



The Standard

ENGINE LOG

184-SE-1

N6359P

YEAR:	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.)
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Somerset Air Service, Inc. 150 Airport Rd Bedminster, NJ 07921
Tel: (908) 722-8251 somersetshop@gmail.com

12/13/2023 N6359P Lycoming O-540-A1A5 S/n L-486-40 Tach Time: 3085 Smoh: 26.0

Compression test: 1)73/80 2)76/80 3)70/80 4)72/80 5)74/80 6)72/80.
Engine oil drained. filter removed and inspected for contaminates, none found.
Install new filter P/n AA48110. Engine oil sump screen removed, cleaned and reinstalled with a new gasket.
Serviced engine with 11 qts of Aeroshell 15w50 oil.
Cleaned gapped and rotated spark plugs. install with new gaskets.
Check magneto timing. Check fuel and oil hoses. Inspect exhaust gaskets, stacks and muffler.
Inspect intake hoses, pipes and gaskets. Ground run satisfactory.

I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition

John AP 3117495 IA

John Bartley AP3117495 IA

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
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Somerset Air Service, Inc. 150 Airport Rd Bedminster, NJ 07921 Tel: (908) 722-8251 somersetshop@gmail.com

9-18-2025 N6359P Lycoming O-540-A1A5 S/n L-486-40 Tach Time: 3103 Smoh: 44.0

Compression test: 1)74/80 2)76/80 3)72/80 4)70/80 5)70/80 6)72/80.
Engine oil drained. filter removed and inspected for contaminates, none found.
Install new filter P/n AA48110. Engine oil sump screen removed, cleaned and reinstalled with a new gasket.
Serviced engine with 11 qts of Aeroshell 15w50 oil.
Checked spark plugs, install with new gaskets.
Check magneto timing. Check fuel and oil hoses. Inspect exhaust gaskets, stacks and muffler.
Inspect intake hoses, pipes and gaskets. Ground run satisfactory.

I certify that this Engine has been inspected in accordance with a 100-hour inspection and was determined to be in an airworthy condition.

John DeCastro

John DeCastro AP 4845972

I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

John AP 3117495 IA

John Bartley AP3117495 IA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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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.)

YEAR:	RECO TACH TIME
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DATE

Somerset Air Service, Inc.

150 Airport Rd Bedminster, NJ 07921 Tel: (908) 722-8251 somersetshop@gmail.com

10/10/2021 N6359P tach 3059 smoh 1672 PA24-250 Lycoming O-540-A1C5 s/n L-486-40

Removed engine and send to Triad Aviation for overhaul.

John A AP 3117495 IA

John Bartley AP3117495 IA

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 26984

DATE 06/09/2022

MAKE LYCOMING

MODEL O-540-A1C5

S/N L-486-40

ENGINE TOTAL TIME ~~1658~~ 1672 *JB*

TSMOH 0.0

TBO 2000



Triad Aviation, Inc.
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467

John A. Bartley
Authorized Signature

06/09/2022

Date

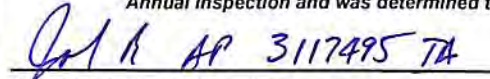
Test Ran Lycoming O-540-A1C5 Engine Serial Number L-486-40 for 2 hours 15 minutes, RPM 2700, oil pressure 79 lbs., oil temperature 185 degrees, CHT 365. Magneto check at 2100 RPM, L 120 RPM, R 120 RPM. Compression test cylinder #1 79/80 #2 79/80 #3 79/80 #4 79/80 #5 78/80 #6 79/80. This engine and/or component is approved for return to service. All pertinent details on file at this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M.

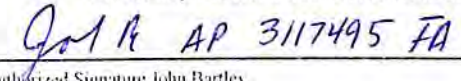
WO# 26984

Signed: *John A. Bartley* Date: 06/09/2022

YEAR: 2019	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOH		or Repair
8-20	3032		1645	<p>SOMERSET AIR SERVICE, Inc. P.O. BOX 1007 Bedminster, NJ 07921 Tel: (908) 722-8251 Fax: (908) 722-1359</p> <p>Date: 8-20-2019 S/N L-486-40 Tach: 3032 Reg # N6395P Make: Lycoming Model: O-540-A1A5 SMOH: 1645</p> <p>1 Compression test: 1)67/80 2)76/80 3)75/80 4)72/80 5)75/80 6)78/80. 2 Engine oil drained. Filter removed and inspected for contaminants, none found. 3 Install new filter p/n AA48110-2. 4 Engine oil sump screen removed, cleaned and reinstalled with a new gasket. 5 Serviced engine with 11 qts of Aeroshell 15w50 oil. 6 Cleaned gapped and rotated spark plugs. Install with new gaskets. 7 Check magneto timing. 8 CW AD 68-05-01 exhaust muffler inspection/carbon monoxide reading ok - due next 3072 tach time. Inspect exhaust gaskets, pipes and connections. Inspect intake hoses, pipes and gaskets. Inspect starter, alternator and alternator drive belt. De-greased engine and lubed engine controls. Run-up, ops and leak check OK.</p> <p>I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.</p> <p><i>John R AP 3117495 IA</i> John Bartley AP3117495 IA</p>	

YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations	air								
—	—	—	—	<p>Somerset Air Service, Inc. 150 Airport Rd Bedminster, NJ 07921 Tel: (908) 722-8251 somersetshop@gmail.com</p> <table border="1"> <tr> <td>Date: 9/17/2020</td> <td></td> <td>S/N L-486-40</td> <td>Tach: 3045</td> </tr> <tr> <td>Reg #: N6359P</td> <td>Make: LYCOMING</td> <td>Model: O-540-A1A5</td> <td>SMOH: 1658</td> </tr> </table> <p>1 COMPRESSION TEST: 1)55/80 2)74/80 3)58/80 4)65/80 5)62/80 6)72/80. 2 ENGINE OIL DRAINED. FILTER REMOVED AND INSPECTED FOR CONTAMINATES, NONE FOUND. 3 INSTALL NEW FILTER P/N CH48110-1. 4 ENGINE OIL SUMP SCREEN REMOVED, CLEANED AND REINSTALLED WITH A NEW GASKET. 5 SERVICED ENGINE WITH 11 QTS OF AEROSHELL 15W50 OIL. 6 CLEANED GAPPED AND ROTATED SPARK PLUGS. INSTALL WITH NEW GASKETS. 7 CHECK MAGNETO TIMING. 8 INSPECT AND LUBE AIRFRAME, CONTROLS, CABLES AND PULLEYS. 9 INSPECT EXHAUST GASKETS, STACKS AND MUFFLER. 10 INSPECT INTAKE HOSES, PIPES AND GASKETS. 11 GROUND RUN SATISFACTORY.</p> <p>I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.</p> <p><i>John R AP 3117495 IA</i> John Bartley AP3117495 IA</p>	Date: 9/17/2020		S/N L-486-40	Tach: 3045	Reg #: N6359P	Make: LYCOMING	Model: O-540-A1A5	SMOH: 1658	
Date: 9/17/2020		S/N L-486-40	Tach: 3045										
Reg #: N6359P	Make: LYCOMING	Model: O-540-A1A5	SMOH: 1658										

