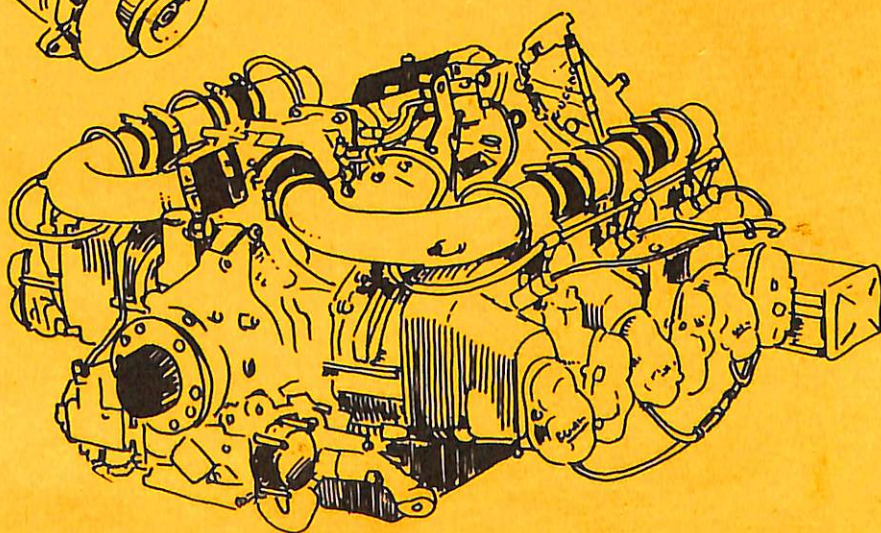
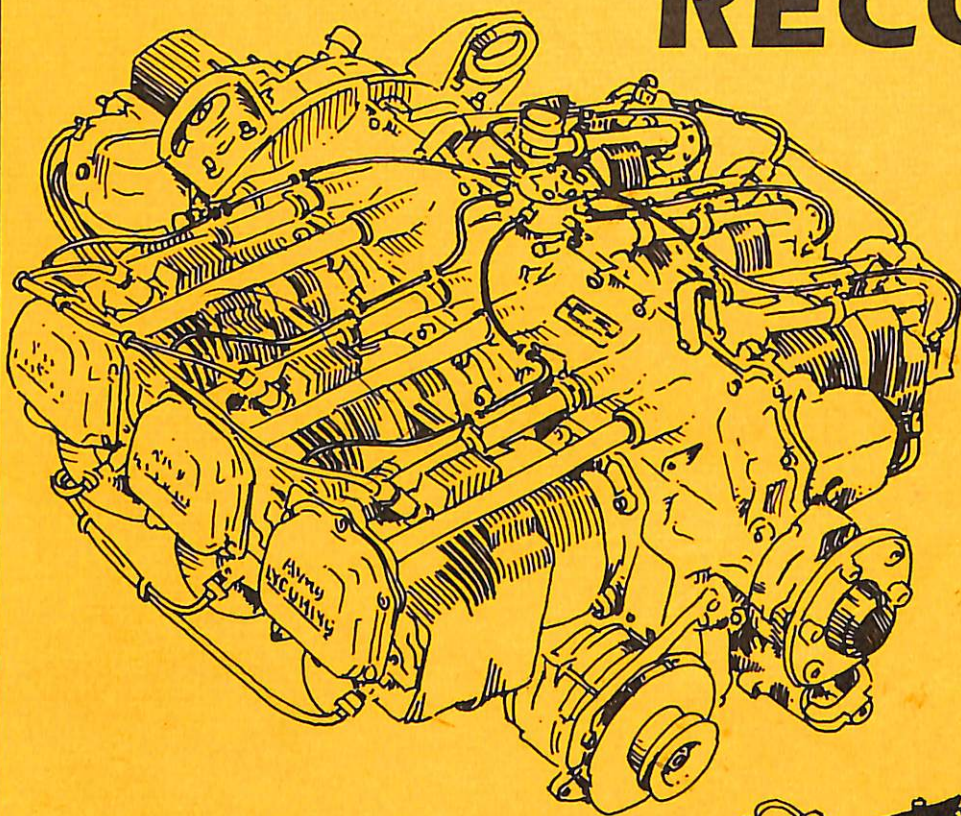


