul manual. Relocated and secured wastegate drain hose. Tightened bolts and adjusted linkage on alternate air door . Removed nozzle from #6 cylinder, cleaned and reinstalled with new seals, installed P/N 951391 Installed vacuum blast tube with new fasteners. Installed new clamps in right hand exhaust heat shield. Replaced nut on the "v" band clamp, installed P/N 755-657.

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, WO #29227 Ad's Researched Thru Rev. 2012-13

Signature

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

CRS # ECWR470D

and Remarks

Signature

Certificate No.



580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs: 425.6	Registration #:	N134ST
Date: 1/23/2013	Total Time: 425.6	Make/Model:	TIO-540-AE2A
W/O: UZA-100811		S/N:	L-13064-61A

- Drained oil and took a sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48103-1 and safetied. Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20w-50. Oil filter/screen content inspection performed per Lycoming SB 480E.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No:

100811

Signed

CRS# C41R727N

for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

ENGINE LOG



580 Airport Road, Rock Hill, SC 29732
Phone: (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs: 433.0	Registration #:	N134ST
Date: 15 March 2013	Total Time: 433.0	Make/Model:	TIO-540-AE2A
W/O: UZA-100824		S/N:	L-13064-61A

- Tightened alternator 1 and 2 belts. Isolated battery minder from electrical bus system. Ran engine. Both alternators op check good IAW Piper PA-46R-350T MM chapter 24.
- Adjusted vacuum system IAW Piper PA-46R-350T MM chapter 37. Vacuum system operates normally. NDN.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No:

100824

Signed  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

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Tot
Carry Forward





580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

e No.

Engine Log Entry	Hobbs:	470.6	Registration #:	N134ST
Date: August 1, 2013	Total Time:	470.6	Make/Model:	TIO-540-AE2A
W/O: UZA 100898	Cycles:	N/A	S/N:	L-13064-61A
	TSO:	N/A		

Performed a 100-HOUR Inspection:

- Performed a 100/annual inspection of this engine IAW 14 CFR Part 43, 43.15 and appendix D (as applicable). Utilized the following checklist: Piper PA-46-350P MM chapter 05-20-00.

Complied with the following Special Inspections per Chapter 05-30-00:

- **The following time limit items were performed:**
- 100hr V-Band Coupling Inspection
- 100hr Alternator and Air Conditioner Belt Tension Check
- 100hr Vacuum Pump Inspection
- 2yr/250 Exhaust inspection per Lycoming Service Bulletin 521 and 531.

Airworthiness Directives (AD's): Ad's Checked through 2013-14

- **CW AD 84-26-02 Paper Induction Air Filters per "NOTE" by inspecting air filter for condition. Air filter is due for inspection at ACTT 570.6 or 7/2014. Replacement is due at ACTT 970.6 or as necessary based on condition. Effective date January 29, 1985.**

ENGINE LOG



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- **CW AD 2011-26-04 Prevent Failure Of Fuel Injector Lines.** Referenced Lycoming SB342F, dated June 4, 2010. Next inspection due at Actt 570.6, annual inspection, or after any maintenance has been done on the engine where any clamp (or clamps) on a fuel injector line (or lines) has been disconnected, moved, or loosened. Effective date January 25, 2012.

Service Bulletins (SB's):

- **CW Piper mandatory SB 1103D Engine Mount Inspection** by inspecting actuator attach feet for cracks IAW instructions Part 1. No defects noted at this time. Next compliance due in 100 hrs at ACTT 570.6 hours. Effective date of the SB is February 2, 2011.

Completed the following additional items:

- Drained oil and took a sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48-103 and safetied. Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20w-50. Oil filter/screen content inspection performed per Lycoming SB 480E.
- Compressions as follows 1-75/80, 2-72/80, 3-74/80, 4-71/80, 5-72/80, 6-75/80.
- Performed a 400 hour valve train inspection per the O-540 & IO-540 series operators manual section 4. Installed new valve cover gaskets PN: 67193 IAW Lycoming OH Manual PN: 60294-7.

T.
Carry Forward





580 Airport Road, Rock Hill, SC 29732
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No.

- 500hr magneto inspection performed. Removed both magnetos and sent for repair. Magneto Model 6360 SN: 08011337 8130-3 WO: WO1170009644.001 by Quality Aircraft Accessories (repaired) dated 07/25/13, Magneto Model 6363 SN: 08011909 8130-3 WO: WO1170009644.002 by Quality Aircraft Accessories (repaired) dated 07/25/13, Re-installed magnetos with new gaskets PN: LW12681 and 62224. Performed post inspection run-up, NDN. Work performed IAW Piper PA46-350P MM CH. 74.
- Verified proper fuel system pressure on start up. Performed post annual performance run-up and adjustments to proper specifications. Work performed IAW Piper PA46R-350T MM CH. 76.
- Performed post inspection performance run-up, NDN.

I certify that this ENGINE has been inspected in accordance with a 100-HOUR inspection and was determined to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No: 100898 Signed

CRS# C41R72FN

for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

ENGINE LOG



580 Airport Road, Rock Hill, SC 29732
Phone: (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs: 510.6	Registration #: N134ST
Date: 21 Jan 2014	Total Time: 510.6	Make/Model: TIO-540-AE2A
W/O: UZA-101198		S/N: L-13064-61A

- Drained oil and took sample. Removed and cut open oil filter - NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter p/n CH48103-1. Serviced engine with 11 quarts of Exxon Elite 20W-50. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480E.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to work performed. Pertinent details of the repair are on file at this agency under Work Order No: UZA-101198

Signed  for Skytech, Inc. 580 Airport Dr. Rock Hill, SC 29732.
CRS# C41R727N

To: _____
Carry Forward 

FAA - PMA

This tag certifies that Sky-Tec Model No. 149-NL

and Remark

Serial No. FN-491353 was manufactured new on 19 Dec 2013

by Sky-Tec under the authority of FAA-PMA No. PQ0852SW

Supplement No. 7 in accordance with Sky-Tec's
FAA-Approved Quality System (14CFR Part 21, Subpart K).

This article has been determined to be airworthy.

