

Engine Maintenance Records

Log Number:	_____
Aircraft Registration Number:	_____
Engine Manufacturer:	<u>Lycoming</u>
Model:	<u>TQ-540-K1GSD</u>
Serial Number:	<u>L-17892-48A</u>
Date Installed on Aircraft:	_____
Time Between Overhauls:	<u>2000 hours</u>
Engine Position:	_____


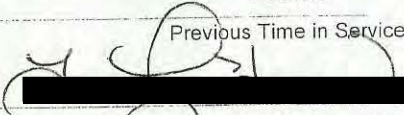
The Power of Experience







Penn Yan Aero Service, Inc., 2499 Bath Road, Penn Yan, New York 14527 U.S.A.

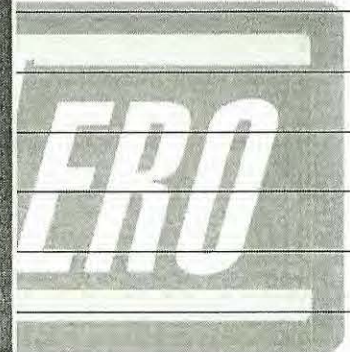
800-727-7230

www.pennyaero.com

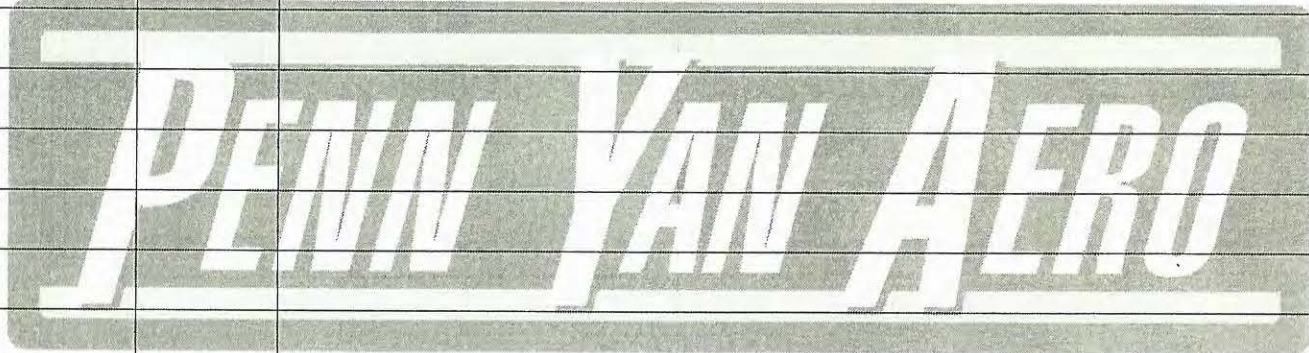
Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	
				<i>Balance Forward</i>	
				<div data-bbox="712 357 1935 1047" style="border: 1px solid black; padding: 10px;"> <p>This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts tolerances and limits by Penn Yan Aero Service, Incorporated. Engine disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with data approved by and or acceptable to the FAA. All applicable Airworthiness Directives are in compliance. See A.D. list supplied.</p> <div style="text-align: center;">  <p>Penn Yan Aero Service, Inc 2499 Bath Road, Penn Yan, New York 14527 Telephone: 1-315-536-2333 www.pennyanaero.com FAA Approved Repair Station: NJ1R350K</p> </div> <div style="text-align: right; margin-top: 20px;"> 16250-05 2/17/2005 ----- Work Order Number Dated IO-540-K1G5D ----- Engine Model L-17892-48A ----- Serial Number Dynamic balanced engine per FAA Approved Process Spec. AMP-4302. Installed overhauled P10 cylinders. This engine has been remanufactured to Zero Time Tolerances by Penn Yan Aero Service, Inc. 3321.15 ----- Previous Time in Service  ----- Repair Station NJ1R350K Authorized Signature </div> </div>	
					Totals – Carry Forward



