

ENGINE MAINTENANCE RECORDS

Aircraft Registration No. N52937

Engine Manufacturer LYCOMING

Model 0-540-A105

Serial No. L-4566-40

Date installed on aircraft

Time Between Overhauls (TBO) Hours

If used on multi-engine aircraft:

Rear



Front

AEROTECH PUBLICATIONS INC.

www.adlog.com PO BOX 1359 / SOUTHOLD, NY 11971-0965 (631) 765-9375 1-800-235-6444

FAX: (631) 765-9359

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Page	3 IV	O.	

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



Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114

N5293Y A/C TOTAL TIME: 7492.4 27-Feb-16 TACH TIME: 440.1 LH ENG TTIS: 6076.0 RH ENG TTIS: 7346.3 LH ENG TSMOH: 399.3 RH ENG TSMOH: 1867.4 LH PROP TTIS: 4101.7 RH PROP TTIS: 4101.7 LH PROP TSMOH: N/A RH PROP TSMOH: N/A Heater Hobbs: 924.4

I certify that this LH ENGINE; O-520-A1D5, S/NL-4566-40 has been inspected in accordance with a Annual Inspection per 14CFR43, Appendix D, where applicable, and was found to be in circumthy according to the control of the control o

where applicable, and was found to be in airworthy condition at the time of inspection.

Compressions:1) 75/80 2) 71/80 3) 69/80 4) 75/80 5) 73/80 6) 70/80. Drained oil, removed, cut & inspected old oil filter, no defects noted. Removed, inspected & cleaned oil finger screen, no defects noted. Installed torqued & safety wired new oil filter P/N AA48110-2. Re-installed oil finger screen with new gasket P/N AN900-16 and safety wired. Removed, cleaned, adjusted, inspected and tested all spark plugs. Re-installed and torqued all spark plugs, installed and tightened ignition leads. Removed and replaced 3 spark plugs P/N: REM-40E, Serviced engine w/ 12 qts Aeroshell 15W50 Oil. C/W AD 72-14-05 (Engine Exhaust system stacks) by visual inspection, no defects noted NEXT DUE @ 540.1. Post maintenance run-up, operational and leak checks satisfactory.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service.

All ADs have been checked through

B/W 2016-05

LYCOMING

Signatui	re: Stephen D	. Zimmer	Styl D	<u></u>	Certificate # A&P104727437IA.	A Testion Company	
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME		ESCRIPTION C			NG WORK
				TOTALS brought for	ward from prev	ious page		
			3	Hangar 23, Tulsa Ir	pilots Central, In. North 74th East Avenue Iternational Airport - Tuls -5418 - Fax (518)832-0° AA CRS CM2R747K Logbook Entry	a. OK 74110		
	***************************************		1585	merica Flight Center Aviation Center Parkway 602 ona Beach, Ft. 32114	Work Order: Acct Number:	MA16-05062 (386)252-3600	Opened: 1/21 Closed: 1/26	2016
			General Commen	S:				
			LH tach time 408 Aircraft Number:	.9 hrs. RH 4155.2 hrs. N5293Y	Type:PIPER PA23-25			
			Tota Discrepancy: 1	I Time: Hobbs Tir		ı Time:	LG Cycles:	
			Jan. 22nd. Pilot	said the ailerons are very sliff, I servo was engaged causing the s	till ailterons. The is a med	hanical maual system	. No labor charge.	Management of the second secon
			Discrepancy: 2 Problem: Jan. 25th. Pilot s	sys both engines died when the thro	Affes were retarted to idle.			
			engine runs rou	on Jan, 25th. The teft engine ides is ghibetween 900 thru 1300 rpm. The rpm. At 700 rpm the there is no mi off. The right engine runs smooth xture is positioned to cut off. At ide	sture rise. The engine will	not shut down when t	s a normal 40 rpm	
			carburetor. Discrepancy: 3	e left engine carburetor will adjust,				
			Action Taken: Exchanged left I	e left engine carburetor will adjust. and carburetor p/n: 10-4404, s/n: N Induction filter due to induction fire was totally wore out.	S 560003. Installed overh Ground ran set idle and ic	auled carburetor p/n: 1 He mixtures on both er	0-4404-1, s/n: AO-38 agines. Cowling on th Unit Price	eExtended
	····		Part Number	Description Carburetor	Credit	Quantity Units	Unit Price	CXICIOCA
			10-4404	Carbdietol S/N: AO-38-5117 Filter		1.00 Each	s	
			Discrepancy: 4 Problem: Right hand nos			without y year to the Children of the Children		
			Discrepancy: 5					
			Discrepancy: 5 Problem: Jan 22, 2016 F	i air on right hand engine nose bowl. Filot caught left engine on fire.	ı left engine. No damage v	vas seen.		
			Discrepancy: 5 Problem: Jan 22, 2016 Action Taker Uncowled side Miscellaneous	iair on right hand engine nose bowl. Filot caught left engine on fire. E cowl and looked for fire damage to	i left engine. No damage v i	ras seen.	Misc Supplies: \$	
			Discrepancy: 5 Problem: Jan 22, 2016 F Action Taker Uncowled side	air on right hand engine nose bowl. Filet caught left engine on fire. Second and looked for fire damage to Charges:	left engine. No damage v i VVort. Order: M/\16-05952	ras seen.	Misc Supplies: \$	2 2
			Temporary rep Discrepancy: 5 Problem: Jan 22, 2016 Action Taker Uncowled side Miscellaneous Totals:	air on right hand engine nose bowl. Filet caught left engine on fire. Second and looked for fire damage to Charges:		vas seen.		2
			Temporary rep Discrepancy: 5 Problem: Jan 22, 2016 Action Taker Uncowled side Miscellaneous Totals:	air on right hand engine nose bowl. Filet caught left engine on fire. Second and looked for fire damage to Charges:		ras seen.		2