YEAR: 2014 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOH	SOMERSET AIR SERVICE, Inc. P.O. BOX 1007 Bedminster, NJ 07921 Tel: (908) 722-8251 Fax: (908) 722-1359	or Repair
7-24	2958		1571	Date: 7-24-2014 Reg # N6395P Make: Piper S/N L-486-40 Model: PA24-250 Tach: 2958 SMOH: 1571	
				Research and comply with applicable airworthiness directives. Compression test: 1)74 2)74 3)70 4)70 5)74 6)72 over 80psi. Changed oil and filter. Serviced with 10 qts of Aeroshell 15w50 oil and AA48110-2 filter. Cleaned gapped and rotated spark plugs. Install with new gaskets Inspect intake pipes, gaskets and hoses. Replace cylinder #2 intake gasket. Flush carb bowl and clean carb inlet filter. Inspect starter, alternator and alternator drive belt. Replace all oil drain back hoses Replace cylinder #2 rocker cover gasket De-greased engine and lubed engine controls. Run-up, ops and leak check OK.	
				<i>I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</i>	
				 Authorized Signature John Bartley	

YEAR: 2015 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOH	Description of Inspections, Tests, Repairs and Alterations SOMERSET AIR SERVICE, Inc. P.O. BOX 1007 Bedminster, NJ 07921 Tel: (908) 722-8251 Fax: (908) 722-1359	or Repair
7/22	2970		1583	Date: 7-22-2015 Reg # N6395P Make: Piper S/N L-486-40 Model: PA24-250 Tach: 2970 SMOH: 1583	
				Research and comply with applicable airworthiness directives. Compression test: 1)65 2)74 3)76 4)76 5)74 6)71 over 80psi. Changed oil and filter. Serviced with 10 qts of Aeroshell 15w50 oil and AA48110-2 filter. Cleaned gapped and rotated spark plugs. Install with new gaskets. Replace on spark plug dire to crack. Flush carb bowl and clean carb inlet filter Inspect starter, alternator and alternator drive belt. De-greased engine and lubed engine controls. Run-up, ops and leak check OK.	
				<i>I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</i>	
				 Authorized Signature John Bartley	

Engine Record General Information

Manufacturer LYCOMING Model O-540-A1A5

Serial L-4860-A02 Type Certificate _____

This engine is currently installed in aircraft N6395P

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours



ENGINE LOG

N 63 958

Book

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[Handwritten signature]

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
<p>SOMERSET AIR SERVICE, Inc. P.O. BOX 1007 Bedminster, NJ 07921 Tel: (908) 722-8251 Fax: (908) 722-1359</p> <hr/> <p>Date: 9-23-2008 Tach: 2835 Make: Piper PA 24-260 N#: N6395P</p> <hr/> <p>Replaced all engine baffle material with new. Repair baffling as needed. Fuel selector valve was hard to operate. Clean and lube valve. Replaced cylinder No. 5 rocker gasket due to leak.</p> <p style="font-size: 1.5em; font-family: cursive;">Jim Pru AP 3117495</p>						
CARRY TOTAL TIME TO TOP OF NEXT PAGE						

ENGINE LOG

YEAR <u>09</u>		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>				
MO.	DAY					
<u>7</u>	<u>8</u>	<p>Compression # <u>178</u> # <u>221</u> # <u>379</u> # <u>419</u> # <u>525</u> # <u>699</u> / 80 - Cleaned & Gapped SPARK PLUGS. CHECKED TIMING. Replaced OIL FILTER AND OIL - ADD 16 QTS AeroShell 15W-50. Inspected FOR OIL LEAKS. Tightened V/C SCREWS. Inspected EXHAUST SYSTEM & manifold. Replaced AIR FILTER. Run up - OK.</p>				
<p>Date <u>7-08-9</u> Tach time <u>2841.9</u> total time <u>1438.5</u> MOT+ I certify that this <u>ENGINE</u> has been inspected in accordance with <u>AeroShell</u> inspection and was determined to be in airworthy condition. <u>Jim Pru AP 3117495</u></p>						

ENGINE LOG

YEAR 2006		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
6	23	2740.00			Compression #1 #2 #3 #4 #5 #6 609/80 12835 MOH CHANGED ENGINE OIL & FILTER ADDED 9 QTS ARMO SHELL 15W50. LUBED ENGINE CONT.ROLS. Inspected EXHAUST system & mufflers. Inspected IGNITION WIRES. Cleaned & GAPPED SPARK PLUGS. CHECKED TIMING. Inspected INDUCTION SYSTEM. Replaced AIR FILTER.	
					Date 6-23-06 Tach Time 2740.00 Total Time 12835 MOH 1353	
					I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.	
					John H. McKay 2859633	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR 2007		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS								
		Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.								
MO.	DAY									
6	8	TACH 2758 TT	1301 SMOH	Compression #1 #2 #3 #4 #5 #6	178	379	523	274	479	698/80
		CHANGED ENGINE OIL & FILTER - ADDED 10 QTS ARMO SHELL 15W50. Cleaned & GAPPED SPARK PLUGS. CHECKED TIMING. LUBED ENGINE CONTROLS. Inspected INDUCTION, EXHAUST AND IGNITION SYSTEMS. Replaced AIR FILTER. Inspected muffler.								
		Date 6-8-07 Tach Time 2758		Total Time 2758		1301 SMOH		has been		
		I certify that this ENGINE inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.								
		John H. McKay 2859633								

ENGINE LOG

YEAR <u>2004</u>		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
<u>5</u>	<u>5</u>	<u>2695.92</u>		<u>2695.92</u>	Compression #1 #2 #3 #4 #5 #6 77 79 79 79 79 78/80 Checked timing, cleaned and gapped spark plugs. Replaced air filter. Changed engine oil & filter. Added 10 qts AeroShell 15W50. Inspected exhaust system. Inspected intake & ignition system. Reset idle cut off (1/4 lean).	
					Date <u>5/5/04</u> Tach Time <u>2695.92</u> Total Time <u>1238.92</u> SMOH I certify that this <u>engine</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition <u>[Signature]</u> AP301429273BA	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR <u>05</u>		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS				
		Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.				
MO.	DAY					
<u>5</u>	<u>31</u>	2719.84 TACH 1262.84 SMOH Compression #1 79 #3 79 #5 79 #2 79 #4 79 #6 79/80 Changed engine oil & filter. Add 10 qts AeroShell 15W50. Cleaned & gapped spark plugs. Checked timing. Replaced air filter. Inspected exhaust & intake & carburetor systems. Replaced loose exhaust clamp.				
		Date <u>5/31/05</u> Tach Time <u>2719.84</u> Total Time <u>1262.84</u> SMOH I certify that this <u>engine</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition <u>[Signature]</u> 28519633				

