

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OR WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTAL brought forward from previous page

Make Piper Model PA-46-350P Serial No./No. 4636043

Hobbs	Tach Reading	<u>2837.4</u>	Date	<u>10-13-15</u>	<u>Installed new CRANK</u>
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Seal P/N LW-15628. Tightened oil pressure fittings in Accessory CASE. Installed controller P/N 481008-0033 S/N D0N7328 AFTER overhaul by G&N AIRCRAFT w/o# 71351 see yellow TAG for details. Reinstalled fuel servo AFTER REPAIR by G&N AIRCRAFT w/o# 71351 P/N 2549038-3 S/N 70148504 see green TAG for details. Reinstalled MAGS AFTER REPAIR by G&N AIRCRAFT w/o# 71326 P/N 6363 S/N 15060749 Add P/N 6360 S/N 15030330 see green TAGS for details. Ground Run, checked for leaks, none found. END.

NORTHWEST AVIATION MAINTENANCE, INC.
1705 East Main Street • Griffith, IN 46319
Telephone: (219) 922-2632 • 800-247-7070

W.O.# 6711
Thomas E. Fenwick Jr.
Authorized Signature AP3044453 IA.



PH: 517 278-6516

143 E CHICAGO RD COLDWATER MI 49036

FAX 517 279-2363

11/09/2015

N92717

Hobbs: 2856.2

Performed oil change; drained oil, removed oil filter and Inspected filter for contaminants no contaminates found at this time; installed new oil filter P/N CH48103-1, and serviced engine with 20W50 Mineral oil. Performed run up ops check and leak check; checks satisfactory; no defects noted.

Walter H Paegel IV
Walter H Paegel IV AP3737207



Elite Air Service 300 Airport Dr. Coldwater MI 49036 517 278-6516

1/11/2016 N92717 Piper PA46-350P S#4636043 Lycoming TIO-540-AE2A L-11191-61A Hobbes 2888.0

Inspected engine as required by FAR 91.409(a)(1) per airframe checklist meeting requirements of FAR 43.15(c)(1) and FAR appendix D. Compressions are as follows, #1/73, #2/75, #3/70, #4/74, #5/75, #6/77. Spark plugs cleaned gaped and rotated.

CW 2011-26-04 Fuel injector line, by inspection, next due at un-cowling

All work done IAW Piper PA46-350P and Lycoming maintaince documents. Preformed post inspection operational check per FAR43.15(c)(2). Engine was inspected accordance with annual inspection and is determined to be airworthy at this time.

Rueben A Walkup
Rueben A Walkup A&P 3368

DESCRIPTION OR WORK PERFORMED--
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME
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FAX 517 279-2363

PH: 517 278-6516

ELITE AIR SERVICE
143 E CHICAGO RD COLDWATER MI 49036

Hobbs: 2932.3

03/22/2016

N92717

1996 PA-46-350P

Performed oil change; drained oil, removed oil filter and Inspected filter for contaminants no contaminates found at this time; installed new oil filter P/N CH48103-1, and serviced engine with 20W50XC. Performed run up ops check and leak check; checks satisfactory; no defects noted.

Walter H Paegel IV
Walter H Paegel IV AP3737207



FAX 517 279-2363

PH: 517 278-6516

ELITE AIR SERVICE
143 E CHICAGO RD COLDWATER MI 49036

Hobbs: 2973.6

08/10/2016

N92717

1996 PA-46-350P

Performed oil change; drained oil, removed oil filter and Inspected filter for contaminants no contaminates found at this time; installed new oil filter P/N CH48103-1, and serviced engine with 20W50XC. Removed all fuel injectors inspected cleaned replaced all seals P/N: MS29513-011 and reinstalled. Removed turbo controller P/N: 481008-0033 S/N: DEN7328 Installed serviceable turbo controller P/N: 481008-0033 S/N: DEN8991. Performed run up ops check and leak check; checks satisfactory; no defects noted.

Walter H Paegel IV
Walter H Paegel IV AP3737207



FAX 517 279-2363

PH: 517 278-6516

ELITE AIR SERVICE
143 E CHICAGO RD COLDWATER MI 49036

10/31/2016 N92717, 1996 PA-46-350P S/N: 4636043 Lycoming TIO-540-AE2A
Hobbs: 3023.6

Performed oil change; drained oil, removed oil filter and Inspected filter for contaminants no contaminates found at this time; installed new oil filter P/N AA48103-1, and serviced engine with 20W50XC. Performed run up ops check and leak check; checks satisfactory; no defects noted at this time.

Walter H Paegel IV
Walter H Paegel IV AP3737207

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DATE	TOTAL TIME	TOTAL TIME	TACH OR RECORDING	DESCRIPTION OR WORK PERFORMED--
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Elite Air Service 300 Airport Dr. Coldwater MI 49036, (517) 278-6516







1/03/2017 N92717 Piper PA46-350P S#4636043, Lycoming TIO-540-AE2A L-11191-61A, Hobbs 3057.8

Inspected engine as required by FAR 91.409(a)(1) per manufactures checklist meeting requirements of FAR 43.15(c)(1) and FAR 43 appendix D. Compressions are as follows, #1/74, #2/74, #3/71, #4/74, #5/76, #6/77. Spark plugs cleaned gaped and rotated.