SubTotal: Charges:

The articles and/or work hereon described is/are certified airworthy, (unless otherwise specified)
Authorized Signature

The articles and/or work hereon described is/are certified airworthy. (unless otherwise specified)

Authorized Signature

The articles and/or work hereon described is/are certified airworthy. (unless otherwise specified)

Authorized Signature

The articles and/or work hereon described is/are certified airworthy. (unless otherwise specified)

Authorized Signature

The articles and/or work hereon described is/are certified airworthy. (unless otherwise specified)

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DI SIGNATURE	TACH OR RECORDING METER TIME	TOTAL TIME SINCE OVERHAUL	TOTAL TIME IN SERVICE	DATE
TOTALS brought forw				

MAKE: Piper MODEL: PA-23-250 S/N: 27-2358 REG. NO: N5293Y WORK ORDER: 15-2181

Axcess Aviation Maintenance Services

3028 Peacekeeper Way McClellan, CA 95652 Phone: 916-333-5984

Airframe Entries

Removed & replaced LH Engine lower cowl with repaired cowl as required. P/N Off/On:	16483-0
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THE AIRCRAFT AND/OR COMPONENT(S) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED USING 1 ACCORDANCE WITH CURRENT RULES OF THE FEDERAL AVIATION REGULATIONS. THIS AIRFRAME A AIRWORTHY FOR RETURN TO SERVICE.

DATE: 11/6/2015	SIGNED: The state of the state	Serial Number
	Britt Sorber, A&P: 3708623	A/C Model
		A/C Tail Numb
		A/C Serial Nun
		Remov O/H Bench/
		Life limited Par
		TSN
		TSO
		Technician's S in accordance
		Technician (Si
		AA-SERV S
		A/C TT:
		A/C Cycles:

Axcess Aviation Maintenance Services

SERVICEABLE

Part Name LH Lower CowlA	554
Part Number 16483-08	
Serial NumberA	
A/C Model <u>PA - 23 - 250</u>	
A/C Tail Number	
A/C Serial Number	
Removed/Serviceable O/H Repaired New Bench/Function Check	
Life limited Parts Status	
TSN CSN	
TSO CSO	
Work Order # 78206 Date -6 Technician (Signature)	194 2006
A/C TT:	
A/C Cycles:	
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	dispersion of the control of the con

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TOTAL

TACH OR



Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114

N5293Y A/C TOTAL TIME: 25-Apr-15 TACH TIME: 139 LH ENG TTIS: 5775.0 RH ENG TTIS: 7045. LH ENG TSMOH: 98.3 RH ENG TSMOH 1566. LH PROP TTIS: 3800.7 RH PROP TTIS: 3800 LH PROP TSMOH: N/A RH PROP TSMOH:

Heater Hobbs:

873.8

924.4

certify that this LH ENGINE; O-520-A1D5, S/N L-4566-40 has been inspected in accordance with a 100hr inspection per 14CFR43, Appendix D,

where applicable, and was found to be in airworthy condition at the time of inspection. Compressions: און נישושט בן נישושט בן נישושט און נישושט Removed, inspected & cleaned oil finger screen, no defects noted. Installed torqued & safety wired new oil filter P/N CH48110-1. Re-installed oil finger screen with new gasket P/N AN900-16 and safety wired.Replaced #5 cover gasket P/N: 05-11181 and missing cover screw P/N: 08-03697. Tightened oil filler tube and replaced safety wire. Repaired crack in exhaust shroud. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Retimed LH mag to the engine. C/W AD 72-14-05 (Engine Exhaust system stacks) by visual inspection, no defects noted. Post maintenance run-up, operational and leak checks satisfactory.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service. All ADs have been checked through B/W 2015-08.

Signature: Minh Nguyen

_Certificate # A&P3770190.