ENGINE MAINTENANCE RECORDS



1-800-624-6680

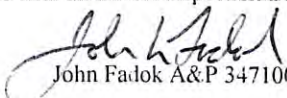
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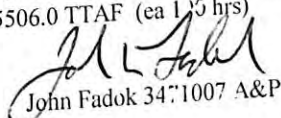
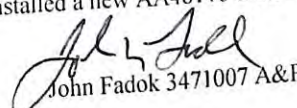
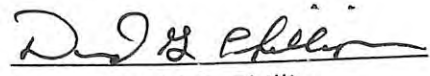
TELEDYNE MATTITUCK SERVICES, INC.

410 AIRWAY DRIVE, MATTITUCK, NY 11952

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
				Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, December 10, 2021, 5444.2 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48 Changed oil and filter. Filter inspection satisfactory. Installed a new AA48110-2 oil filter and 11qts Phillips 20W50 oil John Fadok 3471007 A&P
1/17/22		5464.7		Changed oil & filter. Filter inspection satisfactory. Installed new AA48110-2 oil filter and 11 QTS Phillips X/C 20W50 oil. Timothy P. Anderson 20421777
				Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, June 18, 2022, 5475.1 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48, 0711.0 hrs TSMOH 1) Leakdown #1 75/80, #2 73/80, #3 77/80, #4 76/80, #5 73/80, #6 75/80. 2) Changed oil and filter. Filter and suction screen inspection satisfactory. Installed a new AA48110-2 oil filter and 11qts Aeroshell 15w50 oil 3) Installed a new FAA/PMA SafAir P5000 oil quick drain. 4) Gapped and rotated sparkplugs. Installed 5 new REM38E spark plugs in top side of all cylinders except #3. 5) Retarded left magneto 3 degrees to correct timing to engine. 6) Installed a new SureFly SIM6L electronic ignition s/n 6L-3921010 in right magneto position. The installation is eligible under STC SE04349CH. The system was installed as per installation instructions document SF1004 Rev C. The fused power wire was connected directly to the battery side terminal of the master relay. The manifold pressure line was connected to the cylinder #5 MP port. The system was configured for variable timing with 25 degree BTDC base timing. See form 337 dated 06/18/2022. 7) Cleaned all fuel injectors. 8) C/W AD15-19-07 dated 11/03/15 by visual inspection of fuel injection lines. Found the proper number of clamps and standoffs and in good condition. Next inspection due at 5575.1 TTAF (ea 100 hrs) 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 3471007 A&P
8/10/22		5509.0		Changed oil & filter. Filter inspection satisfactory. Installed new AA48110-2 oil filter and 11 QTS Phillips X/C 20W50 oil. Timothy P. Anderson 20421777
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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
				Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, November 4, 2022, 5528.1 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48 1) Changed oil. Refilled with 10qts Phillips 20w50 XC oil. 2) Removed SureFly SIM6L electronic ignition s/n 6L-3921010 and installed a new replacement unit s/n 6L-4022023 Rev F in right magneto position. The replacement unit was configured for variable timing with 25 degree BTDC base timing, same as the removed unit. Run up satisfactory. aircraft returned to service. John Fadok 3471007 A&P
				Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, February 14, 2023, 5556.9 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48. C/W AD15-19-07 dated 11/03/15 by visual inspection of fuel injection lines. Found the proper number of clamps and standoffs and in good condition. Next inspection due at 5656.9 TTAF (ea 100 hrs) John Fadok 3471007 A&P
1/28/23		5551.0		Changed oil & filter. Filter inspection satisfactory. Installed new AA48110-2 oil filter and 11 QTS Phillips X/C 20W50 oil. Timothy P. Anderson 20421777
5/10/23		5573.7		Changed oil & filter. Filter inspection satisfactory. Installed new AA48110-2 oil filter and 11 QTS Phillips X/C 20W50 oil. Timothy P. Anderson 20421777
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				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
12/24/20			5298	Changed oil & filter. Filter inspection satisfactory. Install new AA48110-2 oil filter & 11 QTS Phillips X/C 20W50 oil. Ops & leak check satisfactory. Timothy P. Anderson 20421777
				Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, February 15, 2021, 5306.63 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48. 0542.47 hrs TSMOH 1) Leakdown #1 75/80, #2 77/80, #3 77/80, #4 78/80, #5 79/80, #6 74/80. 2) Changed oil and filter. Filter inspection satisfactory. Installed a new AA48110-2 oil filter and 11qts Phillips 20W50 oil 3) Gapped and rotated sparkplug. Retarded left magneto 3 degrees, right magneto timing satisfactory. 4) Installed a new STD208 seal in vacuum pump drive adapter. Assembled adapter with new gaskets. 5) C/W AD15-19-07 dated 11/03/15 by visual inspection of fuel injection lines. Found the proper number of clamps and standoffs and in good condition. Next inspection due at 5406.63 TTAF (ea 100 hrs) 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&P 3471007 IA
4/14/21			5330	Changed oil & filter. Filter inspection satisfactory. Install new AA48110-2 oil filter & 11 QTS Phillips X/C 20W50 oil. Ops & leak check satisfactory. Timothy P. Anderson 20421777
5/24/21			5354	Changed oil & filter. Filter inspection satisfactory. Install new AA48110-2 oil filter & 11 QTS Phillips X/C 20W50 oil. Ops & leak check satisfactory. Timothy P. Anderson 20421777
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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				TOTALS brought forward from previous page
6/28/21			662.7	Changed oil & filter. Filter inspection satisfactory. Install new AA48110-2 oil filter & 11 QTS Phillips X/C 20W50 oil. Ops & leak check satisfactory. Timothy P. Anderson 20421777
				Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, September 27, 2021, 5406.0 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48. 1) Leakdown #1 73/80, #2 75/80, #3 74/80, #4 78/80, #5 74/80, #6 76/80. 2) Changed oil and filter. Filter inspection satisfactory. Installed a new AA48110-2 oil filter and 11qts Phillips 20W50 oil 3) Gapped and rotated sparkplugs. 4) Replaced missing valve cover screw on cylinder #5. 5) C/W AD15-19-07 dated 11/03/15 by visual inspection of fuel injection lines. Found the proper number of clamps and standoffs and in good condition. Next inspection due at 5506.0 TTAF (ea 100 hrs)  John Fadok 3471007 A&P
				Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, November 13, 2021, 5427.6 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48. Changed oil and filter. Filter inspection satisfactory. Installed a new AA48110-2 oil filter and 11qts Aeroshell 15W50 oil  John Fadok 3471007 A&P
				Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191 11/29/21 N9166P PA24-260 SN:24-4654 Tach:5438.9 Removed and replaced #4 plug. Cleaned, spark-checked, gapped and rotated top left plugs and bottom right plugs. Ops checked good.  David G. Phillips A&P 3598992
				TOTALS—Carry forward to next page

