

ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N5293Y

Engine Manufacturer LYCOMING

Model O-540-A1D5

Serial No. L-11096-40

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right ☒ Left
☐ Front ☐ Rear



AEROTECH PUBLICATIONS INC.

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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**27-Feb-16**

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

I certify that this **RH ENGINE**; O-540-A1D5, S/N L-11096-40 has been inspected in accordance with a **Annual Inspection** per 14CFR43, Appendix D, where applicable, and was found to be in airworthy condition at the time of inspection.

Compressions: 1) 76/80 2) 74/80 3) 76/80 4) 77/80 5) 79/80 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 CH48110-1. Re-installed oil finger screen with new gasket and safety wired. Replaced 4 spark plugs P/N: REM40E. Installed baffle material to baffle aluminum (nose bowl). Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all spark plugs. Re-installed and torqued all spark plugs. **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**

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Signature: Stephen D. Zimmer *Stephen D. Zimmer* Certificate # A&P1047274371A.

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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
 Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114	N5293Y 30-Jun-15			A/C TOTAL TIME: 7293.2 TACH TIME: 240.9 RH ENG TTIS: 7147.1 RH ENG TSMOH: 1668.2 RH PROP TTIS: 3902.5 RH PROP TSMOH: N/A Heater Hobbs: 924.4
	LH ENG TTIS: 5876.8 LH ENG TSMOH: 200.1 LH PROP TTIS: 3902.5 LH PROP TSMOH: N/A			
<p>I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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.</p> <p>Compressions: 1) 78/80 2) 77/80 3) 74/80 4) 76/80 5) 79/80 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 CH48110-1. Re-installed oil finger screen with new gasket and safety wired. Replaced 4 spark plugs P/N: REM40E. Removed and replaced LH mag gasket and mag adapter gasket. R&R'd #6 oil return rubber hose. Re-time RH mag to engine. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all spark plugs. Re-installed and torqued all spark plugs. 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.</p> <p>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.</p> <p>All ADs have been checked through B/W 2015-12.</p> <p>Signature: Minh Nguyen  Certificate # A&P 3770190.</p>				

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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
 Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114	N5293Y 30-Oct-15			A/C TOTAL TIME: 7389.2 TACH TIME: 336.9 RH ENG TTIS: 7243.1 RH ENG TSMOH: 1764.2 RH PROP TTIS: 3998.5 RH PROP TSMOH: N/A Heater Hobbs: 925.5
	LH ENG TTIS: 5972.9 LH ENG TSMOH: 296.1 LH PROP TTIS: 3998.5 LH PROP TSMOH: N/A			
<p>I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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.</p> <p>Compressions: 1) 74/80 2) 75/80 3) 75/80 4) 75/80 5) 76/80 6) 76/80. Drained oil, removed, cut & inspected old oil filter, no defects noted. Removed, inspected & cleaned oil finger screen, no defects noted. Installed torqued & safety wired new oil filter P/N CH48110-1. Re-installed oil finger screen with new gasket and safety wired. R&R LH and RH mag/mag adapter gasket p/n LW-12681 & 62224. Re-timed both mags to engine. R&R #1 intake gasket 71973. Cleaned, tightened and safetied dipstick tube to stop leak. Secured shroud back to muffler. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all spark plugs. Re-installed and torqued all spark plugs. 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.</p> <p>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.</p> <p>All ADs have been checked through B/W 2015-21</p> <p>Signature: Terrance Dailey _____ Certificate # A&P 3796536</p>				

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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 1000
Daytona Beach, FL 32114

N5293Y
1-Mar-15

LH ENG TTIS:	5676.7	RH ENG TTIS:	6947.0
LH ENG TSMOH:	0.0	RH ENG TSMOH:	1458.1
LH PROP TTIS:	3702.4	RH PROP TTIS:	3702.4
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
Heater Hobbs:		7093.1	

I certify that this **RH ENGINE**; O-540-A1D5, S/N L-11096-40 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.

Compressions: 1) 76/80 2) 76/80 3) 74/80 4) 78/80 5) 77/80 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 CH48110-1. Re-installed oil finger screen with new gasket and safety wired. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all spark plugs. Re-installed and torqued all spark plugs. Adjusted idle and idle mixture. 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: Stephen D. Zimmer Stephen D. Zimmer Certificate # A&P104727437.

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

N5293Y
25-Apr-15

LH ENG TTIS:	5775.0	RH ENG TTIS:	7045.0
LH ENG TSMOH:	98.3	RH ENG TSMOH:	1556.4
LH PROP TTIS:	3800.7	RH PROP TTIS:	3800.7
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
Heater Hobbs:		873.8	

I certify that this **RH ENGINE**; O-540-A1D5, S/N L-11096-40 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.

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 and safety wired. Replaced 6 spark plugs P/N: REM40E. R&R #1 intake gasket P/N: 71973. Re-time RH mag to engine. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all spark plugs. Re-installed and torqued all spark plugs. Adjusted idle and idle mixture. 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 Minh Nguyen Certificate # A&P3770190.

