

The subject aircraft was involved in an incident /  
accident on 3/25/2026 rendering it a Constructive Total  
Loss as not repairable within its insured value. For  
further details refer to insurance claim: 4645012498US.

Signed: *Underwriters Salvage Company*

Date: *5/29/2026*

AIG Aerospace Adjustment Services Inc  
3500 Lenox Road, Suite 1100



Engine Maintenance Logbook # 2

N 7081H

Mitchell Aviation Services

P.O. Box 215

South Chatham, Massachusetts 02659

Vf51@comcast.net

774-353-6842



# Engine Maintenance Log

Aircraft Owner [REDACTED]  
E-Mail  
Cell Number  
Aircraft Registration No. N7081H  
Engine Manufacturer LYCOMING  
Engine Model No. O-540-E4B5  
Serial Number L-9592-40  
Date Logbook Started 2-5-2026  
Engine Total Time: TSMOH: ∅

	Accessories	Manufacturer	Model	Serial Number
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

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LOG CLOSED

The Standard  
 **ENGINE LOG**

ASA-SF-2

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.)
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This is to certify that the engine described hereafter has been overhauled to meet manufacturer's specifications by Aerotec Engines Limited. Engine disassembled, cleaned, inspected and reassembled in accordance with Aerotec Engines approved procedures. A performance inspection run and initial break-in was conducted in a precision test cell and this engine meets all design criteria. A description of all work performed is on file at this agency. A complete parts list and record of accessories has been included separately with this book.

*Note: New cylinders installed. Engine must be run with an approved mineral oil for the next 50 hours. 100LL is the only fuel recommended for this engine.*

*Note: All oil lines and cooler must be thoroughly flushed or replaced before installing engine. If installing a constant speed propeller and governor, thoroughly flush or replace before installing on this engine.*

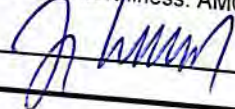
List of AD's embodied at this time has been included separately with this book.  
List of Mandatory SB's that were complied with are kept on file under this work order.


MAKE	<u>Lycoming</u>	W.O. #	<u>24245</u>
MODEL	<u>O-540-E4B5</u>	T.S.O.	<u>0 Hrs.</u>
SERIAL #	<u>L-9592-40</u>	T.T.	<u>Unknow(271.58 hrs. since last O/H)</u>



AEROTEC ENGINES LIMITED  
740 Windgate Drive  
Beaver Bank, NS, B4G 0A6  
902-873-3100

The maintenance described above has been performed IAW the applicable standards of airworthiness. AMO 6-96

Authorized Signature 

Date FEB 05 2026 Lic. Stamp 

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				Log Book Closed See Log Book # 2

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Aloft Aviation Management LLC  
110 Mary Dunn Way  
Hyannis, Massachusetts 02601

Make: Piper  
Model: PA-32-260  
Tail: N7081H  
S/N: 32-7100028

Hours: 9/18/2025 Engine Log Entry Tach: 447.55

Work performed referencing Cherokee Six service manual 753 690 and AC43.13-1B/2B  
Discrepancy: Change oil/filter and take sample. Owner to send in.  
Corrective Action: Engine run to operating temp. Oil drained and sampled for Blackstone test. Oil filter removed and cut open/inspected. Minimal contents are normal wear materials at this inspection. New AA48110-2 oil filter installed, tightened safety wired. Engine serviced with 10 Quarts Phillips XC20W50 and 16Oz. ASL Camguard. Affected areas cleaned as needed.

Aircraft/Engine test run and affected items checked for proper operation with no defects found. No leaks noted. Aircraft approved for return to service with respect to the work performed above.

Signed:   
Name: Seth Dietrich

Cert: 3212640 A&P/IA  
Date: 09/18/2025

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Chatham Municipal Airport, 240 George Ryder Rd. Chatham, MA 02633  
Tel (508) 945-5747, Fax (508) 945-9599. sticknrudderaero@comcast.net  
Visit us on the web at www.chathamairport.com

10/24/2025  
N7081H  
Piper PA32-260  
Tach: 0452.92

Engine Entry  
Lycoming O-540-E4B5  
S/N: L-9592-40  
TSMOH:  
TTE:

- 1) Engine removed from above airframe due to internal lower end corrosion & oil contamination.
- 2) Engine shipped to Aerotec Engines for tear down & overhaul this date and time.