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TOTALS brought forward from previous page				
Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, December 17, 2018, 5194.05 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48. 0493.72 hrs TSMOH 1) Leakdown #1 77/80, #2 78/80, #3 73/80, #4 76/80, #5 78/80, #6 74/80. 2) Changed oil and filter. Filter inspection satisfactory. Installed a new AA48110-2 oil filter and 11qts Aeroshell 15W50 oil 3) Checked sparkplug gaps. Magneto timing to engine satisfactory. 4) C/W AD15-19-07 dated 11/03/15 by visual inspection of fuel injection lines. Found the proper number of clamps and standoffs and in good condition. Next inspection due at 5294.05 TTAF (ca 100 hrs) 5) AD17-16-11 dated 08/25/17 regarding connecting rod bushings does not apply as the engine was overhauled 01/28/05 and a log book review shows no connecting rod work to date. No further action required. I certify that I have inspected this engine in accordance with an annual inspection and have determined it to be in airworthy condition. <i>John Fadok</i> John Fadok A&P 3471007 1A				
7/23/19			5220	Changed oil & filter. Filter inspection satisfactory. Install new AA48110-2 oil filter and 11 qts Phillips x/c 20W50 oil. Ops. and leak check satisfactory. <i>Smithy P. Anderson</i> 20421777
10/6/19			5249	Changed oil & filter. Filter inspection satisfactory. Install new AA48110-2 oil filter and 11 qts Phillips x/c 20W50 oil. Ops. and leak check satisfactory. <i>Smithy P. Anderson</i> 20421777
Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191 10/9/19 N9166P PA24-260 S/N: 24-4654 Tach: 5249.21 Removed, tested and reinstalled all spark plugs. Tested all spark plug leads and checked both magneto timing. Checked fuel flow at the #1 cylinder fuel nozzle, C/W AD 2015-19-07 by inspection, due again at 5349.21 or when disconnected. Cranked and ran the engine several times, operates normally. <i>Michael Everhart</i> Michael Everhart A&P3038109				
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TOTALS brought forward from previous page				
Date — Nov. 10, 2019 A/C —Piper PA 24 N9166P S/N-24-4654 Hobbs: 2552.4 ENGINE LOG ENTRY - Removed and Replaced Left Slick Magneto P/N 6393R S/N Off 04082384, S/N On H-05067 - Ran Engine, Ops Check OK - Aircraft Returned to Service at this time <i>Robert U. Pierce</i> Robert U. Pierce A&P 2657776 <i>Estimate</i> 5259 Tach				
Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, January 21, 2020, 5257.88 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48. 0493.72 hrs TSMOH 1) Leakdown #1 78/80, #2 73/80, #3 75/80, #4 76/80, #5 77/80, #6 77/80. 2) Changed oil and filter. Filter and suction screen inspection satisfactory. Installed a new AA48110-2 oil filter and 11qts Aeroshell 15W50 oil 3) Gapped and rotated sparkplug. Magneto timing to engine satisfactory. 4) C/W AD15-19-07 dated 11/03/15 by visual inspection of fuel injection lines. Found the proper number of clamps and standoffs and in good condition. Next inspection due at 5357.88 TTAF (ca 100 hrs) I certify that I have inspected this engine in accordance with an annual inspection and have determined it to be in airworthy condition. <i>John Fadok</i> John Fadok A&P 3471007 1A				
1/27/20			5279	Changed oil & filter. Filter inspection satisfactory. Install new AA48110-2 oil filter and 11 qts Phillips x/c 20W50 oil. Ops. and leak check satisfactory. <i>Smithy P. Anderson</i> 20421777
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TOTALS brought forward from previous page				
<i>Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732</i> 4/13/2016 N9166P PA24-260 Tach: 5104.93 Engine Log Removed and replaced all spark plugs with new Tempest UREM38E plugs. Ground run engine, mag check satisfactory. <i>Patrick E. Gray</i> 3518803 A&P Patrick E. Gray				
Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, August 29, 2016, 5115.39 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48. 0415.06 hrs TSMOH 1) Leakdown #1 75/80, #2 79/80, #3 76/80, #4 77/80, #5 */80, #6 77/80. *Leakdown varied between 20 and 74/80. 2) Replaced cylinder #5 with an overhauled Lycoming, standard size, nitrite cylinder p/n LW12425. Cylinder overhauled by Triad Aviation under work order 22876. 3) Changed oil and filter. Filter inspection satisfactory. Installed a new AA48110-2 oil filter and 11qts Aeroshell 100 mineral oil. 4) Checked sparkplug gaps. Magneto timing to engine satisfactory. 5) C/W AD15-19-07 dated 11/03/15 by visual inspection of fuel injection lines. Found the proper number of clamps and standoffs and in good condition. Next inspection due at 5215.39 TTAF (ea 100 hrs) I certify that I have inspected this engine in accordance with an annual inspection and have determined it to be in airworthy condition. <i>John Fadok</i> John Fadok A&P 3471007 IA				
<i>Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191</i> 10/24/16 N9166P PA24-250 S/N: 24-4654 Tach: 5126.61 Engine Log Cleaned top and bottom spark plugs on #5 cylinder, ran engine, operates normally. <i>Michael Everhart</i> A&P3038109				
4/2/17		5143		Changed oil & filter. Filter inspection satisfactory. Installed new filter (YELL4 AERO 48110) and 11 QTS Phillips X/C 20W50 oil. Ops. leak check satisfactory. <i>Dwight P. Anderson</i> 20421777
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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				
Engine Logbook Addendum N9166P, PA24-260 s/n 24-4654, October 26, 2017, 5153.16 hrs Tach/TTAF Lycoming O540-D4A5 s/n L-1394-48. 0452 83 hrs TSMOH 1) Leakdown #1 78/80, #2 76/80, #3 77/80, #4 75/80, #5 79/80, #6 75/80. 2) Installed two new p/n 15F19957-35 pushrods in cylinder #5 to bring valve clearances in spec. 3) Changed oil and filter. Filter and suction screen inspection satisfactory. Installed a new AA48110-2 oil filter and 11qts Phillips X/C 20w50 oil 4) Checked sparkplug gaps and rotated plugs. Magneto timing to engine satisfactory. 5) C/W AD15-19-07 dated 11/03/15 by visual inspection of fuel injection lines. Found the proper number of clamps and standoffs and in good condition. Next inspection due at 5215.39 TTAF (ea 100 hrs) I certify that I have inspected this engine in accordance with an annual inspection and have determined it to be in airworthy condition. <i>John Fadok</i> John Fadok A&P 3471007 IA				
6/6/18		5172		Changed oil & filter. Filter inspection satisfactory. Installed new filter, 14224 AERO 48110, and 11 QTS PHILLIPS X/C 20W50 oil. Ops. leak check satisfactory. <i>Dwight P. Anderson</i> 20421777
October 17, 2018 N9166P Piper Comanche Lycoming IO-540-D4A5 S/N: L-1394-48 Tach: 5192.1 Inspected engine and related systems per customer request following complaint of a rough running engine. 1. Pulled plugs, inspected, cleaned, and reinstalled 2. Timed RH and LH magnetos 3. Inspected fuel system: cleaned fuel injectors, cleaned fuel bowl, cleaned fuel servo inlet screen 4. Inspected the exhaust and induction air system 5. Performed a compression test, all cylinders at or above 76/80 psi 6. Operationally checked the aux. fuel pump 7. Confirmed the oil sump was properly serviced 8. All fuel and throttle and propeller controls operated normally and were not binding 9. Ran engine to perform operational check and everything operated within proper parameters After inspecting the engine and associated systems, I do not find anything abnormal or unairworthy. Ronald Joshua Perkins, A&P 3346948 <i>R. Perkins</i>				
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John Fadok A&P 3471007 LA