ENGINE LOG

YEAR	MO.	DAY	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
02	3	28	2629.5			Compression #1 40 #2 79 #3 79 #4 79 #5 79 #6 76 Replaced BRACKETT AIR FILTER, DRAINED OIL ADDED 10 QTS AEROSHELL 15W50, REPLACED OIL FILTER. RESET TIMING, REPLACED SPARK PLUGS & WIRING HARNESS. Inspected INTAKE, EXHAUST AND MUFFLER SYSTEMS.	
			Date <u>3/28/02</u>	Tach Time <u>2629.5</u>	Total Time <u>SMOH 1242.5</u>		
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition.							
<u>John H. McKay A390425273EA</u>							
02	11	27	2667.1			OIL & FILTER 9 QTS AEROSHELL 15W50	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR	MO.	DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS					
			Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.					
03	5	2					Compression #1 76 #2 79 #3 79 #4 79 #5 79 #6 76 / 100 LUBRO CONTROLS. Inspected EXHAUST. REPLACE EXHAUST PIPE. Cleaned & GAPPED SPARK PLUGS. CHECKED TIMING - OK Inspected IGN WIRES AND MAGS. INTAKE - OK. CHANGED ENGINE OIL - ADDED 10 QTS AEROSHELL 15W50. Replaced AIR FILTER - BRACKETT 13A-3	
			Date <u>5/2/03</u>	Tach Time <u>2675.8</u>	Total Time <u>1280.8</u>			
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition.								
<u>John H. McKay A390425273EA</u>								

ENGINE LOG

YEAR	RECORDING	TIME	TOTAL	REMARKS	SIGNATURE
MO. DAY	TACH. READING	THIS FLIGHT	TIME		
3 April 00	2503			Changed oil & Filter 10 qts 15W/50 Addily	
	SINCH 1116			Replaced #5 #3 #2 #4. Rocker Box Gaskets work Screws, Comp #1-72 #2-66 #3-74 #4-72 #5-70 #6-66	
<p>Date <u>3 APR 00</u> Total Aircraft Time <u>2503</u> verify this Engine has been inspected in accordance with a <u>100hr</u> inspection and was determined to be in airworthy condition. Signature <u>[Signature]</u> <u>1981710 IA</u></p>					
6/27/00	2551			CHANGED OIL & FILTER 10 QTS 15W/50	

ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO. DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
03 04	TACH. 2554.9 - Compression #1 79 #2 78 #3 79 #4 79 #5 79 #6 78/80 CHANGED ENGINE OIL, ADDED 10 QTS 15W/50 AEROSHELL, RESET TIMING, CLEANED & GAPPED SPARKPLUGS. INSPECTED EXHAUST, & INTAKE SYSTEM. INSTALLED NEW BRACKET AIR FILTER.
<p>Date <u>3/4/01</u> Tach Time <u>2554.9</u> Total Time <u>2554.9</u> I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition <u>[Signature]</u> <u>AP 397429273 IA</u></p>	
08 20	2600.8 CHANGED OIL & FILTER 10 QTS 15W/50

ENGINE LOG

YEAR	98		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
	MO.	DAY					
JAN	6		2411.7			Comp. CK. #1-68, #2-65, #3-68, #4-66, #5-75, #6-76	
JAN	7		1024.7			NEW SPARK PLUGS REV 40E. CHANGED OIL	
			1525.0			5 HALL AD 96-12-07 CWS 14 PWS 1 WSP.	
						CLEANED PRIMER NOZZLES REPLACED ALL EXHAUST GASKETS.	
						REPLACED BREAKER POINTS R. MCGMOT.	
						6 JAN 98. Total Aircraft Time 2411.7. I certify this	
						Engine..... has been inspected in accordance with a 100 HR Annual	
						inspection and was determined to be in airworthy	
						condition.	
						Signature <i>William T. Paulson</i> A&P No. 43246051	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR	98		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.				
	MO.	DAY					
	10	96	OIL changed 1095 Shell 15-50 / oil filter 48010 changed Tach TIME 2456.34				
			TESTED FOR LEAKS and FLOWN P.D. Zuber owner				
4 Nov	99		Comp. CK #1-72, #2-68, #3-72, #4-64, #5-64, #6-68 CHANGED OIL 15250				
			CHANGED FILTER EXHAUST STACKS LEFT AND R. BYT REWORKED BY				
			DANLEY AVIATION. REPLACED 3 FUEL HOSES BOOST PUMPS TO				
			ENGINE DRIVON. REPLACED TACH DRIVE OIL SEAL. REPLACED				
			1 SECTION SOFT HOSE.				
			Date <u>11 Nov 99</u> Total Aircraft Time <u>2470.4</u> I certify this				
			Engine..... has been inspected in accordance with a 100 HR Annual				
			inspection and was determined to be in airworthy				
			condition.				
			Signature <i>William T. Paulson</i> A&P No. 43246051 1A				

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
					Replaced accelerator pump port + reinstalled carb. Checked Leaking S.B. 518C Thermo Bypass Valve N/A this Valve. <u>END</u>	
3/96		2287		2287	Remove Vacuum Pump, Install 64's Ser. No 8511 Edo Aire pump. run engine. O.K. for return To Service (Check (15332003) AF	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR 96		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>	
MO.	DAY		
Dec	9	Cop. CK #1-70, #2-64, #3-70, #4-70, #5-72, #6-73 REPLACED MUFFLER 6 HRDOP. # 6 cyl removed for Exhaust Port REFRACING. REPLACED ENGINE VIBRATION PRODUCTS. CHANGED OIL 15W 50 SERVICE PHOTOS.	
		9 Dec 96... Total Aircraft Time 2329 I certify the ENGINE has been inspected in accordance with a... 100% AIRWORTH inspection and was determined to be in airworth condition. Signature <i>William T. Robinson</i> ... A&P No. 43296051	
18 Dec	96	Installed Barrett Air Filter JFW 1531710	

ENGINE LOG

YEAR 95		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
06	02	2246.97		010	Compression check, Cyls. #1 66 #2 72, #3 72, #4 75 #5 70 and #6 70. Drained Oil. R:R Oil Sump Basket and all Intake tube gaskets. Installed New Oil Filter & 11 qts 15W-50 Acrosnell Oil in Engine. Run-Up Leak ✓ed Good. Also had Carb Air box repaired. Subst. N. Build #: P138805740 FOR: Solberg Aviation Corp. Inc. END	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

Checked compression, #1 75/80, #2 76/80, #3 77/80, #4 76/80, #5 77/80, #6 78/80;
 Changed oil 10 qts. ~~Acrosnell 15-50~~ & changed filter/inspected-cleaned oil screen;
 Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't-
 Timing; inspected Engine-Prop-Turbocharger-Exhaust System; checked and lubed
 Engine controls; washed down engine; cleaned fuel primer nozzles-fuel injector
~~Nozzles-fuel regulator~~/carb inlet screen-drained/flushed carb bowl; dressed down
 & painted Prop; ~~cleaned~~/replaced induction air filter; engine ground runup ok

YEAR
MO. DAY

E. K. H. / 1

DATE ~~10/11/95~~ / 95 TACH 2267.6 TOOK OIL SAMPLE.

