



Millennium Engine™

Engine Maintenance History

SUPERIOR
AIR PARTS, INC.

**621 South Royal Lane, Suite 100
Coppell, Texas 75019-3805
972 - 829 - 4600**



Millennium Engine

ENGINE MAINTENANCE RECORDS

Log No. Book 3

Aircraft Registration No. N9398W

Engine Manufacturer LYCOMING

Model 1 O-540-B4B5

Serial No. L-12420-40

Date installed on aircraft 3/3/03

Time Between Overhauls (TBO) 2000 HOURS

If used on multi-engine aircraft:

☐ RIGHT

☐ LEFT

☐ FRONT

☐ REAR

DATE

TACH OR
RECORDING
METER TIMEDESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
WESTERN
Skyways
 INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place
Montrose, CO 81401
www.westernskyways.com(800) 675-8828
(970) 248-0282
FAX: (970) 248-4186Engine Make: LYCOMINGModel: O-540-B4B5Serial Number: L-12420-40W/O No: S2359Date: 02/12/03Warranty Number: 1542Warranty Start Date: 02/03Crankshaft Serial No: 37505Cylinder Part Number: SL-36000N-A21P

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No: 60294-7-9 See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 2019.4 Hrs.

This engine meets requirements of LYCOMING SI-1009AQ for 2000.0 Hour TBO.

The accessories listed below were overhauled and supplied with this engine:

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag.	BL-6500516-2	D03AA002R	Vac Pump:	N/A	N/A
R/H Mag.	BL-600646-1	E02IA123R	Wastegate:	N/A	N/A
Fuel Pump:	LW-15472	2102	Alt/Gen:	2642997R	C121889
Inj/Carb.	10-4404	R95755	Pop Off:	N/A	N/A
Man Valve:	N/A	N/A	Controller:	N/A	N/A
Starter:	149-12PM	F2P-490210	VAPC:	N/A	N/A
Turbo:	N/A	N/A	Fuel Limiter:	N/A	N/A
			Prop Gov:	FA-3A	4699V
			Hyd Pump:	N/A	N/A

MAINTENANCE RELEASE

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

Signature

Repair Station No. WS9R575J

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Oct 25 2012	Tach 1418.8	Removed left mag and sent off for service. Reinstalled mag. Test run engine. I certify that the above maintenance has been performed and that this engine is approved for return to service [redacted] ATP.
12-6-13	1473.4	Removed, cleaned, gapped and rotated spark plugs. Performed compression test: #1 $\frac{76}{80}$ #2 $\frac{78}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$ #5 $\frac{75}{80}$ #6 $\frac{76}{80}$. Replaced O Ring on dipstick. Washed engine, lubed controls and rod ends. Adjusted mag timing. Changed oil and filter, using Acrosnell 15W50 oil. CW AD 95-26-13 by inspection of oil cooler hoses. CW AD 2013-02-13 by inspecting cables and turn buckets and rigging stabilator. Cleaned and retreated the induction filter element. I certify that the above maintenance has been performed and that this engine has been inspected and was found to be in an airworthy condition.
9-17-2015	Tach 1481.6	Removed, cleaned & gapped plugs rotated, performed compression test #1 $\frac{76}{80}$ #2 $\frac{76}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$ #5 $\frac{78}{80}$ #6 $\frac{76}{80}$. Remove #4 cylinder due to low compression found Ring gaps lined up, clean piston, Regrooved Rings & Reinstalled using new gasket, instal Exhaust system with new exhaust gaskets change oil using Phillips 20/50, change oil filter, Run up and check compression ck on #4 $\frac{72}{80}$. Washed engine, ck mag timing and adjust as needed. I certify that The above mentioned has been performed & that Engine has been inspected and was found to be airworthy.
	TSMOH 1128.5	[redacted] AP/IA [redacted]