Heater Hobbs:



Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114

N5293Y A/C TOTAL TIME: 7293.2 30-Jun-15 TACH TIME: 240.9 LH ENG TTIS: 5876.8 RH ENG TTIS: 7147. LH ENG TSMOH-RH ENG TSMOH: 1668.2 LH PROP TTIS: 3902.5 RH PROP TTIS: 3902. LH PROP TSMOH: N/A RH PROP TSMOH: NII

I certify that thisLH ENGINE; O-520-A1D5, S/NL-4566-40 has been

inspected in accordance with a 100hr inspection per 14CFR43, Appendix D,

where applicable, and was found to be in airworthy condition at the time of inspection.

Compressions:1) 77/80 2) 78/80 3) 76/80 4) 76/80 5) 78/80 6) 78/80. Drained oil, removed, cut & inspected old oil filter, no defects noted. Removed, inspected & cleaned oil finger screen, no defects noted. Installed torqued & safety wired new oil filter P/N AA48110-2. Re-installed oil finger screen with new gasket P/N AN900-16 and safety wired. Replaced #4 cover gasket P/N: 05-11181. Tightened LH tach. cable. Tightened #4 oil return rubber hose. Adjusted #6 intake rubber tube position. Re-timed RH magneto to engine. Removed, cleaned, adjusted, inspected and tested all spark plugs. Re-installed and torqued all spark plugs. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. C/W AD 72-14-05 (Engine Exhaust system stacks) by visual inspection, no defects noted. Post maintenance run-up, operational and leak checks satisfactory.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service.

All ADs have been checked through

B/W 2015-12.

Certificate # A&P 3770190.

Signature: Minh Nguyen

Daytona Beach, FL 32114

N5293Y Trans Am Aviation Services, Inc.

UC TOTAL TIME 30-Oct-15 336 7243 1764 H PROP TTIS.

certify that thisLH ENGINE; O-520-A1D5, S/NL-4566-40 has been inspected in accordance with a 100hr inspection per 14CFR43, Appendix D. here applicable, and was found to be in airworthy condition at the time of inspection

Compressions:1) 74/80 2) 75/80 3) 76/80 4) 74/80 5) 75/80 6) 76/80. Drained oil, removed, cut & inspected old oil filter, no defects noted. Removed, inspected & cleaned oil finger screen, no defects noted. Installed forqued & safety wired new oil filter P/N CH48110-1. Re-installed oil finger screen with new gasket P/N AN900-16 and safety wired. Replaced #6 & #5 cover gasket of n 8179. Replaced #1 oil adapter ps/n S1D-1821. Tightened all return oil couplings & #5 rocker screws R&R RH mag & mag exhaust shroud back to muffler. Removed, cleaned, adjusted, inspected and tested all spark plugs. Revisalled and torqued all spark plugs. Serviced engine w/1 2 qts. Aeroshell 15WSO Oil. C/W AD 72-14-05. (Engine EArbaust system stacks) by visual inspection, no defects noted. Post maintenance run-up. operational and leak checks satisfactory. cts noted. Post maintenance run-up, operational and leak checks satisfactor

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in

eference to current regulations of the Federal Aviation Administration and is approved for return to service. All ADs have been checked through B/W 2015-21

1585 Aviation Center Parkway, Suite 604

ignature: Terrance Dailey

Certificate # A&P 3796536

LYCOMING



DATE

Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114

N5293Y A/C TOTAL TIME: 5576.7 31-Jul-12 TACH TIME: 5576.2 LH ENG TTIS: 5576.7 RH ENG TTIS: 5576.7 LH ENG TSMOH 2383.0 RH ENG TSMOH: 2458.5 LH PROP TTIS: 2186.0 RH PROP TTIS: 2186.0 LH PROP TSMOH: N/A RH PROP TSMOH NIA Heater Hobbs: 195.9

I certify that this RH ENGINE; O-540-A1D5, S/N L-4566-40 has been inspected in accordance with a 100hr inspection per 14CFR43, Appendix D, where applicable, and was found to be in airworthy condition at the time of inspection

Compressions: 1) 70/80 2) 70/80 3) 70/80 4) 70/80 5) 70/80 6) 70/80. Drained oil, removed, cut & inspected old oil filter, no defects noted. Removed, inspected & cleaned oil finger screen, no defects noted. Installed torqued & safety wired new oil filter P/N CH48110. Re-installed oil finger screen with new gasket and safety wired. Serviced engine w/ 12 qts Aeroshell 15W50Oil. Torqued all rocker box drain line coupling clamps. Torqued all rocker box cover hardware. Removed, cleaned, adjusted, inspected and tested all spark plugs. Re-installed and torqued all spark plugs. Propeller governer fine pitch adjustment made to obtain proper max static RPM. Adjusted idle mixture and speed. Post maintenance run-up, operational and leak checks satisfactory.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service All ADs have been checked through B/W 2012-15

Signature: Nathan A Rich ______Cei

LYCOMING

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Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 1000 Daytona Beach, FL 32114

N5293Y A/C TOTAL TIME: 7093.1 1-Mar-15 TACH TIME: 40.8 LH ENG TTIS: 5676.7 RH ENG TTIS: 6947.0 LH ENG TSMOH: 0.0 RH ENG TSMOH: 1468.1 LH PROP TTIS: 3702.4 RH PROP TTIS: 3702.4 LH PROP TSMOH: N/A RH PROP TSMOH: N/A **Heater Hobbs:** 7093.