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

N5293Y
20-Sep-14

LH ENG TTIS:	2579.8	A/C TOTAL TIME:	6894.7
LH ENG TSMOH:	N/A	TACH TIME:	6894.7
LH PROP TTIS:	3504.0	RH ENG TTIS:	6748.6
LH PROP TSMOH:	N/A	RH ENG TSMOH:	1269.7
		RH PROP TTIS:	3504.0
		RH PROP TSMOH:	N/A
		Heater Hobbs:	717.8

I certify that this **RH ENGINE**; O-540-A1D5, S/N L-11096-40 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) 79/80 2) 79/80 3) 79/80 4) 78/80 5) 79/80 6) 79/80. 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 CH48110-1. Re-installed oil finger screen with new gasket and safety wired. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all upper spark plugs. Re-installed and torqued all upper spark plugs. R&R'd three spark plugs p/n REM40E. 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 2014-19.

Signature: Jonathan Craig Russell _____ Certificate # A&P3698788.

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

N5293Y
12-Dec-14

LH ENG TTIS:	2678.2	A/C TOTAL TIME:	6993.1
LH ENG TSMOH:	N/A	TACH TIME:	6993.1
LH PROP TTIS:	3602.4	RH ENG TTIS:	6847.0
LH PROP TSMOH:	N/A	RH ENG TSMOH:	1368.1
		RH PROP TTIS:	3602.4
		RH PROP TSMOH:	N/A
		Heater Hobbs:	617.2

I certify that this **LH ENGINE**; O-540-A1D5, S/N RL-5748-40 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) 75/80 2) 72/80 3) 72/80 4) 69/80 5) 78/80 6) 68/80. 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 CH48110-1. Re-installed oil finger screen with new An900-16 gasket and safety wired. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Replaced intake gasket for #1 & 5 cyl. with 71973 and torqued intake clamps. Replaced #2 cyl. oil return line with new 71737. Torqued rocker box covers. Replaced left mag gasket with new LW12681 and timed mag to engine. 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 2014-25.

Signature: Michael R. Hayman _____ Certificate # A&P3577399.

LYCOMING



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

N5293Y
12-Dec-14

LH ENG TTIS:	2678.2	A/C TOTAL TIME:	6993.1
LH ENG TSMOH:	N/A	TACH TIME:	6993.1
LH PROP TTIS:	3602.4	RH ENG TTIS:	6847.0
LH PROP TSMOH:	N/A	RH ENG TSMOH:	1368.1
		RH PROP TTIS:	3602.4
		RH PROP TSMOH:	N/A
		Heater Hobbs:	617.2

I certify that this **RH ENGINE**; O-540-A1D5, S/N L-11096-40 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) 78/80 2) 77/80 3) 74/80 4) 77/80 5) 80/80 6) 80/80. Drained oil, removed, cut & inspected old oil filter, no defects noted. Removed, inspected & cleaned oil finger screen, no defects noted. Installed with AN900-16 torqued & safety wired. Installed new oil filter P/N CH48110-1, safety. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, gapped, inspected and tested all spark plugs. Re-installed and torqued all spark plugs. Tightened primer line fittings where leaking. Repaired #2 ign. lead end. Replaced #1 & 3 cyl oil return lines with new AEL66759 and AEL66761. Torqued all oil return hose clamps. Replaced number 1 cyl intake gasket with LW12681 and torqued all intake clamps. 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 2014-25.

Signature: Michael R. Hayman _____ Certificate # A&P3577399.

LYCOMING

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

N5293Y

24-Apr-14

A/C TOTAL TIME:	6700.2
TACH TIME:	6700.2
LH ENG TTIS:	2385.3
RH ENG TTIS:	6554.1
LH ENG TSMOH:	N/A
RH ENG TSMOH:	1075.2
LH PROP TTIS:	3309.5
RH PROP TTIS:	3309.5
LH PROP TSMOH:	N/A
RH PROP TSMOH:	N/A
Heater Hobbs:	617.2

I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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) 78/80 2) 76/80 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 CH48110-1. Re-installed oil finger screen with new gasket and safety wired. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all upper spark plugs. Re-installed and torqued all upper spark plugs. R&R'd ten spark plugs p/n REM40E. 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 2014-08.

Signature: Esad Mujic Esad Mujic Certificate # A&P3034119.

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No. _____



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

N5293Y

24-Apr-14

A/C TOTAL TIME:	6700.2
TACH TIME:	6700.2
LH ENG TTIS:	2385.3
RH ENG TTIS:	6554.1
LH ENG TSMOH:	N/A
RH ENG TSMOH:	1075.2
LH PROP TTIS:	3309.5
RH PROP TTIS:	3309.5
LH PROP TSMOH:	N/A
RH PROP TSMOH:	N/A
Heater Hobbs:	617.2

I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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.

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 2014-08.

Signature: Stephen D. Zimmer Stephen D. Zimmer Certificate # A&P1047274371A.