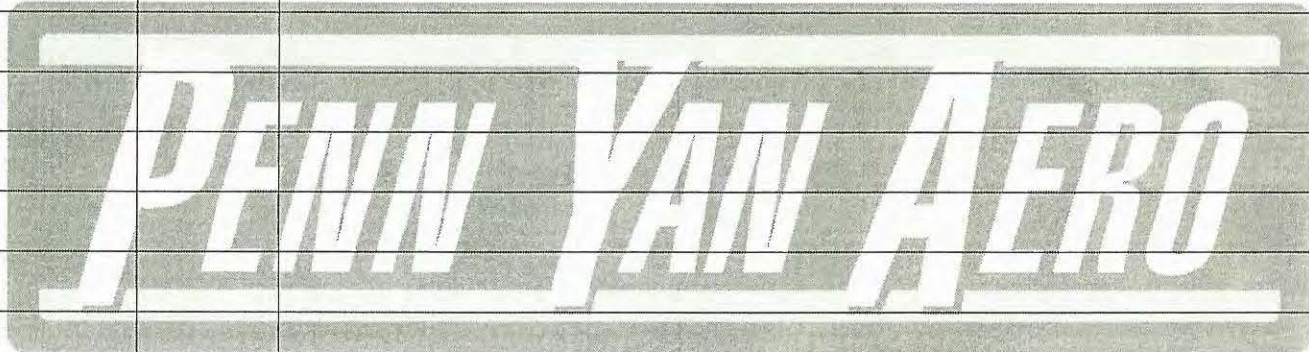
Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work																																				
				<i>Balance Forward</i>																																				
<p>The accessories listed are either new or were overhauled (as indicated) and supplied with this engine:</p> <p align="center">IO-540-K1G5D</p> <hr/> <p align="center">Engine Model</p> <p>L-17892-48A 16250-05 2/17/2005</p> <p>Serial Number Work Order Number Date</p> <p align="center">  Repair Station NJ1R350K Authorized Signature </p> <p align="center">  Penn Yan Aero Penn Yan Aero Service, Inc 2499 Bath Road, Penn Yan, New York 14527 Telephone: 1-315-536-2333 www.pennయాero.com FAA Approved Repair Station: NJ1R350K </p>				<table border="1"> <tr> <td>BL-682560-13</td> <td>G04LA139R</td> </tr> <tr> <td>Right Magneto - Part Number</td> <td>Serial Number</td> </tr> <tr> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Left Magneto - Part Number</td> <td>Serial Number</td> </tr> <tr> <td>2524273-12</td> <td>25360</td> </tr> <tr> <td>Injector/Carburetor - Part Number</td> <td>Serial Number</td> </tr> <tr> <td>41234</td> <td>AA18825</td> </tr> <tr> <td>Fuel Pump - Part Number</td> <td>Serial Number</td> </tr> <tr> <td>MZ4222</td> <td>3030895</td> </tr> <tr> <td>Starter - Part Number</td> <td>Serial Number</td> </tr> <tr> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Turbocharger - Part Number</td> <td>Serial Number</td> </tr> <tr> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Controller - Part Number</td> <td>Serial Number</td> </tr> <tr> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Controller - Part Number</td> <td>Serial Number</td> </tr> <tr> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Waste Gate - Part Number</td> <td>Serial Number</td> </tr> </table>	BL-682560-13	G04LA139R	Right Magneto - Part Number	Serial Number	N/A	N/A	Left Magneto - Part Number	Serial Number	2524273-12	25360	Injector/Carburetor - Part Number	Serial Number	41234	AA18825	Fuel Pump - Part Number	Serial Number	MZ4222	3030895	Starter - Part Number	Serial Number	N/A	N/A	Turbocharger - Part Number	Serial Number	N/A	N/A	Controller - Part Number	Serial Number	N/A	N/A	Controller - Part Number	Serial Number	N/A	N/A	Waste Gate - Part Number	Serial Number
BL-682560-13	G04LA139R																																							
Right Magneto - Part Number	Serial Number																																							
N/A	N/A																																							
Left Magneto - Part Number	Serial Number																																							
2524273-12	25360																																							
Injector/Carburetor - Part Number	Serial Number																																							
41234	AA18825																																							
Fuel Pump - Part Number	Serial Number																																							
MZ4222	3030895																																							
Starter - Part Number	Serial Number																																							
N/A	N/A																																							
Turbocharger - Part Number	Serial Number																																							
N/A	N/A																																							
Controller - Part Number	Serial Number																																							
N/A	N/A																																							
Controller - Part Number	Serial Number																																							
N/A	N/A																																							
Waste Gate - Part Number	Serial Number																																							
3-23-05	Tach 4841.17	HOBBS 3608.6		<p>THIS ENGINE WAS INSTALLED ON AIRCRAFT N-5802V Piper PA32R-300 S/N 32R7780365</p> <p>Serviced with Aeroshell SAE 50 mineral oil. Ground Run No leaks noted at this time. I certify that this engine has been inspected I/ABW AN ANNUAL inspection and was determined to be in an airworthy condition at this time for Airman I </p> <p align="right"> IA</p>																																				
				Totals - Carry Forward																																				



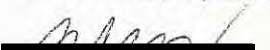

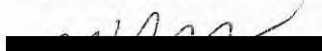
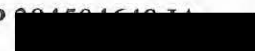


Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				<i>Balance Forward</i>
				Totals – Carry Forward

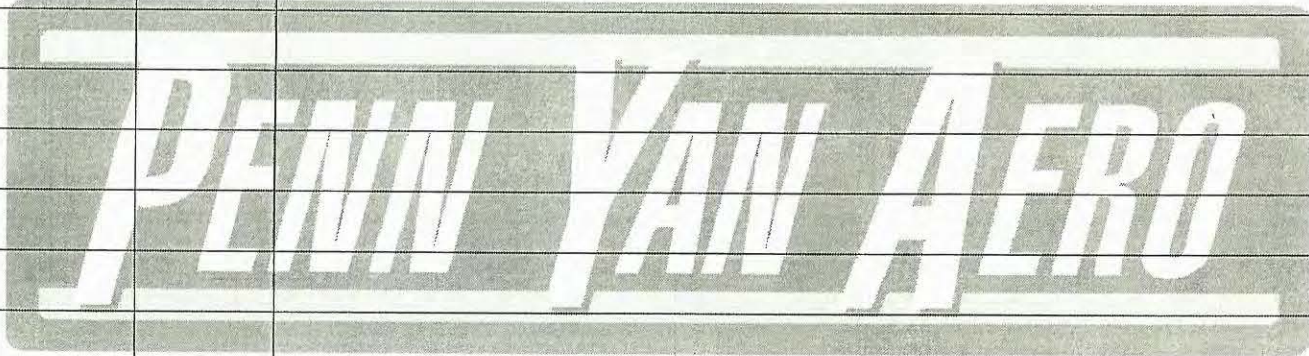


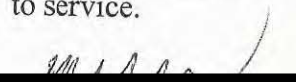



Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				<i>Balance Forward</i>
				Totals – Carry Forward



Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
<i>Balance Forward</i>				
12/01/2005			Tach: 4929.36	S/N 32R7780265 N5802V
<p>Drained oil, installed new oil filter PN ES48103. Serviced engine with 10 qts. Aeroshell 65. Cleaned oil screen. Run up & leak checks good.</p> <p>The maintenance operations described herein were inspected and, with respect to the work performed, the aircraft was found airworthy and is approved for return to service.</p> <p> A&P </p>				
Gregory J. Dodson				
12/01/2005			Tach: 4929.36	S/N 32R7780265 N5802V
<p>Removed and replaced starter with new P/N MZ-4222, S/N F101406, from Kelly Aerospace Power System's CRS#DMIR501212CE., WO# 10011471. Ops checks good.</p> <p>The maintenance operations described herein were inspected and, with respect to the work performed, the aircraft was found airworthy and is approved for return to service.</p> <p> A&P </p>				
Gregory J. Dodson				
6/02/2005			Tach: 4874.78	S/N 32R7780265 N5802V
<p>Drained oil, inspected filter installed new oil filter PN ES48103. Serviced engine with 10 qts. Aeroshell 80 mineral oil. Run up & leak checks good.</p> <p>The maintenance operations described herein were inspected and, with respect to the work performed, the aircraft was found airworthy and is approved for return to service.</p> <p> A&P </p>				
Gregory J. Dodson				

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				<i>Balance Forward</i>
				Totals – Carry Forward



Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work						
<i>Balance Forward</i>										
10/25/06			Tach: 4997.7	S/N 32R7780365 N5802V						
<p>Drained oil, installed new filter PN ES48103. Serviced engine with 11 qts. Aeroshell 80. Run up and leaks checks good.</p> <p>The maintenance operations described herein were inspected and with respect to the work performed, the aircraft was found airworthy and is approved for return to service.</p> <p> A&P </p> <p>Grégory J. Dodson</p>										
6/14/07	AFTT: 5067.47	Tach: 5067.47	S/N 32R7780365 N5802V	ETSM: 225.77 ETSN: 3546.92						
<p>Complied with 100 hour inspection, IAW aircraft maintenance manual and FAR 43 Appendix D. Performed compression test</p> <table border="1" data-bbox="774 917 1688 987"> <tr> <td>1. 76/80</td> <td>3.74/80</td> <td>5. 76/80</td> </tr> <tr> <td>2. 77/80</td> <td>4. 76/80</td> <td>6. 76/80</td> </tr> </table> <p>Drained oil, inspected filter cleaned screen installed new filter PN AA48103. Serviced engine with 11 qts. Aeroshell 100. Cleaned engine. I certify that this engine has been inspected IAW a 100 inspection, and it was determined to be in airworthy condition. Run-up and leak checks good.</p> <p>The maintenance operations described herein were inspected and, with respect to the work performed, the aircraft was found airworthy and is approved for return to service.</p> <p> </p> <p>Gregory J. Dodson</p>					1. 76/80	3.74/80	5. 76/80	2. 77/80	4. 76/80	6. 76/80
1. 76/80	3.74/80	5. 76/80								
2. 77/80	4. 76/80	6. 76/80								
				Totals – Carry Forward						



Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time

Description of Work Performed
Certificate Number & Signature of Technician Performing Work

5/22/08 AFTT: 5132.27 Tach: 5132.27 S/N32R7780365 N5802V

Drained oil, installed new filter P/N48103. Serviced engine with 10qts. Aeroshell 15w50 oil. Run-up & leak checks good.
The maintenance operations described herein were inspected and, with respect to the work performed, the aircraft was found airworthy and is approved for return to service.

 A&P 
Gregory J. Dodson

**7/18/08 AFTT:5135.04 Tach:5135.04 S/N32R7780365 N5802V
ETSM: 293.34 ETSN:3614.49**




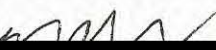
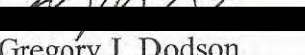

Complied with 100 hour inspection, IAW aircraft maintenance manual and FAR 43 Appendix D. Performed compression test

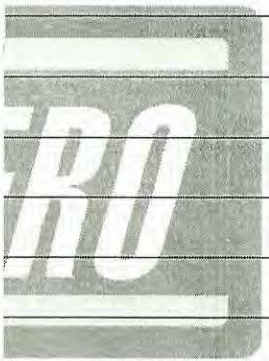
1. 78/80	3.79/80	5. 78/80
2. 77/80	4. 76/80	6. 78/80

Complied with AD 93-02-05 by inspecting fuel lines and clamps, no defects noted due at next inspection or maintenance on injector system.
I certify that this engine has been inspected IAW a 100 inspection, and it was determined to be in airworthy condition. Run-up and leak checks good.
The maintenance operations described herein were inspected and, with respect to the work performed, the aircraft was found airworthy and is approved for return to service.