Timothy P. Howard A&P/IA 2854191

END

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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.)
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Alpha One Flight Services  
246 South Meadow Rd  
Plymouth, MA 02360

Date: 4/25/2025; Aircraft: N7081H; Type: PA32-260; S/N: 32-7100028; Tach: 394.47; Total Time: 1281.83; Engine - Type: O-540-E4B5, S/N: L-9592-40, SMOH: 213.13; Prop - Type: B3D32C414-C, S/N: 090339, SMOH: 213.13  
Removed and replaced oil filter adapter gasket P/N 06B23862, oil filter P/N AA48110-2, and left mag gasket P/N LW12681. Degreased engine as needed. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an airworthy condition and returned to service.

Stephanie Mickiewicz  
A&P 4332728 I.A.



Alpha One Flight Services  
246 South Meadow RD  
Plymouth, MA 02360

Date: 5/16/2025; Aircraft: N7081H; Engine - Type: O-540-E4B5, S/N: L-9592-40, Time: 1556.90, SMOH: 215.80  
Removed and replaced the fuel pump gasket with new p/n 60096, removed oil filter adapter housing and replaced with new PMA'd unit p/n 204418-156 with new gasket p/n 06B23862, installed existing vernatherm valve with new gasket p/n 76510 and oil temp probe existing gasket. Removed and replaced vacuum pump gasket with new p/n SL8313. All work performed I.A.W. current Federal Aviation Regulations in reference to the manufacturer's maintenance manuals. All affected systems have been tested with no defects and or leaks noted, and the aircraft is approved for return to service with respect to the work performed.

Mitchell Buckley  
A+P 28302441.A.

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.)
2025 7/9	420.19		1307.55	Drain Oil and took sample. 10 QTS PHILLIPS 20W50 OR, 16OZ CONSUMER DELCO FLOWTECH DYC, EVAN TAUBERT PP #4777154 Cur Int
9/8	443 440.53			Added 1 quart of 20w50 Cur Int



YEAR 2023 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.)
6/20	290:35			Compression Test #1 76 #2 76 #3 76 #4 76 #5 76 #6 76 over 80 PSI. OIL CHANGED PHILLIPS LOW50, FILTER 43110-1, ALL NOSES AIR, FUEL OIL OK, EXHAUST SYSTEM & INTAKE IN GOOD CONDITION. REPLA- ced ALL Rocker Cover Gaskets SPARK PLUGS CLEANED & GAPPED TIMING 75° BTDC OK SPURER BROK PLATE OK, Run up oil RANGES OK Duell J 205552 A/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.)
				Date <u>6/20/2023</u> T.T. <u>290:35</u> I certify that this <u>ELITE Disc</u> has been inspected in accordance with <u>FAA</u> inspection and was determined to be airworthy condition. Richard A. Fekete Signed <u>[Signature]</u> 205552 A/P IA
				N7081H Tach 297.3 04-09-2024 - inspected engine as pre-buy - oil cooler hose inspection by installing new Type C hoses, both p/n 624000-8D-00220 - checked timing - checked compressions - borescoped cylinders - cleaned, gapped bottom spark plugs - replaced oil cooler hoses per AD 2017-14-04; inspection due tach 397.3 W. Hankinson <u>[Signature]</u> A&P 3322555 IA Big Sky Aviation, Milledale NJ

YEAR 2022 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.)
6-7-			280.16	<p>ENGINE CHECKED FOR OIL LEAKS NONE FOUND, COMPRESSIVE ALL CYLS 78 OUN, 80 PSI. SPARK PLUGS CHECKED &amp; REPAIRED EXHAUST SYSTEM, &amp; INTAKE IN GOOD CONDITION, REPLACED AIR FILTER, REPLACED OIL FILTER, ALL HOSES, OIL &amp; AIR &amp; FUEL IN GOOD CONDITION TIMING CHECKED, RUN UP ALL RUNGERS NORMAL.</p> <p><i>[Signature]</i> 2055592 A/P IA</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.)
				<p>Date <u>6/7/2022</u> T.T. <u>280.16</u> I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be airworthy condition. Richard A. Fekete Signed <i>[Signature]</i> 2055592 A/P IA</p>