I certify that this LH ENGINE; O-540-A1D5, S/N L-4566-40 has been inspected in accordance with an Annual inspection per 14CFR43, Appendix D, where applicable, and was found to be in airworthy condition at the time of inspection.

Disassembled engine for major overhaul Crankshaft, rods, and all internal steel sent to Aircraft Specialties and Services for inspection and yellow tag. Crankshaft replaced with overhauled crankshaft P/N 75038 S/N 54552. Crankcases and Accessory case sent to Crankcase Services Inc. for overhaul and yellow tag. Crank sizes Mains M003 and Rods M003. Camshaft overhauled by Aircraft Specialties and Services, Inc. Installed 6 new Lycoming Cylinders P/N 05K21102. Installed the following new parts:

- SL13884A M03 Bearing x 2
- SL11020 M03 Bearing half x 6
- -SL13521A M03 Connecting Rod Bearing x 12
- SL71569-1 Gasket Set
- SL69603 Intake Hose x 6
- SL-STD-1821 Oil Return Hose x 6
- SL-STD-2209 Crank gear bolt kit.
- SL74644 Rod Bolt x 12
- SL12186 Rod Nut x 12
- UREM40E Spark Plug x 12
- SL18109A-S Oil Pump Impeller Kit
- SL78258 Oil Pump Housing
- LW13790 Rocker Shaft X 6
- SL12892 Thrust Button x 12
- SL1028-B Ball
- SL61084 Spring
- 67542 Bearing x 2
- SL12136 Magneto Cushion x 4
- STD-1737 Internal Locking Ring
- STD- 737 Woodruff Key

Reassembled engine using above mentioned new parts I/A/W latest Lycoming Direct Drive Overhaul manual. Installed engine on RH Side Piper PA-23-250 N5293Y S/N: 27-2358 using new Lord Mounts P/N J3804-20. Installed new oil filter P/N AA48110-2. Serviced engine with 12 qts. Aeroshell 100 SAE 50 Mineral Oil. Test ran engine on the ground and performed break in run with no defects noted. Aircraft test flown through all phases of operation with no defects noted. All temperatures and pressures within manufacturer's specifications. C/W AD# 04-10-14 C1 with new bolt and locking clip.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service. All ADs have been checked through **B/W 2015-08**.

Signature: Stephen D. Zimmer <u>Styll D.</u>

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_Certificate # A&P104727437.



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DATE



Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114

N5293Y A/C TOTAL TIME: 5282.3 9-Feb-12 TACH TIME: 5282.3 LH ENG TTIS: 5282.3 RH ENG TTIS: 5282.3 LH ENG TSMOH: 2088.6 RH ENG TSMOH: 2164.1 LH PROP TTIS: 1891.6 RH PROP TTIS: 1891.6 LH PROP TSMOH: N/A RH PROP TSMOH: NIA

I certify that this **RH ENGINE**; O-540-A1D5, S/N L-4566-40 has been inspected in accordance with a **100 Hour** inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.

Heater Hobbs: 73.3

Compressions: 1) 70/80 2) 72/80 3) 79/80 4) 79/80, 5) 70/80, 6) 76/80. Cut & inspected old oil filter. Inspected, cleaned & reinstalled inspected oil suction screen w/ no defects noted. Installed new oil filter P/N AA48110-2. Serviced engine w/ 12 qts Aeroshell 15W50. Replaced airbox P/N 16463-09 S/N 29089. Replaced exhaust shroud. Repleced #4 rocker cover gasket P/N 08-01187. Replaced #3 egt probe P/N 2870. Replaced air filter P/N BA-3. Performed post maintenance engine run-up w/ no leaks or defects noted. Operational check ok.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service. All ADs have been checked through 2/9/2012

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Alfrod I Hookar

______Certificate # A&P 3246608 IA

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Air America Flight Center, LLC 1585 Aviation Center Parkway, Suite 602 Daytona Beach, FL 32114

N5293Y A/C TOTAL TIME: 5373.6 5-Apr-12 TACH TIME: 5373.6 LH ENG TTIS: 5373.6 RH ENG TTIS: 5373.6 LH ENG TSMOH: 2179.9 RH ENG TSMOH: 2255.4 LH PROP TTIS: 1982.9 RH PROP TTIS: 1982.9 LH PROP TSMOH: N/A RH PROP TSMOH: NIA Heater Hobbs: 106.