 A&P 
Gregory J. Dodson



Totals – Carry Forward

Date	7/07/09 AFTT: 5186.25 Tach: 5186.25 S/N32R7780365 N5802V			Page: 10						
	Drained oil, installed new filter P/N48103. Serviced engine with 10qts. Aeroshell 15w50 oil. Run-up & leak checks good.			ing Work						
	The maintenance operations described herein were inspected and, with respect to the work performed, the aircraft was found airworthy and is approved for return to service.									
	  A&P  Gregory J. Dodson									
	10/01/09 AFTT: 5192.18 Tach: 5192.18 S/N32R7780365 N5802V ETSM: 350.74 ETSN: 3671.89									
	Complied with 100 hour inspection, IAW aircraft maintenance manual and FAR 43 Appendix D. Performed compression test									
	<table border="1"> <tr> <td>1. 77/80</td> <td>3. 76/80</td> <td>5. 78/80</td> </tr> <tr> <td>2. 78/80</td> <td>4. 78/80</td> <td>6. 77/80</td> </tr> </table>			1. 77/80	3. 76/80	5. 78/80	2. 78/80	4. 78/80	6. 77/80	
1. 77/80	3. 76/80	5. 78/80								
2. 78/80	4. 78/80	6. 77/80								
	Complied with AD 93-02-05 by inspecting fuel lines and clamps, no defects noted due at next inspection or maintenance on injector system.									
	I certify that this engine has been inspected IAW a 100 inspection, and it was determined to be in airworthy condition. Run-up and leak checks good.									
	The maintenance operations described herein were inspected and, with respect to the work performed, the aircraft was found airworthy and is approved for return to service.									
	  A&P  Gregory J. Dodson									

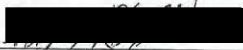


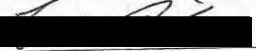


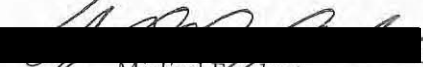

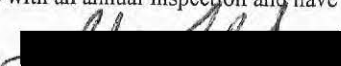

Totals – Carry Forward

Date	Total Time In Service	Total Sin Over	<p style="text-align: right;">Page: 11</p>						
			<p>6/16/10 TACH: 5262.54 S/N 32R7780365 N5802V</p> <p>Drained oil. Installed new filter with new P/N CH48103. Serviced engine with 10 qts. Aeroshell 15w50. Run up and leak checks good. The maintenance operations described herein were inspected and, with respect to the work performed, the aircraft was found airworthy and is approved for return to service.</p> <p style="text-align: center;"> [REDACTED] A&P [REDACTED] Gregory J Dodson </p>						
			<p>11/24/10 AFTT: 5135.04 TACH:5135.04 S/N32R7780365 5802V ETSN: 3614.49 ETSM: 293.27</p> <p>Complied with 100 hour inspection, IAW aircraft maintenance manual and FAR 43 Appendix D. Performed compression test.</p> <table border="1" data-bbox="1042 1060 2373 1174"> <tr> <td>1.78 /80</td> <td>2.76 /80</td> <td>3.78 /80</td> </tr> <tr> <td>4.77/80</td> <td>5.78 /80</td> <td>6.76 /80</td> </tr> </table> <p>Complied with Ad 93-025-05 by inspecting fuel lines and clamps, no defects noted due at next inspection or maintenance on injector system. I certify that this engine has been inspected IAW an 100 hour inspection, and it was determined to be in airworthy condition. The maintenance operations described herein were inspected and, with the respect to the work performed, the aircraft was found airworthy and is approved for return to service.</p> <p style="text-align: center;"> [REDACTED] A&P [REDACTED] </p>	1.78 /80	2.76 /80	3.78 /80	4.77/80	5.78 /80	6.76 /80
1.78 /80	2.76 /80	3.78 /80							
4.77/80	5.78 /80	6.76 /80							

Date	Total Time In Service	Total Time	Tach or	Work Performed							
		11/24/10	AFTT:5135.04	TACH:5135.04	S/N32R7780365 5802V						
		PTSN: 293.27									
		Complied with 100 hour inspection, IAW aircraft maintenance manual and FAR 43 Appendix D. Inspected spinner and bulkhead. Lubricated with Aeroshell 6. Run-up checks good.									
		I certify that this propeller has been inspected IAW an 100 hour inspection, and it was determined to be in airworthy condition.									
		The maintenance operations described herein were inspected and, with the respect to the work performed, the aircraft was found airworthy and is approved for return to service.									
		 A&P 									
		Gregory J Dodson									
		1/25/12	AFTT: 5329.31	TACH:5329.31	S/N32R7780365 5802V						
		ETSN: 4809.02 ETSM: 487.87									
		Complied with 100 hour inspection, IAW aircraft maintenance manual and FAR 43 Appendix D. Performed compression test.									
		<table border="1" data-bbox="1042 993 2370 1112"> <tr> <td data-bbox="1042 993 1486 1052">1.75 /80</td> <td data-bbox="1486 993 1929 1052">2.75 /80</td> <td data-bbox="1929 993 2370 1052">3.75 /80</td> </tr> <tr> <td data-bbox="1042 1052 1486 1112">4.78/80</td> <td data-bbox="1486 1052 1929 1112">5.79 /80</td> <td data-bbox="1929 1052 2370 1112">6.79 /80</td> </tr> </table>				1.75 /80	2.75 /80	3.75 /80	4.78/80	5.79 /80	6.79 /80
1.75 /80	2.75 /80	3.75 /80									
4.78/80	5.79 /80	6.79 /80									
		Complied with Ad 93-025-05 by inspecting fuel lines and clamps, no defects noted due at next inspection or maintenance on injector system. Drained oil, replaced oil filter with new P/N AA 48103 and serviced engine with 10 quarts Aeroshell 65 oil.									
		I certify that this engine has been inspected IAW an 100 hour inspection, and it was determined to be in airworthy condition.									
		The maintenance operations described herein were inspected and, with the respect to the work performed, the aircraft was found airworthy and is approved for return to service.									

