

~~第 1~~ 2

 The Standard
ENGINE LOG

ASA SE-2

DATE 19__	RECORDING TACH TIME	TODAYS 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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18600 Edison Avenue
Chesterfield, MO 63005
(636) 778-4400

Airframe

Date: 11/03/2022

Registration: N8817P

Model: PA24-260

Tach: 297.3

S/N: 24-4273

Performed the following maintenance:

- 1) Removed and replaced alternator with overhauled p/n 1100717 s/n A892112 from Aerotech of Louisville, Inc CRS# PU4R453M. See FAA Form 8130-3 under WO# 133945 for details.
- 2) Removed aircraft battery and top charged. Reinstalled aircraft battery.
- 3) Performed operational check of charging system.

This aircraft identified above was inspected was repaired in accordance with the current regulations of the FAA and is approved for return to service for the work performed. Reference work order number 22-3803.

Jeremy McIntire
Jeremy McIntire A&P3684045

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Date 1-25-24 N8817P Tach 312.4 ETSOH 1444.9

I certify that this engine has been inspected IAW an annual / 100 hr. inspection as per FAR 43 appendix (d) and is considered airworthy at this time. Compressions read 80-80-80-80-80-80/80. Drain oil and remove oil filter, cut old filter open and check for contaminants, none found. Service engine with 9 Qts Phillips 20W50XC oil and 48110 oil filter. Run up, leak check OK.

Michael Tamburrino AP3184331 IA

Date 1-31-25 N8817P Tach 338.2 ETSMOH 1480.7

I certify that this engine and propeller have been inspected IAW an annual / 100 hr. inspection as per FAR 43 appendix (d) and is considered airworthy at this time. Compressions read 74-76-75-78-80-78/80. Drain oil and remove filter, cut old filter open and check for contaminants, none found. Service engine with 10 Qts Phillips 20W50XC oil and 48110 oil filter. Run up leak check OK.

Michael Tamburrino AP3184331IA

6/24/25

Gear up Landing II TAC 5273

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Lakeland Aviation of Minocqua, Inc.

Date 7-29-22 N8817P Tach 287.4

Remove existing fuel pump and install new Lycoming fuel pump part # 62B26931
serial number 2422L0163 in its place. Ops check OK

Michael Tamburrino
Michael Tamburrino AP3184331 IA

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1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: MS-571052	
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701				5. Work Order/Contract/ Invoice Number: 177670/5484196	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/ Work:
1.1	FUEL PUMP (HIGH PRESSURE)	62B26931	1	2422L0163	NEW
12. Remarks: AIRWORTHINESS APPROVAL PARTS AIRCRAFT SPRUCE AND SPECIALTY					
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved Design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. 14 CFR 43.9 Return to Service. Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: <i>John Dabbach</i>		13c. Approval/Authorization No: ODA830878NE		14b. Authorized Signature:	
13d. Name (Typed or Printed): J. DABBACK		13e. Date (dd/mm/yyyy): 30-JUN-2022		14c. Approval/Certificate No.:	
		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005					

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				4-10-14 tach 54.0 drain oil and remove filter. service engine with 10 qts Phillips XC 20w50 and a 48110 oil filter. Cut open old filter and check for contamination, none found. run up leak check ok <i>Wendell Tamm</i> AP 3184331
1/14/15	Tach 78.3	AFT 5042.4	ETSOH 1216.9	ETI 1853.4
	I certify that this engine has been inspected IAW our annual inspection as per FAR 43 App(d) and is considered airworthy at this time. Compression check 76, 74, 75, 76, 78, 72 over 80 AD compliance see AD Compliance List. <i>T. Ash</i> AP1926356 IA			

DATE 19 ____	RECORDING TACH TIME	TODAYS 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.)
				4-1-15 N8817P Tach 100.0 Drain oil and remove filter. Install new 48110 oil filter and 11 qts Phillips 20-50 oil. Cut old filter and check for metal, none found. Run up, leak check - OK <i>Wendell Tamm</i> AP 3184331
6/8/16	Tach 113.4	TIAF 5077.5	ETSOH 1251.9	ETI 1888.5
				PTSOH 1290.5
				I certify that this engine has been inspected IAW our Annual inspection as per FAR 43 app(d) and is considered Airworthy at this time. Compression check- 74, 74, 76 72, 75, 75 over 80#. <i>T. Ash</i> AP1926356 IA

