

D-360 A1A L-36844-36A

N-1367R

1113951

\$ 495

EXPERIMENTAL

AIRCRAFT

ASSOCIATION



**EAA**®

**ENGINE  
AND REDUCTION DRIVE  
LOG BOOK**

The subject aircraft was involved in an incident / accident on 9/30/2024 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 4208482289US.

Signed: ***Underwriters Salvage Company***

Date: **1/27/2025**

AIG Aerospace Adjustment Services Inc  
3500 Lenox Road, Suite 1100

[illegible]

CARRY TOTAL TIME TO TOP OF NEXT PAGE

| ENGINE LOG |     |                               |                        |               |                                                                                                                                                                                                                             |           |
|------------|-----|-------------------------------|------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| YEAR       |     | RECORDING<br>TACH.<br>READING | TIME<br>THIS<br>FLIGHT | TOTAL<br>TIME | REMARKS                                                                                                                                                                                                                     | SIGNATURE |
| MO.        | DAY |                               |                        |               |                                                                                                                                                                                                                             |           |
|            |     |                               |                        |               | 6/6/2023 Tach 724.2 Changed oil and filter. Replaced fitting on carb heat. Replaced oil filler tube gasket. Tightened fittings on right fuel gauge which resolved erratic ammeter. Performed by Mike Lowry and Tom Redfield |           |
|            |     |                               |                        |               |                                                                                                                                                                                                                             |           |
|            |     |                               |                        |               |                                                                                                                                                                                                                             |           |
|            |     |                               |                        |               |                                                                                                                                                                                                                             |           |
|            |     |                               |                        |               | 7/1/2023 Tach 735.2 Changed starter solenoid. Replace valve cover gaskets with silicone gaskets.                                                                                                                            |           |
|            |     |                               |                        |               | Performed by Mike Lowry and Tom Redfield                                                                                                                                                                                    |           |
|            |     |                               |                        |               |                                                                                                                                                                                                                             |           |
|            |     |                               |                        |               |                                                                                                                                                                                                                             |           |
|            |     |                               |                        |               |                                                                                                                                                                                                                             |           |
|            |     |                               |                        |               |                                                                                                                                                                                                                             |           |
|            |     |                               |                        |               |                                                                                                                                                                                                                             |           |

|                      |                        |                                   |
|----------------------|------------------------|-----------------------------------|
| Make <u>Lycoming</u> | Model <u>O-360-A1A</u> | Serial No./No. <u>L-36844-36A</u> |
|----------------------|------------------------|-----------------------------------|

  

|              |       |      |        |                        |
|--------------|-------|------|--------|------------------------|
| Tach Reading | 770.1 | Date | 4-3-24 | Conditional Inspection |
|--------------|-------|------|--------|------------------------|

completed this date to include: Compression Results #1 70%  
 #2 70% #3 71% #4 70% Changed oil and Filter Reinstalled  
 CH48110-1 oil filter and 8 gts 100W Aeroshell cleaned  
 gapped and tested spark plugs. Inspected intake and  
 exhaust system for leaks or cracks. Installed new intake  
 gaskets and hoses on #2 and #4 cylinders. Tightened #4  
 cylinder intake pipe by swagging pipe in sump. I certify that  
 this Engine has been inspected in accordance with the scope and  
 detail of Part 43 Appendix D and found to be in a condition  
 for safe operation.

  

**NORTHWEST AVIATION**  
**MAINTENANCE, INC.**

1705 East Main Street • Griffith, IN 46319  
 Telephone: (219) 922-2632 • 800-247-7070

W.O. # \_\_\_\_\_

*Robert L. White*  
 AP 37415 OSI-A  
 Authorized Signature

| YEAR |            | RECORDING<br>TACH.<br>READING | TIME<br>THIS<br>FLIGHT                                                                                                                                             | TOTAL<br>TIME | ENGINE LOG |                    |
|------|------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|--------------------|
| MO.  | DAY        |                               |                                                                                                                                                                    |               | REMARKS    | SIGNATURE          |
|      | 11/26/2022 | Tach 702.1                    | Changed oil. Installed Tanis Heating system. Tightened bolts and screws in cabin and engine compartment to resolve erratic Tach readings. (Result was successful.) |               |            | <i>[Signature]</i> |
|      |            |                               | Performed by Mike Lowry and Tom Redfield                                                                                                                           |               |            |                    |
|      | 12/7/2022  | Tach 702.1                    | Manufactured and replaced exhaust mount on port side of aircraft.                                                                                                  |               |            |                    |
|      |            |                               | Performed by Mike Lowry                                                                                                                                            |               |            |                    |
|      | 12/15/2022 | Tach 702.5                    | Replaced all spark plugs with Champion REM 38-E. Tightened ground bolt connection in firewall.                                                                     |               |            | <i>[Signature]</i> |
|      |            |                               | Performed by Mike Lowry and Tom Redfield                                                                                                                           |               |            |                    |