 A&P 
 Gregory J Dodson

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 13
				<p>3/12/12 AFTT:5329.31 TACH:5329.31 S/N32R7780365 5802V PTSN: 487.80</p> <p>Complied with 100 hour inspection, IAW aircraft maintenance manual and FAR 43 Appendix D. Inspected spinner and bulkhead. Lubricated with Aeroshell 6. Run-up checks good. I certify that this propeller has been inspected IAW an 100 hour inspection, and it was determined to be in airworthy condition. The maintenance operations described herein were inspected and, with the respect to the work performed, the aircraft was found airworthy and is approved for return to service.</p> <p> A&P  Gregory J Dodson</p>	
				<p><i>Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732</i> 8/22/2012 N5802V PA32R-300 H/M:4261.5 Tach:5403.71 Complied with oil and filter change. Inspected oil filter element (NDN) Installed new filter P/N AA48103-2. Serviced engine with 12Qts Aeroshell 15w-50 oil. Ground run and leak check satisfactory.</p> <p> &P Patrick E. Gray</p>	
				<p><i>Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732</i> 2/11/13 N5802V PA32R-300 Tach:5492.42 Complied with oil and filter change. Inspected oil filter element (NDN) Installed new filter P/N:48103. Serviced engine with 12Qts Aeroshell 15w-50 oil. Ground run and leak check satisfactory.</p> <p> A&P Eric Miller</p>	
				Totals – Carry Forward	

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				<p align="center">Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191 2/11/13 N5802V PA32R-300 S/N: 32R-7780365 Tach: 5492.42</p> <p>Serviced hydraulic power pack with Mil-H-5606 hydraulic fluid, jacked aircraft, performed several gear retractions and emergency extends and removed aircraft from jacks.</p> <p align="center">  Michael Everhart A&P  </p>
				<p>Engine Logbook Addendum N31RF N5802V, PA32R-300 s/n 32R-7780365, May 1, 2013, 5495.71 hrs. Tach/TTAF Lycoming O540-K1G5D s/n L-17892-48A. 0654.54 TSMOH</p> <ol style="list-style-type: none"> 1) Leakdown Cyl# 1. 75/80, 2. 75/80, 3. 75/80, 4. 75/80, 5. 77/80, 6. 74/80. 2) Changed oil and filter, filter/screen inspection satisfactory. Installed new CF 148103 filter and 12 qts Phillips X/C 20/50 oil. 3) Installed all new URHM-38E sparkplugs. Checked magneto to engine timing, satisfactory. 4) C/W AD11-26-04 dated 01/25/12 regarding fuel injection line installation, complied with by inspection as per MSB342F and found satisfactory. Next inspection due at 5595.71 tach/taf. (each 100hrs. 5) AD12-03-06 dated 02/24/12 regarding AFS fuel servo diaphragms does not apply to s/n 25360 fuel servo installed. This unit was installed at engine overhaul 02/17/05 and a logbook search shows no maintenance has been performed after 05/20/10 suspect date. No further action required. 6) AD12-19-01 dated 10/24/12 regarding crankshafts does not apply. Crankshaft s/n 85432 shown on build sheet from 02/17/05 engine overhaul is not included in table 5 of MSB 569A. No further action required. <p>I certify that I have inspected this engine in accordance with an annual inspection and have determined it to be in airworthy condition.</p> <p align="center">  John Fadok A&P  </p>
				Totals – Carry Forward

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				<i>Balance Forward</i>
				<p>Engine Logbook Addendum N31RF N5802V, PA32R-300 s/n 32R-7780365, December 23, 2013, 5561.00 hrs. Tach/TTAF Lycoming O540-K1G5D s/n L-17892-48A.</p> <p>1) Changed oil and filter, filter inspection satisfactory. Installed new CH48103 filter and 12 qts Phillips X/C 20/50 oil. 2) C/W AD11-26-04 dated 01/25/12 regarding fuel injection line installation complied with by inspection as per MSB342F and found satisfactory. Next inspection due at 5661.00 tach/ttaf. (each 100hrs)</p> <p style="text-align: right;"><i>[Signature]</i> John Fadok</p>
				<p>Engine Logbook Addendum N31RF N5802V, PA32R-300 s/n 32R-7780365, July 22, 2014, 5616.03 hrs. Tach/TTAF Lycoming O540-K1G5D s/n L-17892-48A. 0774.86 TSMOH</p> <p>1) Leakdown Cyl# 1. 76/80, 2. 76/80, 3. 75/80, 4. 78/80, 5. 75/80, 6. 76/80. 2) Changed oil and filter, filter inspection satisfactory. Installed new CH48103-1 filter and 12 qts Aeroshell 100Plus oil. 3) Gapped and rotated sparkplugs. Checked magneto to engine timing, satisfactory. 4) Replaced missing baffle screw on cylinder #5. 5) C/W AD11-26-04 dated 01/25/12 regarding fuel injection line installation complied with by inspection as per MSB342F and found satisfactory. Next inspection due at 5716.03 tach/ttaf. (each 100hrs)</p> <p>I certify that I have inspected this engine in accordance with an annual inspection and have determined it to be in airworthy condition.</p> <p style="text-align: right;"><i>[Signature]</i> John Fadok A&P</p>
				Totals – Carry Forward