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC - C34R - 1RF

PROPELLER S/N F76752 DY5517B

LOGBOOK # /

PROPELLER MAINTENANCE RECORD

Position SINGLE

PITCH RANGE

Propeller Model HC-C3YR-1RF

High/Feather

Propeller S/N DY5517B

Start Lock

Blade Design F7693F

Low

Blade S/N's

Reverse

No. 1 J 76754

No. 2 J 76755

Aircraft Manufacturer PIPER

No. 3 J 76752

Aircraft Model PA28-235-C

No. 4

S/N 28-11095

No. 5

Registration N9398W

No. 6

Spinner Assembly Part No. A2476-23

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
12-6-13	Tach 8473.4		Dressed nicks out of propeller blades. I inspected Propeller. I certify that the above maintenance has been performed and that this propeller is approved for return to service. End - [REDACTED] P/P/A [REDACTED]
9-17-2015	Tach 1481.6		Inspect Propeller; I certify That The propeller was found to be in air worth condition in air worth condition as to 100 hr inspection [REDACTED] P/P/A [REDACTED]

9398W

BOOK #2

AIRCRAFT LOG

AL-12P

	REPLACE BATTERY	
	BY <u>NOV</u>	<u>2015</u>
TO REORDER CALL 1-800-382-0779		
LOG BOOK ENTRY	<u>[Signature]</u>	
E.L.T. BATTERY REPLACEMENT DATE	<u>Jan 2003</u>	

AIRCRAFT DESCRIPTION

MANUFACTURER PIPER MODEL PA 28-235 DATE OF MFG. _____

SERIAL NUMBER 28-11095 REGISTRATION NUMBER N9398W

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

[Check one]

☐

F.A.R. 91.169 ANNUAL/100 HOUR

☐

F.A.R. 91.71 PROGRESSIVE

☐

F.A.R. 91.217 SUBPART D

☐

F.A.R. 135.60 A.T.C.O.

☐

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	
11-26-14		Replaced ELT Battery [Redacted] (Owner)
9-17-2015		Replace Left main Tire with Goodyear FC III (New)
Tack	1481.6	Inspect air frame, change O-rings in primer, Lubed
TT	5116.9	Rod ends & hinges, greased wheel bearings Complied with FAR 91.207(d), Replaced Electric Fuel pump Part# CA6628-800E, Replace brake pads on Right Brake, Replace Seal on Right brake cylinder, bleed brakes, Replace Battery with New G35 Gill Battery S#G02870262. Air tanks, Grease Main wheel bearings. I certify that the above maintenance has been done & this aircraft has been inspected in accordance with an annual inspection and found to be in an airworth condition.
		[Redacted Signature] AP [Redacted]

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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DATE:	7-Nov-12	FALCON EXECUTIVE AVIATION, INC.	SVC-	4143
REG NO.:	N9398W	4766 E. FALCON DR.	TACH:	1423.4
MODEL:	PA-28-235	MESA, ARIZONA 85215	HOBBS:	508.2
SERNO:	28-11095	FAA APPROVED REPAIR STATION NO. X0FR185J	XPDR:	KT76A

I certify that the transponder tests required by 14 CFR 91.413 have been performed, this date, and that the transponder meets the requirements of Appendix F of 14 CFR Part 43.

Transponder Serial No.: 42143

The work identified above was performed in accordance with Federal Aviation Regulations and found to be airworthy for return to service.

AUTHORIZED SIGNATURE: _____ CRSX0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under the work order number above.

Dec. 6, 2013 Complied with FAR 91.207(d). Installed compass
Tach 1473.4 Correction card. Replaced left main fuel tank sump drain
T.T. 5108.7 with new valve. Cleaned and re-treated air filter element.
Serviced brake fluid, battery and tires. Installed new ELT Battery. Lubricated
Rod ends and hinges. Greased both main gear and hubbed nose gear. I certify
that the above maintenance has been performed, that this aircraft has been
inspected in accordance with an annual inspection and was found to be in
an airworthy condition. End. _____ AP/IA _____
Replace ELT Battery By NOV 2015