I CERTIFY THAT THIS ENGINE Engine Replaced generator cooling
 HAS BEEN INSPECTED I. A. W. AW seat hose. Replaced
Annual INSPECTION AND HAS 2 ea. top ignition
 BEEN DETERMINED TO BE IN wire grommets. Removed
 AIRWORTHY CONDITION. WO # 1009
 FOR: Eric E. Pennington NO. # AP15755540 I.A. Lt. Exhaust stack
Solberg Aviation Corp. Inc. Straighten flanges, installed
 new gaskets + hardware. Repaired 3 ex. clamps
 by welding new pins onto clamps. Installed
 rubber boot on starter term. Removed carb,

ENGINE LOG

YEAR	MO.	DAY	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
C/w AD 68-5-1 Muffler - 89-26-02 Air Filter - Replaced EGT probe - checked Carb heat bus & system - oil & filter changed - Comp test 1-76/80 2-74/80 3-77/80 4-74/80 5-75/80 6-76/80 - checked plugs - checked Eng controls Mount & lard mounts. END I certify that this Eng. has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>5-1-93</u> T. T. <u>Eng. 2185.6</u> Signed <u>Thomas Kilham</u> Lic. No. <u>AJ 1620766</u>							

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR	MO.	DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS				
			94	9	1	Tail 2217.71 hr Certified mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
Comp test 1-77/80 2-74/80 3-74/80 4-74/80 5-76/80 6-73/80 - plugs checked & cleaned 9/10 AD 94-01-03 check coils and rotating mag. Replaced coil on right mag. - Replaced Battery cable to starter - C/w AD 68-05-01 Muffler inpt. - C/w AD 84-26-02 Filter check - AD 93-18-03 DNA "V" on data plate - Reinstalled prop after OH. - test run checked controls - prop END I certify that this Eng. has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>9-1-94</u> T. T. <u>Eng. 8307.5 mag 14</u> Signed <u>Thomas Kilham</u> Lic. No. # <u>AJ 1620766</u>							

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
DATE	12/17/90	TACH.	2091		DATE 12-17-90 TACH. 2091	
I CERTIFY THAT THIS ENGINE		I CERTIFY THAT THIS ENGINE				
HAS BEEN INSPECTED I. A. W. A 100MR		HAS BEEN INSPECTED I. A. W. A ANNUEL				
AND HAS BEEN DETERMINED		INSPECTION AND HAS BEEN DETERMINED				
TO BE IN AIRWORTHY CONDITION. W.O. #		TO BE IN AIRWORTHY CONDITION. W.O. #				
AUTHORIZED SIGNATURE		AUTHORIZED SIGNATURE				
A & P		A & P				
A-PIST-9015750		Tom G. Stalrod				
TRI-STATE MAINTENANCE, KUPPER ANSPORT, N. J.		AIP521806343IA				

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR 92		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.				
MO.	DAY					
1	1	2139:7 Camp test - 1-70/80 2-70/80 3-77/80 4-68/80 5-77/80 6-68/80 - oil and filter changed Added Aeroshell 15w-50 - plugs cleaned - gapped tested - Blower MP. line - c/w H-68-5-1 mult-Alex - 84-26-02 Aeroflex - checked May timing - checked carb Hatt system - checked Eng controls - END				
		I certify that this engine... has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.				
		Date 1-1-92				
		T. I. 7.525mpt				
		Signed Thomas Johnson				
		AIP 162076				

File No. #

ENGINE LOG

YEAR <u>90</u>		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
<u>3</u>	<u>25</u>	<u>2075.5</u>			<u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN <u>AIRWORTHY</u> CONDITION. DATE <u>3-25-90</u> DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER WORK ORDER # <u>9965</u>	
					TACH. TIME <u>2075.5</u> TOTAL TIME <u>688.4</u>	
					SIGNED <u>[Signature]</u> <u>AR 11/6 7266 JA</u>	
					SOMERSET AIR SERVICE, INC, BEDMINSTER, N. J. 07921	
					<u>CHANGED ENGINE OIL & FILTER</u> <u>SERVICED WITH 10 QT 15 WSD ACROShell</u> <u>COMPRESSION ALL OK! 74/80 OR BETTER</u> <u>CLEANED, GAPPED & ROTATED SPARK PLUGS,</u> <u>REMOVED EXHAUST SHROUDS</u> <u>AND INSPECTED EXHAUST SYSTEM</u> <u>INSPECTED INTAKE SYSTEM, REPLACED</u> <u>EXHAUST CASNETS ON #2 #4 #6 (C/L TIGHTENED ROCKER BOX SCREWS)</u> <u>CHECKED MAG TIMING, RUNUP NO LEAKS FOUND</u> <u>REPLACED AIR FILTER</u>	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>
MO.	DAY	
		<p>Compress. Check #1 <u>6980</u>; #2 <u>2480</u>; #3 <u>9780</u>; #4 <u>7780</u>; #5 <u>7580</u>; #6 <u>2480</u> Changed Oil <u>Qts</u> & changed filter/inspected/cleaned oil screen; cleaned -inspected-gapped-tuned-rotated spark plugs; checked magnetos-breaker points-timing; inspected engine-prop-turbosuper-exhaust system; checked and lubed engine controls; washed down engine; cleaned fuel primer <u>nozzles</u>-fuel injector nozzles, fuel regulator/carb inlet screen-drained/flushed carb. bowl; dropped down & painted prop; cleaned/replaced induction air filter; engine ground run-up OK.</p> <p><u>REPAIRED LOOSE RIVETS ON MOFFLER SHROUD</u> <u>REPOSITIONED RT SIDE PRIMER LINES, REPLACED</u> <u>BAFFLE SEAL WHERE NEEDED</u> <u>CHANGED OIL FILTER.</u></p>

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
12	15	2035.9	TIME	SMOOTH 648.9	THIS ENGINE DISASSEMBLED CLEANED - CRANK SHAFT, CONRODS, C/W AND BEARS MAINTAINED INSP. CRANK CASE, REAR CASE AND SWAMP CYCLE INSP. CRANK-SHAFT CHAIR BOLT, CON ROD BOLTS, NUTS, CRANK-SHAFT C/W BUSHINGS AND PINS REPLACED ENG. REASSEMBLED WITH ALL NEW SEALS AND BACKET ENG. TEST RUN IN OIL 2 HRS UNBURNED OIL - AD 81-18-04-R2 C/W OIL PUMP & BEARS INSP. AND OK	
					PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR STATION MO-8317	
					<i>John W. Waller</i>	
					Authorized Signature	
					CAP AVIATION, INC.	

