

The Standard
 ENGINE LOG

N952W #2 STARTED 8-1-2015

ASA-SE-2

The subject aircraft was involved in an incident /
accident on 10/11/2024 rendering it a Constructive
Total Loss as not repairable within its insured value. For
further details refer to insurance claim: 8221485590US.

Signed: ***Underwriters Salvage Company***

Date: **1/20/2025**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

YEAR 20 <u>23</u> DATE	RECORDING TACH TIME <i>ALC TT</i>	TODAY'S FLIGHT	TOTAL TIME IN SERVICE <i>TSMO</i>	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.)
------------------------------	--	-------------------	--	--

wo: WO_691.1

Engine - page 1 of 1



flywyld Aviation, LLC - 9998 Wakeman Drive - Manassas, Virginia 20110 - 703-651-2640

N952W

LYCOMING, IO-360-A1B6DX, S/N: L-10882-51A

September 22, 2023

TACH: 739.1

Low Compression in Cylinder #2... Cylinder was delivered off the aircraft and troubleshot on the bench. It was determined the intake valve was not properly seating and a gap had formed between the valve and the valve seat. Rod assembly and accessible engine internals were visually inspected for obvious defects; none noted. Installed an overhauled cylinder assembly (PN: 05K21120 / SN: JJI82657 Reference SO# 7124 / Invoice# 65195 from Airmark Overhaul, Inc. in Ft. Lauderdale, FL) including a new piston, piston pin, piston pin plugs, and ring set as part of the assembly. Cylinder was installed using new seals provided in kit (PN: SL12039-SC). Torqued mounting hardware to specification. Re-installed cylinder baffling and any additional components removed for cylinder access. Performed engine ground runs and leak checks; both with favorable results. Cylinder break-in can yield higher than normal CHT's and oil consumption, which was passed to the owner to monitor. Flight test break-in procedure (Lycoming SI 1427C) is recommended on first flight. Oil change and oil analysis recommended within 10 hours of operation.

Re-Torque All Engine Cylinders... During the installation of #2 cylinder, all remaining cylinders on engine case were re-torqued to specification. All cylinder mounting hardware appears to be in serviceable condition at this time.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with flywyld Aviation, LLC under work order: WO_691.1.

Darrin Rimbey Airframe and Powerplant (Inspection Authorization) 3846788

A3 Aircraft Services
HANGER 37, 5075 AIRPORT RD
MIDLAND, VA 22728
Email: a3aircraftservices@gmail.com

ENGINE

Lycoming

IO-360-AB6D(X)

S/N L-10882-51A

- Inspected engine in accordance with a 100hr inspection checklist
 - Performed compression check: compressions. #1-74/80, #2-76/80, #3-78/80, #4-74/80; no defects noted
 - Drained oil, cleaned suction screen, inspected and cleaned Challenger (CP48103C) reusable filter; serviced with 7qts Phillips 20W-50
 - Replaced spark plugs, installed NGK BR9E1X Iridium plugs; checked ignition timing and inspected ignition leads and coil connections;
 - Ran engine, verified fuel servo idle/mixture +30 and idle 740RPM; leak and ops check good; no defects noted
- I certify that this engine was inspected on 1 Feb 24 in accordance with a condition inspection, scope and detail FAR 43 Appendix D, and was determined to be in a condition for safe operation

James P. Scott, A&P 2757152

YEAR 20 <u>23</u> DATE	RECORDING TACH TIME <i>ALC TT</i>	TODAY'S FLIGHT	TOTAL TIME IN SERVICE <i>TSMO</i>	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.)
<i>9/28</i>	<i>7093.3</i>		<i>742.8</i>	<i>OIL CHANGE. REPLENISHED WITH PHILIPS 20W-50. REMOVED AND CLEANED CHALLENGER OIL FILTER AND RE-INSTALLED. NO METAL NOTED. OWNER: Ron Dushko</i>

<i>9/17/24</i>	<i>2147.4</i>		<i>804.1</i>	<i>CHANGED OIL, REFILLED W/ PHILIPS 20W50AW REMOVED AND CLEANED CHALLENGER FILTER. Ken Bentle owner 3280236</i>
----------------	---------------	--	--------------	---