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

N5293Y

24-Jun-14

A/C TOTAL TIME:	6797.1
TACH TIME:	6797.1
LH ENG TTIS:	2482.2
RH ENG TTIS:	6651.0
LH ENG TSMOH:	N/A
RH ENG TSMOH:	1172.1
LH PROP TTIS:	3406.4
RH PROP TTIS:	3406.4
LH PROP TSMOH:	N/A
RH PROP TSMOH:	N/A
Heater Hobbs:	617.2

I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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) 79/80 2) 78/80 3) 79/80 4) 79/80 5) 79/80 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 CH48110-1. Re-installed oil finger screen with new gasket and safety wired. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all upper spark plugs. Re-installed and torqued all upper spark plugs. R&R'd ten spark plugs p/n REM40E. 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 2014-12.

Signature: Jonathan Craig Russell Jonathan Craig Russell Certificate # A&P3698788.

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Lubbock Aero
6304 N. Cedar Ave.
Lubbock, TX 79413

N#: N5293Y Make: Piper Model: PA-23-250
Date: 01-30-2014 S/N: 27-2358 Hobbs: 2526.2

Replaced Lt. magneto on Rt. Engine with new. Timed magneto to engine to 25 degrees BTDC. Secured magneto with new base gasket and cushions. Ran engine ops checked good at this time. Removed: Slick mag, M/N- 6393, S/N- 11070947. Installed: Slick Mag, M/N- 6393, S/N- 12120444

Arnold Hertel A&P 2826822

5293Y		A/C TOTAL TIME: 6497.7	
1-Dec-13		TACH TIME: 6497.7	
ENG TTIS:	2182.8	RH ENG TTIS:	6351.6
ENG TSMOH:	N/A	RH ENG TSMOH:	872.7
PROP TTIS:	3107.0	RH PROP TTIS:	3107.0
PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
		Heater Hobbs:	550.3

inspected old oil filter, no defects noted. Removed, inspected & 1110-1. Re-installed oil finger screen with new gasket and safety id tested all upper spark plugs. Re-installed and torqued all upper

Service.

34119.

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

N5293Y		A/C TOTAL TIME: 6597.9	
22-Feb-14		TACH TIME: 6597.9	
LH ENG TTIS:	2283.0	RH ENG TTIS:	6451.8
LH ENG TSMOH:	N/A	RH ENG TSMOH:	972.9
LH PROP TTIS:	3207.2	RH PROP TTIS:	3207.2
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
		Heater Hobbs:	617.2

I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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) 79/80 2) 78/80 3) 73/80 4) 79/80 5) 79/80 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 CH48110-1. Re-installed oil finger screen with new gasket and safety wire. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all upper spark plugs. Re-installed and torqued all upper spark plugs. 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 AIDs have been checked through E/W 2014-04.

Signature: Jonathan Craig Russell Certificate # A&P3696788

LYCOMING
A Textron Company

AIRCRAFT MAINTENANCE

REG:N5293Y DATE:4/2/14 TACH: 4155.2
RIGHT ENGINE

R&R left magneto Model#6393 SN New: 12120433. Ground run ops checks good.

Aaron Zgurich
AP3408050

Model: PA-23-250 Date: 4/2/14 S/N: 27-2358
Engine: O-540-A1D5 S/N: L-11096-40
Inspected in accordance with 100hr inspection per 14CFR43, Appendix D, and was found to be in airworthy condition at the time of inspection.
Compressions: 1) 79/80 2) 78/80 3) 73/80 4) 79/80 5) 79/80 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 CH48110-1. Re-installed oil finger screen with new gasket and safety wire. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all upper spark plugs. Re-installed and torqued all upper spark plugs. Post maintenance run-up, operational and leak checks satisfactory.

Griffin Aviation Services

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

N5293Y

14-Jul-13

A/C TOTAL TIME: 6209.0

TACH TIME: 6209.0

No.

LH ENG TTIS: 1894.1

RH ENG TTIS: 6062.9

LH ENG TSMOH: N/A

RH ENG TSMOH: 584.0

LH PROP TTIS: 2818.3

RH PROP TTIS: 2818.3

LH PROP TSMOH: N/A

RH PROP TSMOH: N/A

Heater Hobbs: 412.4

I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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.

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 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all upper spark plugs. Re-installed and torqued all upper spark plugs. Removed and replaced all lower spark plugs with new REM40E spark plugs. 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 2013-14**

LYCOMING

Signature: Nathan A Rich Certificate # A&P28273071A



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

N5293Y

5-Oct-13

A/C TOTAL TIME: 6303.9

TACH TIME: 6303.9

LH ENG TTIS: 1989.0

RH ENG TTIS: 6157.8

LH ENG TSMOH: N/A

RH ENG TSMOH: 678.9

LH PROP TTIS: 2913.2

RH PROP TTIS: 2913.2

LH PROP TSMOH: N/A

RH PROP TSMOH: N/A

Heater Hobbs: 426.7

I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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.