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11/16/11	4886.2	hrs.	SMOH 1061.2 hrs.	changed oil & oil filter 11qts Shell 15W50. Comp test 1 74/80 2 74/80 3 72/80 4 74/80 5 72/80 6 74/80 C/W A.D. 93-02-05 Fuel injector lines & clamps C.K. OK. I certify this engine has been inspected according to a 100hr/annual inspection and was determined to be in airworthy condition. Robert J. Gehring AE1444441
12/12/12	4934.8	hrs.	SMOH 1109.3 hrs.	Comp test 1 74/80 2 72/80 3 72/80 4 68/80 5 74/80 6 74/80 changed oil & oil filter. 11qts Shell 15W50. C/W A.D. 93-02-05 Fuel injector lines & clamps C.K. OK. C/W A.D. 68-05-01 inspection of muffler shroud C.K. OK. I certify this engine has been inspected according to a 100hr/annual inspection and was determined to be in airworthy condition. Robert J. Gehring AE1444441



Rhineland Flying Service
3400 Airport Road P.O. Box 501
Rhineland, Wi. 54501 715-365-3456

N8817P Date: 5-15-2013 Tach: 4964.0 Total Time: ----- SMOH: -----

Drained oil. Replaced filter with AA48110. Cut old filter open no defects noted. Serviced with 12 Qts Aeroshell 15W50. Ground run leak check good.

Russell S. Seamans AP 2836083

Lakeland Aviation of Minocqua

01/26/14 PA24-260 N8817P Tach 11.9 TTAF 4976.0 TTE 1787 ETSMOH 1150.5

I certify that this engine has been inspected in accordance with an annual inspection as per FAR43 apdx d and is considered airworthy at this time. Oil and filter changed, installed 11 qts AS 15-50 and one 48110 filter. Filter opened and checked for contaminants, found normal. Compression 70,70,72,72,76,72 over 80. Installed new ba3 air filter. C/W AD 68-05-01 exhaust muffler, installed p/n08-07168 exhaust bolt kit, AD 11-26-04 fuel injection lines and clamps. Run-up and leak check ok. Tim Ashe AP1926356IA

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
Date 8/1/06	Indicates	4608.9 hrs. on TACH		Changed oil & oil filter 11qts I Certify this powerplant, airframe has been in- pected according to a 100 hour annual inspection and was determined to be in airworthy condition Shell 15 W 50. Comp test 1 72/80 2 75/80 3 74/80 4 79/80 5 73/80 6 72/80. Installed new engine air filter element P/N BA-3. A.D. 2006-03-08 on Vac pump D/N/A. Aero Advantage pump not installed. Robert J Gehring AI 1444441
Date 10/1/07	Indicates	4700.9 hrs. on TACH		Changed oil & oil filter 11qts Shell 15 W 50 I Certify this powerplant, airframe has been in- pected according to a 100 hour annual inspection and was determined to be in airworthy condition oil. Comp test 1 76/80 2 76/80 3 74/80 4 76/80 5 72/80 6 76/80. R.T. muffler was rebuilt by Dawley av. Installed new engine oil cooler from Niagara Thermal Products LLC. P/N 20002A S/N 207- 6371-10. Robert J Gehring AI 1444441

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				SMOH 932.2 hrs.
Date 11/1/08	Indicates	4757.2 hrs. on TACH		Changed oil & oil filter 11qts Shell 15 W 50 I Certify this powerplant, airframe has been in- pected according to a 100 hour annual inspection and was determined to be in airworthy condition Comp test 1 74/80 2 76/80 3 76/80 4 76/80 5 76/80 6 76/80. S.D. 2007-26-09 on Hartzell Propeller D/N/A. Robert J Gehring AI 1444441
Date 10/15/09	Indicates	4801.7 hrs. on TACH		SMOH 976.7 hrs. I Certify this powerplant, airframe has been in- pected according to a 100 hour annual inspection and was determined to be in airworthy condition Changed oil & oil filter 11qts Shell 15 W 50 Comp. test 1 74/80 2 74/80 3 76/80 4 74/80 5 76/80 6 74/80. Set up oil pressure. Robert J Gehring AI 1444441
9/1/10	Tach	4842.2 hrs.		SMOH 1017.2 hrs. Comp test all cyls 76/80. changed oil & oil filter 11qts Shell 15 W 50. A.D 2009- 26-12 on F.C.I. cyls D/N/A. I certify this engine has been inspected according to a 100 hr annual inspection and was determined to be in airworthy condition. Robert J Gehring AI 1444441