YEAR 20 <u>22</u> 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.)
------------------------------	---------------------------	-------------------	-----------------------------	--

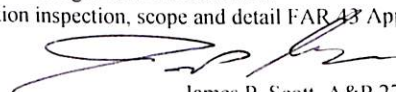
A3 Aircraft Services
HANGER 37, 5075 AIRPORT RD
MIDLAND, VA 22728
Email: a3aircraftservices@gmail.com

ENGINE Lycoming 10-360-AB6D(X)

Date: 16 Nov 21
Tach: 1991.7
Eng TT: Unknown
TSMOH: 623.5

S/N L-10882-51A

- Inspected engine in accordance with a 100hr inspection checklist
- Performed compression check; compressions: #1-68/80, #2-73/80, #3-79/80, #4-79/80; no defects noted
- Drained oil, inspected suction screen, inspected and replaced oil filter (AA48103-2), no defects noted; serviced with 7qts Phillips 20W-50
- Replaced spark plugs, installed Denso IW27 Iridium plugs; checked ignition timing and inspected ignition leads and coil connections
- Ran engine, verified fuel servo idle/mixture +40 and idle 720RPM; leak and ops check good; no defects noted
I certify that this engine was inspected on 16 Nov 21 in accordance with a condition inspection, scope and detail FAR 43 Appendix D, and was determined to be in a condition for safe operation.


James P. Scott, A&P 2757152

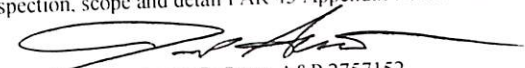
YEAR 20 22
DATE HANGER 37, 5075 AIRPORT RD
MIDLAND, VA 22728
Email: a3aircraftservices@gmail.com

ENGINE Lycoming 10-360-AB6D(X)

Date: 2 Dec 22
Tach: 2069.2
Eng TT: Unknown
TSMOH: 701.0

S/N L-10882-51A

- Inspected engine in accordance with a 100hr inspection checklist
- Performed compression check; compressions: #1-76/80, #2-60/80, #3-78/80, #4-76/80; no defects noted
- Drained oil, cleaned suction screen, inspected oil filter & replaced w/Challenger (CP48103C) reusable filter; serviced with 7qts Phillips 20W-50
- Replaced spark plugs, installed Denso IW27 Iridium plugs; checked ignition timing and inspected ignition leads and coil connections; repaired broken wire to #2 ignition system #3/#4 cylinder/lower coil pack
- Ran engine, verified fuel servo idle/mixture +35 and idle 720RPM; leak and ops check good; no defects noted
I certify that this engine was inspected on 2 Dec 22 in accordance with a condition inspection, scope and detail FAR 43 Appendix D, and was determined to be in a condition for safe operation.

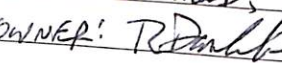

James P. Scott, A&P 2757152

2023

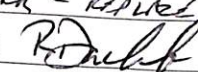
3/12 2090

OIL CHANGE REPLENISHED PHILIPS
20W-50. CHALLENGER OIL FILTER
CLEANED + REPAIRED. NO METAL NOTED
IN FILTER OR SCREEN. OWNER: 

3/19 2015.9

OIL CHANGE REPLENISH PHILIPS X1C 20-50.
FILTER CHANGED; NO METAL NOTED
OWNER: 

9/2 2050.7

OIL CHANGE w/ PHILIPS 20W-50. INSPECTED
SUCTION SCREEN & OIL FILTER - REPLACED OIL FILTER
NO METAL NOTED. OWNER: 

Date:	14 Oct 20
Tach:	1895.3
Eng TT:	Unknown
TSMOH:	527.1

ENGINE	Lycoming	I0-360-AB6D(X)	S/N L-10882-51A
- Inspected engine in accordance with a 100hr inspection checklist			

