THE COOST AIRCRAFT MAINTENANCE MAINTENANCE RECORDKEEPING SYSTEM

Left

ENGINE MAINTENANCE RECORDS

Date: 8/20/2024

The subject aircraft was involved in an incident /

AIG Aerospace Adjustment Services Inc 3500 Lenox Road, Suite 1100

Atlanta, GA 30326

Signed: Underwriters Salvage Company

Removed unserviceable CHT probe from #6 cylinder, L/H engine. Installed serviceable Rochester CHT probe P/N 3080-38 IAW Piper Maintenance Manual. Removed 1 foot of unserviceable electrical wire from CHT probe, installed serviceable wire, butt splice and ring terminal IAW AC 43.13-1B, Chapter 11.

Chad Ward

N840H Tach: N/A hobbs:5575.9 3/17/2023

Removed unserviceable L/H engine starter. Installed Serviceable Aerotech starter P/N Mz 4218 S/N 127373 in accordance with the aircraft maintenance manual, and Lycoming IO 540-C4B5 service manual and illustrated parts manual. Ground ops check conducted. No anomalies noted. Engine serial number L20004-48A.

Richard Goff
Richard Goff

A+P 3803572

N840H: Hobbs: 5583.0 ACTT: 5567.0 4/10/2023. LH ETT: 1927.7

Performed 100hr inspection IAW CFR 43 Appendix D. Drained engine oil. Removed oil filter and replaced with New Tempest oil filter PN: AA48110-2 filter. Serviced engine with 10 quarts of Aeroshell 15W50 oil. Replaced 4 leaking intake hoses PN: 69103 Replaced 6 Exhaust gaskets PN:08-05218. Replaced 6 Lycoming intake gaskets PN:71973 Replaced air filter PN: BA15. Replaced 6 Engine oil overflow hoses. Performed Compression Test. #1 = 79/80 #2 = 78/80 #3 = 79/80 #4 = 79/80 #5 = 79/80 #6 = 78/80. Ground operational and leak check good. This Engine has been inspected IAW an annual inspection, was found airworthy and has been approved for return to service.

Larry Batten

A&P 2704695 IA

In Bette

N840H TACH: 5614,3 HOB35:1928 6/7/2023

Removed L/M ENGINE STARTER

PEPLACED WITH OVERHAULED

PRESTOLITE STARTER, PN M2-4218

SNH H-PO1175. OPERATIONAL CHECK

Soud.

LARM Batter La Belle

A11 2704695

DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK N840H: Hobbs: 5680.4 rought forward from previous page 11/28/2023 Performed 100 hr inspection IAW CFR 43 Appendix D. Removed oil filters and replaced new filters with Tempest oil filter PN: AA48110-2. Serviced engines with 10 quarts per engine with Aeroshell 15W50. Performed compression test. #1= 79/80 #2=78/80 #3 = 78/80 #4 79/80 #5= 79/80 #6= 78/80. Ground operations and leak check good This engine has been inspected IAW an annual inspection, was found to be airworthy and has been approved for return for return to Todd Freelang sedella A&P 2760891 IA N840H: Hobbs: 5680.4: ACTT: 5664.4 LH ETT: 2025.1 11/28/2023 Performed 100 hr. inspection IAW CFR 43 Appendix D. Removed oil filter and replaced with new Tempest oil filter PN: AA48110-2. Serviced engines with 10 quarts per engine with Aeroshell 15W50. Performed compression test. #1= 79/80 #2=78/80 #3 = 78/80 #4 79/80 #5= 79/80 #6= 78/80. Ground operations and leak check good This engine has been inspected IAW an annual inspection, was found to be airworthy and has been approved for return for return to service Todd Freeland alle ! A&P 2760891 IA

Page No.