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 and safety wired. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all upper spark plugs. Re-installed and torqued all upper spark plugs. Removed and replaced 3 lower spark plugs with new REM40E spark plugs. r&d l/h carb heat shroud. 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 05OCT2013**

LYCOMING

Signature: Donald B. Harting Certificate # A&P3631997



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

N5293Y

27-Oct-13

A/C TOTAL TIME: 6400.3

TACH TIME: 6400.3

LH ENG TTIS: 2085.4

RH ENG TTIS: 6254.2

LH ENG TSMOH: N/A

RH ENG TSMOH: 775.3

LH PROP TTIS: 3009.6

RH PROP TTIS: 3009.6

LH PROP TSMOH: N/A

RH PROP TSMOH: N/A

Heater Hobbs: 486.5

I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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.

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 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all upper spark plugs. Re-installed and torqued all upper spark plugs. Removed and replaced all lower spark plugs with new REM40E spark plugs. 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 **10/28/2013**

LYCOMING

Signature: Donald B. Harting Certificate # A&P3631997

SUB-TOTALS this page

TOTALS—Carry forward to next page



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

N5293Y
21-Mar-13

LH ENG TTIS:	1695.3	RH ENG TTIS:	5854.1
LH ENG TSMOH:	N/A	RH ENG TSMOH:	385.2
LH PROP TTIS:	2619.5	RH PROP TTIS:	2619.5
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
Heater Hobbs:		395.8	

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

Compressions: 1) 76/80 2) 74/80 3) 76/80 4) 76/80, 5) 74/80, 6) 75/80. 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. R&R'd fuel pump p/n 15472. Stop drilled cracks and secured exhaust shroud. Performed post maintenance engine run-up w/ no leaks or defects noted.

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 BW 2013-05

LYCOMING
A Textron Company

Esad Mujic Certificate # A&P 3034119.



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

N5293Y
2-Jun-13

LH ENG TTIS:	1796.0	RH ENG TTIS:	5964.8
LH ENG TSMOH:	N/A	RH ENG TSMOH:	485.9
LH PROP TTIS:	2720.2	RH PROP TTIS:	2720.2
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
Heater Hobbs:		407.8	

I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 has been inspected in accordance with an ANNUAL inspection per 14CFR43, Appendix D, and was found to be in airworthy condition at the time of inspection.

Compressions: 1) 79/80 2) 78/80 3) 79/80 4) 77/80 5) 79/80 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 CH48110. Re-installed oil finger screen with new gasket and safety ad. Serviced engine w/ 12 qts Aeroshell 15W50 Oil. Removed, cleaned, adjusted, inspected and tested all spark plugs. Re-installed and torqued all spark plugs. Removed and replaced engine driven fuel pump with overhauled pump from Aero Accessories, INC P/N LW15472 S/N 02EL04. See FAA form 8130-3 dated 02/22/2013. 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 2013-11

LYCOMING
A Textron Company

Signature: Nathan A Rich Certificate # A&P2827307IA



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

N5293Y
11-Jun-13

LH ENG TTIS:	1802.8	RH ENG TTIS:	5971.6
LH ENG TSMOH:	N/A	RH ENG TSMOH:	492.7
LH PROP TTIS:	2727.0	RH PROP TTIS:	2727.0
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
Heater Hobbs:		407.8	

RH ENGINE; O-540-A1D5, S/N L-11096-40

Removed propeller governor installed propeller governor p/n B-4 s/n 6388FJ. Operational and leak checks satisfactory.


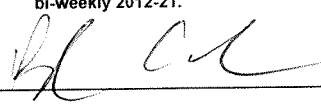
The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service.



Nathan A. Rich Certificate# A&P2827307



LYCOMING
A Textron Company

SUB-TOTALS this page

TOTALS—Carry forward to next page

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																						
 Air America Flight Center, LLC 1585 Aviation Center Parkway, Suite 602 Daytona Beach, FL 32114				N5293Y 3-Nov-12																						
I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 has been inspected in accordance with a 100HR inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.				<table border="1"> <tr> <td>A/C TOTAL TIME:</td> <td>5716.6</td> </tr> <tr> <td>TACH TIME:</td> <td>5716.6</td> </tr> <tr> <td>LH ENG TTIS:</td> <td>1401.7</td> </tr> <tr> <td>LH ENG TSMOH:</td> <td>1401.7</td> </tr> <tr> <td>LH PROP TTIS:</td> <td>2325.9</td> </tr> <tr> <td>LH PROP TSMOH:</td> <td>N/A</td> </tr> <tr> <td>RH ENG TTIS:</td> <td>5670.5</td> </tr> <tr> <td>RH ENG TSMOH:</td> <td>91.5</td> </tr> <tr> <td>RH PROP TTIS:</td> <td>2325.9</td> </tr> <tr> <td>RH PROP TSMOH:</td> <td>N/A</td> </tr> <tr> <td>Heater Hobbs:</td> <td>174.2</td> </tr> </table>	A/C TOTAL TIME:	5716.6	TACH TIME:	5716.6	LH ENG TTIS:	1401.7	LH ENG TSMOH:	1401.7	LH PROP TTIS:	2325.9	LH PROP TSMOH:	N/A	RH ENG TTIS:	5670.5	RH ENG TSMOH:	91.5	RH PROP TTIS:	2325.9	RH PROP TSMOH:	N/A	Heater Hobbs:	174.2
A/C TOTAL TIME:	5716.6																									
TACH TIME:	5716.6																									
LH ENG TTIS:	1401.7																									
LH ENG TSMOH:	1401.7																									
LH PROP TTIS:	2325.9																									
LH PROP TSMOH:	N/A																									
RH ENG TTIS:	5670.5																									
RH ENG TSMOH:	91.5																									
RH PROP TTIS:	2325.9																									
RH PROP TSMOH:	N/A																									
Heater Hobbs:	174.2																									
Compressions: 1) 73/80 2) 73/80 3) 72/80 4) 72/80 5) 72/80 6) 72/80. 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 spark plug, REM40-EE(1).																										
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 2012-21.																										
Signature: Brandon C York 				LYCOMING Certificate # A&P 3256819																						

