

ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N5293Y

Engine Manufacturer LYCOMING

Model O-540-A1D5

Serial No. L-4566-40

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☒ Right ☐ Left
☐ Front ☐ Rear



AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359



N5293Y
27-Feb-16




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


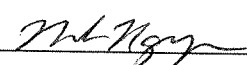

Signature: Stephen D. Zimmer Stephen D. Zimmer Certificate # A&P1047274371A.




LYCOMING
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[illegible]

	TOTAL	TOTAL	TACH OR		
 Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114	N5293Y 25-Apr-15			A/C TOTAL TIME: 7191.4 TACH TIME: 139.1 RH ENG TTIS: 7045.3 RH ENG TSMOH: 1566.4 RH PROP TTIS: 3800.7 RH PROP TSMOH: N/A Heater Hobbs: 873.8	
	LH ENG TTIS: 5775.0				
	LH ENG TSMOH: 98.3				
	LH PROP TTIS: 3800.7				
	LH PROP TSMOH: N/A				
	I 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: 1) 19/80 2) 19/80 3) 18/80 4) 11/80 5) 18/80 6) 18/80. 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 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.				
	 A Textron Company				

 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				
	I 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: 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 .				
	Signature: Minh Nguyen  Certificate # A&P 3770190.				
	 A Textron Company				

 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: 5972.8				
	LH ENG TSMOH: 290.1				
	LH PROP TTIS: 3998.5				
	LH PROP TSMOH: N/A				
	I 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: 1) 74/80 2) 75/80 3) 76/80 4) 74/80 5) 74/80 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 P/N AN900-16 and safety wired. Replaced #6 & #3 cover gasket p/n 8179. Replaced #1 oil return line p/n SL68759 and #3 oil return hose p/n STD-1821. Tightened all return oil couplings & #5 rocker screws. R&R RH mag & mag adapter gaskets p/n LW-12681 and 62224 re-timed RH magneto to engine. Tightened fuel pump screws to retard oil leak. Secured exhaust shroud back to muffler. 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 2015-21 .				
	Signature: Terrance Dailey  Certificate # A&P 3796536				
	 A Textron Company				

TOTALS—Carry forward to next page



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

N5293Y
31-Jul-12

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:	N/A
		Heater Hobbs:	195.9

DATE

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 governor 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 _____ Certificate # A&P 2827307

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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:	1468.1
LH PROP TTIS:	3702.4	RH PROP TTIS:	3702.4
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
		Heater Hobbs:	7093.1

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 Stephen D. Zimmer Certificate # A&P104727437.

LYCOMING
A Textron Company

DATE



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 **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) 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. Replaced #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

LYCOMING
A Whittle Corporation

Alfred L. Hooker Certificate # A&P 3246608 IA

KDTO



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 **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. 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

LYCOMING
A Whittle Corporation

Signature: Brandon C York Certificate # A&P 3256819



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

N5293Y
1-Jun-12

LH ENG TTIS:	5478.9	RH ENG TTIS:	5478.9
LH ENG TSMOH:	2285.2	RH ENG TSMOH:	2360.7
LH PROP TTIS:	2088.2	RH PROP TTIS:	2088.2
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A
Heater Hobbs:		174.2	

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, 3, 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 LW12892. Replaced 3 bad spark plugs P/N REM40E. Replaced RH carb air temp probe P/N 50B2A. Performed post maintenance engine run-up w/ no leaks or defects noted. Operational check ok.


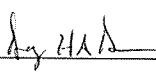
The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in reference to current regulations of the Federal Aviation Administration and is approved for return to service.