CW AD 2011-26-04 Fuel injector line, by inspection, next **due at un-cowling**
 CW AD 2011-06-10 TIT probe calibration, **Due at 3138.8 hours to 100 hrs**

All work done IAW Piper PA46-350P and Lycoming maintaince documents. Completed post inspection operational check per FAR43.15(c)(2). This engine was inspected accordance with an annual inspection and has been determined to be in an airworthy condition at this time.

Rueben A Walkup
 Rueben A Walkup A&P 3368961 IA

			1/3/17	Engine II 429.9	note
			ELITE AIR SERVICE PH: 517 278-6516 143 E CHICAGO RD COLDWATER MI 49036 FAX 517 279-2363		
<p>02/25/2017 N92717, 1996 PA-46-350P S/N: 4636043 Lycoming TIO-540-AE2A Hobbs: 3076.1</p> <p>Performed oil change; drained oil, removed oil filter and Inspected filter for contaminants no contaminates found at this time; installed new oil filter P/N AA48103-1, and serviced engine with 20W50XC. All work performed using PA-46-350P maintenance documents. Performed run up ops check and leak check; checks satisfactory; no defects noted at this time.</p> <p><i>Walter H Paegel IV</i> Walter H Paegel IV AP3737207</p>					
			ELITE AIR SERVICE PH: 517 278-6516 143 E CHICAGO RD COLDWATER MI 49036 FAX 517 279-2363		
<p>09/06/2017 N92717, 1996 PA-46-350P S/N: 4636043 Lycoming TIO-540-AE2A Hobbs: 3124.7</p> <p>Performed oil change; drained oil, removed oil filter and Inspected filter for contaminants no contaminates found at this time; installed new oil filter P/N AA48103-1, and serviced engine with 20W50XC. All work performed using PA-46-350P maintenance documents. Performed run up ops check and leak check; checks satisfactory; no defects noted at this time.</p> <p><i>Walter H Paegel IV</i> Walter H Paegel IV AP3737207</p>					
				TOTAL - Carry forward to next page	



Elite Air Service 300 Airport Dr. Coldwater MI 49036, (517) 278-6516

March 2nd 2018 N92717 Piper PA46-350P S#4636043, Lycoming TIO-540-AE2A L-11191-61A, Hobbes 3157.0

Inspected engine as required by FAR 91.409(a)(1) per manufactures checklist meeting requirements of FAR 43.15(c)(1) and FAR 43 appendix D. Compressions are as follows, #1/48, #2/78, #3/71, #4/77, #5/78, #6/77. Cleaned fuel injectors and reinstalled Removed and replaced following items; 12 spark plugs with new RHB37E, cylinder #1 with OH unit PN 05K21262 SN PGA7658-5, Left and right turbo chargers with OH units PN 46C19839 SN LJL00039 (L), HKL00246(R) and new exhaust gasket SL77611. Installed new oil filter AA48103-2 and 12 quarts of Phillips XC 20/50 M.

CW AD 2011-26-04 Fuel injector line, by inspection, next due at un-cowling
CW AD 2011-06-10 TiT probe replacement, Due at 3307.0 hours in 150 hrs

All work done IAW Piper PA46-350P and Lycoming maintaince documents. Completed post inspection operational check per FAR43.15(c)(2). This engine was inspected accordance with an annual inspection and has been determined to be in an airworthy condition at this time.

Rueben A Walkup
Rueben A Walkup A&P 3368961 IA



Elite Air Service 300 Airport Dr. Coldwater MI 49036, (517) 278-6516

April 12th 2018 N92717 Piper PA46-350P S#4636043, Lycoming TIO-540-AE2A L-11191-61A, Hobbes/TT 3176.8

Removed Left and right turbo chargers PN 46C19839 SN LJL00039 (L), HKL00246(R) and installed fresh overhauled units XDL0004(L) and TAO108L(R) because of bearing shaft and seal failure. Installed new oil filter AA48103-2 and 12 quarts of Phillips XC 20/50 M. Cleaned left and right turbo oil inlet check valves and flow checked.

CW AD 2011-26-04 Fuel injector line, by inspection, next due at un-cowling

All work done IAW Piper PA46-350P and Lycoming maintaince documents. Completed operational and leak check. Both good at this time.

Rueben A Walkup
Rueben A Walkup A&P 3368961 IA



Elite Air Service 300 Airport Dr. Coldwater MI 49036, (517) 278-6516

June 11th 2018, N92717 Piper PA46-350P S#4636043, Lycoming TIO-540-AE2A L-11191-61A, Hobbes/TT 3182.7

Removed pressure relief valve LW14445-9007 and replaced with OH unit S# ZGR0194. Removed absolute pressure controller 48E21297 and replaced with OH unit S# ZJN09637. Removed and replaced prop heat boot on #4 blade with new 4E3278-4 S# GP27. Removed and replaced static wick on Elevator with new 456-094. Removed both alternators ALU 8439 S# 09060193 and ALU 8521 S# A156871 and sent to T&W for overhaul and reinstalled. Waste gate 470954-9007 S# CD02437 removed and sent out for overhaul then installed upon return.

