

ENGINE LOGBOOK

AIRCRAFT SERIAL NUMBER: 24-4284

ENGINE SERIAL NUMBER: L-1727-48

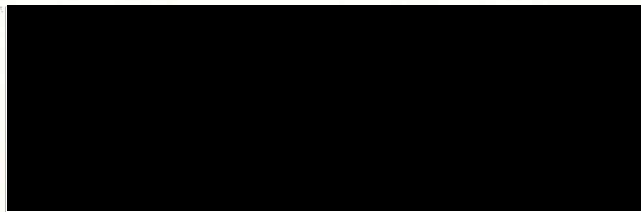
LYCOMING IO-540-D4A5

1965 Piper Comanche 260

PA-24-260

TEXTRON Lycoming

ENGINE LOG



SSP 1872

TEXTRON Lycoming

Williamsport Plant
Textron Lycoming/Subsidiary of Textron Inc.

Williamsport, PA 17701 U.S.A.

This engine has been overhauled in accordance with Textron Lycoming Overhaul Manual 60294- 7 . All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service.

Engine Model: IO-540-D4A5
Serial #: L-1727-48
Date: 4-7-88
Total Time: 4652.

Signed

TEXTRON Lycoming

Williamsport Plant
Textron Lycoming/Subsidiary of Textron Inc.

Williamsport, PA 17701 U.S.A.

FAA Repair Station:

Avco Lycoming **TEXTRON**

Williamsport Division

Avco Lycoming/Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701
717/323-6181

ENGINE SERIAL NUMBER

L-1727-48

IN SERVICE DATE

062088

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD



The Standard

ENGINE LOG

ASA-SE-1

Engine Record General InformationManufacturer Textron Lycoming Model IO-540-D4A5Serial L-1727-48 Type Certificate _____This engine is currently installed in aircraft N 8828P

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magnetos Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-25	3401.5			Removed ORIGINAL LW-18265 Fuel injectors
SMDH	1686.47			INSTALLED GAMI INJECTORS KIT # GL10
				S/N 16901 PER STC SE09445SC Refer To 337.
10/22	3411.15			CHANGED oil & oil filter, SERVICED WITH 11 QTS
SMDH				66 A100AD, INSPECTED OLD oil SCREEN & filter
				FOR METAL, NOW FOUND.

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 other specific entries.)
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Date: 2009 Nov 1 FAA Reg: N-8828P
Tach Time: 3525.4 Hrs Afrm T/T: 6522.3 Hrs
Eng TSOH: 1810.4 Hrs Eng T/T: 6522.3 Hrs
Prp TSOH: 1494.0 Hrs Prop T/T: 1494.0 Hrs

This Air Vehicle REPT-OPPOSED Powerplant was inspected as defined under Title 14 CFR - Parts 91 & 43, along with other applicable FARs, manufactures maintenance manuals, charts and check-lists. Mags, Plugs & Harness were inspected. AC 43.13 - 1B; Chap. 8; Para. 8 - 14: as a required Compression Check:

#1 76/80; #3 71/80; #5 79/80; #7 1/80; #9 1/80

#2 76/80; #4 78/80; #6 76/80; #8 1/80; #10 1/80

also added: 11 Qts ARCO SHELL 100 ^{SAFES} Oil.

I CERTIFY THAT THIS POWERPLANT WAS INSPECTED IN ACCORDANCE WITH REQUIREMENTS OF AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME AND DATE AND RETURNED TO SERVICE:

Charles L. "Roy" Downing - I/A A & [REDACTED]

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 specific entries.)
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Date: 2010 DEC 18 FAA Reg: N-8828P
Tach Time: 3532.1 Hrs Afrm T/T: 6524.0 Hrs
Eng TSOH: 1817.1 Hrs Eng T/T: 6529.0 Hrs
Prp TSOH: 1500.7 Hrs Prop T/T: 1500.7 Hrs

This Air Vehicle RECIP - OPPOSED Powerplant was inspected as defined under Title 14 CFR - Parts 91 & 43, along with other applicable FARs, manufactures maintenance manuals, charts and check-lists. Mags, Plugs & Harness were inspected. AC 43.13 - 1B; Chap. 8; Para. 8 - 14: as a required Compression Check:

#1 76/80; #3 76/80; #5 78/80; #7 1/80; #9 1/80

#2 78/80; #4 77/80; #6 79/80; #8 1/80; #10 1/80

also added: Qts Oil.