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company
 Manufacturer Lycoming Engines
 Model IO-540-K1G5D
 Location
 Serial # L-17892-48A
 TSMOH
 Total Time

75-09-15	04/30/75	FUEL INJECTOR FLOW DIVIDER COVER/		
Method of Compliance	C/W at overhaul			
SB #		Date 02/17/05	Next Due N/A	
Signature			Cert. # 3471007 A&P	
78-23-08	11/07/78	FUEL INJECTOR TUBE ELBOW/		
Method of Compliance	C/W at overhaul			
SB #		Date 02/17/05	Next Due N/A	
Signature			Cert. # 3471007 A&P	
78-23-10	11/07/78	FUEL INJECTOR CENTER BODY BELLOWS SEAL/		
Method of Compliance	C/W at overhaul			
SB #		Date 02/17/05	Next Due N/A	
Signature			Cert. # 3471007 A&P	
79-04-05	02/26/79	[R1] FUEL INJECTOR REGULATOR DIAPHRAGM/		
Method of Compliance	C/W at overhaul			
SB #		Date 02/17/05	Next Due N/A	
Signature			Cert. # 3471007 A&P	
81-03-05	02/11/81	MIXTURE CONTROL SHAFT ASSEMBLY/		
Method of Compliance	C/W at overhaul			
SB #		Date 02/17/05	Next Due N/A	
Signature			Cert. # 3471007 A&P	
83-22-04	11/04/83	FUEL INJECTOR DIAPHRAGM STEM/		
Method of Compliance	C/W at overhaul			
SB #		Date 02/17/05	Next Due N/A	
Signature			Cert. # 3471007 A&P	
92-12-05	07/10/92	PISTON PIN RECALL/		
Method of Compliance	C/W at overhaul			
SB #		Date 02/17/05	Next Due N/A	
Signature			Cert. # 3471007 A&P	
93-11-11	06/21/93	LOW PRESSURE DIAPHRAGM FUEL PUMP/		
Method of Compliance	C/W at overhaul			
SB #		Date 02/17/05	Next Due N/A	
Signature			Cert. # 3471007 A&P	

Prepared by [Signature] Date 6/1/13

Airframe Logbook Addendum N5802V, PA32R-300 s/n 32R-7780365, July 22, 2014, 5616.03 hrs. Tach/TTAF

- 1) Cleaned and repacked all wheel bearings.
- 2) Installed a new Air Hawk 600x6 6pr tire and inner tube on left MLG.
- 3) Installed a new, recap, 5.00x5 6pr tire and inner tube on nose gear.
- 4) Installed three new Aerospace Welding FAA/PMA p/n A67517-00 mufflers s/n 31635, 31636 and 31637, Kinsey Welding FAA/PMA p/n K38137-06 s/n 232517 cylinder #3 riser and Kinsey Welding FAA/PMA p/n K38137-07 s/n 2333794 cylinder #5 riser. Parts installed with all new gaskets and hardware. Installed doubler on bottom exhaust shroud.
- 5) Installed a new drain valve in left, inboard fuel tank.
- 6) Cycled landing gear and performed emergency extension. Gear operation satisfactory.
- 7) Topped off brake fluid reservoir.
- 8) Installed new BA3 engine air filter element.
- 9) Installed all new Camlocs and retainers in air filter cover plate.
- 10) Serviced battery.
- 11) Inspected CIR-11-2 ELT, s/n 19143 as required by FAR 91.207(d) and found satisfactory. Installed a new BP1026 battery. Battery replacement due October 2016.
- 12) C/W AD76-07-12 dtd. 8/30/77 by operational check of Bendix ignition switch, operation satisfactory. Next inspection due at 5716.03 Tach/TTAF. (each 100hrs)
- 13) C/W AD78-23-01 dtd. 11/3/78 by visual inspection of fuel drain door for operation and condition as per AD. Condition satisfactory. Next inspection due at 5716.03 TTAF/ Tach. (each 100hrs)

I certify that I have inspected this aircraft in accordance with an annual inspection and have determined it to be in airworthy condition.