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																						
 Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114				N5293Y 10-Dec-12																						
I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 has been inspected in accordance with a 100HR inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.				<table border="1"> <tr> <td>A/C TOTAL TIME:</td> <td>5814.2</td> </tr> <tr> <td>TACH TIME:</td> <td>5814.2</td> </tr> <tr> <td>LH ENG TTIS:</td> <td>1499.3</td> </tr> <tr> <td>LH ENG TSMOH:</td> <td>N/A</td> </tr> <tr> <td>LH PROP TTIS:</td> <td>2423.5</td> </tr> <tr> <td>LH PROP TSMOH:</td> <td>N/A</td> </tr> <tr> <td>RH ENG TTIS:</td> <td>5668.1</td> </tr> <tr> <td>RH ENG TSMOH:</td> <td>189.2</td> </tr> <tr> <td>RH PROP TTIS:</td> <td>2423.5</td> </tr> <tr> <td>RH PROP TSMOH:</td> <td>N/A</td> </tr> <tr> <td>Heater Hobbs:</td> <td>174.2</td> </tr> </table>	A/C TOTAL TIME:	5814.2	TACH TIME:	5814.2	LH ENG TTIS:	1499.3	LH ENG TSMOH:	N/A	LH PROP TTIS:	2423.5	LH PROP TSMOH:	N/A	RH ENG TTIS:	5668.1	RH ENG TSMOH:	189.2	RH PROP TTIS:	2423.5	RH PROP TSMOH:	N/A	Heater Hobbs:	174.2
A/C TOTAL TIME:	5814.2																									
TACH TIME:	5814.2																									
LH ENG TTIS:	1499.3																									
LH ENG TSMOH:	N/A																									
LH PROP TTIS:	2423.5																									
LH PROP TSMOH:	N/A																									
RH ENG TTIS:	5668.1																									
RH ENG TSMOH:	189.2																									
RH PROP TTIS:	2423.5																									
RH PROP TSMOH:	N/A																									
Heater Hobbs:	174.2																									
Compressions: 1) 78/80 2) 78/80 3) 78/80 4) 79/80, 5) 78/80, 6) 79/80. 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 3 bad spark plugs P/N REM40E. Replaced oil cooler line P/N 111417-8D0262. Tightened oil return lines on cylinders #2,4 and 6. 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 12/10/2012																										
Alfred L. Hooker 				LYCOMING Certificate # A&P 3246608 IA																						

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																						
 Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114				N5293Y 23-Jan-13																						
I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 has been inspected in accordance with a 100HR inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.				<table border="1"> <tr> <td>A/C TOTAL TIME:</td> <td>5918.4</td> </tr> <tr> <td>TACH TIME:</td> <td>5918.4</td> </tr> <tr> <td>LH ENG TTIS:</td> <td>5918.4</td> </tr> <tr> <td>LH ENG TSMOH:</td> <td>N/A</td> </tr> <tr> <td>LH PROP TTIS:</td> <td>2527.7</td> </tr> <tr> <td>LH PROP TSMOH:</td> <td>N/A</td> </tr> <tr> <td>RH ENG TTIS:</td> <td>5713.3</td> </tr> <tr> <td>RH ENG TSMOH:</td> <td>20.4</td> </tr> <tr> <td>RH PROP TTIS:</td> <td>2527.7</td> </tr> <tr> <td>RH PROP TSMOH:</td> <td>N/A</td> </tr> <tr> <td>Heater Hobbs:</td> <td>274.2</td> </tr> </table>	A/C TOTAL TIME:	5918.4	TACH TIME:	5918.4	LH ENG TTIS:	5918.4	LH ENG TSMOH:	N/A	LH PROP TTIS:	2527.7	LH PROP TSMOH:	N/A	RH ENG TTIS:	5713.3	RH ENG TSMOH:	20.4	RH PROP TTIS:	2527.7	RH PROP TSMOH:	N/A	Heater Hobbs:	274.2
A/C TOTAL TIME:	5918.4																									
TACH TIME:	5918.4																									
LH ENG TTIS:	5918.4																									
LH ENG TSMOH:	N/A																									
LH PROP TTIS:	2527.7																									
LH PROP TSMOH:	N/A																									
RH ENG TTIS:	5713.3																									
RH ENG TSMOH:	20.4																									
RH PROP TTIS:	2527.7																									
RH PROP TSMOH:	N/A																									
Heater Hobbs:	274.2																									
Compressions: 1) 79/80 2) 75/80 3) 79/80 4) 79/80, 5) 78/80, 6) 79/80. 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 2 bad spark plugs P/N REM40E. 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 1/23/2013																										
Alfred L. Hooker 				LYCOMING Certificate # A&P 3246608 IA																						