I certify that this RH ENGINE; O-540-A1D5, S/N L-4566-40 has been inspected in accordance with a 100 Hour inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.

Compressions: 1) 72/80 2) 70/80 3) 74/80 4) 72/80 5) 74/80 6) 68/80. Cut & inspected old oil filter, w/ no defects noted. Inspected & cleaned oil finger screen w/ no defects noted. Installed new oil filter P/N AA48110-2. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Performed post maintenance engine run-up for leak check, no leaks or defects noted. Operational check good. Repalced LH and RH mag harness, PN's M2878 and M2877.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service.

All ADs have been checked through 4/5/2012

Signature: Brandon C York

___Certificate # A&P 3256819

LYCOMING



Trans Am Aviation Services, Inc. 85 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114

N5293Y A/C TOTAL TIME: 1-Jun-12 TACH TIME: 5478. LH ENG TTIS: 5478.9 RH ENG TTIS: 5478 LH ENG TSMOH: RH ENG TSMOH: 2360 LH PROP TTIS: 2088.2 RH PROP TTIS: 2088. LH PROP TSMOH: RH PROP TSMOH:

I certify that this RH ENGINE; O-540-A1D5, S/N L-4566-40 has been inspected in accordance with a Annual inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.

Compressions. 1) 72/80 2) 65/80 3) 70/80 4) 75/80, 5) 69/80, 6) 71/80. Cut & inspected old oil filter, inspected, cleaned & reinstalled inspected oil suction screen w/ no defects noted. Installed new oil filter P/N AA48110-2. Serviced engine w/ 12 qts Aeroshell 15W50. Replaced air filter P/N BA-3. Replaced cylinders #1, 2, 5, and 6 rocker cover gaskets P/N 08-01187. Replaced cylinders #1 and 3 intake gaskets P/N 71973. Replaced cylinders #1, 2, 3, 4, 5, rocker arm pins defects noted. Operational check ok.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service All ADs have been checked through 6/1/2012

Alfred L. Hooker

_Certificate # A&P 3246608 IA

LYCOMING

4995.5

4995.5

4995.5

1877.3

1604.8

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5087.8

5087.8

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NIA

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N/A

defects noted. Installed new oil filter P/N AA48110-2. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Performed post maintenance engine run-up for leak check,

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service. All ADs have been checked through bj-weekly 2811,18.

Signature: Brandon C York-

Gertificate # A&P 3256819

LYCOMING



Air America Flight Center, LLC 1585 Aviation Center Parkway, Suite 602 Daytona Beach, FL 32114

certify that this RH ENGINE; O-540-A1D5, S/N L-4566-40 has been inspected in accordance with a ANNUAL inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.

N5293Y		A/C TOTAL TIME:	5185.7
1-Dec-11		TACH TIME:	5185.7
LH ENG TTIS:	5185.7	RH ENG TTIS:	5185.7
LH ENG TSMOH:	1992.0	RH ENG TSMOH:	2067.5
LH PROP TTIS:		RH PROP TTIS:	1795.0
LH PROP TSMOH:		RH PROP TSMOH:	N/A
		Heater Hobbs:	0.0

Compressions: 1) 72/80 2) 74/80 3) 79/80 4) 78/80 5) 74/80 6) 74/80. Cut & inspected old oil filter, w/ no defects noted. Inspected & cleaned oil finger screen w/ no defects noted. Installed new oil filter P/N AA48110-2. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Performed post maintenance engine run-up for leak check. no leaks or defects noted. Operational check good. Replaced crankseal PN SL13792. Repalced #5 and #6 Intake rubber tube and gasket, PN 69603 and 71973

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service. All ADs have been checked through bi-weekly 2011-23

Signature: Brandon C York

LYCOMING

Certificate # A&P 32568194A

I certify that this **RH ENGINE**; O-540-A1D5, S/N L-4566-40 has been inspected in accordance with an **Annual** inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.

Compressions: 1) 74/80 2) 73/80 3) 75/80 4) 76/80, 5) 72/80, 6) 76/80. Cut & inspected old oil filter. Inspected, cleaned & reinstalled inspected oil suction screen w/ no defects noted. Installed new oil filter P/N AA48110-2. Serviced engine w/ 12 qts Aeroshell 15W50. Performed post maintenance engine run-up w/ no leaks or defects noted. Operational check ok

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service All ADs have been checked through bi-weekly 2010-25.