For installation eligibility see www.skytecair.com/eligibility.htm

Starter Installed on N 134ST by Kirk Barrett
(Aircraft) (Mechanic)

Form CC1108-1

Aircraft: N134ST Tach: 0510.1 Date: 11/15/14

Removed and replaced starter.
Sky-Tec model 149-NL. Installed
s/n FN-491353. Ops check good
Kirk Barrett AIP IIA 3114101.
Carolina Aviation of Aiken, Aiken
SC.

ENGINE LOG



580 Airport Road, Rock Hill, SC 29732
Phone: (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs: 536.8	Registration #:	N134ST
Date: 4/23/14	Total Time: 536.8	Make/Model:	TIO-540-AE2A
W/O: UZA-101295		S/N:	L-13064-61A

- Drained oil and took a sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48103-1 and safetied. Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20w-50. Oil filter/screen content inspection performed per Lycoming SB 480E.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No:

101295

Signed William C. [Signature] (CS) for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.
CRS# C41R727M

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Total to
Carry Forward





580 Airport Road, Rock Hill, SC 29732
Phone: (803) 366-5108 / Fax: (803) 366-5230

No.

Engine Log Entry	Hobbs: 565.3	Registration #:	N134ST
Date: September 5, 2014	Total Time: 565.3	Make/Model:	TIO-540-AE2A
W/O: UZA-101349		S/N:	L-13064-61A

Performed a 100-HOUR/Annual Inspection:

- Performed a 100/annual inspection of this engine IAW 14 CFR Part 43, 43.15 and appendix D (as applicable). Utilized the following checklist: Piper PA-46R-350T MM chapter 05-20-00.

OWNER NOTIFIED OF THE FOLLOWING SPECIAL INSPECTIONS PER CH. 05-30-00:

- Replace vacuum pump shear coupling. (6 yrs)
- Exhaust inspection per Lycoming Service Bulletin 521 and 531. (250 hr, 1 yr)
- Remove and flush oil cooler. (500 hr)

Airworthiness Directives (AD's): AD's checked through FAA Release Number: 2014-17.

- C/W AD 2011-26-04 Prevent Failure Of Fuel Injector Lines. Referenced Lycoming SB342G, dated July 16, 2013. Next inspection due at ACTT (665.3), annual inspection, or after any maintenance has been done on the engine where any clamp (or clamps) on a fuel injector line (or lines) has been disconnected, moved, or loosened. Effective date January 25, 2012.

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ENGINE LOG



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Phone: (803) 366-5108 / Fax: (803) 366-5230

- CW AD 84-26-02 Paper Induction Air Filters per "NOTE" by inspecting air filter for condition. Air filter is due for inspection at ACTT (665.3) or (1 year). Replacement is due at ACTT (970.6) or as necessary based on condition. Effective date January 29, 1985.
- CW AD 2011-06-10 - Replaced Turbine inlet temperature probe (P/N 686-216) IAW Piper PA-46-350P MM chapter 77-20-00. Due again at 815.3. Effective date 5/6/2011.

Service Bulletins (SB's):

- CW Piper mandatory SB 1103E Engine Mount (P/N 89137-002, 89137-041, 89137-042) Inspection by inspecting actuator attach feet for cracks IAW instructions Part I. No defects noted at this time. Next compliance due in 100 hrs at ACTT 665.3 hours. Effective date of the SB is June 5, 2014.

Owner Notified of the following Service Bulletin:

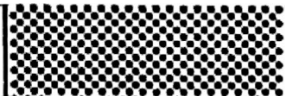
- Owner notified of Piper mandatory SB 1103E Engine Mount replacement.

Completed the following additional items:

- Secured vacuum pump scat hoses for proper fit and clearance.
- Drained oil and took a sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48-103 and

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Total To
Carry Forward





117 Army Road, Box 102, 20725
Phone (913) 996-5120 / Fax (913) 996-5120

76

safetied Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied
Serviced engine with 11 quarts of Exxon Elite 20W-50. Oil filter/screen content inspection
performed per Lycoming SB 490E.

- Performed engine compressions. Compressions are as follows 1-77/80, 2-77/80, 3-76/80, 4-75/80, 5-77/80, 6-76/80
- Degreased engine and nose wheel well areas.
- Performed post inspection run-up. NDN.



580 Airport Road, Rock Hill, SC 29732
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No.

safetied. Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20W-50. Oil filter/screen content inspection performed per Lycoming SB 480E.

- Performed engine compressions. Compressions are as follows 1-77/80, 2-77/80, 3-76/80, 4-75/80, 5-77/80, 6-76/80.
- Degreased engine and nose wheel well areas.
- Performed post inspection run-up. NDN.

ENGINE LOG



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I certify that this ENGINE has been inspected in accordance with a 100-HOUR/Annual inspection and was determined to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No: 101349.

Signed *Dwight Williams* (DW) for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.
CRS# C41R727N

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Carry Forward





580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230


No.

Engine Log Entry	Hobbs: 612.8	Registration #:	N134ST
Date: November 19, 2015	Total Time: 612.8	Make/Model:	TIO-540-AE2A
W/O: UZA-101564		S/N:	L-13064-61A

- Drained oil and took sample. Removed and cut open oil filter - NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter PN: CH48103. Reinstalled sump screen with a new crush gasket PN: MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20W-50. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480E.
- Lubed and cleaned wastegate. Performed operational check and manually worked wastegate to check operation. Ops checked good. NDN.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No: 101564.

Signed  (DW) for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.
CRS# C41R727N

ENGINE LOG



580 Airport Road, Rock Hill, SC 29732
Phone: (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs: 665.2	Registration #:	N134ST
Date: 01 October, 2015	Total Time: 665.2	Make/Model:	TIO-540-AE2A
W/O: UZA-101775		S/N:	L-13064-61A

Performed a 100 Hour Inspection:

- Performed a 100/annual inspection of this engine IAW 14 CFR Part 43, 43.15 and appendix D (as applicable). Utilized the following checklist: Piper PA-46R-350T MM chapter 05-20-00.

