

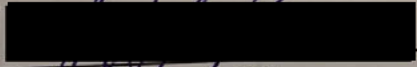
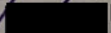
ERA23LA037

MAINTENANCE RECORDS EXCERPTS

TIME	REPAIRS	TESTS	REPAIRS AND ALTERATIONS
Date Feb. 15, 2022 A/C N8580N Piper PA28-235 S/N 28-11317 Engine - O-540-B4B5 S/N L-15252-40 Hartzell HC-C3YF-1RF / F7693F Hub S/N DY7549B ACTT: 4034.96 TACH: 4034.96 AIRFRAME LOG ENTRY COMPLIED WITH ANNUAL INSPECTION I/A/W FAR 43 APPENDIX D - C/W 91.207 (d) ELT Inspection Battery Expires 02/2027 - Removed & Replaced Main Battery with new Concorde RG-35AXC S/N: 41208555 - Resealed L/H Brake Caliber & Bled System - Readjusted Height of L/H Strut - Installed new Strut Kits P/N: PTL-KT-11			

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.)
			- Removed & Replaced L/H Drain Valve with new P/N: 05-01865 - Installed new Gaskets on all 4 Fuel Caps - Removed & Replaced Muffler with new P/N: K65813-00 - C/W AD 20-24-05 By Inspection - All work performed in compliance with the Manufacturers Maint. Manual , Checked AD Status Through 2022-4 - All Ad's Complied with I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Robert J. Pierce [Redacted] IA

Photographs 1-2 - Most recent annual inspection records

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 Feb. 15, 2022 A/C N8580N Piper PA28-235 S/N 28-11317 Engine - O-540-B4B5 S/N L-15252-40 Hartzell HC-C3YF-1RF / F7693F Hub S/N DY7549B ACTT: 4034.96 TACH: 4034.96 ENGINE LOG ENTRY COMPLIED WITH ANNUAL INSPECTION I/A/W FAR 43 APPENDIX D - Compressions #1- 78, #2- 77, #3- 77, #4- 78, #5- 76, #6- 73 all over 80 - Resealed all 12 Push Rod Tube - Removed & Replaced Oil & Filter with 12 qts of Aeroshell W100 Plus, Tempest AA48109 - All work performed in compliance with the Manufacturers Maint. Manual , Checked AD Status Through 2022-4 - All Ad's Complied with I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  Robert J. Pierca  IA

Photograph 3 - Most recent annual inspection record (Engine)

YEA
DAT

Pickens Airport (KLQK)

01/02/21	SMOH 1457.99
A/CT T: 3957.99	SPOH 1153.33
Tach 3957.99	0-540 B45B Sn#L-11317

Cleaned and inspected engine this date 1/02/21 I.A.W Lycoming Service Manual .

Serviced engine with (10) qts Phillips 20XC50 Victory (1) qt cam guard , (1) A48109 oil filter, (1) BA-3 airfilter.
Installed (1) new oil return line #6 cylinder pn# 68761., replaced all (6) intake gaskets with new 71973

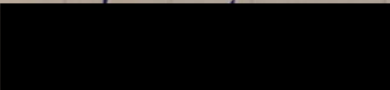
Compression are as follows: 1.) _74_ 2.) _75_ 3.) _77_ 4.) _76_ 5.) _75_ 6.) _75_

C/W the following AD's: 04-10-14C1 1 due at or when a propeller strike occurs , , <see status sheets for further details>.

I certify that this engine has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition.

IA/AP [Redacted Signature]

Photograph 4 - Engine inspection record (100 Hour)

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 Dec. 1, 2019 A/C N8580N Piper PA28-235 S/N 28-11317 Engine - O-540-B4B5 S/N L-15252-40 Hartzell HC-C3YF-1RF / F7693F Hub S/N DY7549B ACTT 3908.37 TACH 3908.37 ENGINE LOG ENTRY COMPLIED WITH ANNUAL INSPECTION I/AW FAR 43 APPENDIX D - Compressions - #1 = 75, #2 = 74, #3 = 72, #4 = 76, #5 = 75, #6 = 78 all over 80 - Removed & Replaced Oil & Oil Filter AA48109 & 11 quarts of Aeroshell 100w Plus - Oil Sample sent out for Analysis - Removed, Cleaned, gapped & Reinstalled Spark Plugs, checked mag timing. Ran engine Leak & Ops Checks OK. - All work performed in compliance with the Manufacturers Maint. Manual, Checked AD Status Through 2019-22 - All Ad's Complied with I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  Robert J. Pierce A&P IA