LYCOMING

Heater Hobbs:

Danny H.A. Doebar

Ly HXL

_Certificate # A&P 2705975 IA

kbpl



Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114
 N5293Y
 A/C TOTAL TIME:
 4898.1

 1-Apr-11
 TACH TIME:
 4899.1

 LH ENG TTIS:
 4898.1
 RH ENG TTIS:
 4898.1

 LH ENG TSMOH:
 1704.4
 RH ENG TSMOH:
 1779.9

 LH PROP TTIS:
 1507.4
 RH PROP TTIS:
 1507.4

 LH PROP TSMOH:
 N/A
 RH PROP TSMOH:
 N/A

 Heater Hobbs:
 222.7

I certify that this RH ENGINE; O-540-A1D5, S/N L-4566-40 has been inspected in accordance with a **100 Hour** inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.

Compressions; 1) 75/80 2) 71/80 3) 75/80 4) 74/80, 5) 75/80, 6) 78/80. Cut & inspected old oil filter, Inspected, cleaned & reinstalled inspected oil suction screen w/ no defects noted. Installed new oil filter P/N AA48110-2. Serviced engine w/ 12 qts Aeroshell 15W50. Performed post maintenance engine irun-up w/ no leaks or defects noted. Operational check ok.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service All ADs have been checked through bi-weekly 2011-06.

Danny H.A. Doebar Any HAII Certificate # A&P 2705975 IA

LYCOMING

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE	Date: 02-05-2009	NG WORK
	SERVICE	OVERHAUL		NG WORK

			CHANGED OIL AND FILTER ADDED 12 QTS AEROSHELL 50 AD. REPLACED AIRFILTER P/N BA-3. REPLACED HYD FILTER D/N ANGOST 11	
			BA-3. REPLACED HYD FILTER P/N AN6235-1A.	
			PERFORMED LKD ALL CYLS 75/80 OR BETTER. CLEANED , REGAPPED , AND TESTED ALL SPARK PLUGS RUMUR CY OF	
			SPARK PLUGS. RUN UP CK OK.	
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			RICHARD LEMKE IA 117481946 AP	
AD 200	КМЕD. 8-19-05 ECI С	YLINDER AS	HECKED ADS C/W THROUGH THIS DATE. GROUND RUN NORMAL FOR WORK SEMBLIES N/A NOT INSTALLED.	
AD 200 I CERT FOUNI	RMED. 8-19-05 ECI C VIFY THIS EN DAIRWORTH	GINE HAS BAY FOR RETU	SEMBLIES N/A NOT INSTALLED. EEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS I IRN TO SERVICE.—————————END——————————————————————————	BEEN —
AD 200 I CERT FOUND	RMED. 18-19-05 ECI C TIFY THIS EN DAIRWORTH	GINE HAS BAY FOR RETU	SEMBLIES N/A NOT INSTALLED. EEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS I IRN TO SERVICE.—————————END——————————————————————————	BEEN
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Stephen D. Zimmer A&P104727437IA
Trans Am Aviation Services, Inc.