TOTALS-(

**DTALS** this page

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Page No. TACH OR RECORDING DESCRIPTION OF WORK PERFORMED-DATE SINCE METER SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK SERVICE TOTALS brought forward from previous page 12 DEC 2019 N840 H HOBBS: 1782.9 1 4ROTILE CONTROL LINKAGE ON LH ENGINE. INGINE Parcelle AP306614 120502019 RUN-UP HOBBS: 1785.6 23 DEC 2019 FNB 750! 4605 DRAWED OIL & REMOVED FICTER. WSTALLED TEMPIST N8401. AP48110-2 OZC FILTER AND STRUTURD WITH 1/ QTS 15W-50 AFRUSHELL OIL [ Porelle AP3066142 23 DEL 2019 FAIRMONT STATE UNIVERSITY **DATE: 04 MAR 2020** ENG SN: L-20004-48A (LH) AC HOBBS: 1787.6 ENG TSO: 462.5 ENG TT: 1802.6 Performed 100hr inspection IAW CFR 43 Appendix (D). Complied with AD 2015-19-07 Ext fuel lines security. Due at fuel system disturbance. Replaced intake gaskets PN: 71973 QTY:6. Replaced primer line PN: 359-2D0072. Replaced Rubber intake hoses PN: 69603 WTY: 6. Replaced Oil return hoses PN: STD-1821 QTY:6. Replaced LH Fuel pump PN: 62B26931. Replaced Air filter PN: BA-15. Performed Compression Test: #1 = 72/80 #2= 74 /80 #3= 77/80 #4= 76/80 #5=74/80 #6= 77/80. This engine has been inspected in accordance with a (an) Annual inspection, was found airworthy and has been approved for return to Description Certificate: AP 301061427A Date: OG MARZOZO SUB-TOTALS this page

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Page No. RECORDING METER DESCRIPTION OF WORK PERFORMED-DATE SINCE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK TOTALS brought forward from previous page



**DATE: 01 JUN 2022** 

**REG#: N840H** 

ENG SN: L-20004-48A (LH)

AC HOBBS: 1803.6 ENG TSO: 478.5 ENG TT: 1834.6

Performed 100hr inspection IAW CFR 43 Appendix (D). Drained oil. Removed filter and installed AA48110-2 filter. Serviced with 10 quarts of Aeroshell 15W-50 oil. Complied with AD 2015-19-07 Ext fuel lines security. Replaced valve cover gaskets PN: 75906 QTY: 6. Replaced Air filter PN: BA-15. Performed Compression Test: #1 = 74/80 #2= 74 /80 #3= 75/80 #4= 76/80 #5=72/80 #6= 76/80. This engine has been inspected in accordance with a (an) Annual inspection, was found airworthy and has been approved for return to service.

nature: Klee	Certificate: ADOLEG/4251	Date:	01 HW 2027	

N840H	 N840H
1 . 1	

Hobbs: 5515.70 Hobbs: 5542.8 11/29/2022

Removed unserviceable EGT probe on \_\_\_\_\_\_ 1/30/2023

LIH Engine #6 eylinder, Installed \_\_\_\_\_\_

Serviceable EGT probe P/N 1280 \_\_\_\_\_\_ Drained used engine oil on L/H a

TAW Piper Maintenance Monuel. \_\_\_\_\_\_ R/H engines. Removed and replaced oil filter Tempest P/N

A 48410 2 on L/H and R/H

Drained used engine oil on L/H and AA48110-2 on L/H and R/H engines. Replenished both L/H and R/H engines with 10 quarts of

Aeroshell 15W50 engine oil, all IAW with Piper Maintenance Manual.

Chad Ward

OTAL: A&P 4521563

TOTALS-Carry forward to next page

TIME SINCE	TACH OR RECORDING METER TIME
E	E TIME SINCE

DESCRIPTION OF WORK PERFORMED-SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

LEFT ENGINE N-840H 12/Nov/2015 Lycoming 10-540-C4B5 s/n L-20004-48A Hobbs 1660.6



Performed a 100 hour inspection IAW FAR Part 43, Appendix D, inspection checklist. Lubricated all engine controls. Inspected exhaust and exhaust muffler for cracks. R&R eng oil filter; (p/n CH 48110-1). Drained oil from engine and replaced with 11 qts. Aeroshell 15W 50. Plugged air escape routes around engine compartment with black silicone. Performed cyl. Comp test (cold) #1 70/80. #2 79/80, #3 78/80, #4 78/80, #5 74/80, #6 72/80. Removed plugs, cleaned, regapped and reinstalled same. Checked mag timing to engine. Replaced missing nutplate on fwd cowling. Reightened alternator belt. R&R induction air filter, (p/n BA 15). C/W AD 2015-19-07 repetitive inspection ((IAW para (e)(1)(ii) & MSB 342G)), C/W AD 2008-14-7 (Vis & Phy Insp). Ground run andine for leak check and power assurance, no defects noted at this time.

certify that this engine has been inspected IAW a 100 hour inspection an airworthy condition. \*\*\*END\*\*\* Peter L. Sims IA; A&P # 3031774

N 840H Lycoming IO-540-C4B5 Left Engine Log

S/N L20004-48A

Date: 12-27-16 Hobbs: 1693.6 Total T: 5379.9

I certify this Engine has been inspection in accordance with an Annual inspection checklist and was found to be in an airworthy condition. 30 hrs. since last inspection. Ads have been checked thru this date. Changed oil filter P/N CH48110-1 and serviced with 10 quarts A/S 15w-50 oil.