Complied with the following Special Inspections per Chapters 4 & 5:

- 50HR Check security of injector nozzles (Due 1st 50HR)
- 50HR Fuel line, Fitting, and Injector Strainer Insp
- 50HR Oil and filter change
- V-band couplings for condition and security
- Magneto 100 hour inspection

Owner notified the following Special Inspections per Chapter 5 are due:

- Each 250 Hours time in service or annually, whichever comes first, comply with the latest revisions of Lycoming Service Bulletins No.521 and 531
- Remove and flush oil radiator



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Airworthiness Directives (AD's): Checked through Biweekly 2015-19

- **C/W AD 2015-19-07 Prevent Failure Of Fuel Injector Lines.** Referenced Lycoming SB342G, dated July 16, 2013. Next inspection due at ACTT 775.2 (plus 110hrs), annual inspection, or after any maintenance has been done on the engine where any clamp (or clamps) on a fuel injector line (or lines) has been disconnected, moved, or loosened. Effective date November 3, 2015.
- **C/W AD 84-26-02 Paper Induction Air Filters per "NOTE" by inspecting air filter for condition.** Installed new air filter PN: 561-020 (P15-1936) Work performed IAW Piper PA-46R-350T MM Chapt 12. Air filter is due for inspection at ACTT (765.2) or (1 year). Replacement is due at 1165.2 (500 filter hours) or as necessary based on condition. Effective date January 29, 1985.

Service Bulletins (SB's):

- None performed at this time.

Completed the following additional items:

- Performed a compression check IAW Lycoming SI 1191A, dated September 28, 1998. Utilized compression tester S/N SC0023. Compressions as follows: 1- 78/80, 2- 78/80, 3- 80/80, 4- 77/80, 5- 79/80, 6- 79/80.
- Adjusted engine manifold pressure to within limits IAW Piper PA-46R-350T MM chapter 76-10-00.
- Degreased engine area.
- Installed new rocker cover gaskets PN: 67193 on all 6 cylinders. Work performed IAW Piper PA-46R-350T MM Chapt 5.
- Tightened engine drain back tubes.
- Tightened hose clamp on accessory case breather tube.

ENGINE LOG



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- Drained oil and took a sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48103-1 and safetied. Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20w-50. Oil filter/screen content inspection performed per Lycoming SB 480E.

I certify that this ENGINE has been inspected in accordance with a 100-Hour inspection and was determined to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No:

UZA-101775

Signed
29732.

(JTS) for Skytech, Inc., PO Box 37507, Rock Hill, SC

CRS# C41R727N

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Total

Carry Forward





580 Airport Road, Rock Hill, SC 29732
Phone (803) 366-5108 / Fax (803) 366-5230

No.

Engine Log Entry	Hobbs: 705.6	Registration #:	N134ST
Date: 4/20/16	Total Time: 705.6	Make/Model:	TIO-540-AE2A
W/O: UZA-102013		S/N:	L-13064-61A

- Drained oil and took a sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48103-1 and safetied. Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20w-50. Oil filter/screen content inspection performed per Lycoming SB 480E.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No:

102013

Signed William C. [Signature] (CS) for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.
CRS# C41R727

ENGINE LOG



580 Airport Road, Rock Hill, SC 29732
Phone (803) 366-5108 / Fax (803) 366-5230

Engine Log Entry	Hobbs: 733.2	Registration #:	N134ST
Date: 12 July 2016	Total Time: 733.2	Make/Model:	TIO-540-AE2A
W/O: UZA-102097		S/N:	L-13064-61A

- Drained oil and took a sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48103-1 and safetied. Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20w-50. Oil filter/screen content inspection performed per Lycoming SB 480E.
- Found apparent oil leak from ruptured airconditioning hose. No other oil leaks noted.
- Installed **NEW** airconditioning hose in engine bay P/N 566-353 MFG 2nd quarter 2016 and **NEW** receiver/dryer P/N 601-218 S/N N/A. P.O. for both parts UZA-59411. Serviced with 2.5LB's of R-134. All work performed IAW Piper PA-46R-350T MM chapter 21. Op checks good. NDN.

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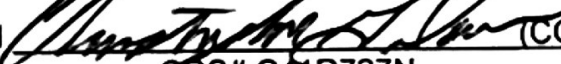


580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under **Work Order No: 102097.**

Signed  (CGD) for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732. CRS# C41R727N

ENGINE LOG



580 Airport Road, Rock Hill, SC 29732

Phone (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs: 754.7	Registration #:	N134ST
Date: November 10, 2016	Total Time: 754.7	Make/Model:	TIO-540-AE2A
W/O: UZA-102100		S/N:	L13064-61A

Performed a 100 Hour Inspection:

- Performed a 100/annual inspection of this engine IAW 14 CFR Part 43, 43.15 and appendix D (as applicable). Utilized the following checklist: Piper PA-46R-350T MM chapter 05-20-00.

The following Special Inspections were completed: Reference: Piper PA-46R-350T AMM, Chapter 05-30-00.

- 50hr Fuel line, Fitting, and Injector Strainer Insp
- 50hr Oil and filter change
- 100hr V-band couplings for condition and security
- 100hr Alternator and air-conditioning belt tension
- 100hr Magneto inspection
- 250hr in service or annually, whichever comes first, comply with the latest revisions of Lycoming Service Bulletins No.521 and 531 (Last performed @ 08/01/13 H:470.6)
- Inspect engine air filter

Airworthiness Directives (AD's): Checked through Biweekly 2016-22

- CW AD 2015-19-07 Prevent Failure Of External Fuel Injector Lines by inspecting lines and clamps IAW Lycoming SB342G, dated July 16, 2013. Next inspection due at ACTT 864 7, after overhaul, or after any maintenance has been done on the engine where any clamp (or clamps) on

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**Total
Carry Forward**



a fuel injector line (or lines) has been disconnected, moved, or loosened. Effective date of AD is November 3, 2015.

- CW AD 84-26-02 Paper Induction Air Filters per "NOTE" by inspecting air filter for condition. Air filter is due for inspection at ACTT 854.7 or 11/10/17. Replacement is due at ACTT 1165 2 (500 filter hours) or as necessary based on condition. Effective date January 29, 1985

Service Bulletins (SB's):

- CW Piper mandatory SB 1103F Engine Mount by removing engine mount (P/N 89137-042, S/N 317607) and installing new engine mount (P/N 89137-043, S/N M00342639) IAW with instructions Part II. Weight and balance revised this date. The repetitive inspection requirement is eliminated. Effective date of the SB is September 1, 2015.