- Lycoming I0-360-AB6D(X) S/N L-10882-51A
- Inspected engine in accordance with a 100hr inspection checklist
 - Performed compression check; compressions: #1-78/80, #2-74/80, #3-78/80, #4-74/80 and boroscope cylinders; no defects noted
 - Drained oil, inspected suction screen, inspected and replaced oil filter (AA48103-2), no defects noted; serviced with 7qts Phillips 20W-50
 - Drained fuel injector, inspected finger screen, no water or debris noted; replaced 4ea injector nozzles (Precision Airmotive 2524864-2)
 - Replaced spark plugs, installed Denso IW27 Iridium plugs; checked ignition timing and inspected ignition leads and coil connections
 - Removed, inspected and reinstalled exhaust system to facilitate engine mount bushing replacement, no defects noted; reinstalled 3ea no-blow exhaust gaskets (77611); replaced #3 & #4 intake O-rings (77569) and intake gaskets (71953)
 - Ran engine, adjusted fuel servo idle/mixture +40 and idle 720RPM; leak and ops check good; no defects noted
- I certify that this engine was inspected on 14 Oct 20 in accordance with a condition inspection, scope and detail FAR 43 Appendix D, and was determined to be in a condition for safe operation.

James P. Scott, A&P 2757152

[illegible]

YEAR 20 <u>21</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN -----
DATE -----	A3 Aircraft Services HANGER 37, 5075 AIRPORT RD MIDLAND, VA 22728 Email: a3aircraftservices@gmail.com ph & fax 540-788-1749		

ENGINE **Lycoming** **IO-360-AB6D(X)** **S/N 1** **1988**
- Removed/replaced owner provided crankshaft seal. Reinstalled propeller, torqued, safetied, and verified blade track; no defects noted.

James P. Scott, A&P 2757152

4/17	1934.9			OIL + FILTER CHANGE AEROSHELL 15-50
7/25	1977			OIL + FILTER CHANGE PHILLIPS 20-50
				NO METERS NOTED OWNER: R. D. L. L.

YEAR 20 <u>19</u> 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.)
------------------------------	---------------------------	-------------------	-----------------------------	--

6/2/19 N952W
LYC-IO-360-A1B6DX SN: L-10882-51A
TACH: 1868.7 TSMOH: 493.7

100 HOUR INSPECTION COMPLETED THIS DATE. COMPRESSION CHECK: #1-78/80, #2-74/80, #3-78/80, #4-78/80. 8 NEW SPARK PLUGS INSTALLED PN-BR9ES. AD'S RESEARCHED AND COMPLIED WITH TO THIS DATE. RECURRING AD 15-19-07 NOT DUE AT THIS TIME-NEXT DUE 72.6 HRS TIS, ANY MAINT OR OH. RUN UP/ LEAK /OPS CHECK SATISFACTORY.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW THE SCOPE AND DETAIL OF A 100 HOUR INSPECTION AND IS FOUND TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE.

Jennifer Schindeldecker Jennifer Schindeldecker AP27485021A

11/17/19	N952W.	Fabricated 2 fuel lines. PTFE in braided stainless, -4 controller to fuel distributor, -6 filter to fuel pump. Leak checked, no leaks. Also tack welded new exhaust system together using new .062 308L stainless and old 321 stainless into new 4 into 1 merge collector purchased from Stainless Headers Mfg. INC. Lake City, MN System TIG welded by Certified welder Dan Davis. Modified the bottom of the fiberglass cowling for the new configuration. Test flight shows 4 to 6 knot improvement for 10 GPH fuel flow. Owner Chevrolet Cruise Certificate # 1572037		
----------	--------	---	--	--

YEAR 20 <u>20</u> 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.)
7/9/20	1885.0	TSMOH: 515.0		100 HOUR INSPECTION COMPLETED THIS DATE: COMPRESSION TEST: #1-78 #2-76 #3-78 #4-78 OIL CHANGED- REPLENISHED WITH PHILIPS X-C 20/50 FILTER CHANGED- NEW TEMPEST 103-2 INSTALLED. OLD FILTER CUT OPEN/INSPECTED- NO METAL NOTED. AD 15-19-07 NOT DUE AT THIS TIME. AD'S RESEARCHED AND COMPLIED WITH TO THIS DATE. ALL 8 SPARK PLUGS REPLACED WITH NEW - BR9ES. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW THE SCOPE AND DETAIL OF A 100 HOUR INSPECTION AND IS FOUND TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE. <i>Jennifer Schindeldecker</i> AP27485021A