Cleaned and inspected spark plugs, inspected fuel injection lines as per SB 342E no defects noted. Checker mags timing and Compression. #1 79-80 #2 79-80 #3 78-80 #4 75-80 #5 79-80 #6 79-80

Ground run engine for leak check and power assurance. No defects noted at this time.

Mission Air Center 227 Airfield Road Spencer, WV 25276

Wayne E. Ash AP 235606289 IA

N 840H Lycoming IO-540-C4B5 Left Engine Log S/N L20004-48A

Date: 07-18-16 Hobbs: 1718.9 Total T: 5405.2

Changed oil filter P/N CH48110-1 and serviced with 10 quarts A/S 15w-50 oil. Sampled oil for analysis 25.3 hrs. on oil. Replaced induction air filter with a new filter element. Cleaned and inspected spark plugs and reinstalled.

Ground run engine for leak check and power assurance. No defects noted at this time

Mission Air Center 227 Airfield Road Spencer, WV 25276

Left Engine Log N 840H Lycoming IO-540-C4B5 S/N L20004-48A

Date: 03-14-17 Hobbs: 1726.2 Total T: 5412.5

I certify this Engine has been inspection in accordance with an Annual inspection checklist and was found to be in an airworthy condition. 30 hrs. since last inspection. Ads have been checked thru this date. Changed oil filter P/N CH48110-1 and serviced with 10 quarts A/S 15w-50 oil.

Cleaned and inspected spark plugs, inspected fuel injection lines as per SB 342E no defects noted. Checker mags timing and Compression. #1 76-80 #2 79-80 #3 77-80 #4 76-80 #5 79-80 #6 79-80

Ground run engine for leak check and power assurance. No defects noted at this time.

Mission Air Center 227 Airfield Road Spencer, WV 25276

Left Propeller Log N 840H Lycoming IO-540-C4B5 S/N L20004-48A

Date: 12-27-16 Hobbs: 1693.6 Total T: 5379.9

I certify this propeller has been inspection in accordance with an Annual Inspection checklist and was found to be in an airworthy condition. Ads have been checked thru this date. Ground run engine for leak check and power assurance. No defects noted at this time

Mission Air Center 227 Airfield Road Spencer, WV 25276



**DATE: 22 JAN 2019** 

**REG#:** N840H

ENG SN: L-20004-48A (LH)

AC HOBBS: 1731.9 ENG TSO: 406.8 ENG TT: 1746.9

Performed 100hr inspection IAW CFR 43 Appendix (D). Complied with AD 2015-19-07 Ext fuel lines security. Due at fuel system disturbance. Replaced Air filter PN: BA-15. Drained oil. Checked oil screen and oil filter. Installed Tempest 48110-2 oil filter. Serviced with 10 Quarts of Aeroshell 15w-50. Leak check good. Performed Compression Test: #1 = 78/80 #2= 80 /80 #3= 79/80 #4= 78 /80 #5=80 /80 #6= 80/80. This engine has been inspected in accordance with a (an) Annual inspection, was found airworthy and has been approved for return to service.

