

ENGINE LOG BOOK

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4. ORGANIZATION NAME AND ADDRESS: EJ1R115K
Lycoming Engines, 652 Oliver St., Williamsport, PA 17701

LOG #: _____

| 6. ITEM: | 7. DESCRIPTION: | 8. PART NUMBER: | 9. QUANTITY: | 10. |
|----------|-----------------|-----------------|--------------|-----|
| 1.1 | Aircraft Engine | HENPL-RT10051 | 1 | |

12. REMARKS: **ENGINE MODEL: IO-360-M1A**
Certifies that the work specified in block 11/12 was carried out in accordance with EASA 145 and with respect to that work the is considered ready for release to service under EASA Acceptance Certificate Number: EASA.145.5704
This engine was overhauled in accordance with Lycoming Overhaul manual 60294-7 latest revision and all applicable Lycoming air Full details of work carried out per work order on file at Lycoming Engines.

13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in condition for safe operation.
 Non-approved design data specified in Block 12.

14a. 14CFR 43.9 Re
 Other regulation
Certifies that unless otherwise specified identified in Block 11 and described in accordance with Title 14, Code in respect to that work, the item

13b. Authorized Signature:

13c. Approval/ Authorization No.:

14b. Authorized Signature:

13d. Name (Typed or Printed):

13e. Date (dd/mm/yy):

14d. Name (Typed or Printed):

J. DABBACK

USER/INSTALLER RESPONSIBILITIES

It is important to understand that the existence of this document alone does not automatically constitute authorization of engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority /article(s) from the Airworthiness Authority of the country specified in block 1.

Statements in Block 13a and 14a do not constitute installation certification. In all cases maintenance records certification issued in accordance with the national regulations by the user/installer before the aircraft may be

Engine Log & Maintenance Record

RECORD OF _____
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: _____

FROM _____ 20____ TO _____ 20____

DETAILING TIME FROM _____ TO _____
(HOURS) (HOURS)

If used on a multi-engine aircraft: Right Left Front Rear

Overhaul Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been OVERHAULED in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.



Part Number HENPL-RT10051
Serial Number L-31908-51E
Engine Model IO-360-M1A
Work Order AR707467
Total Time 2005.5

Charles Hess 3/1/18
Authorized Representative Date

Repair Station EJ1R115K

652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Engine Log

Serial # _____

Date: 10/4/18 N176DS S/N: 40.376
 Engine: Lycoming IO-360-M1A S/N: L-31908-51E
 Total Time: 0.0 Tach 3488.7 Hobbs: 4791.2

MX Aero Global LLC
 2901A E. Spring St. Long Beach, CA 90806
 Main: 562.366.4806
 Cell: 562.881.5345

- 1. Installed engine IAW DA40 AMM 71-00-00 and performed run-in procedures and adjustments IAW SI1241C and SI1427C.
- 2. ADs current to biweekly revision 2018-20.
- 3. Performed ground run operational and leak check.

I certify the above work was performed IAW DA40 AMM and is in airworthy condition.

Authorized Signature: _____
 David Seastead AP3492477 IA

Date: 10/26/2018 N176DS S/N: 40.376
 Tach Time: 3512.0 Hobbs: 4868.2

Angel City Flyers
 2901A E. Spring St. Long Beach, CA 90806
 Main: 562.366.4806
 Cell: 562.881.5345

- 1. Replaced Oil Filter P/N: 08-04973 IAW DA40 AMM section 12-10
- 2. Oil change 8qt of M SAE20W-50 IAW DA40 AMM section 12-10

I certify the above work was performed IAW DA40 AMM and was determined to be in airworthy condition.

Authorized Signature: _____
 Sam Huynh AP3875230

Date: 11/2/18 N176DS S/N: 40.376
 Engine: Lycoming IO-360-M1A S/N: L-31908-51E
 Total Time: 28.9 Tach: 3517.6 Hobbs: 4875.7

MX Aero Global LLC
 2901A E. Spring St. Long Beach, CA 90806
 Main: 562.912.4263
 Cell: 562.881.5345

- 1. Performed 100Hr inspection using DA40 AMM as a guide.
- 2. Checked engine compression: #1 76/80 #2 76/80 #3 78/80 #4 76/80.
- 2. Inspected, cleaned and reinstalled fuel system screen.
- 3. AD 2015-19-07 (fuel injector lines) inspected IAW Lycoming MSB342G. Next due by 3617.6.
- 4. ADs current to biweekly revision 2018-21.
- 5. Performed ground run operational and leak check.

I certify this engine has been inspected IAW an 100Hr Inspection and was determined to be in airworthy condition.

Authorized Signature: _____
 JUSTIN CONNELL AP3290243 IA

Date: 01/07/2019 N176DS S/N: 40.376
 Engine: Lycoming IO-360-M1A S/N: L-31908-51E
 Total Time: 126 Tach: 3614.7 Hobbs: 5010.4

MX Aero Global LLC
 2901A E. Spring St. Long Beach, CA 90806
 Main: 562.366.4806
 Cell: 562.881.5345

- 1. Performed 100 Hour Inspection using DA40 AMM as a guide.
- 2. Replaced oil filter P/N AA48110-2. Serviced with X/C 20W-50 IAW DA40 AMM 12-10-00
- 3. Checked engine compression #1 80/80 #2 80/80 #3 80/80 #4 76/80
- 4. Inspected, cleaned and reinstalled fuel system screen.
- 6. AD 2015-19-07 (fuel injector lines) inspected IAW Lycoming MSB342G. Next due by Tach: 3714.7
- 7. ADs current to biweekly revision 2018-26
- 8. Performed ground run operational and leak check.

I certify this aircraft has been inspected IAW a 100Hr inspection and was determined to be in airworthy condition.

Authorized Signature: _____
 Jorge Sanchez AP2761073

Page Total: _____

Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

| Date | Time Run (Hours) | Total Time Since Overhaul | Repairs, Adjustments, Service, Remarks | Signature | Licence # |
|------|------------------|---------------------------|--|-----------|-----------|
| BROJ | | | | | |
| | | | N176DS Tom's Aircraft Phone 1-562-426-5331 DATE 03/11/2019 L-31908-51A LLC FAX 1-562-426 1052 TACH 3690.8 IO-360-M1A 2721 E Spring Street * Long Beach Int'l Airport *Long Beach, CA 90806 T TIME 2007.6 WO# 19-229 ENGINE LOG ENTRY TSMOH 202.1 1.1 Completed a 100 HR inspection using Ac 43-13 Appendix D, The Diamond Maintenance manual 6.02.01, REV 7, Dated 4/01/2013 chapter 5.28.00 and the Lycoming Operation Manual PN# 60297-12, REV 8, Dated 10/01/2005 as a reference. 1.2 Performed Compression Check 1. 78/80 2 76/80 3 77/80 4 78/80 1.3 Changed the oil and the filter, Added 8 QTS Phillips 20w50, Oil filter CH48110-1.2.3 These items identified above were repaired and/or inspected in accordance with current Federal Aviation This ENGINE has been inspected in accordance with a 100HR/annual inspection as per FAR PART 43 APPENDIX D. This inspection used the DIAMOND DA-40 service manual as a reference. This engine was found to be in an airworthy condition. Washed and ran the engine. All systems ops check good. This Engine is approved for return to service. FRANCIS SALISBURY | | |
| | | | FAA REPAIR STATION VTMR569K | | |

| Date | Time Run (Hours) | Total Time Since Overhaul | Repairs, Adjustments, Service, Remarks | Signature | Licence # |
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