CARRY TOTAL TIME TO TOP OF NEXT PAGE
Reading, Pa. 19604 Repair Station 103-36

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
		I certify that this aircraft () or engine () has been inspected in accordance with an annual () or ¹⁰⁰ hour inspection and was determined to be in airworthy condition.
		Date <u>2/27/89</u> <i>Engine Reinstalled on A/c # N-6395P - Run Up + Flight Check Ford</i>
		Total time aircraft <u>2035.9</u>
		Total time engine <u>648.9 SMOOTH</u>
		<u>W002 00181</u>
		Allaire Aircraft Service, Inc.
		Cert. # <u>AVP-1374599-PA</u>
		Signature <u><i>John W. Waller</i></u>

ENGINE LOG

YEAR 87

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

MO. DAY

12 10 Annual inspection THIS DATE Compression on all
 cyl exceeded 74/80 Cold CLEAN + GAP Plugs CHANGE
 OIL + FILTER install NEW AIR FILTER CHECK TIMING
 + HEAT + MUFFERS Lub ALL FERRY, WE CONTROLS

Tach Reads 2018.15 Total Time 2018.15 400 SMOH

I certify that this aircraft and/or engine has been inspected
 in accordance with a ANNUAL inspection and was
 determined to be in Airworthy Condition.

Date 12-10-87 No. 2199336

Signature H. J. [unclear] A.T.

11/2/88 ENGINE REMOVED FOR INSPECTION PROP STRIKE

TACH 2035.9 TSMOH 648.84 WHPD NEW ATP-1774599 I A

Allaire Aircraft Service Inc.

ENGINE LOG

YEAR 86

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

TAC 1983.5

MO. DAY

10 1

CHANGE OIL + FILTER COMP CHECK

#1 $\frac{78}{80}$ #2 $\frac{77}{80}$ #3 $\frac{76}{80}$ #4 $\frac{78}{80}$ #5 $\frac{78}{80}$ #6 $\frac{76}{80}$

CLEAN GAP TEST + PAINT ALL SPARK PLUGS
 REPLACE SOLENOID TO STARTER WIRE WITH
 LO COPPER CHECK EXHAUST MUFFLE
 CHECK MAG POINTS + TIMING
 INSPECTION AS PER ANNUAL
 Howard Moore 2199336 AI

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
1/29	83			Tach 1891.3		Wot# 02235
Changed oil and Filter. added aeroshell 40 wt. Checked Compression (1) 70/80 (2) 76/80 (3) 76/80 (4) 74/80 (5) 77/80 @ 74/80. AD 78-09-07 a2 Bendix Magneto (impulse coupling insp.) C/w. Replaced CAM assy in RH Mag. Installed new cam assy P/N 10-59472(cc) and new stop pins P/N 10-56513.						
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this repair station under W.O. # <u>02235</u> Date <u>1/29/83</u> T.T. <u>1891.3</u> Signed <u>[Signature]</u> Sirocco Aviation Corp. FAA Certified Repair Station #161-8 Linden Airport, Linden, N.J. 07036						
END						

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS			
		Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.			
MO.	DAY	TACH	TIME	TIME	
6	13	1931.69			I CERTIFY THAT THIS <u>ENGINE</u> INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # <u>7645</u> ORDER # <u>1931-69</u> SIGNED <u>[Signature]</u> SOMERSET AIR SERVICE, INC. BEDMINSTER, N. J. 07921 REPAIR STATION #1708
CHANGED OIL AND FILTER REPLACED ALL SPARK PLUGS. REPLACED ALL EXHAUST GASKETS AND HARDWARE. REPLACED OIL LINES AND FUEL LINES REPLACED FUEL LINES CHECK ALL ADS AND DEGRABE ENGINE. REPLACED AIR FILTER AS PER AD 84-26-02					

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
7	17	81			Tach 1821.8 Changed oil and filter. Added AeroShell w 50 wt.	W.O.#01455
					Sirocco Aviation Corp. FAA Certified Repair Station #161-7 Linden Airport, Linden, N.J. 07036 <i>Rudolph Linden</i>	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>	
MO.	DAY		
9	11	81	Tach 1843.2 W.O.#01535 Changed oil and filter. Added AeroShell w 40 wt. Checked compression. #1- ⁷⁶ / ₈₀ , 2- ⁷⁷ / ₈₀ , 3- ⁷⁸ / ₈₀ , 4- ⁷⁷ / ₈₀ , 5- ⁷³ / ₈₀ , 6- ⁷⁷ / ₈₀ - AD78-09-07R2
			Bendix Magnetos (impulse coupling insp.) due at 1852 Tach Sparkplugs cleaned and gapped.
			I certify that this <u>Engine</u> has been inspected in accordance with <u>A Annual</u> inspection and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this repair station under W.O. # <u>01535</u> . Date <u>9-11-81</u> T.T. <u>1843.2</u> Signed <u>Rudolph Linden</u> for <u>Sirocco Aviation Corp.</u> FAA Certified Repair Station #161-7 Linden Airport, Linden, N.J. 07036
			AD81-18-04 Lya. Oil pump Due next oil or whenever the accessory seal is removed but not later than 2000 Hr

ENGINE LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

YEAR	
MO. DAY	

AUG. 19 1980

I CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORDANCE
WITH A ^{Annual} PERIODIC INSPECTION

AND HAS BEEN FOUND AIRWORTHY THIS DATE

John F. Caballero

JOHN F. CABALLERO 1 A 16085

SEE attached
sheet for details

1771:17 HOURS DATE AUG. 19 1980

Compression Test

(1) 73/80 (2) 75/80 (3) 78/80 (4) 76/80 (5) 78/80 (6) 73/80

Next Annual D/C AUG. 19 1981

ENGINE LOG

YEAR	78		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME S.M.O.	REMARKS	SIGNATURE
	MO.	DAY					
	10	18	1654:00		266:50	Change oil & replace oil filter 12 qts 20W 40 added. Gulf. Andrew H. Stettner A&P	
1979							
	4	11	1673:66		286:16	Change oil & replace oil filter 12 qts #50 AD Gulf added. Check battery & hyd. fluid Andrew H. Stettner A&P	1072746