Completed the following additional items:

- Performed a compression check IAW Lycoming SI 1191A, dated September 28, 1998. Compressions as follows. 1- 75/80, 2- 78/80, 3- 75/80, 4- 78/80, 5- 76/80, 6- 79/80
- Drained oil and took a sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48103-1 and safetied. Reinstalled sump screen with a new crush gasket p/n MS35769-21 and safetied. Serviced engine with 11 quarts of Exxon Elite 20w-50. Oil filter/screen content inspection performed per Lycoming SB 480E.
- Installed new engine shock mounts PN: 475-117 and PN: 475-116. Work performed IAW Piper PA-46R-350T MM Chapt 71.
- Tightened engine breather tube.

ENGINE LOG



580 Airport Road, Rock Hill, SC 29732
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- Installed new #1 cylinder CHT Probe PN: 558-011. Work performed IAW Piper PA-46R-350T MM Chapt 77
- Installed new #1 cylinder exhaust flange PN: 40B19840. Work performed IAW PA-46R-350T MM and Lycoming TIO-540-AE2A MM.

Owner notified the following items are Due or coming Due:

- Owner notified - 250hr Replace turbine inlet temperature (TIT) probe. (Due in 60.6 hrs)
- Owner notified - 300hr Airplanes equipped with Aero Accessories, Inc Tempest Inspect Dry Air Pumps
- Owner notified - 500hr Remove propeller: remove sludge from propeller and crankshaft
- Owner notified - Aero Accessories, Inc. vacuum pump(s), replace the shear coupling
- Owner notified - AD 2011-06-10 - Turbine Inlet Probe replacement. (250 hrs). (Due in 60 6hrs @ 815.3)
- Owner notified - Piper mandatory SB 995C Turbine Inlet Temperature System Calibration And Probe Replacement. (60.6 hrs remain)

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Total
Carry Forward





580 Airport Road, Rock Hill, SC 29732

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I certify that this ENGINE has been inspected in accordance with a 100-Hour/Annual inspection and was determined to be in airworthy condition

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No:

UZA-102100

Signed
29732.


CRS# C41R727N

(JTS) for Skytech, Inc., PO Box 37507, Rock Hill, SC

ENGINE LOG

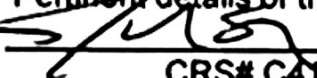


580 Airport Road, Rock Hill, SC 29732
Phone: (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs: 755.2	Registration #:	N134ST
Date: 11/14/2016	Total Time: 755.2	Make/Model:	TIO-540-AE2A
W/O: UZA-102100		S/N:	L-13064-61A

- C/W AD 2011-06-10 - Replaced Turbine inlet temperature probe (P/N 686-216) Work performed IAW Piper PA-46R-350T MM chapter 77-20-00. Due again at 1005.2 (250hr Interval). Effective date 5/6/2011).
- C/W Piper mandatory SB 995C Turbine Inlet Temperature System Calibration And Probe Replacement by installing new probe p/n 686-216 IAW Part 3 instructions 1 and 2. Next probe replacement due in 250 hours at ACTT 1005.2 (ACTT + 250hrs) hours. Effective date of the SB is June 18, 2009.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No: UZA-102100 Signed  (JTS) for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732. CRS# C41R727N

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580 Airport Road, Rock Hill, SC 29732

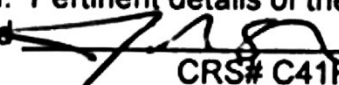
No.

Phone: (803) 366-5108 / Fax: (803) 366-5230

Engine Log Entry	Hobbs: 782.0	Registration #:	N134ST
Date: March 27, 2017	Total Time: 782.0	Make/Model:	TIO-540-AE2A
W/O: UZA-102332		S/N:	L-13064-61A

- Removed #1 alternator PN: ALU-8539LS SN: H124030. Installed (new) #1 alternator PN: ALU-6539LS SN: H-Q030487. Work performed IAW Piper PA-46R-350T MM Chapt 24.
- Removed #2 alternator PN: ALU-8539LS SN: I030559. Installed (new) #2 alternator PN: ALU-6539LS SN: H-Q021584. Work performed IAW Piper PA-46R-350T MM Chapt 24.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No: UZA-102332 Signed  (JTS) for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732. CRS# C41R727N

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4-07-2017	Brought Forward →	HM 787.3 hrs.		Changed oil and filter. Checked oil filter and suction screen for metal. None noted. Serviced engine with 11 Qts Exxon 20W50 oil. Checked cylinder compressions. All cylinders are $\frac{75}{80}$ or above. Performed engine run-up and functional checks, operation is satisfactory. <i>Kevin Neal</i> A+P #443641987
Total To Carry Forward				

and Remarks	Signature	Certificate No.
-------------	-----------	-----------------



DES MOINES
FLYING SERVICE

INTERNATIONAL AIRPORT
PO BOX 35126 – DES MOINES, IOWA 50315-0302
TELEPHONE (515) 256-5300 – FAX (515) 256-5537
dmfs.com

04/26/2017

N134ST

**Lycoming
TIO-540-AE2A**

SN: L-13064-61A

HOBBS: 787.6

TOTAL: 787.6

1. Removed and replaced #1 vacuum pump P/N: 10-01997 S/N: 0BER06 IAW Piper PA-46-350T AMM 37-10-00. After installing new #1 vacuum pump and attempting to adjusted #1 and #2 vacuum pump regulators, it was discovered that the #2 vacuum pump regulator would not adjust to more than 3.1 InHg. Troubleshot system and determined that #2 vacuum pump was unable to produce required vacuum. Removed #2 vacuum pump and installed overhauled #2 vacuum pump PN 441CC-17 SN 171704.
2. Tightened RH tailpipe heat exchanger muff.
3. Replaced crossover tube heatshield P/N 89688-802 and fixed crossover-tube bracket washer placement.
4. Installed new baffle attach bolt on the #2 cyl attach point IAW standard maintenance practices.
5. Replaced attach hardware and added washer to ensure baffle material does not pull through on the #1 cyl attach point.
6. Complied with Lycoming 400hr valve inspection found ok at this time. Replaced all rocker-box cover gaskets with new P/N: 05-11183 and torqued to 50 in-lbs.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		



DES MOINES
FLYING SERVICE

INTERNATIONAL AIRPORT
PO BOX 35126 -- DES MOINES, IOWA 50315-
0302 TELEPHONE (515) 256-5300 -- FAX (515)
256-5537
dmfs.com

04/26/2017

N134ST

**Lycoming
TIO-540-AE2A**

SN: L-13064-61A

HOBBS: 787.6

TOTAL: 787.6

7. Tightened LH baffle tie rod and jam nut.
8. Installed new alternate air door flap lever P/N: 84032-007 IAW standard maintenance practices.
9. Installed ty-wraps on prop control cable boot.
10. Manufactured a lower prop deice brush support bracket and installed IAW Piper PA46-350T AMM 30-60-00.
11. Manufactured ground cable for #2 alternator IAW standard maintenance practices.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No 19854.