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| REDUCTION UNIT LOG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                  |       |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------|------------------|
| Make                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u>Lycoming</u>                                                  | Model | <u>0-360-A1A</u> |
| Serial No./No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <u>L-36844-36A</u>                                               |       |                  |
| Tach Reading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u>705.8</u>                                                     | Date  | <u>4-4-23</u>    |
| <u>Conditional Inspection</u><br><u>Completed this date to include: Compression Results #1 2</u><br><u>#2 3 4 5 6, cleaned gapped and tested spark plugs.</u><br><u>Inspected intake and exhaust systems for leaks or cracks</u><br><u>and none found. Tightened oil return line drain line clamps</u><br><u>checked magneto timing. I certify this Engine has been</u><br><u>inspected in accordance with the scope and detail of Part</u><br><u>43 Appendix D and found to be in a condition for safe</u><br><u>operation.</u> |                                                                  |       |                  |
| <b>NORTHWEST AVIATION</b><br><b>MAINTENANCE, INC.</b><br>1705 East Main Street • Griffith, IN 46319<br>Telephone: (219) 922-2632 • 800-247-7070                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  |       |                  |
| W.O. #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u>AP 37415038</u><br><i>[Signature]</i><br>Authorized Signature |       |                  |

## ENGINE LOG

| YEAR |     | RECORDING<br>TACH.<br>READING | TIME<br>THIS<br>FLIGHT | TOTAL<br>TIME | REMARKS                                                             | SIGNATURE |
|------|-----|-------------------------------|------------------------|---------------|---------------------------------------------------------------------|-----------|
| MO.  | DAY |                               |                        |               |                                                                     |           |
| 4.   | 9.  | 2022                          |                        |               |                                                                     |           |
|      |     | TACH: 679.8                   |                        |               | Completed inspection of condition this date. Changed oil,           |           |
|      |     | TTE: 679.8                    |                        |               | cut & inspect oil filter (No dirt found). And Fgts Haroldell        |           |
|      |     |                               |                        |               | W-100 and Cannon CH-48110-1011 filter. Performed                    |           |
|      |     |                               |                        |               | compression test #1) 80/80 #2) 78/80 #3) 79/80 #4) 79/80            |           |
|      |     |                               |                        |               | Cleaned, gapped spark plugs (replaced 1 plug), inspected carburetor |           |
|      |     |                               |                        |               | finger screen. Replaced air intake filter. Airworthiness            |           |
|      |     |                               |                        |               | Directives complied with through update 2022-07/08.                 |           |
|      |     |                               |                        |               | I certify that this engine has been inspected under                 |           |
|      |     |                               |                        |               | the scope and detail of inspection of condition per                 |           |
|      |     |                               |                        |               | FAR part 43 App. D and was found to be in                           |           |
|      |     |                               |                        |               | airworthy condition.                                                |           |
|      |     |                               |                        |               | Allen M. Ochs                                                       |           |
|      |     |                               |                        |               | FA 67405365                                                         |           |

## ENGINE LOG

| YEAR |     | DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS                      |
|------|-----|--------------------------------------------------------------------------|
| MO.  | DAY |                                                                          |
| 4.   | 9.  | 2022 Completed inspection of condition this date on installed Hartzell   |
|      |     | TACH: 679.8 Propeller HC-C2YK-1BF/F-FLAT, Ser. No: CH34944 B., and       |
|      |     | TTE: 570.8 complied with through update 2022-07/08. I certify that this  |
|      |     | propeller has been inspected under the scope and detail of an inspection |
|      |     | TACH: 679.8 of condition per FAR part 43 App. D and was found to be      |
|      |     | TTE: 570.8 in Airworthy condition                                        |
|      |     | Allen M. Ochs                                                            |
|      |     | FA 67405365                                                              |

## MOUNTAIN AIR AVIATION

11750 Airport Way Hangar B12C, Broomfield, CO 80021  
303-469-1380

Engine Log entry

N136TR 12-23-21 Tach=679.8

Disassembled mags cleaned and checked replaced bottom of  
one mag and reassembled ops check ok.