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				SMOH 689.5 HRS
Date <u>8/25/04</u> Indicates <u>4514.5</u> hrs. on TACH <u>Installed new set of REM 40E</u>				
I Certify this powerplant, airframe has been in- <u>sparkplugs. Comp test 1 7/6/80 2 7/6/80</u>				
spected according to a 100 hour annual inspection <u>3 7/4/80 4 7/4/80 5 7/4/80 6 7/6/80.</u>				
and was determined to be in airworthy condition <u>Robert J. Gehring AI1444441</u>				
Date <u>9/16/05</u> Indicates <u>4525.3</u> hrs. on TACH <u>SMOH 750.3 HRS.</u>				
I Certify this powerplant, airframe has been in- <u>changed oil & oil filter 11 qts Shell</u>				
spected according to a 100 hour annual inspection <u>15W50. Comp test 1 7/6/80 2 7/5/80 3 7/6/80</u>				
and was determined to be in airworthy condition <u>4 7/2/80 5 7/6/80 6 7/2/80. 1 new Rocker</u>				
<u>cover Sashet #2 cyl.</u>				
<u>Robert J. Gehring AI1444441</u>				

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				ENGINE LOG ENTRY N8817P
Date: 1-12-05				
Tach: 4551.3				
Drained oil and removed filter for inspection. Normal. Installed new CH48110-1 filter and added 12 quarts 15W50 oil. Run up leak check ok all IAW Piper 24-260 maintenance manual 2-75 thru 2-80.				
The aircraft and/or components identified hereon were repaired and inspected in accordance with the current Federal Air Regulation and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. 26136				
Date: 1-12-05				
Signed: <u>JW</u>				
Superior Aviation				
250 Riverhills Road				
Kingsford, MI 49802				
Repair Station No. EATR437D				

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				SMOH 502.HRS Date 8/9/02 Indicates 4328.4 hrs. on TACH I Certify this powerplant, airframe has been in- spected according to a 100 hour annual inspection and was determined to be in airworthy condition Comp test 1 73/80 2 74/80 3 75/80 4 74/80 5 74/80 6 74/80 See A.D. List. Robert J Gehring AE1444441
11/21/02	Tach 4362.75			C/W A.D. 2002-23-06 and Lycoming S.B #554 by installing Lycoming Gear Bolt replacement Kit P/N 05K19987. Robert J Gehring AE1444441
11/21/02	Tach 4362.25			Changed oil & oil filter 11qts Shell 15W50. Robert J Gehring AE1444441

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				Date 5/10/03 Indicates 4413.2 hrs. on TACH I Certify this powerplant, airframe has been in- spected according to a 100 hour annual inspection and was determined to be in airworthy condition Comp test 1 74/80 2 73/80 3 75/80 4 74/80 5 74/80 6 74/80. Removed Alternator & sent to R L B Accessory for Repair. Reinstalled Alternator. Installed new Eng. Heater Pump Pad from EZ Heat Model 441. Robert J Gehring AE1444441
11/19/03	Tach 4462.72			Changed oil & oil filter 11qts Aeroshell 15W50. Robert J Gehring AE1444441
6/14/04	Tach 4513.5			Changed oil & oil filter 10qts Aeroshell 15W50. Reinstalled alternator after repair & test by R L B Accessory. Test run Engine C.K. OK. Robert J Gehring AE1444441

DATE 2001	RECORDING TACH TIME	TODAYS 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.)
				SMOH 423 HRS
				Date 7/26/01 Indicates 4248.8 hrs. on TACH Changed oil & oil filter 11 qts Shell 15W50. Comp test 175/80 274/80 374/80 474/80 574/80. C/W A.D 93-02-05
				I Certify this powerplant, airframe has been Inspected according to a 100-hour annual inspection and was determined to be in airworthy condition
				Fuel injector lines & clamps C.K. OK.
				A.D. 96-09-10 on oil pump gears, shaft & housing C/W 11-4-97 at overhaul.
				Robert J Gehring A21444441