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR	79		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS				
	MO.	DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.				
	8	9	Annual Inspection this date. Change oil & replace oil filter. New type AC OF-51A. Compression test #1-98/100 #2-75/100 #3-78/100 #4-78/100 #5-78/100 #6-78/100. Replace carb air intake filter. Install new exhaust tail pipe. Tighten up oil cooler lines "B" nuts. Clean up rust & paint where needed. Replace vacuum pump. See yellow log. Replace air hoses L & R on fresh air valves. Wash down & run up.				
			<p>✓ CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION TO BE DONE BEFORE 975 HRS.</p> <p>AD78-09-07 MAG IMPULSE</p> <p>MECHANIC'S SIGNATURE: Andrew H. Stettner</p> <p>DATE: 8-9-79</p> <p>CERTIFICATE NO. 7X-1072246</p>				
Total time			1719:89 HRS.				
Time SMO -			332:39 HRS.				
			NEXT ANNUAL 8-1980				

ENGINE LOG

YEAR	77		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
	MO.	DAY					
			1558:78		5:40	oil changed - oil filter replaced, 12 3/4 in 20W-40AD fuel added, Run up & checked, etc.	George D. Tedeschi AHP 1136503
			1568:63		181:13	oil changed - oil filter replaced, 12 3/4 in 20W-40AD, fuel pump gasket replaced, Run up check out etc.	George D. Tedeschi AHP 1131503

CARRY TOTAL TIME TO TOP

ENGINE LOG

YEAR	78		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS				
	MO.	DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.				
			7	26	Annual inspection this date. Tach reads 1622:74		
					Yins SMO - 235:24 HRS. Compression test #1 - 76/90 #2 - 78/90 #3 - 78/90 #4 - 78/90 #5 - 75/90 #6 - 75/90. Change oil & replace filter		
					Clean plugs, set gaps etc. Replace 1 spark plug. Replace #1's 24, 6 exhaust gaskets. Repair exhaust muff to rite.		
					Oil leak top near engine putting new gasket at oil cooler line. Patch carb heat box. Seal firewall holes. Install rubber boot at starter solenoid terminal. Patch front baffle left side.		
					Wash down & run up checks out.		

I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

ANDERSON AERONAUTIC CORP., DATE 7-26-78

Andrew H. Altman

CERTIFICATE NO. JA-1072746

ENGINE LOG

YEAR 76		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
5	20	1449:30		62 HRS	SINCE MAJOR OVER HAVL	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR 76		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>	
MO.	DAY		
5	20	Change oil-add 50 wt. AD oil. Change oil filter. Clean plugs & check. Clean fuel system & check. Check mag & timing. Check intake & exhaust systems. Recheck AP note 75-08-09 AMD. 37. 2470 same & OK. Tighten up oil cooler "B" nuts. Paint back of prop & remove nicks. Washdown & run up.	
I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		INOR SOLBERG AERONAUTIC CORP. DATE <u>5-20-76</u>	
Andrew H. Stettner MECHANIC'S SIGNATURE		CERTIFICATE NO. <u>TA-1073746</u>	
NEXT ANNUAL 5-1977			

ENGINE LOG

YEAR	
MO.	DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
 Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

Engine Major Overhauled By Mattituck Airbase Inc.
~~Magneto-Fuel Injection-Carburator Alternator Generator and Starter~~
 Ovh'd at this time.

Engine disassembled, cleaned and inspected in accordance with manufacturer's instruction. All steel parts magnafluxed. A description of these repairs is on file at this agency under job # 3963
 dated 7-22-75 Time in Service 1387 hours.

Signed _____

MATTITUCK AIRBASE, INC.

Repair Station 3533

NEW PARTS USED:
 AS PER MAB WO# 3963

A. D. S.

METHOD OF COMPLIANCE

ENGINE DATA

(THIS PAGE MUST BE FILLED OUT COMPLETELY)

1N/N6395P

MANUFACTURER LYCOMING MODEL 0-540-A1A5 SERIAL NO. L-486-40

DISPLACEMENT _____ OIL PRESSURE _____ OIL TEMP. MAX. _____

WEIGHT _____ RATED H. P. 250 AT _____ R.P.M. _____

OIL GRADE: SUMMER _____ WINTER _____ OIL CAPACITY 12 QTS.

FUEL MINIMUM OCTANE 91-96 FIRING ORDER _____

MAGNETO TIMING _____ MAGNETO POINT SETTING _____

SPARK PLUG GAP _____

A. S. C.
ENGINE LOG

L-486-40

Biob

MFG.

Lycoming

MODEL

O-540-A1A5

SERIAL NO.

L-486-40

FROM

TO

PUBLISHED AND
COPYRIGHT APPLIED FOR BY
AVIATION SUPPLY CORPORATION
TAMPA, FLORIDA

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

7/11/73 Tach 294 Differential check #1 $\frac{66}{80}$ #2 $\frac{73}{80}$
 #3 $\frac{74}{80}$ #4 $\frac{76}{80}$ #5 $\frac{73}{80}$ #6 $\frac{73}{80}$ Checked oil
 screen and installed new gasket. S. Probst 1333805

Oct 23, 1973 Tach 336 Installed muffler
 & RH exhaust stack rebuilt by Aero
 Fabricator. See log in aircraft log.
 George Duffin APP 1715947

REMOVED FROM N5271P 11-3-73 G.P. Schade ^{167/2}₃
 Tach 738.32

OVERHAUL — INSPECTIONS AND MAINTENANCE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

DATE

1972

TACH. 277

10-19

1. oil changed

2 comp. c.k.

65/80

68/80

65/80

62/80

70/80

60/80

I CERTIFY THAT THIS Engine HAS BEEN
 INSPECTED IN ACCORDANCE WITH Annual
 INSPECTION AND WAS DETERMINED TO
 BE IN AN AIRWORTHY CONDITION.

DATE 10-19-72 T. T. IN SERVICE 1687

SIGNATURE

Kurt Wagner# 1A1161318

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS
BEEN INSPECTED IN ACCORDANCE WITH A
ANNUAL INSPECTION AND WAS
DETERMINED TO BE AIRWORTHY.

SIG. William J. Beatz DATE 1-19-70

TOTAL TIME 1571.87 HRS. IA-1537859

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

1-19-71

DRAINED OIL - 129TS 30WAD, CLEANED & GAPPED PLUGS
 CLEANED FUEL STRAINERS, CLEANED & CHK OIL STRAINER
 CLEANED & REINSTALLED AIR FILTERS, DRAINED FCK CARB.

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS
 BEEN INSPECTED IN ACCORDANCE WITH A
100 HR INSPECTION AND WAS
 DETERMINED TO BE AIRWORTHY.