All ADs have been checked through 6/1/2012

LYCOMING
A Whittle Corporation

Alfred L. Hooker Certificate # A&P 3246608 IA

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																				
				<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p>Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114</p> <p>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.</p> <p>Compressions: 1) 73/80 2) 72/80 3) 75/80 4) 72/80, 5) 74/80, 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.</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. 13</p> <p>Danny H.A. Doebar  Certificate # A&P 2705975 IA</p> </div> <div style="width: 50%;"> <p>N5293Y 15-Jul-11</p> <table border="1"> <tr> <td>LH ENG TTIS:</td> <td>4995.5</td> <td>RH ENG TTIS:</td> <td>4995.5</td> </tr> <tr> <td>LH ENG TSMOH:</td> <td>1801.8</td> <td>RH ENG TSMOH:</td> <td>1877.3</td> </tr> <tr> <td>LH PROP TTIS:</td> <td>1604.8</td> <td>RH PROP TTIS:</td> <td>1604.8</td> </tr> <tr> <td>LH PROP TSMOH:</td> <td>N/A</td> <td>RH PROP TSMOH:</td> <td>N/A</td> </tr> <tr> <td colspan="2"></td> <td>Heater Hobbs:</td> <td>250.4</td> </tr> </table> <p>LYCOMING <small>A Textron Company</small></p> <p style="text-align: right;">kane</p> </div> </div>	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
LH ENG TTIS:	4995.5	RH ENG TTIS:	4995.5																					
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LH PROP TTIS:	1604.8	RH PROP TTIS:	1604.8																					
LH PROP TSMOH:	N/A	RH PROP TSMOH:	N/A																					
		Heater Hobbs:	250.4																					


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																				
				<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p>Air America Flight Center, LLC 1585 Aviation Center Parkway, Suite 602 Daytona Beach, FL 32114</p> <p>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.</p> <p>Compressions: 1) 75/80 2) 75/80 3) 79/80 4) 79/80 5) 78/80 6) 79/80. Cut & inspected old oil filter, w/ no defects noted. Inspected & cleaned oil finger screen w/ no leaks or defects noted. Operational check good.</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 2011-18.</p> <p>Signature: Brandon C York  Certificate # A&P 3256819</p> </div> <div style="width: 50%;"> <p>N5293Y 6-Sep-11</p> <table border="1"> <tr> <td>LH ENG TTIS:</td> <td>5087.8</td> <td>RH ENG TTIS:</td> <td>5087.8</td> </tr> <tr> <td>LH ENG TSMOH:</td> <td>1894.1</td> <td>RH ENG TSMOH:</td> <td>1969.6</td> </tr> <tr> <td>LH PROP TTIS:</td> <td>1697.1</td> <td>RH PROP TTIS:</td> <td>1697.1</td> </tr> <tr> <td>LH PROP TSMOH:</td> <td>N/A</td> <td>RH PROP TSMOH:</td> <td>N/A</td> </tr> <tr> <td colspan="2"></td> <td>Heater Hobbs:</td> <td>200.0</td> </tr> </table> <p>LYCOMING <small>A Textron Company</small></p> </div> </div>	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
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																					


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																				
				<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p>Air America Flight Center, LLC 1585 Aviation Center Parkway, Suite 602 Daytona Beach, FL 32114</p> <p>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.</p> <p>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. Replaced #5 and #6 Intake rubber tube and gasket, PN 69603 and 71973.</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 2011-23.</p> <p>Signature: Brandon C York  Certificate # A&P 3256819A</p> </div> <div style="width: 50%;"> <p>N5293Y 1-Dec-11</p> <table border="1"> <tr> <td>LH ENG TTIS:</td> <td>5185.7</td> <td>RH ENG TTIS:</td> <td>5185.7</td> </tr> <tr> <td>LH ENG TSMOH:</td> <td>1992.0</td> <td>RH ENG TSMOH:</td> <td>2067.5</td> </tr> <tr> <td>LH PROP TTIS:</td> <td>1795.0</td> <td>RH PROP TTIS:</td> <td>1795.0</td> </tr> <tr> <td>LH PROP TSMOH:</td> <td>N/A</td> <td>RH PROP TSMOH:</td> <td>N/A</td> </tr> <tr> <td colspan="2"></td> <td>Heater Hobbs:</td> <td>0.0</td> </tr> </table> <p>LYCOMING <small>A Textron Company</small></p> </div> </div>	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
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																					

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: 1581.0 N5293Y
RH Engine

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 76/80, #2 79/80, #3 79/80, #4 79/80, #5 75/80, #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.

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

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**.

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

LYCOMING
A Tenneco Company


kbpk

 <p>Trans Am Aviation Services, Inc. 1585 Aviation Center Parkway, Suite 604 Daytona Beach, FL 32114</p>	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: 1779.9 RH PROP TTIS: 1507.4 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 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 2011-06**.

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

LYCOMING
A Tenneco Company

kelm

TACH: 4337.0
Date: 02-05-2009

Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL

CHANGED OIL AND FILTER ADDED 12 QTS AEROSHELL 50 AD. REPLACED AIRFILTER P/N BA-3. ~~REPLACED HYD FILTER P/N AN6235-1A.~~ PERFORMED LKD .. ALL CYLS 75/80 OR BETTER. CLEANED , REGAPPED , AND TESTED ALL SPARK PLUGS. RUN UP CK OK.