Photograph 5 - Engine inspection record (Annual - 2019)

OVERHAUL

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME SERVED	Description of Repairs and Alterations and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Date: 05-02-03 Tach: 2500.0 Reg. No.: N 8580N Eng. Model: O-540-B4B5 Eng. S/N: L-15252-40 SMOH: 000.0 Engine Major Overhaul Completed engine major overhaul this date in reference with Lycoming overhaul manual 60297-7, parts manual PC-115 and all applicable service bulletins, letters and instructions. This engine has been overhauled to factory new fits and limits. Crankcase align bored/certified, crankshaft overhauled (main and rod journals- std.), camshaft reground/certified, connecting rods align bored, counterweights reworked per Lycoming Service Instructions #1143B, and Superior Millennium new cylinder assemblies installed. Engine accessories were overhauled/exchanged or new as follows: New Slick magnetos, New Ignition Harness, New Champion Spark Plugs, New Sky-Tec Starter, Alternator, Propeller Governor, Carburetor, New Lycoming Fuel Pump, and Oil Cooler. Engine dynamometer tested in accordance with Lycoming's overhaul manual and is approved for return to service. Maintenance release tags and list of C/W A.D.'s provided. For complete details concerning this overhaul, refer to Work Order #FN032803-19 on file at this overhaul facility. END. David C. Swieter A&P [REDACTED] Firewall Forward, Inc. Loveland, CO 80538

Photograph 6 - Last engine overhaul record

ations by the user / installer before the aircraft may be flown. Maintenance records must contain an installation certification issued in
 erated) * Installer must cross check eligibility with applicable technical data.

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: 05-02-03 Tach: <u>2500.0</u> Reg. No.: N <u>8580N</u> Eng. Model: O-540-B4B5 Eng. S/N: L-15252-40 SMOH: 000.0 Engine Major Overhaul ACCESSORIES OVERHAULED OR EXCHANGED AT OVERHAUL <table border="1"> <thead> <tr> <th>MFG. NAME</th> <th>COMPONENT</th> <th>MODEL/PN</th> <th>SERIAL No.</th> </tr> </thead> <tbody> <tr> <td>Slick</td> <td>Magneto</td> <td>6355</td> <td>02081612</td> </tr> <tr> <td>Slick</td> <td>Magneto</td> <td>6350</td> <td>02060450</td> </tr> <tr> <td>Sky-Tec</td> <td>Starter</td> <td>149-12PM</td> <td>F2P-140311</td> </tr> <tr> <td>Chrysler</td> <td>Alternator</td> <td>2642997R</td> <td>D021256</td> </tr> <tr> <td>Hartzell</td> <td>Propeller Governor</td> <td>F4-3A</td> <td>21220</td> </tr> <tr> <td>Precision</td> <td>Carburetor</td> <td>10-5054</td> <td>BZ-11-416</td> </tr> <tr> <td>Harrison</td> <td>Oil Cooler</td> <td>8526250</td> <td>BB-6008</td> </tr> </tbody> </table> FIREWALL FORWARD, INC. LOVELAND, CO 80538	MFG. NAME	COMPONENT	MODEL/PN	SERIAL No.	Slick	Magneto	6355	02081612	Slick	Magneto	6350	02060450	Sky-Tec	Starter	149-12PM	F2P-140311	Chrysler	Alternator	2642997R	D021256	Hartzell	Propeller Governor	F4-3A	21220	Precision	Carburetor	10-5054	BZ-11-416	Harrison	Oil Cooler	8526250	BB-6008
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Photograph 7 - Last engine overhaul record