-----END-----

Dug Boom IA333224

[illegible][illegible]

| YEAR      |     | RECORDING<br>TACH.<br>READING | TIME<br>THIS<br>FLIGHT | ENGINE LOG    |  | REMARKS                    | SIGNATURE |
|-----------|-----|-------------------------------|------------------------|---------------|--|----------------------------|-----------|
| MO.       | DAY |                               |                        | TOTAL<br>TIME |  |                            |           |
| 2000      |     |                               |                        | 14665         |  |                            |           |
| 10        | 15  | 2.1                           | 1.8                    | 1.6           |  | First flight test          | Sheffield |
| 2001      | 5   | 58                            |                        |               |  | Mantle SB 549 N/A          | Sheffield |
| 2001      | 7   | 75                            | .4                     | 100.4         |  | Oil - Aeroshell 100        | Sheffield |
| 8/8/2001  |     | 102.9                         |                        | 136.6         |  | 8qt Aeroshell 100 + Filter | Sheffield |
| 10/2/2001 |     | 103.0                         | .1                     | 144.9         |  | Prop functional            | Sheffield |
| 3/1/02    |     | 150.0                         |                        | 200.0         |  | Oil Aeroshell 100 + Filter | Sheffield |
| 5/10/2002 |     | 172.0                         | .5                     | 203.          |  | Oil Aeroshell 100          | Sheffield |
| 7/17/2002 |     | 200.4                         |                        |               |  | Aeroshell 100 + Filter     | Sheffield |
| 8/23/02   |     | 225.2                         |                        |               |  | Aeroshell 100 + Filter     | Sheffield |
| 12/30/02  |     | 249.2                         |                        |               |  | Aeroshell 100 + Filter     | Sheffield |
| 5/1/03    |     | 271                           |                        |               |  | 8 Aeroshell 100 + Filter   | Sheffield |
| 2/14/04   |     | 327                           |                        |               |  |                            |           |
| 7/15/04   |     | 352                           |                        |               |  |                            |           |
| 7/15/04   |     | 352                           |                        |               |  |                            |           |

AIR FILTER CARRY TOTAL TIME TO TOP OF NEXT PAGE

| DATE     |  | MEMORANDA                                                    |  |
|----------|--|--------------------------------------------------------------|--|
| 12/20/00 |  | LEFT MAGNETO P/N 4771 S/N 00101654                           |  |
| "        |  | RIGHT MAG P/N 4770 S/N 00102040                              |  |
| 11/3/00  |  | Oil change 8qt Aeroshell 100 mineral oil                     |  |
| 2/10/01  |  | Oil change 8qt Phillips XC 20-W-50                           |  |
| 7/5/01   |  | Oil Chg 8qt Aeroshell 100 TACH 125                           |  |
| 10/12/01 |  | Differential compression #1 80/74 #2 80/74 #3 80/74 #4 80/74 |  |
| 3/1/02   |  | Oil chg - 150hr 100W + Filter                                |  |
| 12/30/02 |  | Diff Compres 80/78 80/77 80/78 80/77 -                       |  |
| 7/15/03  |  | Replaced alternator TACH 352                                 |  |
| 9/27/04  |  | Oil change REPLACED BRAKE SHOCKS                             |  |
| 6/18/05  |  | TACH 400.9 Oil + Filter                                      |  |
| 8/27/05  |  | TACH 429.6 Oil chg checked brake fluid                       |  |
| 7/14/06  |  | TACH 453.1 Oil + Filter + BRAKE FLUID (ROTTER MARK)          |  |
| 05/04/06 |  | " 479.9 Oil + BRAKE FLUID                                    |  |
| 9/30/08  |  | OIL                                                          |  |

413 - 126  
327

# ENGINE DATA

(THIS PAGE MUST BE FILLED OUT COMPLETELY)

MANUFACTURER LYCOMING MODEL O-360-A1A SERIAL NO. L-36844-36A

DISPLACEMENT 361.0 OIL PRESSURE MAX 95 MIN. 55 OIL TEMP MAX. 245 MIN. 160

WEIGHT 290 lbs RATED H.P. 180 AT 2700 R.P.M.

OIL GRADE: SUMMER SAE 40 WINTER SAE 40 OIL CAPACITY 8 qt

FUEL MINIMUM OCTANE \_\_\_\_\_ FIRING ORDER 1-3-2-4

MAGNETO TIMING 25° BTDC MAGNETO POINT SETTING N/A

SPARK PLUG GAP \_\_\_\_\_