YEAR 2020 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.)
6-16	263.4		1422.8	ENGINE CHECKED FOR OIL LEAKS OIL CHANGED 10 QTS DERO SKEL 15W50 OIL FILTER CHANGED CHAMPION 48110-1, EXHAUST SYSTEM OK, COMPRESSIONS ALL 78 OVER 80 PSI, ALL HOSES AIR, FUEL & OIL OK, SPARK PLUGS CHECKED INDUCTION SYSTEM OK <i>Richard A. Fekete 2055592 A/P IA</i>
DATE 6-16			T.T. 1422.8	
I CERTIFY THAT THIS ENGINE				
HAS BEEN INSPECTED IN ACCORDANCE				
WITH A <i>Visual</i> INSPECTION				
AND WAS DETERMINED TO BE IN				
AIR WORTHY CONDITION				
SIGNED	RICHARD A. FEKETE			
	<i>Richard A. Fekete</i>			
	2055592 A/P IA			

YEAR 2021 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.)
6-13	268.31		1492.5	5 COMPRESSIONS, ALL IN MID 40'S OVER 80 PSI, ALL HOSES OK, FUEL & OIL OK, EXHAUST SYSTEM OK, AIR BOX & FILTER OK, PLUGS CHANGED GAPPED ENGINE RUNUP NORMAL <i>Richard A. Fekete 2055592 A/P IA</i>
DATE 6/13/2021			T.T. 1492.5	
I certify that this ENGINE				
in accordance with <i>Visual</i> inspection and was				
determined to be airworthy condition.				
Richard A. Fekete				
Signed	<i>Richard A. Fekete</i>			
	2055592 A/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.)
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Date 6-6-2016 T.T. 990-13

I certify that this ENGINE has been inspected  
in accordance with ANNUAL inspection and was  
determined to be in airworthy condition.

*[Signature]*  
2055592 A/P F/A

2017 210.25 ENGINE CLEANED & CROCKED  
FOR OIL LEAKS. SPARK PLUGS  
CLEANED & GAPPED, COMPRESSIONS  
ALL CYLS IN NEXT 70'S OVER 80 PSI  
EXHAUST SYSTEM OK. ALL NOSES  
AIR, OIL & FUEL OK. TIMING & S/W  
OK. ENGINE RUN UP ALL RANGES  
OK  
*[Signature]* 2055592 A/P F/A

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.)
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Date 6-10-2017 T.T. 210.25

I certify that this ENGINE has been inspected  
in accordance with ANNUAL inspection and was  
determined to be airworthy condition.

Richard A. Fekete

Signed *[Signature]*  
2055592 A/P VA

2018  
6-10 233.35 ENGINE CLEANED & CROCKED  
FOR OIL LEAKS, TIGHTENED VALVE  
COVERS, ALL GAS AIR & FUEL NOSES  
OK, EXHAUST SYSTEM GOOD, COMPRES-  
SIONS ALL OK 70'S OVER 80 PSI,  
OIL CHANGED 10 QTS AERO SHELL  
15W50, FILTER CHANGED, CHAMPION  
48110-1 TIMING CROCKED OIL S/W  
OK,  
NEXT

YEAR 2015 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.)
326			184.82	ENGINE CHECKED FOR OIL LEAKS, TIMING OK 25° BT COMPRESSIONS ALL CLY 78 PSI OVER 50 PSI ALL NOSES FUEL & OIL IN GOOD CONDITION OIL CHANGED TO 2TS AGARD SHALL 15 W 50 ENGINE RUN UP ALL RANGES EXHAUST S/T NO LEAKS.  [Signature] 2055392 A/P I/A

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.)
				3-26-2015 184.82 certifying that this ENGINE has been inspected in accordance with ANNUAL inspection and was found to be in airworthy condition.  [Signature] 2055392 A/P I/A
6-6-2016			0190.13	ENGINE INSPECTED FOR OIL LEAKS, TIMING 25° BT COMPRESSION #1 78 #2 78 #3 78 #4 78 #5 78 #6 78 OVER 50 PSI ALL FUEL, OIL & AIR NOSES FOUND IN GOOD CONDITION. LABELED ALL CONTROLS, ENGINE RUN UP NORMAL RANGES  [Signature] 2055392 A/P I/A