LIST OF AD's COMPLIED WITH AT ENGINE OVERHAUL

Date: 05-02-03 Tach: _____ Reg. No.: N
 Eng. Model: O-540-B4B5 Eng. S/N: L-15252-40 SMOH: 000.0
Engine Major Overhaul

AD #	ITEM AFFECTED	METHOD OF COMPLIANCE	ONE TIME	NEXT INSP. DUE
59-10-07	Baffles	N/A by equipment		
63-14-03	Oil Pump Drive Shaft	N/A by S/N		
64-16-05	Fuel Pump	N/A by new pump @ O/H		
66-20-04	Oil Filter Adapter Gasket	N/A by S/N		
73-23-01R4	Piston Pin	N/A by new pins at O/H		
75-08-09R3	Oil Pump	N/A by S/N		
81-18-04R2	Superseded by 96-09-10			
87-10-06R1	Rocker Arm	N/A by S/N		
91-08-07	Fuel Pump	N/A by equipment		
91-14-22	Crank Gear/Bolt	C/W para (a), (b)(1-5)		See A.D.
92-12-05	Piston Pin	N/A by new pins at O/H		
95-07-01	Connecting Rod Bolts	N/A by new bolts/purchase date		
96-09-10	Oil Pump Impellers	Verified compliance w/ para (c) @ O/H		
97-01-03	Piston Pin	N/A by new pins at O/H		
97-15-11	Piston Pin	N/A by new pins at O/H		
2002-20-51	Superseded by 2002-23-06			
2002-23-06	Crank Gear Retaining Bolt	N/A by bolt P/N (STD-2247)		

Frank Szymanski
 A&P [REDACTED]
 Checked thru Rev. 2005-08

Firewall Forward, Inc.
 Loveland, CO 80538

Photograph 8 - Last engine overhaul record

Technician or Repair

Carolina Flight Services, LLC
[REDACTED]

Dec. 17, 2015 N8580N S/N 28-11317

TACH 3675.03

Engine Log Entry

Removed & Replaced Left Magneto with new Slick Mag P/N 6355, S/N on 15110661
S/N Off 02081612. Removed & Replaced Right Magneto with Kelly overhauled Mag
P/N 6350R S/N On D-10281 S/N off 02060450. Installed mags I/A/W Manufacturers
Service Manual, performed engine run up, ops checks OK
Aircraft Returned to Service at This Time

[REDACTED]

Robert J. Pierce A&P [REDACTED]

Photograph 9 - Replacement of the magnetos.

Tail # N8580N

Champion Flyers – Shelby Co. Airport (KEET)

DATE: 07/06/2015 TACH:3615.34 HOBBS:n/a AFTT:5260.05 SMOH:1120.05

Check AD report for Recurring / new issues and comply as necessary.

- Uncowl engine for access .
- C/W AD72-08-06 To detect cracks in the 2-1/2" boss in any of the 4 MLG links. Inspected w/10x loupe magnifier, no cracks noted. NEXT DUE @ 4115.34(T), or 5760.0(TTAF)
- C/W AD78-23-01 To prevent inadvertent fuel drain lever operation. Inspected this date IAW (b)(1) (2)&(3). Door is free and positively closes to safe the lever. NEXT DUE @ 3715.34(T) or 5360.0(TTAF)
- C/W AD95-26-13 Oil Hose Replacement. Equipped w/TSO-c53a hoses. Replacement NEXT DUE ON CONDITION.
- P/C/W AD23-02-13 Stabilator Balance Tube Inspection for corrosion / cracking. NEXT DUE ON 11/2020.
- C/W AD2004-10-14C, To prevent loosening of the crankshaft gear retaining screw. NEXT DUE at PROP STRIKE.
- C/W AD99-24-10, Vacuum System Failure, Stand By Vacuum System Malfunction. No stand-by system installed, New pump installed 05/2015. Recommend 500hr replacement for IFR flight.

I certify this AIRFRAME, ENGINE or COMPONENT has been inspected / repaired IAW acceptable FAA and/or manufacturers technical information and these repairs deemed airworthy at this time.

Kenneth D. Miller A&P

Photograph 10 - Compliance with AD2004-10-14C.