8/9/14	301.73	5002	Changed oil and filter. Filter inspx satisfactory. Installed new filter (VIZU AERO 4811C) and 11 QTS Aeroshell W80 : 16 OZ. CAN GUARD. Ops. : look check satisfactory. Thimothy P. Andersson 20421777
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John Fadok A&P 3471007 1A

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
	101.3	101.3	4801	TOTALS brought forward from previous page
7-15-12	48	157.3	4857	CHANGED OIL, FILTER, CLEANED BY PSS Screen 11 qts Phillips X/C Aviation 20-50 wt, Champion Aerospace 110 Filter. Engine Turn up to operation Temp - no leaks noted PPL Unit H-11 3584289
4/9/13		177.6	4877.3	c/w Annual inspection. checked timing SPEC 25°, L-25°, R-25° Removed R/H mag to inspect for corrosion. Reinstalled w/ new gasket & set @ 25°. Removed cyl #3 to inspect for corrosion & wear. None found. Reinstall IAW Lycoming service manual using new gaskets. Hot compression checks - 1) 76, 2) 77, 3) 75, 4) 76, 5) 76, 6) 76/80. Changed oil & filter. Sent oil sample to ADA in Phoenix filled oil w/ Phillips XC20W-50 & Kelly Aero 48110 filter. cut old filter to check for metal. None found. c/w AD 09-02-03 by insp. c/w AD Fuel servo plug. c/w AD 11-26-04 fuel injector line inspection. Dan Staudt AP 2844778 1A
				David Staudt Aviation PO Box 1165, 57 Helms-Meuller Rd. Saranac Lake N.Y. 12983 (518) 354-9339 AP 2844778 1A
				SUB-TOTALS this page
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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
				Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 5/17/2013 N9166P PA-24-260 Tach: 4903.82 Engine Log Adjusted throttle arm on carburetor. Removed and replaced gasket between accessory housing and Left Mag adapter P/N: 62224, and mag gasket P/N: SL12681. Re-installed Left Mag and timed to engine. Ground run engine ops check and leak check satisfactory. Patrick E. Gray 3518803 A&P Patrick E. Gray
5/22/13		206.9	4906.6	Drained oil and checked filter for contamination. None found. Installed new filter (Kelly Aero 48110 filter) and serviced with 11 qts of Aeroshell W80 plus 16 oz of CAM GUARD. Ground run engine ops check and leak check satisfactory. Timothy P. Anderson 20421777
10/16/13		235.4	4935.1	Drained oil and checked filter for contamination. None found. Installed new filter (KELLY AERO 48110) and serviced with 11 qts of AEROSHELL W80 plus 16 oz CAM GUARD. Ops and leak check satisfactory. Timothy P. Anderson 20421777
				SUB-TOTALS this page
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				TOTALS brought forward from previous page
12/1/10			4741.62	I certify that this Engine has been inspected with an Annual inspection and has been found to be in an airworthy condition. Inspected all engine controls. Serviced engine with 12 qts of Amsoil 40. cleaned screen. Checked engine timing. checked intake and exhaust system. C/W AD 08-14-07 (fuel injection line). Also oil filter was changed C448110-1. Ground run engine w/ checks noted. Comp ✓ 1. $\frac{79}{80}$ 2. $\frac{75}{80}$ 3. $\frac{75}{80}$ 4. $\frac{76}{80}$ 5. $\frac{75}{80}$ 6. $\frac{77}{80}$ 59562381 1240
3/16/11			4788.88	4749.88 Changed oil & filter. 11 qts. Phillips XC20W-50. Kelly Aero 48110-1 filter. Inspected oil filter for contaminants. None found. Ran engine. Ops - good. No leaks noted. Done Start AP 2844778 1A
10/30/11			86.23	4786.23 CHANGED OIL, FILTER & CLEANED BY PASS SCREEN, 11 qts PHILLIPS 20-50WT CHAMPION AEROSPACE 110 FILTER, ENGINO Run-up to 2000 RPM - no leaks noted. Mark Kohlhorst Plc # 3584289
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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
1/9/12		93.61	4793.94	Removed oil filter, Checked for contamination - none found, Installed new filter, Cleaned, gapped, rotated spark plugs. Installed Reiff exl. heaters. C/W AD 2008-14-07 by visual inspection of fuel injector lines (Due 4893.94) I certify that this engine has been inspected in accordance with FAR 43, App. D & was determined to be in airworthy condition. Kenneth R. W. Luter AWP 94380136
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ENGINE	Heritage Aero Inc.	TTE: 101.3
Lyc. IO-540 D4A5	1651 Grumman Dr.	TACH: 4801.66
N9166P	Rockford, IL 61109	TSMO: 101.3
SN: L-1394-48	815-395-0500	DATE: 5/2/12