Date Signed 04/26/2017:



David DeFord

**Total To
Carry F**

Des Moines Flying Service, Inc., FAA CRS G9CR485J

Quality Aviation, Inc.
3401 W Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N134ST Engine Log entry. Lycoming TIO-540-AE2A S/N L-13064-61A

Date: 10/23/17 Aircraft Hobbs: 797.1 Engine TT: 797.1

Complied with a Annual inspection in accordance with 14 CFR 43, Appendix D using the Piper PA-46R-350T service manual as a guide.

* Compression check #1 75/80 #2 76/80 #3 76/80 #4 74/80 #5 72/80 #6 77/80.

* The right and left mag timing was adjusted to 25 deg.

* Complied with Piper SB1180A inspected and tightened the turbo system V-clamps.

* Complied with AD2015-19-07 (effective 11/03/15) inspection of the fuel injector lines and clamps. Next due 11/01/2017

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

Ryan L. Fay A&P IA 3494602



March 27, 2018

N134ST

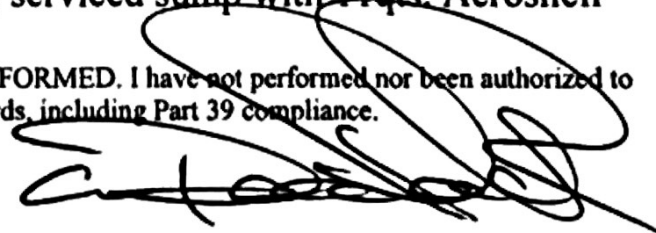
Hobbs: 900.8

1. Removed and reinstalled propeller with new o-ring P/N C-3317-228 after replacement of both alternator belts with new P/N 37A19773-382, 37A19773-464.
2. Changed oil and filter, filter inspection normal, installed CH48103-1 filter, serviced sump with 11qts. Aeroshell 15W50 oil. Run up and leak check normal.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11905 Corporate Way
Broomfield, CO 80021
303-404-0277



Curt Lee Power
A&P 2882132

ENGINE LOG

Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N134ST Engine Log entry. Lycoming TIO-540-AE2A S/N L-13064-61A

Date: 11/09/18 Aircraft Hobbs: 987.4 Engine TT: 987.4

Complied with a Annual inspection in accordance with 14 CFR 43, Appendix D using the Piper PA-46R-350T service manual as a guide.

* Compression check #1 78/80 #2 78/80 #3 73/80 #4 76/80 #5 75/80 #6 75/80.

* The engine oil was drained and the oil filter was cut open to inspect for contamination. The oil filter was found to be satisfactory, a new Champion CH48103-1 oil filter was installed and the engine was service with 12 qts of Aeroshell 15W50.

* Complied with Piper SB1180A inspected and tightened the turbo system V-clamps.

* Complied with AD2015-19-07 (effective 11/03/15) inspection of the fuel injector lines and clamps. Next due 12/01/2019. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Gerald L. Serres A&P IA 3496061



Total To Carry Forward				

Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N134ST Engine Log entry. Lycoming TIO-540-AE2A S/N L-13064-61A

Date: 01/16/19 Aircraft Hobbs: 991.9 Engine TT: 991.9

* The right mag was removed and replaced with an overhauled magneto from Kelly Aerospace (CRS# 9KJR356C), reference their W/O# KES1811-488. The mag was installed with a new gasket and timed to the engine. A ground run functional and leak check was made and found to be satisfactory.

Gerald L. Serres A&P IA 3496061



Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N134ST Engine Log entry. Lycoming TIO-540-AE2A S/N L-13064-61A

Date: 03/05/19 Aircraft Hobbs: 1010.5 Engine TT: 1010.5

* Replaced the left magneto with new, Champion Aerospace, P/N 6363, S/N 18090584. Ground functional test and leak check was found to be satisfactory.

Ryan L. Fay A&P 3494602



Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N134ST Engine Log entry.

Date: 12/07/17 Aircraft Hobbs: 832.5 Engine TT: 832.5

* Installed Tanis engine pre-heater, P/N TSP6CYL-2927-115, S/N 52339.

* The engine oil was drained and the oil filter was cut open to inspect for contamination. The oil filter was found to be satisfactory, a new Champion CH48103-1 oil filter was installed and the engine was service with 12 qts of Aeroshell 15W50.

Gerald L. Serres A&P 3496061



Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N134ST Aircraft Log entry. Piper PA-46R-350T S/N 4692038

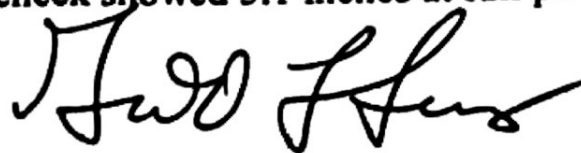
Date: 11/09/17 Aircraft Hobbs: 810.9 Aircraft TT: 810.9

* Tightened the clamps at the right and left main fuel tank outlet fuel tubes.

* Removed the access cover at the left wheel well fuel system "header tank", re-sealed and installed.

* Adjusted and #1 vacuum pump. Ground run functional check showed 5.1 inches at full power.

Gerald L. Serres A&P 3496061



Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N134ST Aircraft Log entry. Piper PA-46R-350T S/N 4692038

Date: 12/07/17 Aircraft Hobbs: 832.5 Aircraft TT: 832.5

- * Flushed the landing gear hydraulic system, a landing gear retraction functional test was made and found to be satisfactory.
- * Installed Tanis engine pre-heater, P/N TSP6CYL-2927-115, S/N 52339.
- * Replaced the Left fuel tank out board fuel transmitter, P/N 601-647 the fuel system was calibrated per the aircraft MM.
- * Repaired minor damage at the tail tie down due to impact from improper loading and passenger placement. The tie down and longeron was re-positioned and re-riveted.