DATE 19	RECORDING TACH TIME	TODAYS 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.)
		1/3/02	N8817P	Tach: 4304.94
				Changed oil & oil filter. 11 qts. Aeroshell 15W50. Washed down engine.
				Robert J Gehring Robert J. Gehring AI 1444441

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
				Date 7/1/99 Indicates 3973.34 hrs. on TACH I Certify this powerplant, airframe has been inspected according to a 100-hour annual inspection and was determined to be in airworthy condition Changed oil & oil filter 11 qts Shell 15W50. Oil filter OK OK. no metal found. Comp test 1 76/80 2 75/80 3 75/80 4 75/80 5 76/80 6 74/80 New Air filter Element BA-104. Reinstalled Fuel Servo after repair & testing by RLB Accessory. Cleaned fuel nozzles & fuel lines. Robert J Gehring AI 1444441
				6/4/00 Jack 4078.56 Changed oil & oil filter CH 48110. Oil Shell 15W50. Robert J Gehring AI 1444441
				Date 8/15/00 Indicates 4137.15 hrs. on TACH I Certify this powerplant, airframe has been inspected according to a 100-hour annual inspection and was determined to be in airworthy condition Changed oil & oil filter 11 qts Shell 15W50. Comp test 1 75/80 2 73/80 3 75/80 4 73/80 5 72/80 6 74/80. Removed Ex. system & sent in for repair. Reinstalled Exhaust system after O/H from Dawley Aviation. 2 O/H exhaust (Cont)

DATE 19__	RECORDING TACH TIME	FLIGHT	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.)
				stacks, 2 O/H Mufflers, 1 new exhaust. 6 new blow proof Baskets. New Air filter element BA-3. Installed repaired Alternator from RLB Accessory. Robert J Gehring AI 1444441
				11/4/00 Jack 4193.57 Changed oil + oil filter 11 qts Shell 15W50 Robert J Gehring AI 1444441
				12/16/00 Jack 4204.51 Removed Starter and sent in for Repair. Reinstalled Starter from RLB Accessory. New Bendix drive EBB-131A, Washer Kit, Pin & Hardware Kit. Starter was repaired & tested. Robert J Gehring AI 1444441

19

RECOMMENDED
TACH
TIMETODAY'S
FLIGHTTOTAL
TIME IN
SERVICEDescription 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.)

3/27/99 3871.7 I rebuilt Engine that had as per Mfg instructions.
 Changed oil & filter serviced with 11 qts
 15W50 filter #CA 48110 leak checked OK.
 Complied with ~~the following instructions~~ Service letter
 #1492A - inspect oil filter for excess metal - found OK
 Next due @ 3821 Tach. Tach Bln AP1926356

5/11/99 3927.8 R+R vacuum pump 211cc Ser. # 81868
 Tach Bln AP1926356

PA-24-260

Lycoming 10-540D4A5

AS-TAC

3532.5

TTS MOH 7.5 hrs.

Annual inspection completed this date per Piper & Lycoming Service Manual - differential compression check performed #1 - 72 / #2 - 74 / #3 - 74 / #5 - 73 / #6 - 74 - added 12 quarts Aeroshell 50 wt. mineral oil - replaced CH48110 oil filter (no metal found) - dressed propeller - checked all engine controls for proper operation & travel - engine ran up & washed down - no leaks found.

I certify this engine has undergone an annual inspection and deemed airworthy this date.

Steven A. 4/PTA 452119733

July 15, 1998

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 <u>97</u>				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Engine Airworthiness Directive Status

95-26-02	Improper fuel	N/A by Registration
96-09-10C	Oil pump	CW IAW SB 524
96-23-03	Fuel pump	N/A by manufacturers code
97-15-11	Piston pin	N/A new Air Tech pins installed

Poplar Grove Airmotive, Inc.
Poplar Grove Airport, Poplar Grove, IL
FAA Approved Repair Station #YYBR664L