TOTALS-Carry forward to next page

(no metal found) and replaced w/ new CH48110 Alexander Cohen AP 52446696 9/18/03 4268.7 886.7 4078.5 09/18/2003 TTIS: 4268.7 TSMO: 886.7 R. Tach: 4078.5					
3/24/-3 42/2.4 83 9.4 4032.2 Drained oil & refilled w/9 qts. Philips 20/50 XC. Removed filter, cut oper (no metal found) and replaced w/ new CH48110 Alexander Cohen AP 52446696 9/18/03 43.68.7 886.7 40785 Og/18/2003 TTIS: 4268.7 TSMO: 886.7 R. Tach: 4078.5 Drained oil & refilled w/9 qts. Philips 20/50 XC. Removed filter, cut oper (no metal found) and replaced w/ new CH48110 Alexander Cohen AP 52446696 3//6/04 / 36/.9 999.9 ///8 g3/16/2004 Right engine Tach: 4118.1 TTIS:4381.9 SMOH:999.9 Drained oil & refilled W/11 qts. Phillips 20/50. Removed filter & cut open. No 1 found. Replaced w/n new GH48110 Alexander Cohen AP 52446696 3//6/04 / 36/.9 999.9 ///8 g3/16/2004 Right engine Tach: 4118.1 TTIS:4381.9 SMOH:999.9 Drained oil & refilled W/11 qts. Phillips 20/50. Removed filter & cut open. No 1 found. Replaced w/n new 48110.1 filter Cleaned, gapped & tested all spark plus Performed leak down test as follows: ### 17/68/08 #77780 #37886 #4 77780 #5 77/80 #6 76/80. Leerify that this engine has been inspected in accordance with an annual inspect was determined to be in an airworthy condition. Charles Terry AP 131286324 IA ### 17/68/08 #77780 #3786 #3780 #5 77/80 #4 77/80 #5 77/80 #4 77/80 #5 77/80 #4 77/80 #4 77/80 #4 77/80 #4 77/80 #4 77/80 #4 77/80 #5 77/80 #4 7	DATE	TIME	TIME SINCE	RECORDING METER	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Drained oil & refilled w/9 qs. Philips 20/50 XC. Removed filter, cut open (no metal found) and replaced w/ new CH48110 Alexander Cohen AP 52446696 Drained oil & refilled w/9 qs. Philips 20/50 XC. Removed filter, cut open (no metal found) and replaced w/ new CH48110 Alexander Cohen AP 52446696 Drained oil & refilled w/9 qs. Philips 20/50 XC. Removed filter, cut open (no metal found) and replaced w/ new CH48110 Alexander Cohen AP 52446696 Drained oil & refilled w/11 qs. Philips 20/50 XC. Removed filter, cut open (no metal found) and replaced w/ new CH48110 Alexander Cohen AP 52446696 Drained oil & refilled w/11 qs. Philips 20/50 XC. Removed filter, cut open (no metal found) and replaced w/ new CH48110 Found. Replaced with new 48110-1 filter Cleaned, gapped & tested all spark plug Performed leak down test as follows: #1 76/80 #2 71780 #3 78/80 #4 77/80 #5 77/80 #6 76/80. I certify that this engine has been inspected in accordance with an annual inspect was determined to be in an airworthy condition. Charles Terry AP 131286324 IA ### TACH TIME. DRAINED OIL, REMOVED OIL FILTER CUT OPEN AND INSPECTED OK. SER VICED ENGINE WITH 10 QTS. PHILLIPS 20/50 XC OIL. INSTALLED NEW OIL FILTER CH48110-1. CLEANED AND GAPPED SPARK PLUGS. PERFORMED GROUND RUN UP OPS CHECK OK NO LEAKS ### JOHN GREENBERG JOHN GREENBERG A&P 2759591 ### AP 2759591 ### AP 2759591 ### AP 2759591 ### AP 277/80 #3 77/80 #3 77/80 #4 76/80 #7 77/80 #7 7					TOTALS brought forward from previous page
Drained oil & refilled w/ 9 qts. Philips 20/50 XC. Removed filter, cut open (no metal found) and replaced w/new CH48110 Alexander Cohen AP 52446696 Alexander Cohen AP 52446696 Drained oil & refilled W/11 qts. Philips 20/50. Removed filter & cut open. No 1 found. Replaced with new 48110-1 filter Cleaned, gapped & tested all spark plug Performed leak down test as follows: #176/80 #277/80 #3 78/80 #4 77/80 #5 77/80 #6 76/80. Lecrtify that this engine has been inspected in accordance with an annual inspect was determined to be in an airworthy condition. Charles Terry AP 131286324 IA PARAMED OIL, REMOVED OIL FILTER CUT OPEN AND INSPECTED OK. SERVICED ENGINE WITH 10 QTS. PHILLIPS 20/50 XC OIL INSTALLED NEW OIL FILTER CH48110-1. CLEANED AND GAPPED SPARK PLUGS. PERFORMED GROUND RUN UP OPS CHECK OK NO LEAKS JOHN GREENBERG A&P 2759591 March 1, 2005 N5293Y Tach: 4209.1 TT: 4209.1 TMSO: 1090.9 Recording tach for this engine inoperative. Using left side tach for Cleaned, gapped, tested and rotated all spark plugs. Performed leak test as follows: #1 72/80 #2 77/80 #3 77/80 #4 76/80 #5 77/80 #6 I certify that this engine has been inspected in accordance with an airspection and was determined to be in an airworthy condition.	3/24/03	4212.4	830.4	4022.2	Drained oil & refilled w/9 qts. Philips 20/50 XC. Removed filter, cut open
Drained oil & refilled W/11 qts. Phillips 20/50. Removed filter & cut open. No round. Replaced with new 48110-1 filter Cleaned, gapped & tested all spark plug Performed leak down test as follows: #1 76/80 #2 77/80 #3 78/80 #4 77/80 #5 77/80 #6 76/80. Lecrify that this engine has been inspected in accordance with an annual inspect was determined to be in an airworthy condition. Charles Terry AP 131286324 IA 9/1/04 RIGHT ENGINE LOG BOOK ENTRY FOR 5293Y, 4187.5 HR TACH TIME. DRAINED OIL, REMOVED OIL FILTER CUT OPEN AND INSPECTED OK. SERVICED ENGINE WITH 10 QTS. PHILLIPS 20/50 XC OIL INSTALLED NEW OIL FILTER CH48110-1. CLEANED AND GAPPED SPARK PLUGS. PERFORMED GROUND RUN UP OPS CHECK OK NO LEAKS JOHN GREENBERG A&P 2759591 3/1/65 4/209.1 1096.9 March 1. 2005 N5293Y Tach: 4209.1 TT: 4209.1 TMSO: 1090.9 Recording tach for this engine inoperative. Using left side tach for Cleaned, gapped, tested and rotated all spark plugs. Performed leak test as follows: #1 72/80 #2 77/80 #3 77/80 #4 76/80 #5 77/80 #6 I certify that this engine has been inspected in accordance with an an inspection and was determined to be in an airworthy condition.	1/18/03	4268.7	886.7	40785	Drained oil & refilled w/ 9 qts. Philips 20/50 XC. Removed filter, cut open (no metal found) and replaced w/ new CH48110
March 1, 2005 N5293Y Tach: 4209.1 TT: 4209.1 TMSO: 1090.9 Recording tach for this engine inoperative. Using left side tach for Cleaned, gapped, tested and rotated all spark plugs. Performed leak test as follows: #1 72/80 #2 77/80 #3 77/80 #4 76/80 #5 77/80 #6 I certify that this engine has been inspected in accordance with an ainspection and was determined to be in an airworthy condition.	3//6/04	14381,9	9 T D O IN C	Dra four Perr #1 7 I ce was Cha /1/04 R ACH TIM PRAINED PK. SERVI NSTALLE LEANED ERFORMI	IGHT ENGINE LOG BOOK ENTRY FOR 5293Y, 4187.5 HRS. E. OIL,REMOVED OIL FILTER CUT OPEN AND INSPECTED CED ENGINE WITH 10 QTS. PHILLIPS 20/50 XC OIL D NEW OIL FILTER CH48110-1. AND GAPPED SPARK PLUGS. ED GROUND RUN UP OPS CHECK OK NO LEAKS
March 1, 2005 N5293Y Tach: 4209.1 TT: 4209.1 TMSO: 1090.9 Recording tach for this engine inoperative. Using left side tach for Cleaned, gapped, tested and rotated all spark plugs. Performed leak test as follows: #1 72/80 #2 77/80 #3 77/80 #4 76/80 #5 77/80 #6 I certify that this engine has been inspected in accordance with an an inspection and was determined to be in an airworthy condition.				THN GREI	ENBERG A & P. 2750501
	311/65	4209.1	1096.9	Rec Cleatest I ce insp	orch 1, 2005 N5293Y Tach: 4209.1 TT: 4209.1 TMSO: 1090.9 R/s ording tach for this engine inoperative. Using left side tach for hou aned, gapped, tested and rotated all spark plugs. Performed leak do as follows: #1 72/80 #2 77/80 #3 77/80 #4 76/80 #5 77/80 #6 73 rtify that this engine has been inspected in accordance with an annumentation and was determined to be in an airworthy condition.
SUB-TOTALS this page					1