YEAR 2017 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.)
8-3-17	SMOH		454.8	Change oil 8qt Phillips 20-50 X Country & new TEMPEST filter Cut open old filter. NO DEBRIS FOUND CERT # 1572037 OWNER <i>Chamney</i> <i>W. J. Jiggs</i>
10-1-17	AIRCRAFT		1835.6	

YEAR 2018 DATE	RECORDING TACH TIME ACTT	TODAY'S FLIGHT	TOTAL TIME IN SERVICE TSMOH	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.)
5/21	1841.3		461.7	LYC: IO-360-A1B6D SN L-10882-51A 100 HOUR INSPECTION COMPLETED THIS DATE. COMPRESSION CHECK AS FOLLOWS: #1 77/80, #2 74/80, #3 78/80, #4 78/80. AD 15-19-07-EXTERNAL FUEL INJECTOR LINES. CIW BY INSPECTION/TIGHTENING OF CLAMPS NEXT DUE - 110 HOURS TTS, ANY MAINT. ON FUEL LINES, OH. AD 17-16-11 NA BY ENGINE MODEL NUMBER - TABLE 1 SB 632B. RUN UP AND LEAD CHECK SATISFACTORY. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN THE SCOPE AND DETAIL OF A 100 HOUR INSPECTION AND IS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. JENNIFER SCHINDELDECKER AP 2748502-1A <i>Jennifer Schindeldecker</i>
10-15	1861.1		485.2	OIL & FILTER CHANGE 20-50 PHILLIPS X-C & TEMPEST 103-2 NO DEBRIS IN FILTER CERT 1572037 <i>Chamney</i> <i>W. J. Jiggs</i>

YEAR 20 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.)
--------------------	---------------------------	-------------------	-----------------------------	--

8/1/2015 N952W
Lyc. IO-360-A1B6D SN: L-10882-51A
TACH: 409 TT: ~~1869~~ **1797**
TSMOH: 409

100 hour inspection completed this date in the scope and detail of FAR 43 appendix D. Compression check- #1: 80, #2: 80, #3: 79, #4: 80. AD 15-02-07 NA no front mounted propeller governor installed. Run up and leak check- satisfactory.

I certify this engine has been inspected IAW the scope and detail of a 100 hour inspection and is found to be in an airworthy condition and approved for return to service.

Jennifer Schindeldecker
Jennifer Schindeldecker AP27485021A

8/6/15	409	1869	COMPLIED WITH SERVICE BULLETIN 543C OIL FILTER CONVERTER PLATE GASKET - VIBRA MARKED PLATE - (48.90 GASKET) CERT #1572037 <u>Chenman W. Briggs</u>
--------	-----	-----------------	---

YEAR 20 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.)
--------------------	---------------------------	-------------------	-----------------------------	--

10-3-15 419 ~~1879~~ OIL CHANGE PHIL X-C 20-50
FILTER CHANGE - NO METAL FOUND
CERT #1572037 Chenman W. Briggs

10/10/2016 N952W
Lyc. IO-360-A1B6D S/N: L-10882-51A
TACH: 437 TT: ~~1869~~ **25**
TSMOH: 437

100 hour inspection competed this date in the scope and detail of FAR 43 appendix (d). Cylinder compressions are as follows: #1 78/80, #2 78/80, #3 78/80, #4 76/80. New spark plugs installed, air filter cleaned. Run up and leak check- satisfactory.

I certify this engine has been inspected IAW the scope and of a 100 hour inspection and has been found to be in an airworthy condition and approved for return to service.

Dan B Davis

Dan B Davis A&P 469786177

+ 25 1877

Engine Record General Information

Manufacturer AVCO LYCOMING Model IO-360-A1B6D

Serial L-10882-51A Type Certificate 1E10

This engine is currently installed in aircraft: _____

Minimum Octane Fuel 100/130 Oil Grade Summer 50 Winter 40

Magneto Time 25° BTC Point Setting _____ Firing Order 1324

Spark Plug Gap .018

Manufacturer's Recommended Overhaul at 1800 hours INSTALLED ON N952W