Work Order# 3403 Date 11-4-97
Brian H. Bradford
 Signed for Poplar Grove Airmotive, Inc.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 97				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MAKE	Lycoming	MODEL	IO-540-D4A5	S/N	L-22614-48
Total Time	635.78	Hours	Time Since Major Overhaul	-0-	Hours
This engine was disassembled, cleaned, inspected and reassembled with necessary new parts in accordance with a major overhaul as per the manufacturer's current overhaul manual 60294-7 New tolerances and clearances were maintained. A detailed parts list is on file at this agency. The following accessories were overhauled or exchanged. See maintenance releases in this log book.					
Installed new Superior camshaft P/N SL19340, S/N 54-1537. Installed new fuel pump P/N 154739703. Installed new Slick harness P/N M2121. Installed Bendix magnetos, left P/N 10-163010-10, S/N B001257, right P/N 10-163050-9, S/N B006962, overhauled by Aircraft Systems Inc. Installed Bendix servo P/N 2524054-10, S/N 84180049, overhauled by D&G Supply. Installed Bendix flow divider P/N 2524222-2, S/N AC280, overhauled by D&G Supply. Installed Prestolite starter P/N MZ4222, S/N 4M000251, overhauled by Aircraft Systems Inc.					
All applicable airworthiness directives and related factory publications have been checked for compliance at this date. See list in this log book. This engine was test run in an FAA approved test cell and meets specifications. The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of repair are on file at this repair station under:					
815-544-3471					
Poplar Grove Airmotive, Inc.		Work Order#		3403	Date
Poplar Grove Airport, Poplar Grove, IL					11-4-97
FAA Approved Repair Station #YYBR664L					
				Signed for Poplar Grove Airmotive, Inc.	

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Engine Airworthiness Directive Status		
63-14-03	Oil pump shaft	N/A to installed shaft
66-20-04	Gasket	N/A by P/N
67-22-06	Fuel diaphragm	N/A by servo P/N
73-23-01R4	Piston pin	N/A new pins installed
75-08-09R3	Oil pump	PCW IAW SB 385C
75-09-15	Flow divider	N/A by flow divider P/N
78-23-10	Fuel servo	N/A by servo P/N
79-04-05	Fuel servo	N/A by servo P/N
87-10-06R1	Rocker arm	N/A by P/N
91-08-07C	Fuel pump vent	N/A by engine model
91-14-22	Crankshaft gear bolt	CW IAW SB 475A
92-12-05	Piston pin	N/A new pins installed
93-02-05	Fuel lines	CW IAW SB 342B
93-11-11	Fuel pump	N/A new fuel pump installed
95-07-01	Rod bolt	CW IAW para. (e).
Poplar Grove Airmotive, Inc.		Work Order#
Poplar Grove Airport, Poplar Grove, IL		3403
FAA Approved Repair Station #YYBR664L		Date
		11-4-97
		Signed for Poplar Grove Airmotive, Inc.

Engine Record General Information

Manufacturer Lycoming

Model I0-540-D4A5

Serial L-22614-48

Type Certificate _____

This engine is currently installed in aircraft: _____

Minimum Octane Fuel _____

Oil Grade Summer _____

Winter _____

Magneto Time _____

Point Setting _____

Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

model I0540 D4A5	Date 11-4-97
Serial# L-22614-48	

AVCO LYCOMING

ENGINE LOG

IO 540 D4 AS #1
SN# L 22614-48
JAN 16, 1985 —
JAN 10, 1997

 **AVCO** LYCOMING DIVISION

WILLIAMSPORT, PENNSYLVANIA 17701

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			OVERHAULED BY WHIRLWIND PROPELLER, SEE YELLOW TAG AT BACK OF A/C LOG - ENGINE WASHED DOWN - ENGINE RAN UP AND CHECKED FOR LEAKS - NONE FOUND - I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DEEMED AIRWORTHY THIS DATE - END		
			I certify this engine has been inspected TACW annual inspection and found airworthy at this time. Alma A/PIA 452119933		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
01/10/97			TSMOH 626.0		
Completed annual inspection this date on Lycoming FO-540 serial #L-22614-8 per service manual. Performed differential compression test #1 - 70 #2 - 71 #3 - 70 #4 - 71 #5 - 72 #6-76. Changed oil & filter. Added 11 qts. Aeroshell 15-50. One Rem 40 plug. Cleaned Y gapped spark plugs. Installed new Verna Term serial #75944. Checked timing. Checked engine controls for proper operation. Replaced exhaust tail pipe hangars. Reinstalled left exhaust side overhauled by Aero Fabricators (see yellow tags). Installed new crankshaft seal. Reinstalled propeller removed for reseal from Midwest Prop (see yellow tag). Replaced air filter with new. Engine ran up - no leaks. I certify this engine has been inspected in accordance with an annual inspection and is determined airworthy this date. <i>Almeida</i> A/P I A 452 119733					
Total to Date					