Gerald L. Serres A&P 3496061



NORTH-SCOUT AVIATION, INC. - FAA REPAIR STATION: SNSR498C
27165 DAVID HALL TRAIL, KIRKSVILLE, MO 63501-7870 - TEL. 660-627-6023

N # N134ST

MAINTENANCE RECORD

WO # WOM-00303

COMPLETION DATE 09/29/2018 AIRCRAFT

Piper PA-46R-350T

TACH

HOBBS 0967.9 hrs.

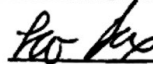
Maintenance - Lycoming TIO-50-AE2A, S/N L-13064-61A. Replaced left magneto with new Slick M/N 6363 S/N 17D40386 provided by customer and purchased through Des Moines Flying Service. Timed engine. Post engine run found satisfactory.

A complete description of work performed is on file at North-Scout Aviation, Inc. under the work order number indicated above.

I certify that unless otherwise specified, the work was accomplished in accordance with 14 CFR Part 43 and in respect to that work, the article is approved for return to service.

Form Number: NSFO211
Revision Number: 003
Revision Date: 08/02/2017

Authorized Signature



North-Scout Aviation, Inc.
FAA CRS #SNSR498C

Engine Log Entry

Date: 9/19/2018

~~Registration:~~ N134ST

Total Time: 946.2

Make/Model: TIO-540-61A

Serial #: L-13064-61A

-Drained oil, removed and cut open filter, NDN. Installed new oil filter part number CH48103-1. Serviced engine with 11 quarts of Aeroshell 15W-50. Work performed per Lycoming SB 480E. Performed Runup and checked for leaks. NDN.

Nathan Stieren 3464143



NORTH-SCOUT AVIATION, INC. - FAA REPAIR STATION: 5NSR498C
27165 DAVID HALL TRAIL, KIRKSVILLE, MO 63501-7870 - TEL. 660-627-6023

N # N134ST

MAINTENANCE RECORD

WO # WOM-00303

COMPLETION DATE 09/29/2018

AIRCRAFT _____

Piper PA-46R-350T

TACH _____

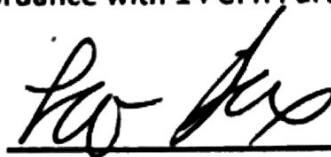
HOBBS 0967.9 hrs.

Maintenance - Lycoming TIO-50-AE2A, S/N L-13064-61A. Replaced left magneto with new Slick M/N 6363 S/N 17040386 provided by customer and purchased through Des Moines Flying Service. Timed engine. Post engine run found satisfactory.

A complete description of work performed is on file at North-Scout Aviation, Inc. under the work order number indicated above.

I certify that unless otherwise specified, the work was accomplished in accordance with 14 CFR Part 43 and in respect to that work, the article is approved for return to service.

Authorized Signature



Form Number: NSF0211
Revision Number: 003
Revision Date: 08/02/2017

North-Scout Aviation, Inc.
FAA CRS #5NSR498C

and Remarks	Signature	Certificate No.
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Quality Aviation, Inc.
 3401 W. Trunk Hwy 21
 Faribault, MN 55021
 1-866-865-1777

N134ST Engine Log entry. Lycoming TIO-540-AE2A S/N L-13064-61A
 Date: 07/01/19 Aircraft Hobbs: 1045.1 Engine TT: 1045.1

* The engine oil was drained and the oil filter was cut open to inspect for contamination. The oil filter was found to be satisfactory, a new Champion CH48103-1 oil filter was installed and the engine was service with 12 qts of Aeroshell 15W50.

Ryan L. Fay A&P IA 3494602



ENGINE LOG

Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N134ST Engine Log entry. Lycoming TIO-540-AE2A S/N L-13064-61A

Date: 12/12/19 Aircraft Hobbs: 1085.5 Engine TT: 1085.5

Complied with a Annual inspection in accordance with 14 CFR 43, Appendix D using the Piper PA-46R-350T service manual as a guide.

* Compression check #1 71/80 #2 77/80 #3 75/80 #4 77/80 #5 77/80 #6 77/80.

* The engine oil was drained and the oil filter was cut open to inspect for contamination. The oil filter was found to be satisfactory, a new Champion CH48103-1 oil filter was installed and the engine was service with 12 qts of Aeroshell 15W50.

* Adjusted mag timing. Timed Mags to engine.

* Complied with Piper SB1180A inspected and tightened the turbo system V-clamps.

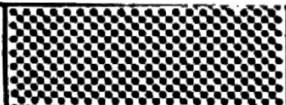
* Complied with AD2015-19-07 (effective 11/03/15) inspection of the fuel injector lines and clamps for condition and position. Inspection was complied with IAW Lycoming SB342G. Inspection was satisfactory. Next due at fuel injector maintenance or 01/01/20.

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

Ryan L. Fay A&P IA 3494602



Total To
Carry Forward



ENGINE LOG



Reg: N 134ST
Engine: TIO-540-AE2A
S/N: L-13064-61A
Date: October 8, 2020

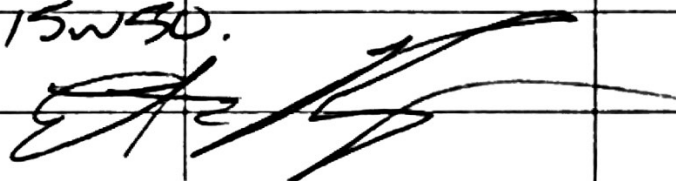
Hobbs: 1152.2
Engine TT: 1152.2

Complied with Annual inspection in accordance with 14 CER 43, appendix, the Piper PA-46-350T, maintenance manual chapters 05-20-00 and 12-20-0. Compressions Check #1 - 74/80 #2 - 72/80 #3 - 77/80 #4 - 78/80 #5 - 76/80 #6 - 75/80. Engine oil was drained and oil filter was cut open and inspected for contamination, no metal found. Installed new tempest oil filter 48103-1 and serviced engine with 12 qts of Aeroshell 15W50. I certify that this engine has been inspected I/A/W and annual inspection and has been found to be in an airworthy condition.

Ernest Kury
A&P 3527974 IA
Centerville AIR Techs LLC

Two handwritten signatures are present. The first signature is on the left, appearing to be 'EK' (Ernest Kury). The second signature is on the right, written in a more cursive style.

Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>12/21/2020 A/C HOBBS 1188.6 ENGT 1188.6 ENGINE OIL WAS DRAINED AND OIL FILTER WAS CUT OPEN AND INSPECTED FOR CONTAMINATION, NO METAL FOUND. INSTALLED NEW TEMPEST OIL FILTER 48103-1 AND SERVICE WITH 12 QTS OF AEROSHELL 15W50. ERNEST A KURY A&P 352774JA</p>		

Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N134ST Engine Log entry.

Date: 12/07/17 Aircraft Hobbs: 832.5 Engine TT: 832.5

- * Installed Tanis engine pre-heater, P/N TSP6CYL-2927-115, S/N 52339.
- * The engine oil was drained and the oil filter was cut open to inspect for contamination. The oil filter was found to be satisfactory, a new Champion CH48103-1 oil filter was installed and the engine was service with 12 qts of Aeroshell 15W50.

Gerald L. Serres A&P 3496061



and Remarks	Signature	Certificate No.
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Quality Aviation, Inc.
 3401 W. Trunk Hwy 21
 Faribault, MN 55021
 1-866-865-1777

N134ST Engine Log entry. Lycoming TIO-540-AE2A S/N L-13064-61A

Date: 03/22/2021 Aircraft Hobbs: 1234.5 Engine TT: 1234.5

* Complied with a compression check, Results: #1 78/80 #2 75/80 #3 74/80 #4 75/80 #5 76/80 #6 75/80.

Gerald L. Serres A&P 3496061



and Remarks	Signature	Certificate No.
-------------	-----------	-----------------



Reg: N 134ST
 Engine: TIO-540-AE2A
 S/N: L-13064-61A

Hobbs: 1318.2
 EngineTT: 1318.2
 Date: Aug 27, 2021

Engine oil was drained and oil filter was cut open and inspected for contamination, on metal found. Installed new tempest oil filter 48103-1 and serviced engine with 11 qts of Aeroshell 15W50. Run up leak check ok.

Ernest Kury
 A&P 3527974
 Centerville AIR Techs LLC

ENGINE LOG

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



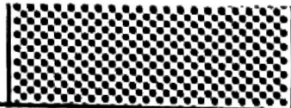
Reg: N 134ST
 Engine: TIO-540-AE2A
 S/N: L-13064-61A
 Date: May 11, 2021

Hobbs: 1272.3
 Engine TT: 1272.3

Engine oil was drained and oil filter was cut open and inspected for contamination, no metal found.
 installed new tempest oil filter 48103-1 and serviced engine with 12 qts of Aeroshell 15W50. Run up
 leak check ok.

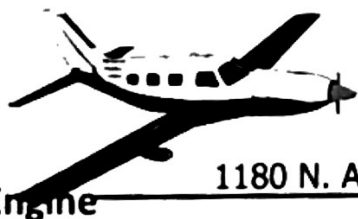
Ernest Kury
 A&P 3527974 IA
 Centerville AIR Techs LLC

Total To Carry Forward



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		



Midwest Malibu Center

Specializing in the PA46

www.MidwestMalibuCenter.com

1180 N. Airport Road • Hutchinson, KS 67501 • 620.728.1356 • Fax 620.662.0123

Engine

Log REG N134ST MODEL TIO-540-AE2A SERIAL L-13064-61A HOBBS 1328.0

01/21/2022 Engine total time 1328.0 hrs. Inspected engine per Midwest Malibu Center, Inc. PA46 Inspection Guide. Checked engine compressions. #1 73/80; #2 73/80; #3 72/80; #4 74/80; #5 69/80; #6 74/80. Changed oil & filter. Cut open filter and examined suction screen to check for metal contamination. None noted. Serviced engine with Phillips 20W50 oil. Cleaned breather tube. Installed wastegate P#: 47E21296, S#: H-PJN00083 after overhaul by Approved Turbo Components WO#: 36871. Installed intercooler P#: 20553A, S#: 108-7122-7 after overhaul by Pacific Oil Cooler Service WO#: 135241. Installed bypass P#: 47C21952 after overhaul by Aerospace Welding Minneapolis, Inc., WO#: 207207. Installed #2 cyl riser P#: 40B19841 after repair by Aerospace Welding Minneapolis, Inc., WO#: 207202. Installed #4 cyl riser P#: 40B19842 after repair by Aerospace Welding Minneapolis, Inc., WO#: 207204. Installed an adapter P#: 40B19840 after repair by Aerospace Welding Minneapolis, Inc., WO#: 207203. Installed adapter P#: 40B19851 after overhaul by Aerospace Welding Minneapolis, Inc., WO#: 207208. Installed #1 cyl riser P#: 40B19844 after repair by Aerospace Welding Minneapolis, Inc., WO#: 207199. Installed #3 cyl riser P#: 40B19827 after repair by Aerospace Welding Minneapolis, Inc., WO#: 207201. Installed an adapter P#: 40B19840 after repair by Aerospace Welding Minneapolis, Inc., WO#: 207200. Installed two new exhaust studs. Secured RH tail pipe heatshield. Installed new upper and intermediate exhaust crossover pipes. Installed new #3 and #4 adaptor gaskets. Installed new upper and lower crossover exhaust clamps. Installed serviceable crossover pipe links. Installed new ground strap bolt. Installed 12 new spark plugs RHB32E. Installed new RH mag half harness. Internally inspected magnetos. Installed new RH mag distributor gear. Installed new LH primary mag points and rotor gear. Reassembled mags, reinstalled and time to engine. C/W AD 2015-19-07 fuel line inspection. No defects noted. Next inspection due by 12/2022 or hm 1438.0. C/W Lycoming SB 521 exhaust inspection. No defects noted. Next inspection due by 12/2022 or hm 1578.0. C/W Lycoming 531C turbocharger inspection. No defects noted. Next inspection due by 12/2022 or hm 1578.0. C/W Lycoming SI 1422A exhaust inspection. No defects noted. Washed engine, performed run-up and functional checks. Operations satisfactory. Work performed in accordance with Lycoming Direct Drive Overhaul Manual.