John Fadok A&I [REDACTED]

Engine Logbook Addendum N31RF N5802V, PA32R-300 s/n 32R-7780365, July 22, 2014, 5616.03 hrs. Tach/TTAF

Lycoming O540-K1G5D s/n L-17892-48A. 0774.86 TSMOH

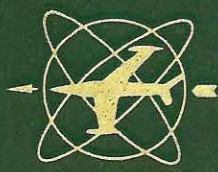
- 1) Leakdown Cyl# 1. 76/80, 2. 76/80, 3. 75/80, 4. 78/80, 5. 75/80, 6. 76/80.
- 2) Changed oil and filter, filter inspection satisfactory. Installed new CH48103-1 filter and 12 qts Aeroshell 100Plus oil.
- 3) Gapped and rotated sparkplugs. Checked magneto to engine timing, satisfactory.
- 4) Replaced missing baffle screw on cylinder #5.
- 5) C/W AD11-26-04 dated 01/25/12 regarding fuel injection line installation complied with by inspection as per MSB342F and found satisfactory. Next inspection due at 5716.03 tach/ttcf. (each 100hrs)

I certify that I have inspected this engine in accordance with an annual inspection and have determined it to be in airworthy condition.

John Fadok A&I [REDACTED]

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER	
	NAME	ADDRESS
	B. PRODUCTION BASIS (Check applicable item)	
	PRODUCTION CERTIFICATE (Give production certificate number)	
	TYPE CERTIFICATE	
	OTHER:	
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS		
DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE
A. DESCRIPTION OF AIRCRAFT		
REGISTERED OWNER	ADDRESS	
TLT AND GGB LLC.	[REDACTED]	
BUILDER (Make)	MODEL	
PEPER	PA-32R-300	
SERIAL NUMBER	REGISTRATION MARK	
32R-7780365	N5802V	
B. DESCRIPTION OF FLIGHT		
FROM	TO	CUSTOMER DEMONSTRATION FLIGHTS <input type="checkbox"/> (Check if applicable)
KGSP	KAVL	
VIA	DEPARTURE DATE	DURATION
Direct	3-12-2013	10 Days
C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT		
PILOT	CO-PILOT	FLIGHT ENGINEER
		OTHER (Specify)
D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:		
main landing gear will not retract.		
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: (Use attachment if necessary)		
V.F.R. and landing gear remains down.		
F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is safe for the flight described.		
DATE	NAME AND TITLE (Print or type)	SIGNATURE
3-12-2013	TLT+GGB LLC [REDACTED]	[REDACTED]
VII. AIRWORTHINESS DOCUMENTATION (FAA DESIGNEE use only)	A. Operating Limitations and Markings in Compliance With 14 CFR Section 91.9, As Applicable	G. Statement of Conformity
	B. Current Operating Limitations Attached	H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)
	C. Data, Drawings, Photographs, etc. (Attach when required)	I. Previous Airworthiness Certificate Issued in Accordance With 14 CFR Section _____ CAR _____ (Original attached)
	D. Current Weight and Balance Information Available in Aircraft	J. Current Airworthiness Certificate Issued in Accordance With 14 CFR Section _____ (Copy attached)
	E. Major Repair and Alteration, FAA Form 337 (Attach when required)	K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 (Attach when required)
	F. This Inspection Recorded in Aircraft Records	

OWNER PRINT & SIGN →



The Standard

AIRCRAFT LOG

ASA-SA-2



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------------	---------------------------	-------------------	-----------------------------	---

N5802V

SN: 32R-7780365

HM: 5494.4

3/8/2013

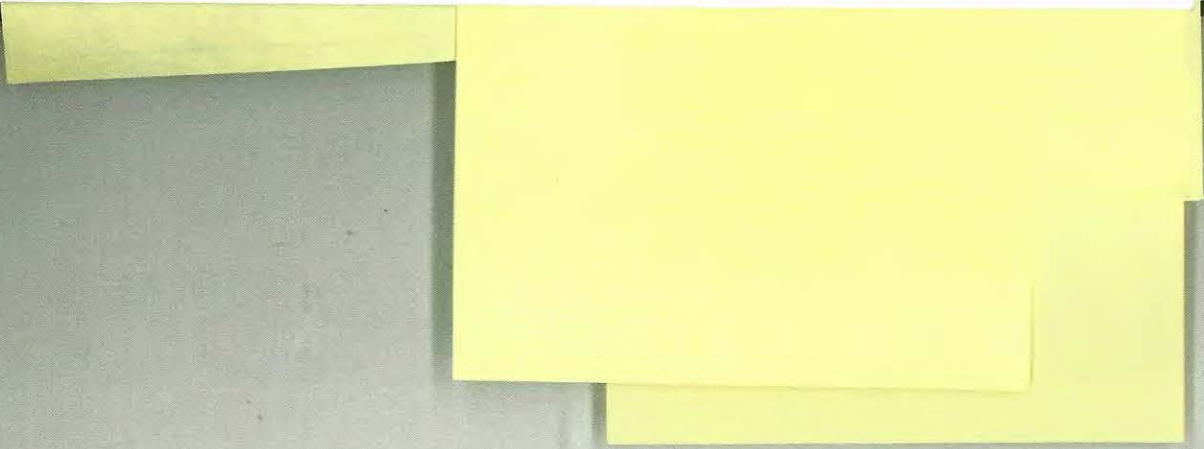
- 2.01 Complied with 24 month altimeter certification and pitot static system inspection in accordance with FAR 91.411 See avionics entry dated 3/8/2013 for details.
- 2.02 24 month left and right transponders certification in accordance with FAR 91.413 See avionics entry dated 3/8/2013 for details.
- 2.03 Traced pitot and static system lines to airspeed indicator and altimeter, found pitot and static lines cross feeding behind instrument panel. Traced instrument air lines, found systems cross connecting through airspeed switch for pitch trim control circuit. Removed leaking switch, P/N 486-416, NSN, and installed new switch, P/N 486-416, NSN, in aircraft. Pitch trim control test good per Piper instructions and static system leak test is good in accordance with FAR 43, Appendix E.