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
01-13-95	37	24	HRS. TACH + TOTAL, T.S.M.O.H. 585.24		
			PROP. T.S.M.O.H. 585.24		
			1) DIFF: 1) 70 2) 70 3) 69 4) 69 5) 70 6) 71		
			2) #s 2, 3 & 4 R/B COVERS, RESEALED.		
			I HAVE INSP. THIS XXXX ENG. IN ACCORD. W/AN ANNUAL		
			XXXX INSP. & HAVE DETERMINED IT TO BE IN AIR-		
			WORTHY CONDITION AT THIS TIME.		
			<i>Alan C. Heinze</i>		
			ALAN C. HEINZE		
			A&P 1910420 I.A.		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
10-1-95			TACH 3787.06 TSMOH 590.06		
			COMPLETED AN ANNUAL INSPECTION THIS DATE ON LYCOMING IO-540		
			SERIAL # L-22614-48 PER LYCOMING SERVICE MANUAL - PERFORMED		
			DIFFERENTIAL COMPRESSION TEST #1-72 #2-70 #3 71 #4 72		
			#5 70 #6 74 - REPLACED FIVE FUEL & OIL HOSES - CRANKED		
			OIL & FILTER; CRK FILTER NO METAL FOUND - CLEANED SCREENS -		
			ADDED 10 QUARTS AEROSHELL 15-50 WT - CLEANED & GAPPED		
			SPARK PLUGS - TIMED WALS - REPAIRED EXHAUST BRACKET -		
			REPLACED STARTER CABLE W/ #2 COPPER WIRE - REPAIRED		
			FUEL FLOW LINES - REINSTALLED PROPELLER SER #CH28899		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement (CONTD) of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			accordance with an annual inspection and have found it to be in airworthy condition at this time. <i>Alan C. Feinze</i> 19104201A		
12-11-92	36	92.82	T.T. 501.82 T.S.M.O.H.		
			1) DIFF: 1) 74 2) 72 3) 72 4) 72 5) 75 6) 74		
			2) REPAIRED E.G.T. PROBE.		
			3) TIGHTENED ALL P/O COVERS.		
			I HAVE INSP. THIS ^{ENG} IN ACCORD. W/AN ANNUAL INSP.		
			I HAVE DETERMINED IT TO BE IN AIRWORTHY CONDITION		
AT THIS TIME	Page Total		All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
<i>Alan C. Feinze</i> 19104201A	Brought Forward				
	Total to Date				

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
11-08-93			TACH: 3736.82 HRS. 545.0 HRS. T.S.M.O.H.		
			1) DIFF: 1) 70 2) 70 3) 73 4) 74 5) 70 6) 70		
			2) SENT OUT LT. MUFFLER FOR REPAIR.		
			3) REPLACED #2 CYL INJ. LINE,		
			4) REPAIRED #1 BOTTOM CYL IGN. LEAD,		
			5) CHGD OIL FILTER ONLY, RUNNING MOBILE #1		
			I HAVE INSP. THIS ENG - ENG. IN ACCORD. W/AN ANNUAL		
			ENG INSP. & HAVE DETERMINED IT TO BE IN AIR- WORTHY CONDITION AT THIS TIME.		
			<i>Alan C. Feinze</i>		
			ALAN C. FEINZE		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			I HAVE INSP. THIS ENG. IN ACCORD. W/AN ANNUAL INSP. & HAVE DETERMINED IT TO BE IN AIRWORTHY CONDITION AT THIS TIME.		
			<i>Alan G. King</i> AIP 19104201A		
10-22-90	35	40	TT. 394.40 T.S.M.O.H.		
			1.) DIFF: "72 "72 "72 "72 "72 "74 "73		
			2.) RESEALED #S 2+4 ROCKER COVERS		
			3.) " #S 5+6 OIL RET. LINES LEAK.		
			4.) SECURED #2 OIL RETURN LINE		
			5.) REPAIRED L.T. MAG. P-LEAD.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			I HAVE INSP. THIS ENG. IN ACCORD. W/AN ANNUAL INSP. & HAVE DETERMINED IT TO BE IN AIRWORTHY COND. AT THIS TIME.		
			<i>Alan G. King</i> 19104201A.		
11/11/91	36	54	T.S.M.O.H. 463.54		
			1.) Diff. 1) 69 2) 71 3) 70 4) 71 5) 71 6) 72		
			2.) Resealed Mags and retimed		
			3.) Repaired left exhaust cluster		
			4.) Repaired forward outboard exhaust stud		
			5.) Installed overhauled flow divider SA AC290		
			I have inspected this eng. in		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
10-01-87	TACH 3406		Removed, cleaned and reinstalled Fuel Injector nozzles. Cleaned SERVO BINDER SCREEN and cleaned fuel pump SCREENS. GRND RAN ENG. ok. <u>Ben E. Jett</u> IA264111567		
06-23-88	3448.89	TACH.	259.89 ENG. HRS. 9/NEW		
			1) DIFF: 1) 71 2) 67 3) 72 4) 74 5) 70 6) 73		
			2) RESEAL #3 R/B COVER		
			3) " #5 4, 5+6, R/B DRAIN FITTINGS.		
			4) REPAIRED PROP. CONTROL		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			5) SECURED RT. MAG. BLAST TUBE.		
			6) " LOOSE ENG BAFFLE SEALS.		
			I HAVE INSP. THIS ENG. IN ACCORD. W/AN ANNUAL INSP. + HAVE DETERMINED IT TO BE IN AIRWORTHY CONDITION AT THIS TIME. <u>Alvin J. King</u> AIP19104201A		
11-27-89	3627.74		1) DIFF: 1) 72 2) 70 3) 72 4) 70 5) 70 6) 68		
			2) #5 5+6 R/B GASKET LEAKS.		
			3) 9/68-05-01 EXHAUST INSP.		
			4) SECURED BAFFLE SEAL, AS NEEL.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