Performed annual inspection using Piper PA-24 checklist as a guide. Compression #1 78 #2 78 #3 76 #4 77 #5 76 #6 76/80. Drained oil and checked filter for contamination. None found. Installed new filter P/N AA48110-2 and serviced with 11 qts of Phillips 20W50 XC oil. Cleaned, inspected and gapped spark plugs. Checked magneto timing. C/W AD 11-26-04 fuel injector line insp. C/W AD 09-02-03 fuel servo plug inspection. Plug was found loose. Removed plug and inspected servo. Installed plug with new gasket P/N 257758 and torqued to 100 in/lbs. Replaced induction air filter. Checked all fuel screens. Inspected exhaust and mufflers. Washed down engine and performed ground run and leak check. All AD's checked to 2012-08. I certify that this engine has been inspected in accordance with annual inspection and was determined to be in airworthy condition. END.

Mark Kohlhorst 3473900 1A

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JOB NO. 31269 DATED 28 JAN 05
MFG. LYCOMING MODEL 10-540-D4A5
Serial No. L-1394-48 Time in svc. _____



FAA REPAIR STATION # T10R507Y
AIRWAY DRIVE, MATTITUCK NY 11952

Authorized Signature

NEW CYL ASSYS INSTALLED AT THIS TIME

The accessories listed below were **New** or **Overhauled** as indicated in the status column and installed on the engine. Overhaul records for these overhauled accessories are in an envelope in the back of this logbook.