www.aviall.com

25-3920

FICATION

Article reflected herein was produced under

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
10-Oct-12

LH ENG TTIS:	1310.1	RH ENG TTIS:	5478.9
LH ENG TSMOH:	1310.1	RH ENG TSMOH:	0.0
LH PROP TTIS:	2234.3	RH PROP TTIS:	2234.3
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
Heater Hobbs:		195.9	

I certify that this RH ENGINE; O-540-A1D5, S/N L-11096-40 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. Removed this engine from LH side Piper PA-23-250 N5293Y S/N 27-2358. Disassembled engine for major overhaul. Crankshaft, rods, and all internal steel sent to D&S Camcorp for inspection and yellow tag. Crankcases and Accessory case sent to Crankcase Services Inc. for overhaul and yellow tag. Crank sizes Mains STD and Rods STD. Installed 6 new Lycoming Cylinders P/N 05K21102 Installed the following new parts

- SL71569-1 Bearing x 2
- SL11020 Bearing half x 6
- SL13521A Connecting Rod Bearing x 12
- SL71569-1 Gasket Set
- 69603 Intake Hose x 6
- STD-1821 Oil Return Hose x 6
- SL-STD-2209 Crank gear bolt.
- SL74644 Rod Bolt x 12
- AEL12186 Rod Nut x 12
- REM40E Spark Plug x 12
- SL18109A-S Oil Pump Impeller Kit
- LW-31H0.88 Idler Shaft Bolt x 4
- AEL13790 Rocker Shaft X 6
- SL12892 Thrust Button x 12
- 67542 Roller Bearing x 2
- SL12136 Magneto Cushion x 4
- M8031 Magneto Contact Kit Assembly
- M3637 Contact Assembly
- AEL1028B Ball
- AEL31084 Spring
- STD-737 Woodruff Key
- SL78531 Oil Pump Body
- 13S19647-OH Crankgear
- 70389-OH, 70388-OH, 70384-OH Governor Gears and Shaft.
- SL61544 Fuel Pump Plunger
- 71652 Idler Gear
- 71668-SRV Idler Gear
- LW-13795-OH Idler Post x 2
- CAM74641 Oil Pump Drive Gear
- SL 78290 Hydraulic Unit x 12
- SL15B21319 Socket x 12
- LW-19096-SRV Magneto Gear x 2
- 72964 Hydraulic Pump Drive Gear
- REM40E Spark Plug x 12

Reassembled engine using above mentioned new and serviceable 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 engine mounts P/N J9613-12. 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. AD# 11-26-04 C/W visually with no defects noted. AD#12-03-06 N/A affected servo not installed.

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 2012-19

Signature: Stephen D. Zimmer  Certificate # A&P104727437A

LYCOMING
10-10-12-0000

Date: 17OCT2012 Tach: 5641.3 TTIS: 5495.2 TSMOH: 16.3 N5293Y
RH ENG.
Drained oil & removed oil filter. Cut oil filter open & inspected, with no defects noted. Replaced filter with new AA48110-2. Serviced engine with 12qts of Aeroshell 15W50 engine oil. Tightened plug in front of crank case. Removed LH magneto and replaced the magneto adapter and magneto gaskets P/N SL62224. Installed magneto and timed to 25 degrees BTDC. Tightened fitting above LH magneto and replaced oil cooler line for said fitting with a serviceable part. Replaced broken spring on LH magneto harness with a serviceable part. Repaired crack in top cowf. Test ran engine on ground, with no defects noted. All work done I/A/W latest Lycoming and Cessna service manuals.

Alfred L. Hooker A&P32466081A
Trans Am Aviation Services, Inc. 