Total To Carry Forward

I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.
 Tony Beauchamp A&P 3287154 IA

DATE	4/15/22	HAMMONDS AIRCRAFT MAINTENANCE 200 AVIATION RD HOUMA, LA 70363 (985)688-1520	HOBBS:	1354.1
REGISTRATION #	N134ST		ETTSN:	1354.1
ENGINE SERIAL #	L-13064-61A			

and

lo.

ENGINE LOG ENTRY

DRAINED OIL, REMOVED AND CUT FILTER NO METAL. INSTALLED TORQUED AND SAFTIED NEW CH48103-1 FILTER. REMOVED SUMP SCREEN, INSPECTED, NO METAL. INSTALLED WITH NEW CRUSH GASKET, TORQUED AND SAFTIED. SERVICED ENGINE WITH 12 QTS PHILIPS 20W50 VICTORY OIL AND 8OZ CAMGUARD. COMPRESSIONS #1 76/80, #2 70/80, #3 76/80, #4 72/80, #5 76/80, #6 75/80. INSTALLED AND TORQUED PLUGS WITH NEW SEAL WASHERS. WASHED ENGINE, TEST RUN AND LEAK CHECK GOOD.

Charles L. Hammonds A.P. 3725107

CHARLES L. HAMMONDS, II 3725107 I.A.

DATE	6/15/22	HAMMONDS AIRCRAFT MAINTENANCE 200 AVIATION RD HOUMA, LA 70363 (985)688-1520	HOBBS	1365.1
REGISTRATION #	N134ST		TTESN	1365.1
SERIAL #	L-13064-61A			

ENGINE LOG ENTRY

DRAINED OIL REMOVED AND CUT FILTER NO METAL INSTALLED TORQUED AND SAFTIED NEW FILTER PNI CH48103-1, SERVICED ENGINE WITH 11 QTS AEROSHELL 100+ OIL AND CAMQARD. WASHED ENGINE AND LOWER COWL. TEST RUN AND LEAK CHECK GOOD. APPROVED FOR SERVICE.

Charles L. Hammonds A.P. 3725107

CHARLES L. HAMMONDS, II 3725107 I.A.

ENGINE LOG

Watts Air 11363 Westlake dr Murchison TX 75778 TX40 Feb 1 2023

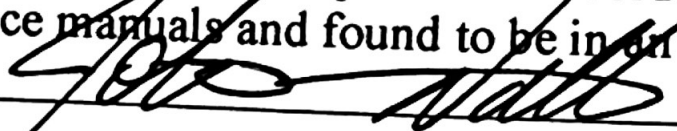
N134ST Aircraft TT 1436.0 Model TIO-540-AE2A SERIAL L-13064-61A

Inspected engine per Watts Air PA46R-350T inspection guide Checked

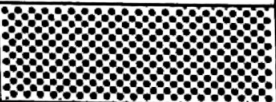
Compressions 75/80, 73/80, 72/80, 66/80, 71/80, 70/80. Checked timing and cleaned
plugs cleaned filters and screens changed oil 12qts and oil filter, replaced TIT probe,
adjusted map to 42". C/W AD 2015-19-07 fuel line insp next due by feb24 or 1536.0
cw sb 521exhaust insp sb 531c turbo insp cw SL 1422A exhaust insp both due 1686.0
or Feb 2024 run engine no leaks noted.

I certify that this Engine has been inspected in accordance with an 100 Hr inspection
and Piper maintenance manuals and found to be in an airworthy condition .

John Watts



A& P—IA 3039376

Total To Carry Forward				

Watts Air 11363 Westlake dr Murchison TX 75778 TX40 Oct 10 2023

N134ST Engine & Aircraft TT 1492.0 TTSTOH 0.0 Model TIO-540-AE2A

SERIAL# L-13064-61A

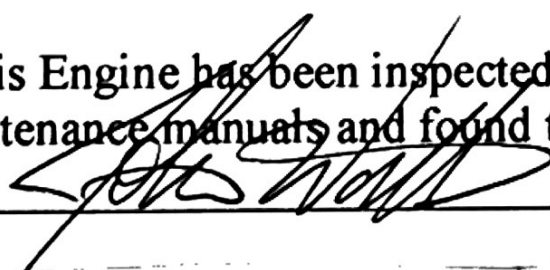
Inspected engine per Watts Air PA46R-350T inspection guide replaced all 6 cylinders with new cylinders and new pistons & wrist pins and caps and new rings refaced rocker arms, replaced valve cover gaskets with new rubber seals, replaced crankshaft front seal Checked

Compressions 78/80,78/80, 77/80, 79/80, 78/80, 78/80. Checked timing and cleaned plugs cleaned filters and screens changed oil 12qts and oil filter, adjusted map to 42".

C/W AD 2015-19-07 fuel line insp next due by oct/25 or 1536.0 cw sb 521exhaust insp sb 531c turbo insp cw SL 1422A exhaust insp both due 1686.0 or Oct 24 ran engine no leaks noted.

I certify that this Engine has been inspected in accordance with an 100 Hr inspection and Piper maintenance manuals and found to be in an airworthy condition .

John Watts



A& P—IA 3039376

No.

ENGINE LOG

Watts Air 11363 Westlake dr Murchison TX 75778 TX40 Jan 15 2025

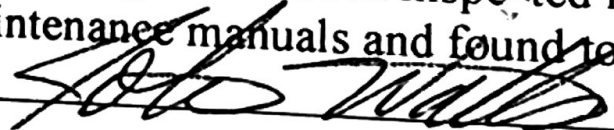
N134ST Engine & Aircraft TT 1536.0 TTSTOH 44.0 Model TIO-540-AE2A

SERIAL# L-13064-61A /

Inspected engine per Watts Air PA46R-350T inspection guide, replaced crankshaft front seal Checked Compressions 78/80, 78/80, 77/80, 79/80, 78/80, 78/80. Checked timing and cleaned plugs cleaned filters and screens changed oil 12qts and oil filter, adjusted map to 42". C/W AD 2015-19-07 fuel line insp next due by oct/26 cw sb 521exhaust insp sb 531c turbo insp cw SL 1422A exhaust insp both due 1686.0 or Oct 25 ran engine no leaks noted.

I certify that this Engine has been inspected in accordance with an 100 Hr inspection and Piper maintenance manuals and found to be in an airworthy condition .

John Watts



A& P—IA 3039376

Total To Carry Forward				