I CERTIFY THAT THIS POWERPLANT WAS INSPECTED IN ACCORDANCE WITH REQUIREMENTS OF AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME AND DATE AND RETURNED TO SERVICE:

Charles L. "Roy" Downing - I/A A & P [REDACTED]

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description Entries n Facility. (
				Date: 201 <u>4 APR 13</u> Tach Time: <u>3540.3</u> Hrs Eng TSOH: <u>26.9</u> Hrs Prp TSOH: <u>1508.9</u> Hrs FAA Reg: N- <u>8828P</u> Afrn T/T: <u>6537.2</u> Hrs Eng T/T: <u>6537.2</u> Hrs Prop T/T: <u>1508.9</u> Hrs *****

3 OCT 17
No Logbook entries re-
lated to the engine
overhaul. Time SMOH
29.9 hrs. does not agree
with last 2 logbook
entries,

Engine SN same before
after overhaul.
Used on other aircraft??

This Air Vehicle OPPOSED-REPT Powerplant was
inspected as defined under Title 14 CFR - Parts 91 & 43, along with
other applicable FARs, manufactures maintenance manuals, charts
and check-lists. Mags, Plugs & Harness were inspected. AC 43.13
- 1B; Chap. 8; Para. 8 - 14: as a required Compression Check:
#1 76/80; #3 76/80; #5 78/80; #7 78/80; #9 78/80
#2 78/80; #4 77/80; #6 79/80; #8 79/80;
also added: 12 Qts ARCO Shell 100+ Oil.

**I CERTIFY THAT THIS POWERPLANT WAS INSPECTED
IN ACCORDANCE WITH REQUIREMENTS OF AN ANNUAL INSPECTION
AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION
AT THIS TIME AND DATE AND RETURNED TO SERVICE:**

Charles L. "Roy" Downing - I/A A & P

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N8828P - Engine Log Owner: Lycoming IO-540-D4A5 Date: 7/5/2019 Ser# L-1727-48 Ser # 24-4284 Tach Time: 3559.27 TSMOH = 1904.17 Description of work: 1. Cleaned, gapped and tested spark plugs. Checked ignition timing. 2. Checked Engine compressions: #1 80/80, #2 70/80, #3 71/80, #4 74/80, #5 75/80, #6 75/80. 3. Installed 6 ea. New Valve Cover gaskets PN#(RG-75906) 4. Installed 6 ea. New Intake Hoses PN#(69603) 5. Installed 1 New CHT probe PN#3080-38 on #5 Cylinder. Operational checked good. Complied with AD 15-19-07 External Fuel Injector Lines. Updated AD compliance list, current through 7/5/2019. Completed 100 hour inspection this date in accordance to with FAR 43, Appendix D and approved maintenance/service manual check list. Checked operation of all systems and found to be ok. I certify that this Engine has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition. Byron R Elley & P/IA

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	N8828P – Engine Log	PA-24-260	Ser # 24-4284	
	Owner:	Lycoming IO-540-D4A5	Tach Time: 3559.27	
	Date: 7/5/2019	Ser# L-1727-48	TSMOH = 1904.17	
	Description of work: 1. Serviced engine with 10 quarts Phillips XC 20W50 oil and new oil filter Tempest 48110-2, cut open and inspected old filter for metal-none present.			
	Byron R Elley [REDACTED] &P/IA [REDACTED]			

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	N8828P: Engine Log	Aircraft Type: PA-24-260	Ser # L-1727-48	
	Owner: Jay Tevis	Engine Type: IO-540-D4A5	Tach Time: 3570.84	
	Date: 7/21/2020	Engine Total Time:	TSMOH = 1,915.74	
	Description of work: Removed engine cowling. Removed old starter. Installed new Sky-tec starter P/N 149-NL. Removed, cleaned, and gapped spark plugs. Reinstalled and torqued spark plugs. Engine oil change not due at this time. Verified correct magneto timing. Performed engine cylinder compression test: #1 68/80 #2 75/80 #3 72/80 #4 79/80 #5 80/80 #6 72/80 Completed annual inspection on this date in accordance with FAR 43 "D" and Lycoming maintenance/service manual check list. Checked AD's, current through 7/21/2020 see attached list. Checked operation of all systems and found to be OK. I certify that this engine has been inspected in accordance with annual inspection and found to be airworthy on this date. Samuel Hayworth A&P [REDACTED] [REDACTED]			