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
-				TOTALS brought forward from previous page
4/17/02	4107.1	725.1	3916.9	04/17/02 R. Tach: 3916.9 TTE: 4107.1 TSMO: 725.1 Drained oil & refilled w/ 8qts Philips X/C 20/50. Removed filter, cut open (no metal found) and replaced w/ new CH48110. Replaced all spark plugs with new REM40E. Removed cleaned and reinstalled all primer nozzles. Performed ground run up, checked for leaks, none found. Operationally checked, satisfactory Alexander Cohen AP 52446696
8/21/02	4160.6	778-6	3 9 70,4	8/21/02 R. Tach: 3970.4 TTE: 4160.6 TSMO: 778.6 Drained oil and refilled with 8 qts Philips X/C 20/50. Removed oil filter, cut open (no metal found) and replaced with new CH48110. Removed all spark plugs, cleaned gaped, tested and rotated. Removed both magnetos replaced both point cams, internally timed magnetos, and timed magnetos to engine. Performed ground run up, operationally checked, ok Alexander Cohen AP 52446696
10/14/02	4168.6	786.6	3978.4	10/14/02 R. Tach: 3978.4 TTE: 4168.6 TSMO: 786.6 C/W AD 2002-20-51 by replacing crankshaft gear retaining bolt I/A/W Lycoming SB #554 dated Sep. 30, 2002 and Lycoming overhaul manual. Performed ground run up, operationally checked, satisfactory. Checked for leaks, none found. Alexander Cohen AP 52446696,
1/8/03	4195.1	813.1	4004,9	1/08/03 TTIS: 4195.1 TSMO: 813.1 Tach: 4004.9 I certify that AD 2002-23-6 was C/W on 10/14/02 by C/W AD 2002-20-51 - using Lycoming gear bolt replacement kit 05K19987 Alexander Cohen AP 52446696
1/8/03	4195.1	813.1	4004.9	- 1/8/03 TTIS: 4195.1 TSMO: 813.1 Tach: 4004.9 Cleaned, gapped, and tested all spark plugs. Performed leak down test as follows: #1 77/80, #2 78/80, #3 78/80, #4 78/80, #5 77/80, #6 77/80. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition. Charles Terry AP 131286324 IA
				SUB-TOTALS this page
				TOTALS—Carry forward to next page