COMPRESSION OK

#1 $\frac{77}{80}$ #3 $\frac{27}{80}$

#5 $\frac{78}{80}$ #2 $\frac{78}{80}$

SIG. Glenn A. Wood DATE 1-19-71

TOTAL TIME 157187 M-1618166

#4 $\frac{78}{80}$ #6 $\frac{77}{80}$

ENGINE LOG

DATE	TIME	TOTAL TIME	TIME SINCE OVERHAUL	TIME SINCE CHECK	TIME SINCE OIL CHANGE
11/13/69					
Annual inspection complete this date -					
Differential Compression check lower cyl 80/90					
Changed oil - New shell w-to - Replaced					
both magnets - Cleaned, replaced coils, points,					
Condenser, rotors, blocks, scribe, sleeves, brushes					
and lube - Re installed + timed - Installed					
new state brushes - Replaced starter relay					
and cable from relay to starter - Installed					
new REM 190 E plugs - Replaced oil					
cooling line seals - Installed all new					
blow-proof gaskets - Installed					
TOTALS					

SIGNED

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE	COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS								
	all new - rocker cover gaskets - Replaced								
	#1 - #2 - #6 push rod seals - Installed new								
	Crankshaft oil seal - Replaced heat shield -								
	Run up ok - TACH 91' on T.T. 1065 1451								
I CERTIFY THAT THIS <u>Edo-106</u> HAS BEEN									
INSPECTED IN ACCORDANCE WITH A <u>Annual</u>									
INSPECTION AND WAS DETERMINED TO BE IN									
AN AIRWORTHY CONDITION.									
DATE <u>11/13/69</u>	TOTAL TIME <u>1065 -</u>								
	<u>1451</u>								
<table border="1"> <tr> <td>GLAZER SERVICE CO.</td> </tr> <tr> <td>PENN VALLEY AIRPORT</td> </tr> <tr> <td>SELINGROVE, PA,</td> </tr> <tr> <td>F.A.A. CERTIFIED</td> </tr> <tr> <td>REPAIR STATION</td> </tr> <tr> <td>No. 1112</td> </tr> <tr> <td>Auth. Sig <u>[Signature]</u></td> </tr> <tr> <td>W.O. # <u>0158</u></td> </tr> </table>		GLAZER SERVICE CO.	PENN VALLEY AIRPORT	SELINGROVE, PA,	F.A.A. CERTIFIED	REPAIR STATION	No. 1112	Auth. Sig <u>[Signature]</u>	W.O. # <u>0158</u>
GLAZER SERVICE CO.									
PENN VALLEY AIRPORT									
SELINGROVE, PA,									
F.A.A. CERTIFIED									
REPAIR STATION									
No. 1112									
Auth. Sig <u>[Signature]</u>									
W.O. # <u>0158</u>									

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

MAY 31, 1969

COMPRESSION CHECK

CLEANED & REGAPED

#1 $\frac{75}{80}$ #2 $\frac{74}{80}$

SPARK PLUGS & REINSTALLED

#3 $\frac{70}{80}$ #5 $\frac{70}{80}$

CHANGED OIL, FOW INSTALLED

#4 $\frac{78}{80}$ #6 $\frac{74}{80}$

SPRAY DOWN ENGINE

TACH TIME - 1388:00

WITH GULF SOLVENT.

Sigs: James A. Wood

AEE 1618166

AUGUST 16, 1969

REMOVED & REPLACED ENG. TACH (MODEL RT-7)

RED LINES INSTALLED. STATIC CHECK AT

TACH TIME - 1410.06

Sigs: James A. Wood

AEE 1618166

OVERHAUL — INSPECTIONS AND MAINTENANCE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

DATE

1968

10/2/68

oil drained + refilled with 8 qts Aero-Shell
S.A.E. #50 Ash-dispersant oil. Engine washed
down. Carb. drained + fuel screen checked
+ cleaned. All AD's checked for compliance.
Right ~~muffler~~^{Exhaust} welded by Atlantic Aviation.
Crack in muffler welded + pressure checked
by Atlantic Aviation. All Rocker Box Cover
Gaskets replaced. #1 + #5 Exhaust gaskets
replaced. Replaced clevis bolt on prop. governor.

OCT 22 1968

I certify that this ~~AVIATION~~
ENGINE
has been inspected in accordance
with a ~~100 hr.~~ ~~PERIODIC~~ ^{ANNUAL} inspection
and found to be in an air-
worthy condition.

Tach reads 1272.

ENG. T/T

Thomas A. Roman MD1374808

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

**MATTITUCK AIRBASE INC.
REPAIR STATION 3533**

**I CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORD-
ANCE WITH A Annual
INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION.**

SIGNED [Signature]

DATE 8/23/67

TOTAL TIME 1145.0

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

MATTITUCK AIRBASE INC.

REPAIR STATION 3533

I CERTIFY THAT THIS AIRCRAFT *Engine*HAS BEEN INSPECTED IN ACCORD-
ANCE WITH A *100 hr*INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION.SIGNED *R. Kroymann*DATE *Aug 12 1948*TOTAL TIME *1098* *hours*

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

MATTITUCK AIRBASE INC.

REPAIR STATION 3533

I CERTIFY THAT THIS ^{ENGINE} AIRCRAFT
 HAS BEEN INSPECTED IN ACCORD-
 ANCE WITH A Visual
 INSPECTION AND WAS DETERMINED
 TO BE IN AIRWORTHY CONDITION.

SIGNED R. KrugmanDATE Aug. 18, 1965TOTAL TIME 1021.48 Tach.WO^d 5337

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

ENGINE MAJOR CN. MAGS - P&AB. STARTER - G&W - CNL.

Engine disassembled, cleaned and inspected in accordance with manufacturer's instruction. All steel parts magnafluxed. A description of these repairs is on file at this agency under Job # 4944 dated 12/24/64. Time in Service 999.6 hours.

Signed *J.P. [Signature]* TACW

MATTITUCK AIRBASE, INC.
Repair Station 3533

NEW PARTS USED:

57 MAG 100"

SERVICE BULLETINS

Yes

A.D.'s

Yes

64-27-2

63-14-3

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

7/19/64

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

TIME SINCE MAJOR # 78.5 HRS SINCE TOP OF 16 1/2 HRS

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 HR INSPECTION & WAS DE-
TERMINED TO BE IN AIRWORTHY CONDITION AT 958.5 HRS
TOTAL TIME, ALL WORK CHECKED ON "PIPER COMMANDER"
INSPECTION REPORT THIS DATE. REMOVED #4 CYLINDER &
OVERHAULED. REPAIRED IGNITION & HARNESS # 3, 4 & 5
LEADS. ENG. TOTAL TIME 572.5 HRS

Wm. H. Herington AAV 291739

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

2-21-64 ENGINE TOP OVERHAULED IN ACCORDANCE WITH LYCOMING SPECIFICATIONS AS FOLLOWS: CYLINDERS (6) CHROME PLATED, 6 NEW PISTONS, FITTED & INSTALLED PISTON RINGS, NEW EXHAUST VALVES, NEW EXHAUST GUIDES, NEW INTAKE VALVES, NEW PISTON PIN PLUGS. CYLINDERS ASSEMBLED TO CASE USING NEW SEALS, GASKETS & HOSES. ENGINE GROUND RUN 4 HRS. A/C TEST FLOWN. JFW A.D. 63-14-3 INSPECTED OIL PUMP SHAFT.