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

N5293Y
9-Feb-12

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:	N/A
Heater Hobbs:		73.7	

I certify that this **LH ENGINE**; O-540-A1D5, S/N L-11096-40 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) 78/80 3) 78/80 4) 78/80 5) 79/80, 6) 78/80. Cut & inspected old oil filter. Inspected, cleaned & reinstalled 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/M BA-3. Adjusted carb heat rigging. Repaired exhaust shroud and replaced missing exhaust bolt clamp. Repaired #1 cylinder egt clamp. Performed post maintenance engine run-up for leak check, 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

Alfred L. Hooker  Certificate # A&P 3246608 IA

LYCOMING
A Textron Company

KD TO



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

N5293Y
5-Apr-12


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:	N/A
Heater Hobbs:		106.1	

I certify that this **LH ENGINE**; O-540-A1D5, S/N L-11096-40 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) 73/80 3) 73/80 4) 70/80 5) 70/80 6) 72/80. 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 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
A Textron Company

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SUB-TOTALS this page

TOTALS—Carry forward to next page

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**15-Jul-11**

LH ENG TTIS:	4995.5	RH ENG TTIS:	4995.5
LH ENG TSMOH:	1801.8	RH ENG TSMOH:	1877.3
LH PROP TTIS:	1604.8	RH PROP TTIS:	1604.8
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A

Heater Hobbs: 250.4

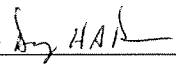
I certify that this **LH ENGINE**; O-540-A1D5, S/N L-11096-40 has been inspected in accordance with a **100 Hour** inspection as per 14CFR43, Appendix D, and was found to be in an airworthy condition at the time of inspection.

Compressions: 1) 70/80 2) 72/80 3) 74/80 4) 76/80 5) 74/80 6) 78/80. Cut & inspected old oil filter. Inspected, cleaned & reinstalled oil suction screen w/ no defects noted. Installed new oil filter P/N AA48110-2. Serviced engine w/ 12 qts Aeroshell 15W50. Replaced #5 & #3 pushrod housing seals w/ new. Replaced #2 oil return tube w/ new P/N 75939. Replaced all rocker cover gaskets, 75906. Performed post maintenance engine run-up for leak check, 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. 13**

LYCOMING

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

kane



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

N5293Y**6-Sep-11**

LH ENG TTIS:	5087.8	RH ENG TTIS:	5087.8
LH ENG TSMOH:	1894.1	RH ENG TSMOH:	1969.6
LH PROP TTIS:	1697.1	RH PROP TTIS:	1697.1
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A

Heater Hobbs: 200.0

I certify that this **LH ENGINE**; O-540-A1D5, S/N L-11096-40 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) 79/80 2) 79/80 3) 78/80 4) 79/80 5) 79/80 6) 79/80. 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.

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 2011-18.**

LYCOMING

Signature: Brandon C York  Certificate # A&P 3256819

0



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

N5293Y**1-Dec-11**

LH ENG TTIS:	5185.7	RH ENG TTIS:	5185.7
LH ENG TSMOH:	1992.0	RH ENG TSMOH:	2067.5
LH PROP TTIS:	1795.0	RH PROP TTIS:	1795.0
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A

Heater Hobbs: 0.0

I certify that this **LH ENGINE**; O-540-A1D5, S/N L-11096-40 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) 74/80 2) 76/80 3) 78/80 4) 79/80 5) 74/80 6) 78/80. 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.

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.**

LYCOMING

Signature: Brandon C York  Certificate # A&P 3256819IA


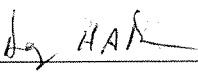
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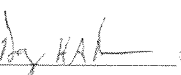
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Date: September 27, 2010 LH TACH: 4699.2 TTIS: 4699.2 TSMOH: 1505.5 N5293Y
LH Engine

Retimed LH magneto. Drained oil and removed filter. Cut filter open with no defects noted. Inspected finger screen with no defects noted. Installed new oil filter P/N CH48110-2. Performed compression check with the following results: #1 79/80, #2 79/80, #3 79/80, #4 78/80, #5 78/80, #6 79/80. Serviced engine with 12 qts. Aeroshell 15W-50 Engine Oil. Test ran engine on the ground with no defects noted. All AD's researched and found to be complied with through 2010-18. See AD log for all applicable AD's and methods of compliance. I certify this Engine has been inspected I/A/W a **100 Hr.** inspection as per FAR 43 Appendix D where applicable and was found to be in an airworthy condition at the time of inspection.

Brandon C York A&P3256819
Trans Am Aviation Services, Inc.

 Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114	N5293Y 10-Dec-10	A/C TOTAL TIME: 4798.9 TACH TIME: 4798.9 LH ENG TTIS: 4798.9 LH ENG TSMOH: 1605.2 LH PROP TTIS: 1408.2 LH PROP TSMOH: N/A	RH ENG TTIS: 4798.9 RH ENG TSMOH: 1680.7 RH PROP TTIS: 1408.2 RH PROP TSMOH: N/A Heater Hobbs: 134.7
	<p>I certify that this LH ENGINE; O-540-A1D5, S/N L-11096-40 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.</p> <p>Compressions: 1) 74/80 2) 76/80 3) 70/80 4) 78/80 5) 75/80, 6) 75/80. Cut & inspected old oil filter. Inspected, cleaned & reinstalled 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 for leak check. w/ no leaks or defects noted. Operational check ok.</p> <p>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.</p> <p>All ADs have been checked through bi-weekly 2010-25.</p> <p>Danny H.A. Doebar  Certificate # A&P 2705975 IA</p>		

 Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114	N5293Y 1-Apr-11	A/C TOTAL TIME: 4898.1 TACH TIME: 4898.1 LH ENG TTIS: 4898.1 LH ENG TSMOH: 1704.4 LH PROP TTIS: 1507.4 LH PROP TSMOH: N/A	RH ENG TTIS: 4898.1 RH ENG TSMOH: 1779.3 RH PROP TTIS: 1507.4 RH PROP TSMOH: N/A Heater Hobbs: 134.7
	<p>I certify that this LH ENGINE; O-540-A1D5, S/N L-11096-40 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.</p> <p>Compressions: 1) 79/80 2) 79/80 3) 70/80 4) 79/80 5) 75/80, 6) 77/80. Cut & inspected old oil filter. Inspected, cleaned & reinstalled 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 for leak check. w/ no leaks or defects noted. Operational check ok.</p> <p>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.</p> <p>All ADs have been checked through bi-weekly 2011-06.</p> <p>Danny H.A. Doebar  Certificate # A&P 2705975 IA</p>		

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
				<p>N5293Y LEFT ENGINE, LYCOMING 0-540-A1D5 SER# L-11096-40 TACH 4337.9 SMOH 1144.2</p> <p>DECEMBER 11, 2009 ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH FAR 43 APPENDIX D. WASHED ENGINE. CLEAN, INSPECT, GAP AND ROTATED SPARK PLUGS. SET MAGNETO TIMING AT 25 DEGREES. DRAINED CARBURATOR FLOAT BOWL. REPLACED INDUCTION AIR FILLTER P/N BA. CYLINDER LEAK DOWN TESTS ARE ALL ABOVE 80/70. CHECKED ADs C/W THROUGH THIS DATE. GROUND RUN NORMAL FOR WORK PERFORMED.</p> <p>AD 2008-19-05 ECI CYLINDER ASSEMBLIES N/A NOT INSTALLED.</p> <p>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE. END</p> <p><i>David E. Birch</i> DAVID E. BIRCH, A&P 3255695 I.A.</p>

Date: 28APR2010 LH Tach: 4434.1 TSMOH: 1240.4 TTIS: 4434.1 N5293Y LH P/P

C/W AD 2008-14-07 by visual inspection. Drained oil. Removed, inspected & cleaned oil finger screen with no defects noted. Serviced w/ 12qts Aeroshell 15W50. Performed compression check with the following results: #1 75/80, #2 78/80, #3 78/80, #4 77/80, #5 78/80, #6 77/80. Adjusted LH & RH magneto timing. Replaced cyl#5 intake gasket, P/N 71973. Test ran engine on ground with no defects noted. AD's complied with through 2010-08. See AD log for all applicable AD's and methods of compliance. I certify this Engine has been inspected I/A/W a 100 Hour inspection, as per FAR 43 Appen. D, where applicable, and was found to be in an airworthy condition at the time of inspection. Danny HA Doebar A&P27059751A
 Trans Am Aviation Services, Inc. apa *Dan HA Doebar*

Date: 28APR2010 LH Tach: 4531.7 TSMOH: 1338.0 TTIS: 4531.7 N5293Y LH P/P

C/W AD 2008-14-07 by visual inspection. Drained oil. Removed, inspected & cleaned oil finger screen with no defects noted. Serviced w/ 12qts Aeroshell 15W50. Performed compression check with the following results: #1 78/80, #2 74/80, #3 78/80, #4 77/80, #5 78/80, #6 77/80. Replaced all valve cover gaskets, P/N 5175906 (qts 6). Adjusted LH magneto timing. Test ran engine on ground with no defects noted. AD's complied with through 2010-12. See AD log for all applicable AD's and methods of compliance. I certify this Engine has been inspected I/A/W a 100 Hour inspection, as per FAR 43 Appen. D, where applicable, and was found to be in an airworthy condition at the time of inspection. Danny HA Doebar A&P27059751A
 Trans Am Aviation Services, Inc. apa *Dan HA Doebar*

Date: August 16, 2010	LH TACH: 4600.0	TTIS: 4600.0	TSMOH: 1406.3	N5293Y
LH Engine				
<p>Drained oil and removed filter. Cut filter open with no defects noted. Inspected finger screen with no defects noted. Installed new oil filter P/N CH48110. Performed compression check with the following results: #1 77/80, #2 76/80, #3 74/80, #4 75/80, #5 -/80, #6 77/80. Serviced engine with 12 qts. Aeroshell W15W-50 Engine Oil. Test ran engine on the ground with no defects noted. All AD's researched and found to be complied with through 2010-15. See AD log for all applicable AD's and methods of compliance. I certify this Engine has been inspected I/A/W a 100 Hr. inspection as per FAR 43 Appendix D where applicable and was found to be in an airworthy condition at the time of inspection.</p> <p><i>Stephen D. Zimmer</i> Stephen D. Zimmer A&P104727437IA Trans Am Aviation Services, Inc.</p>				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