[illegible]

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
05-15-87			3363.26 TAKH. 174.26 TISM.O.H. 1) DIFF! 1.) 73 2.) 74 3.) 76 4.) 74 5.) 76 6.) 78 2) ADD. ALT. BELT. 3) SECURE LT. & RT. 16N. HARNESSSES. 4) INST. STAND-OFF ON INTAKE SCAT TUBE, LT. SIDE. 6) REPAIR OIL LEAK #4 R/B DRAIN FITTING. I HAVE INSP. THIS ENG. IN ACCORD W/AN ANNUAL INSP. & HAVE DETERMINED IT TO BE IN AIRWORTHY CONDITION AT THIS TIME. <i>Alan C. King</i> ACP19104201A		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE- REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3/8/85			- This eng. installed in N8817P , Piper PA 24-260 S/N 24-4223		
			- Ground run-up & check for leaks all 'ok'		
				Perry J. Hendrickson - 360503548	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
12/11/85			REAMED & INSPECTED VALVE GUIDES AS PER LYCOMING S.I. # 1425. REMOVED FUEL INJECTOR SERVO & REINSTALLED AFTER REPAIR. SEE MAINTENANCE RECORDS.		
			TACH: 3243.24	Glenn Thompson	
				A&P 1343477	
				FOR: TECHNICAL AUTOMOTIVE	
				JANESVILLE, WIS.	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured, run-in and tested as prescribed by **AVCO LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required.

MODEL IO-540-D4A5 SERIAL NO. L-22614-48

DATE January 16, 1985 P.L. Stryker

(AUTHORIZED REPRESENTATIVE)

AVCO LYCOMING WILLIAMSPORT DIVISION
WILLIAMSPORT, PENNSYLVANIA 17701

FORM NO. 777-B

ENGINE DESCRIPTION

Mfgr. AVCO LYCOMING DIVISION	Place	WILLIAMSPORT, PA. 17701	Date
Type <u>horiz. opposed</u>	Model <u>IO 540 D4A5</u>	Serial No. <u>L-22614-48</u>	
Rated H.P. <u>260</u>	Max. H.P.	Weight (Dry)	
Rated R.P.M.	Max. R.P.M.	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio		
Reduction Gear Ratio		Hub Serial No.	
Propeller	Hub Design	Blade Serial No.	
Blade Design	Blade Serial No.	Max. Blade H.P.	
Max. Hub H.P.		Length	
Pitch	Diameter		
Name			
Address			

 **AVCO** LYCOMING DIVISION
WILLIAMSPORT, PA. 17701

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF Avco Lycoming

MAKE

MODEL

SERIAL

FROM _____ 19 ____ TO _____ 19 ____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP 1872

June 1972