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	N8828P: Engine Log			Aircraft Type: PA 24-260 Ser # L-1727-48
	Owner: Jay Tevis			Engine Type: IO-540-D4A5 Tach Time: 3592.85
	Date: 08/09/2021			Engine Total Time: TSMOH = 1,937.75
	Description of work: Performed engine run up prior to inspection. Drained engine oil and removed engine oil filter. Serviced engine with 10qts of Phillips XC20w50. Installed new tempest engine oil filter, and cleaned engine air filter element. Removed, cleaned, and gapped spark plugs. Verified correct magneto timing. Checked engine for leaks. None found at this time. Performed hot engine cylinder compression test: #1 70/80 #2 72/80 #3 75/80 #4 75/80 #5 80/80 #6 78/80 Completed annual inspection on this date in accordance with FAR 43 "D" and Lycoming maintenance/service manual check list. Checked AD's, current through 08/09/2021 see attached list. Checked operation of all systems and found to be OK. I certify that this engine has been inspected in accordance with annual inspection and found to be airworthy on this date. Samuel Hayworth A&P [REDACTED]			

N8828P: Engine Log	Aircraft Type: PA-24-260	Ser # L-1727-48	n or Repair
Owner: Jay Tevis	Engine Type: IO-540-D4A5	Tach Time: 3,606.93	
Date: 8/26/2022	Engine Total Time:	TSMOH = 1,951.83	
Description of work: Performed engine run up prior to inspection. No defects found at this time. Drained engine oil, removed engine oil filter, and removed engine air filter element. Serviced engine with Phillips XC20w50 and Camguard. Installed new Tempest engine oil filter. Installed new Brackett air filter element. Removed, cleaned, and gapped all spark plugs. Verified correct magneto timing. Performed engine cylinder compression test: #1 71/80 #2 79/80 #3 74/80 #4 71/80 #5 80/80 #6 80/80 Completed annual inspection on this date in accordance with FAR 43 "D" and Lycoming maintenance/service manual check list. Checked AD's, current through 08/26/2022 see attached list. Checked operation of all systems and found to be OK. I certify that this engine has been inspected in accordance with annual inspection and found to be airworthy on this date. Samuel Hayworth A&P [REDACTED]			

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				NOTE: Previous logbook entries contain significant math errors. Logbooks were reviewed with the following guidelines.
				ALL Logbook Entries AFTER 26 Aug 2022 should use the corrected numbers.
				Total Airframe Time = TACH TIME + 3045.65
				Current Engine was installed at TACH: 1715.20
				TOTAL ENGINE TIME = TACH TIME - 200.75 1715.20
				TACH: 3606.93, TTAF: 6652.58, TSMOH: 1891.73 (TSNEW)

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Engine Logbook Entry, by Yingling Aviation for: N8828P, Piper Comanche SN: 24-4284 Lycoming IO-540-D4A5 S/N: L-1727-48				
Complied with engine oil change IAW O-540, IO-540 Lycoming Operator Manual Section 4. Cut open and inspected oil filter, no defects noted. Serviced with 11 qts of customer supplied Phillips X/C 20W-50 oil and 16 oz. of CamGaurd oil additive.				
I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION (EXCEPT AS OTHER WISE SPECIFIED) WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION, AND THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.				
Completed By Yingling Aviation [Redacted] Wichita, KS 67277 FAA CRS [Redacted] Phone [Redacted] Signature: [Redacted] Mark J. Coager				Date Completed Work Order # Tach Time Aircraft T. Time
				1-11-2023 SVC27108 3649.02 6645.92
				ETT TSMOH 1933.82 N/A

1/29/2024

N4284

Piper Comanche

Engine Logbook

Tach Hours: 6767.4

Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 12 quarts of Phillips X/C 20W50 Oil and CH48110 oil filter. Washed engine, run up and checked for leaks.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Signed

James Wrenn A&P



Date			N - Number	Serial No:
				24-4284
TSMOH	Prop Time	Tach Time	Airframe Time	
Description of inspections, tests, repairs, and alternations				