CW AD 2011-26-04 Fuel injector line, by inspection, next due at un-cowling

All work done IAW Piper PA46-350P and Lycoming maintenance documents. Completed operational and leak check. Both good at this time.

Rueben A Walkup
Rueben A Walkup A&P 3368961 IA

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AIRFRAME

SERVICEABLE

(COMPONENTS)

Cyl Valve Assy

LYC

COMPONENT NAME

MFG. NAME

TIO-540

PGA9133

MODEL or TYPE

SERIAL NO.

REPAIRED CHAULED TESTED INSPECTED

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

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

OWNER: Elite Air Service

WORK ORDER No. 9133 DATE 03/22/18


SIGNED FOR:

POPLAR GROVE AIRMOTIVE, INC.

11619 U. S. ROUTE 76
POPLAR GROVE, IL 61065

FAA Approved Repair Station #YYBR664L



April 5, 2019 PA-46-350P N92717 serial# 4636043, HOBBS: 3224.9 TTAF: 3224.9

Lycoming TIO-540-AE2A SERIAL # I-11191-61a smoh: 597.5

Performed annual/100hr inspection per FAR 43 appendix "D" check list. Compression test #1-75/80, #2-72/80, #3-62/80, #4-68/80, #5-65/80, #6-76/80 hot oil and filter changed at hobbs 3221.5 filter clean. All spark plus cleaned and gapped tested.. ,All injectors cleaned and tested resealed new hoses installed p/n 07-010, 07607. Crank seal p/n LW-15628. Replaced . Both Alternators and compressor new mounting bolts. Installed, new KH ALT belt 37A19773-382 and new compressor belt 37B19774-460. New oil breather hose p/n HTSEC90-100 installed. AD 10-13-07 checked riveted ones installed all others inspected and re-torqued. AD 11-06-10 due @ hobbs: 3407.0 Timing Checked at 20 degrees BTDC cleaned engine mouse milked waste gate post inspection run up no discrepancies. I certify that this powerplant has been inspected IAW a 100hr/ANNUAL inspection and was determined to be in an airworthy condition

Joel E. Newton *Joel E. Newton*

574306216IA



11/14/19 N 92717 PA-46-350P LYCOMING TIO-540-AE2A serial# L-11191-61A HOBBS: 3255.0

#4 cylinder removed and replaced with overhauled Lycoming cylinder ser# PGA9133 by Poplar Grove WO # 9133 cylinder break-in instructions provided to operator. Oil changed 12 qts Phillips XC (AD) 20W50 used per Lycoming Service Instructions 1014M. Lycoming Overhaul Manual p/n 60294-7 used as reference. New turbo gaskets installed. Operation leak check no discrepancies.

Joel E. Newton 57406216 A&P *Joel E. Newton*



01/22/2020 N92717 PA-46-350P LYCOMING TIO-540-AE2A HOBBS: 3261.2

Number four cylinder running rough and cooler. Compression check #4 cylinder, static 72/80 and Dynamic 20 /80 no crank case pressure, found satisfactory. Replaced both upper and lower spark plugs #4 cylinder with champion RHB37E, gapped .019, thread lubed and torque. Tanis oil pan heater pad removed, cleaned and re-applied with RTV silicone. Cleaned injector on #4 cylinder with Hoppe's, found vent line obstruction, cleaned, reinstalled. Oil and filter changed with 9 qts. Phillips XC 20W50. Filter checked found normal contents. Installed new Tempest AA48103-2 oil filter. Leak checked & test run up, satisfactory. All CHT readings +/- 10 degree's, smooth operation. Reference PIPER PA 46-350P Maintenance manual P/N 761-876 dated 02.07/06. And Lycoming overhaul manual P/N 60294-6. Test flight Satisfactory, no discrepancies noted.

Joel E. Newton 574306216A&P *Joel E. Newton*

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9-10-2015	Brought Forward →	Hobbs 200.50 Hrs.		from N103TK
This engine was removed due to Prop Strike				

9/10/2015

This engine TIO-540-AE2A S/N L-11191-61A is being installed at this time in PIPER PA46-350P N92717 S/N 4636043 Hobbs 2827.9 hrs. This engine has had a prop Strike tear down inspection and repaired as required (see attached G & N Aircraft details dated 8-26-2015) The oil pan was replaced due to damage and the data plate which is attached to the Oil pan has been lost. Necessary procedures for replacement are in process with the FAA and Lycoming. The engine was installed I/A/W FAA and factory requirement using all AN hardware.

1 (con't on next page)

and Remarks	Signature	Certificate No.
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Original accessories were removed from the original Engine and reinstalled on this engine except the mags Which were replaced with fresh overhauled S/N 15030330 And 15060749. See original eng log S/N 10502-61A for Details regarding the other accessories. The 4-blade prop Was removed from the original engine and installed And safetted on this engine.
This engine has been run-up and checked for leaks (none at this time) all functions normal and is ready for test flight After the new data plate is installed.

END

Maurice Hovious IA 1498485
Maurice Hovious

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