Concol Certificate: 48306614271 Date: 22 JAN 2019

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<u>Date</u> 11-06-	-2006	<u>Hobbs</u> 1499.3	Acft T.T. 5185.6	Eng T.T. 174.2	<u>WO#</u> 2005197 / 201246	
#2 /5/	80 #376/80 #	4 /2/40 #5 /4/80 #6	ate in accordance with 5 75/80. Drained oil an hecked through Bi we	nd changed filter. s	ce manual. Compression check ; #1 78/ service with 12 qts. Phillips 66 X/C 20W 1.	/80 /-50
AD 20 AD 20 AD 20 AD 20 AD 20 AD 72	oiled with 06-20-09 06-12-07 06-10-21 05-26-10 02-26-01 -14-05 -07-04 R4	ECI C ECI C ECI C Fuel Ir Exhau	ct shaft Failure ylinders onnecting Rods ylinders njection Lines st System Stacks e Mount		Next Due Total time  NA to SN of Crankshaft Installed  NA to cylinders installed @ this time  NA to Rods installed @ this time  Superseded by 2006-12-07  5285.6  5285.6  5285.6	ā
I certif conditi	y this engine ion and is rea	was inspected in ac dy for return to serv	cordance with an annice with respect to the	nual inspection and work performed.  Signed	was determined to be in airworthy  State Of Ohio	
	DATE: 1/17/2008	HOURMETER: 1507.2		TSO: A/C 1 82.1 5193.	CRS JRUR354F LE	-
	80. THIS REPA	IR STATION CEPT	IEIES TIUS ENGINE	HAS BEEN INSPERMINED TO BE All	d the engine with Phillips 3)77 4)76 5)76 6)76 over ECTED IN ACCORDANCE RWORTHY THIS DATE.	
				STATE OF OR	S REP	1
				CRS JRUR35	4F ———	
<u>Date</u> 03/01/201		<u>Hobbs</u> 1518.0 HRS.	Acft T.T. 5204.3 HRS.	Eng T.T. 185.0 HRS.	<u><b>WO#</b></u> 202584	1
Complete 8/80 #3 nstalled i	ed an annual i 68/80 #4 70/4 new BA-15 ai	nspection this date 40 #5 74/80 #6 74/8 r filter. ADs checked	in accordance with Pi 0. Drained oil and cha I through Bi weekly is	per Aztec service anged filter, service sue 2010-04.	manual. Compression check; #1 74/80 with 12 qts. Phillips 66 X/C 20W-50 of	#2 il.
ompiled D 2002- D 72-14 D 68-07	26-01 -05 -04 R4	Exhaust S Engine M			Next Due Total time 5304.3 5304.3 5304.3	
certify th	ais engine was	s inspected in accor to service with resp	dance with an annual ect to the work perfor	Signed Oh	as determined to be in airworthy condition  State Of Ohio  CRS JRUR354F	on
						1
			SUB-TOTALS	this page		
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				rage No.
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	June/23/20 Performed inspection. 76/80, #4 by AD 08- defects not I certify th airworthy	an annual ir. Lubricated 73/80, #5 7-14-07; C/W ted. Ground at this engin condition.	I0-540-C TSo 193.4 aspection IA's all engine co 3/80, #6 72 AD 08-14-0 run engine fi e has been in	Hobbs 1526.4 AFTT 5212.7 W FAR Part 43 Appendix D inspection checklist. 8.4 hrs. since last ontrols. Cylinder compression test results - #1 74/80, #2 73/80, #3 /80. Cleaned, gapped & rotated spark plugs. AD 02-26-01 superseded 7 (effective date Aug/14/2008) by physical & visual inspection; no for leak check and power assurance, no defects noted at this time.
Lycomin 01/Jun/2 Performe Lubricate #6 72/80 due to be leak check I certify t ***END	d an annual is a all engine of C/W AD 11 changed @ck and power that this engine	I0-540- TT 193.4 Inspection IA controls. C 1-26-04 (IAV 1618.0 R&I assurance, r ine has been	Hobbs 155 AW FAR Partylinder comp V para g & S R both rubbe no defects no inspected 1A	S/N L-20004-48A 4.6 AFTT 5212.7 1 43 Appendix D inspection checklist. 28.2 hrs. since last inspection. 1 57 pression test results - #1 78/80, #2 74/80, #3 74/80, #4 73/80, #5 74/80, B 342E), C/W AD 2008-14-7 (Vis & Phy Insp), NDN. Air Filter, p/n BA-15, r breather elbows. Adjusted timing on both magneto's. Ground run engine for sted at this time.  We an annual inspection & was determined to be in an airworthy condition.
				·
	1			

Left Engine Log	N 840H	Lycoming	IO-540-C4B5	S/N	L20004-48A
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Date: 12-17-14 Total T: 5284.5

Removed and replaced all spark plugs with new Champion plugs P/N \_\_\_\_

Removed all fuel injectors cleaned, inspected and reinstalled injectors.