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 RUN IN PER SECTION 9 (TEST PROCEDURES) ALL TEMPERATURES & PRESSURES NORMAL EXCH RUN, GROUND TIME 1:15 PER DIRECTIVES MAG DROP 25 RPM BETWEEN 100 RPM EXCH. ADDITIONAL DATA FOR THIS ENGINE OVERHAUL EXN B6 FOUND IN DOCKUMENTS SUPPLIED ABOUT BUILD UP.
				<i>[Signature]</i> 197261578 A/P /H
				NOTE PROPELLER INSTALLED PER STC SA02097C H EQUIPMENT HIST & WTBAL NEXT

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				REVISED FOR PROPELLER, ALTERNATOR & PROP GOV <i>[Signature]</i> 197261578 A/P /H
2012				
1-7-2012				ADDITIONAL PARTS WHICH WERE OVERLOOKED IN PRIOR ENTRIES
TT 13 41:10				REPLACED ENGINE MOUNT AFTER RECONDITIONING FROM KOSLA AND ASSOCIATES PART # 68710-00 S/N C2197, RE- PLACED 4 ENGINE SHX MOUNTS J 740 2-20
TAC 81:34				<i>[Signature]</i> 197201678 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.)
				INSTALLED, RAUCO VACUUM PUMP OVERHAULED UNIT, LYCOMING FUEL PUMP LW15473 NEW DMA ALTERNATOR PLATE POWER AL12-C60 #A111810 REPLACED KELLY STARTER DRIVE EBB131A, PRIMER SYSTEM REPLACED WITH ALL NEW PIPER CLAMPS & FITTINGS EXHAUST SYSTEM NEW EXCEPT FOR RIGHT HANDED UNITS WAS IN LIKE NEW CONDITION ALL PARTS. FRANK AEROSPACE WELDING REPAIR STATION #UNDD197L REPLACED ALL OIL & FUEL NOSES WITH EASTERN NEXT

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				AERO NOSES ASSY WITH FIRE SLEEVE, CARBURATION REPLACED CF233-614 VALVE & SEAT ASSY, 666-1002-F FLOAT KIT & NEW PARTING GASKET. INSTALLED OIL FILTER ADA- PTER 77852.5U LYCOMING PART, SERVICED WITH 10QTS AERO SKEEL OIL & CHAMPION 48110-1 OIL FILTER, INSTALLED MCCAWLY, PROP B3032C 414/82 NDX-2 & SPINNER ASSY. ENGINE ASSEMBLED PER LYCOMING OVERHAUL MANUAL #60294-7 ALL PART REVISIONS C/O NEXT

YEAR 2011 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.)
11-6-2011		1341:10		ENGINE OVERHAULED, ALL STEEL PARTS MAGNA FLUXED, REPLACED 1 ROD DUE TO OVER WEIGHT, DYNAMIC COUN- TER WEIGHTS REBUSHED & WASHERS & SNAP RINGS RE FIXED, RODS, ROCKER ARMS REBUSHED, MAG DRIVE GEARS REPLACED, CRANK SHAFT DRIVE GEAR REPLACED, MAG DRIVE GEAR BEARINGS REPLACED, FUEL PUMP CAM GEAR REPLACED & PUMP ROD, TAC SHAFT, PIN & SNAP RING REPLACED, IDLER GEAR REPLACED, GOVERNOR GEARS (2) & SHIMS REPLACED NEXT
		TACO 81:32		

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.)
				NEW CRANKSHAFT, NEW MAIN & ROD BEARINGS (MDO3) ALL STEEL PARTS, CRANKSHAFT RODS & ROCKER ARM REWORKED AT ERK ROMANS, INC TULSA OK, REPAIR STATION BEZR713K ENGINE CASE RECONDITION & REPAIRED BY DEVED REPAIR STATION DBZR762K, 6 NEW CYLINDERS BY LYCOMING INST- ALLED, REPLACED 6 PUSH RODS, NEW PROP GOV PMA PQ2424CE BY VERO TECH 200 PART # ATF4-4A - NEW MAGNETOS & HARNESS KIT K6565-40 INSTALLED 12 REM41E SPARK PLUGS NEXT