Item	Part No.	Serial No.	Status
RT MAG	6350	04062012	N
LI MAG	6393	04082384	N
FUEL PUMP	4W15473	NSN	N



W.O. NO. 31269 DATE 28 JAN 05

Authorized Signature

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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
		05M04		TOTALS brought forward from previous page
1-28-2005				Reinstalled Existing Serviceable Starter SN FAP80002. Operational check Satisfactory. This Engine is Airworthy + Returned to Service with respect to the work performed. WO # 31769 Foley's Multitask Services CFS T10R5071 Michael P. Russell
3-24-05	4700.33 TTAF 0 SMOH			Reinstalled Eng, in N9166P PA-24-260 Ser # 24-4654 New Alternator, new L/R EX stocks From Dowley WO# 2-145, overhauled Prop Gov. F-4-4 Ser 7424, Sensenich WO L14161 New Oil Cooler Rig all Controls, Service Eng with Mineral Oil #10W, Run up i opps ok normal I certify that this Eng. has been inspected in accordance with a Annual inspection and was determined to be in Airworthy Condition this date Russell Vain AP178523035
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TELEDYNE MATTITUCK SERVICES, INC./ Limited Piston Engine Warranty

Effective 2/5/88, Teledyne Mattituck Services, Inc., (hereinafter called "TMSI"), makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE - For a period of six (6) months after date of delivery to customer, or 240 hours of operation, whichever occurs first, TMSI shall repair or replace, at its option, any aircraft engine accessory, or part which is found to be defective, to TMSI satisfaction, within said warranty period.

For engine warranty after six (6) months from the date of delivery to customer and prior to the expiration of the original manufacturer's recommended time between overhaul ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at TMSI's option, shall be prorated in the following manner. The customer shall pay the net price for a newly rebuilt engine equal to the current list price for the engine divided by the manufacturer's recommended TBO, and then multiplied by the number of hours on the repaired or replaced engine (which shall be deemed the greater of the actual logbook hours, recorded tachometer hours or time at forty (40) hours per month from the date of delivery). Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by TMSI.

After the initial six (6) months from date of delivery or 240 hours of operation, TMSI will not assume any responsibility for the repair or replacement of engine accessories, e.g. magneto, starter, alternator, ignition harness, turbocharger, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis. TMSI will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

The repair or replacement of any part under the foregoing warranty shall not extend the periods of warranty coverage set forth above. TMSI reserves the right to change the price or specifications of any engine or part at any time.

CONDITIONS AND PROCEDURES FOR OBTAINING WARRANTY WORK - The foregoing warranty shall be effective only if the engine or component to be serviced is returned to TMSI's facility at customer's expense, together with particulars in writing of the nature of the defect. The customer or his representative should contact TMSI for verification and authorization of warranty prior to return and/or repair. Written authorization must be obtained from TMSI before repairs covered by warranty

can be performed other than by TMSI. In no event shall allowable labor costs exceed local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by logbook entries which must accompany any engine returned for warranty work. Defects must be discovered within the warranty period and TMSI must be given prompt notice thereof in writing, within ten (10) days after discovery.

LIMITATION, EXCLUSIONS, AND DISCLAIMERS - TMSI shall not assume freight charges, transportation or delivery expenses, costs, or airframe repairs, all which are excluded under this warranty. TMSI does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed, repaired or maintained or altered in any manner which, in the judgement of TMSI, has had an adverse effect on the engine or part. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine which has been repaired or altered, in any manner other than by TMSI, or its representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESSED OR IMPLIED ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OR MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. TMSI liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL TMSI BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY ON TORT OR NEGLIGENCE ON THE PART OF TMSI. The foregoing limitations and exclusion with respect to implied warranties and the exclusion of incidental or consequential damages may not apply in those states which prohibit such limitation or exclusions. This warranty gives customer specific legal rights, and the customer may have other rights which vary from state to state.



Airway Drive
Mattituck, N.Y.
Tel (631)-298-8330

Work Order No.

31269

Engine Serial No.

L-1394-48

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N9166P

Engine Manufacturer LYCOMING

Model I0-540 D4A5

Serial No. #L-1394-48

Date installed on aircraft 3-24-05

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☐ Right
☐ Front

☐ Left
☐ Rear