I Certify That The Maintenance Identified In This Work Order Package Has Been Inspected And The Item(s) Are Approved For Return To Service. Pertinent Details Of The Repair(s) Are On File At This Agency Under Work Order Number GSP-WO- 3385

SIGNED

[Signature]
For STEVENS AVIATION, GREER, SC 29651 CRS VI

SA-0505



YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>

Airframe Logbook Addendum N5802V, PA32R-300 s/n 32R-7780365, June 29, 2013, 5507.13 hrs. Tach/TTAF

1) Repaired hydraulic line p/n 67700-17 approximately seven inches forward of the main spar by installing an AN815 union with required nuts and sleeves. Cycled landing gear. Operation normal. No leaks detected. Refilled hydraulic power pack.

2) Replaced Alcor EGT gauge with new p/n 46150 Alcor EGT gauge.

3) Prop / Engine dynamically balanced using ACES Model 2015 system in accordance document 2015-CM-1 and OM-1000-01 Rev. 2.

Start vibration condition: .43 IPS @ 309 deg.

Ending vibration condition: .07 IPS @ 104 deg.

Weights added to: Starter Ring Gear inside spinner

Weights amount @ location: 31.4 grams @ 030 deg. and 8.8 grams @ 060 deg.

(END)

[Handwritten Signature]
 [Redacted]
 John Fadok A&P [Redacted]

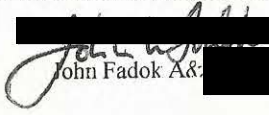


YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
--------------------	---------------------------	-------------------	-----------------------------	--

Airframe Logbook Addendum N5802V, PA32R-300 s/n 32R-7780365, July 22, 2014, 5616.03 hrs. Tach/TTAF

- 1) Cleaned and repacked all wheel bearings.
- 2) Installed a new Air Hawk 600x6 6pr tire and inner tube on left MLG.
- 3) Installed a new, recap, 5.00x5 6pr tire and inner tube on nose gear.
- 4) Installed three new Aerospace Welding FAA/PMA p/n A67517-00 mufflers s/n 31635, 31636 and 31637, Kinsey Welding FAA/PMA p/n K38137-06 s/n 232517 cylinder #3 riser and Kinsey Welding FAA/PMA p/n K38137-07 s/n 2333794 cylinder #5 riser. Parts installed with all new gaskets and hardware. Installed doubler on bottom exhaust shroud.
- 5) Installed a new drain valve in left, inboard fuel tank.
- 6) Cycled landing gear and performed emergency extension. Gear operation satisfactory.
- 7) Topped off brake fluid reservoir.
- 8) Installed new BA3 engine air filter element.
- 9) Installed all new Camlocs and retainers in air filter cover plate.
- 10) Serviced battery.
- 11) Inspected CIR-11-2 ELT, s/n 19143 as required by FAR 91.207(d) and found satisfactory. Installed a new BP1026 battery. Battery replacement due October 2016.
- 12) C/W AD76-07-12 dtd. 8/30/77 by operational check of Bendix ignition switch, operation satisfactory. Next inspection due at 5716.03 Tach/TTAF. (each 100hrs)
- 13) C/W AD78-23-01 dtd. 11/3/78 by visual inspection of fuel drain door for operation and condition as per AD. Condition satisfactory. Next inspection due at 5716.03 TTAF/ Tach. (each 100hrs)

I certify that I have inspected this aircraft in accordance with an annual inspection and have determined it to be in airworthy condition.


 John Fadok A&P



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
--------------------	---------------------------	-------------------	-----------------------------	--

Sarasota Avionics Inc. Venice Airport (VNC)
 120 West Airport Ave Venice FL 34285
 N# N5802V PA-32 SN:32R-7780365
 Date 04/27/2015 Work Order: 8445



Pilot Altimeter (PN:5934P-1 SN:J3086) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. The Automatic pressure altitude reporting equipment (PN:AR850 SN:42083) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14 CFR 91.217. The transponder (PN: GTX320 SN:83201659) was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. The Static Pressure system was tested and inspected in accordance with 14 CFR 91.411. I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

[Signature]
 _____, for Sarasota Avionics Inc. CRS _____



YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

ALT CERT + PILOT

INSPECTION :

3/8/2013

4/27/2015

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterati Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entri

YEAR
20
DATE

Airframe Logbook Addendum N5802V, PA32R-300 s/n 32R-7780365, December 23, 2013, 5561.00 hrs. Tach/TTAF
 1) C/W AD78-23-01 dtd. 11/3/78 by visual inspection of fuel drain door for operation and condition as per AD. Condition
 satisfactory. Next inspection due at 5661.00 TTAF/ Tach. (each 100hrs)
 2) C/W AD76-07-12 dtd. 8/30/77 by operational check of Bendix ignition switch, operation satisfactory. Next inspection due at
 5661.00 Tach/TTAF. (each 100hrs)

[Redacted Signature]

ANNUAL

ELT CHECK

JULY 22 2014
5616.03 TACH

ANNUAL
JULY 22, 2014
5616.03 TACH