TACH READING 942 HRS.

TOTAL TIME 556

TOTAL TIME SMOTT. 462

PERTINENT DETAILS OF THIS INSPECTION AND/OR REPAIR IS ON FILE AT THIS AGENCY UNDER:

W.O. No. 3954 DATE 2-21-64 T.T. 556

SIGNED [Signature]

(AUTHORIZED PERSONAL)

RED AIRCRAFT SERVICE, INC.

Broward County International Airport Bldg. No. 78

FORT LAUDERDALE, FLORIDA

Approved Repair Station No. 4231

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

2/8/63 Changed oil and checked oil screen. Tach reading 888 hrs. A.D. notes 61-20-2 and 62-26-3 complied with.

I certify that this ~~aircraft~~^{ENG} has been inspected in accordance with a 100 hr inspection and was determined to be in Airworthy condition.

Date

2/8/63

Signature

George Probst ACP 1323805

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

818
771
47
271
378
37

PERIODIC INSPECTION COMPLETE OIL SCREEN CHECKED, OIL CHANGED, COMP-
RESSION 1.55 2.60 3.35 4.40 5.70 6.40 SPARK PLUGS CLEANED, GAPPED AND
CHECKED GROUND RUN UP SATISFACTORY DETAIL OF THIS INSPECTION ON FILE
AERO INDUSTRIES UNDER WORK ORDER 4243 TACH TIME 818:25 HRS.

Aero Industries

AERO INDUSTRIES

I CERTIFY THAT THIS ENGINE ~~SET~~ HAS BEEN INSPECTED
IN ACCORDANCE WITH A Periodic
INSPECTION AND WAS DETERMINED TO BE IN AIR-
WORTHY CONDITION.

BYRD AIRPORT, RICHMOND, VA.
C. A. A. Approved Repair Station No. 4260
Class 1 and 3 Airframe No Limitations
Class 1 " 2 Radio

338 ~~401~~ Mrs. Smith major
432 " " New.

Date: 1-8-62 (Power Plant Limited)

Signature: Jamuel S. Smith Title

CHIEF INSPECTOR

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

7-21-61 100 HR INSPECTION COMPLETED THIS DATE COMPRESSION 1⁵⁰ 2⁶⁰
 3⁷⁰ 4⁷⁰ 5⁶⁰ 6⁷⁰ CLEANED AND GAPPED SPARK PLUGS, OIL
 SCREEN CHECKED AND OIL CHANGED A.D. NOTES TO THIS DATE C.W.
 DISCREPANCIES ON FILE AERO INDUSTRIES WORK ORDER 3483
 TACH TIME SMOH 291:49 HRS

Aero Industries

ENGINE

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED

IN ACCORDANCE WITH A 100 HR

INSPECTION AND WAS DETERMINED TO BE IN AIR-
 WORTHY CONDITION.

AERO INDUSTRIES

BYRD AIRPORT, RICHMOND, VA.

C. A. A. Approved Repair Station No. 4260

Class 1 and 3 Airframe No Limitations

Class 1 " / Radio

Date 7-21-61 (Power Plant Limited)

Signature James H. Coakley Title CHIEF INSPECTOR

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

1-17-61

PERIODIC INSPECTION COMPLETED THIS DATE
 OIL CHANGED, SCREEN CLEANED, 12 QTS 6-WWF⁴ HOUSTON OIL
 ADDED. DIRF. COMP. CHECK. 175-2 60370470570680
 AD NOTES 60-26-2 AND 60-16-4 COMPLIED WITH.

Aero Industries

I CERTIFY THAT THIS ^{ENGINE} AIRCRAFT HAS BEEN INSPECTED

IN ACCORDANCE WITH A PERIODIC

INSPECTION AND WAS DETERMINED TO BE IN AIR-

WORTHY CONDITION. TOTAL TIME: 182.9 hrs

AERO INDUSTRIES

BYRD AIRPORT, RICHMOND, VA.

C. A. A. Approved Repair Station No. 4269

Class 1 and 3 Airframe No Limitations

Class 1 " • Radio

Date 1-17-61 (Power Plant Limited)

Signature R. D. Hanson Title

CHIEF INSPECTOR

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

8-15-60

COMPLETED 100 hr INSP THIS DATE

~~OIL CHANGED~~ SCREEN CLEANED

COMPRESSION CHECK 175 270 365 470 575 675

MAG POINTS + TIMING CHECKED

SPARK PLUGS SERVICED

Aero Industries

ENGINE

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED

IN ACCORDANCE WITH A 100 hr
INSPECTION AND WAS DETERMINED TO BE IN AIR-
WORTHY CONDITION.

TOTAL TIME 104 HRS

~~105 HRS~~

AERO INDUSTRIES

BYRD AIRPORT, RICHMOND, VA.
C. A. A. Approved Repair Station No. 4260

Class 2 and 3 Airframe No Limitations

Class 1 " Radio

Date 8-15-60 (Power Plant Limited)

Signature R. L. Hays

Title
CHIEF INSPECTOR

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

12-29-59 Engine installed in Piper PA-24 N5271P
Tach reading on aircraft 480.0 hours
O.W. Troch
ad E 16069

Pertinent Details on file at this
agency on Work Order. 4263
RED AIRCRAFT SERVICE
Bldg. 78 Int'l. Airport
FORT LAUDERDALE, FLA.

OVERHAUL — INSPECTIONS AND MAINTENANCE

DATE

COMPLETE DESCRIPTION OF WORK WITH CERTIFICATIONS

7/6/59

Engine removed from Piper PA-24 VP-JBK
as engine was run for about nine minutes
with Jet fuel mixed with 91oct by mistake
92 Total hours since new -

Engine completely disassembled, cleaned & inspected.
Assembled with new rings, gaskets & harness —
Carb float part No. A-30-629 installed - AD 59-13-7
& AD 59-10-7 complied with - Engine ground run 2 hours

Pertinent Details on file at this
agency on Work Order 4193

RED AIRCRAFT SERVICE

Bldg. 78 Int'l. Airport
FORT LAUDERDALE, FLA.