Mission Air Center 227 Airfield Road Spencer, WV 25276

Wayne E. Ash AP 235606289 IA

A/C T.T. Date: Tach: Eng. T.T.S.N. Eng. T.S.O. Page No. \_\_ 07/25/2005 5111.9 1425.6 5111.9 100.5 Form No. 2480 (3/04-LM) LYCOMING DATE Complied With Subject Method of Compliance Next Due (TTSN) Lycoming SB 566 Crankshaft Replacement N/A by S/N of Engine 652 Oliver Street N/A Williamsport, PA. 17701 U.S.A. brow total For The STATE OF OHIO This engine has been overhauled in accordance with the applicable Lycoming specifications. **FAA REPAIR STATION JRUR354F** All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are Date: A/C T.T. Eng. T.S.O. new, newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable Tach: Eng. T.T.S.N. 08/16/2005 5111.9 HRS. 100.5 HRS. 5111.9 HRS. accessory part numbers and serial numbers. 1425.6 HRS. Engine Model: IO-540-C4B5 COMPLIED WITH AN ANNUAL INSPECTION. CHANGED OIL AND FILTER. SERVICED ENGINE WITH EXXON 20W50. L-20004-48A Serial #: SERVICED AND ROTATED THE SPARK PLUGS. COMPRESSION 1)78 2)72 3)78 4)78 5)76 6)76 OVER 80. 1340.1 Total Time: THIS REPAIR STATION CERTIFIES THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL Lycoming Engines GJ232789 Work Order #: INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECK THROUGH 2005-14. 652 Oliver Street Date Completed: 7-Williamsport, PA. 17701 CRS REP JR UN 354F Repair Station: EJ1R115K STATE OF OHIO CRS JRUR354F DATE HOURMETER: TSN: TSO: ACFT. T.T. WO 09/15/04 1325.1 HRS. 5011.4 HRS 0.00 5011.4 HRS. 2004059 Date: Eng. T.S.O. A/C T.T. Eng. T.T.S.N. Tach: INSTALLED OVERHAULED ENGINE, SERIAL NUMBER L-20004-48A, I/A/W MANUFACTURERS 0113.0 09/26/2005 5124.4 MAINTENANCE MANUAL. SERVICED ENGINE WITH 100W MINERAL OIL. OPERATIONAL CHECK AND 5124.4 1438.1 Next Due (TTSN) Complied With **Method of Compliance** Subject N/A A.D. 2005-19-11 N/A by S/N of Engine Crankshaft Replacement **CRS RFP** Jason Estad STATE OF OHIO For The STATE OF OHIO CRS JRUR354F FAA REPAIR STATION JRUR354F **Date** WO# **Hobbs** Acft T.T. Eng T.T. 1-19-2006 2004870 154.4 5765.8 5165.8 HOURMETER: A 50 hr inspection was performed at this date in accordance with manufactures instructions. Drained oil and service with DATE: TSN: TSO: A/C TOTAL TIME: 03/18/05 1353.3 HRS. 5039.6 HRS. Exxon Elite 20W-50 oil, installed new oil filter. This engine is ready for return to service with respect to the work 28.2 HRS. 5039.6 HRS. performed COMPLETED 25 HOUR INSPECTION AND OIL CHANGE. REPLACED FILTER AND FILLED OIL TO PROPER LEVEL WITH EXXON 20W50. OPERATIONAL CHECK SATISFACTORY. NO LEAKS AT THIS TIME. State Of Ohio CRS JRUR354F **CRS REP** STATE OF OHIO CRS JRUR354F HOURMETER: DATE: TSN: TSO: A/C TOTAL TIME: 04/19/05 1376.7 HRS. 5063.0 HRS 51.6HRS. 5063.0 HRS. COMPLETED 50 HOUR INSPECTION AND OIL CHANGE. REPLACED FILTER AND FILLED OIL TO PROPER LEVEL WITH EXXON 20W50. OPERATIONAL CHECK SATISFACTORY. NO LEAKS AT THIS TIME. **CRS RFP** SUB-TOTALS this page STATE OF OHIO

CRS JRUR354F

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## ENGINE MAINTENANCE RECORDS

	Log No
Aircraft Registration No. 840 H	
Engine Manufacturer Lycoming	
Model <u>T0-540-C4B5</u>	
Serial No. <u>L-20004-48A</u>	
Date installed on aircraft 09/15/0-1	
Time Between Overhauls (TBO)Hours	
If used on multi-engine aircraft:	
☐ Right	



## AEROTECH PUBLICATIONS INC.

PO BOX 1359 / SOUTHOLD, NY 11971-0965 (631) 765-9375

1-800-235-6444 FAX: (631) 765-9359