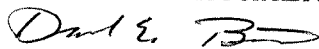


RICHARD LEMKE IA 117481946 AP

N5293Y RIGHT ENGINE, LYCOMING 0-540-A1D5 SER# L-4566-40 LEFT TACH TIME USED 4337.9 SMOH 1144.2 NOVEMBER 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.

AD 2008-19-05 ECI CYLINDER ASSEMBLIES N/A NOT INSTALLED.


I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE. **END**



DAVID E. BIRCH, A&P 3255695 IA

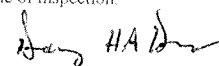
Date: 28APR2010 LH Tach: 4434.1 TSMOH: 1240.4 TTIS: 4434.1 N5293Y R/H P/P CAV AD 2008-14-07 by visual inspection. Drained oil. Removed, inspected & cleaned oil finger screen with no defects noted. Serviced engine w/ 12qts Aeroshell 15W50. Performed compression check with the following results: #1 75/80, #2 78/80, #3 75/80, #4 76/80, #5 72/80, #6 78/80. Replaced prop governor gasket w/ P/N 751-833. Adjusted LH magneto timing. Replaced valve cover gasket, P/N 75906. 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&P2705975IA
Trans Am Aviation Services, Inc. apa



Date: 20JUN2010 LH Tach: 4531.7 TSMOH: 1338.0 TTIS: 4531.7 N5293Y R/H P/P CAV AD 2008-14-07 by visual inspection. Drained oil. Removed, inspected & cleaned oil finger screen with no defects noted. Serviced engine w/ 12qts Aeroshell 15W50. Performed compression check with the following results: #1 75/80, #2 78/80, #3 70/80, #4 77/80, #5 79/80, #6 78/80. Replaced valve cover gaskets, P/N SL75906 [qty 5]. 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&P2705975IA
Trans Am Aviation Services, Inc. apa



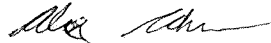




Date: August 16, 2010 LH TACH: 4600.0 TTIS: 4600.0 TSMOH: 1481.8 N5293Y
RH Engine

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 76/80, #2 77/80, #3 77/80, #4 -/80, #5 75/80, #6 74/80. 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.



Stephen D. Zimmer A&P104727437IA
Trans Am Aviation Services, Inc.

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
3/24/03	4212.4	830.4	4022.2	03/24/03 TTIS: 4212.4 TSMO: 830.4 RX Tach: 4022.2 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 <i>Alexander Cohen</i>
9/18/03	4268.7	886.7	4078.5	09/18/2003 TTIS: 4268.7 TSMO: 886.7 R. Tach: 4078.5 Drained oil & refilled w/ 9 qts. Philips 20/50 XC. Removed filter, cut open (no metal found) and replaced w/ new CH48110 Alexander Cohen AP 52446696 <i>Alexander Cohen</i>
3/16/04	4381.9	999.9	4118.1	3/16/2004 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 metal found. Replaced with new 48110-1 filter Cleaned, gapped & tested all spark plugs. Performed leak down test as follows: #1 76/80 #2 77/80 #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 inspection and was determined to be in an airworthy condition. Charles Terry AP 131286324 IA <i>Charles Terry</i>
				<p>9/1/04 RIGHT ENGINE LOG BOOK ENTRY FOR 5293Y, 4187.5 HRS. TACH TIME.</p> <p>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.</p> <p>CLEANED AND GAPPED SPARK PLUGS.</p> <p>PERFORMED GROUND RUN UP OPS CHECK OK NO LEAKS</p> <p><i>John Greenberg</i></p> <p>JOHN GREENBERG</p> <p>A&P 2759591</p>
3/1/05	4209.1	1090.9	4209.1	March 1, 2005 N5293Y Tach: 4209.1 TT: 4209.1 TMSO: 1090.9 R/S Recording tach for this engine inoperative. Using left side tach for hours. Cleaned, gapped, tested and rotated all spark plugs. Performed leak down test as follows: #1 72/80 #2 77/80 #3 77/80 #4 76/80 #5 77/80 #6 73/80 I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Charles Terry AP 131286324 IA <i>Charles Terry</i>
				<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</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
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	3970.4	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