

ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N111RD

Engine Manufacturer LYCOMING

Model IO-540-AA1A5MM SPEC. 1E4

Serial No. L-32893-48E

Date installed on aircraft 3/20/08

Time Between Overhauls (TBO) 1800 Hours

If used on multi-engine aircraft:

☒ Right

☐ Left

☐ Front

☐ Rear

AERO
TECH PUBLICATIONS INC.

FREEHOLD, N.J. 07728

Aircraft Services SWFL

Labelle FL 33935

Right Engine

Date: 11-05-16 N6071R TTSN: 1165.6 Hobbs: 3137.0

- Performed oil change, serviced with 10QT Phillips 20W-50 and CH48110-1 Filter
- Cleaned turbo actuator filter and breather element. Washed eng with mineral spirits
- Resealed 3 ea intake tubes with new o-rings P/N: 72711 and gasket P/N: 71973
- performed leak and ops check, no defects noted at this time

KELLEN LUKSCH

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

Aircraft Services SWFL

Labelle FL 33935

Right Engine

Date: 11-25-16 N6071R TTSN: 1180.6 Hobbs: 3152.0

- Removed and replaced Forward exhaust, installed Inconel Forward exhaust Kit # 032-001, Filed 337 with FAA
- Installed tailpipe and wastegates with new provided gaskets, Rigged wastegates per AMM

KELLEN LUKSCH

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

Aircraft Services SWFL

Labelle FL 33935

Right Engine

Date: 12-24-16 N6071R TTSN: 1206.0 Hobbs: 3177.4

- Performed oil change, serviced with 10QT Phillips 20W-50 and CH48110-1 Filter
- Cleaned turbo actuator filter and breather element. Washed eng with mineral spirits. Cut oil filter no metal found at this time
- performed leak and ops check, no defects noted at this time

Robert Pinto A&P

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

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Mullens Aviation

Labelle FL 33935

Right Engine

Date: 2-28-17 N6071R TTSN: 1225.5 Hobbs: 3196.9

- Removed and replaced left turbo charger Hartzell factory rebuild part # CF600803-9001 serial # H-TR1216006
- Replace Tail pipe gasket part # 320006-545 and waste gate gasket part # 320006-547
- Replace champion oil filter CH48110-1 cut old filter no metal found at this time
- Installed tailpipe and wastegates gaskets, Rigged wastegates per AMM

Douglas Trance A&P

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

Mullens Aviations

Labelle FL 33935

Right Engine

Date: 3-12-17 N6071R TTSN: 1238.0 Hobbs: 3209.4

- Performed oil change, serviced with 10QT Phillips 20W-50 and CH48110-1 Filter
- Cleaned turbo actuator filter and breather element. Washed eng with mineral spirits. Cut oil filter no metal found at this time
- performed leak and ops check, no defects noted at this time

Douglas Trance A&P

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Mullens Aviation

Labelle FL 33935

Right Engine

Date: 5-22-2017 N6071R TTSN: 1287.6 Hobbs: 3259.0

Performed an Annual inspection I.A.W. Acrostar and Lycoming Service instructions and checklists. Run engine to ops temps. Perform compression tests #1 77/80 #2 77/80 #3 78/80 #4 78/80 #5 79/80 #6 78/80. Remove spark plugs clean, gap and install. Change oil and filter. Serviced engine with 10 quarts of 20-50 Phillips oil. Run and leak check. No oil leaks found at this time. Cut oil filter open to check for metal. No metal found at this time. Soak waste gates and rod end bearings with mouse milk. Checked waste gate preload and T.O. power setting. C/W 90-91-02 PT B Machen 100-hour tail pipe inspection. No defects found at this time. Due again at 1387.06 Engine Total Time or 3359.0 aircraft hobbs. AD 2002-24-07 scavenge pump P.C.W. new style pump installed. AD 2015-19-07 C/W I.A.W 342. Due again at 1387.6 Engine Total Time or 3359.0 hobbs. AD 2003-14-03 torque check N.A. New style fuel pump installed. No action required at this time. AD 2004-10-14 N.A. at this time. Due if any prop strike or sudden stoppage occurs. C/W 2009-02-03 by checking torque. Not loose. Due again in 50 hours or at 1337.6 TT. AD 2012-19-01 N.A. by overhaul date. No action required. I certify this engine has been inspected I.A.W. an Annual inspection and has been determined to be in airworthy condition at this time.

Robert Pinto A&P I.A.

Mullens Aviation

Labelle FL 33935

Right Engine

Date: 7-16-2017 N6071R TTSN: 1317.8 Hobbs: 3289.0

- Performed oil change, serviced with 10QT Phillips 20W-50 and CH48110-1 Filter.
- Cleaned turbo actuator filter and breather element. Washed eng with mineral spirits. Cut oil filter no metal found at this time. Lubed waste gates.
- performed leak and ops check, no defects noted at this time.

Paeton Johnson A&P

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

Mullens Aviations

Labelle FL 33935

Right Engine

Date: 8-23-2017 N6071R TTSN: 1349.2 Hobbs: 3320.4

- Performed oil change, serviced with 10QT Phillips 20W-50 and CH48110-1 Filter.
- Cleaned turbo actuator filter and breather element. Washed eng with mineral spirits. Cut oil filter no metal found at this time. Lubed waste gates.
- Replaced 4 waste gate rod ends rigged as per maintenance manual
- performed leak and ops check, no defects noted at this time.

Paeton Johnson A&P

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

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Mullens Aviation

Labelle FL 33935

Right Engine

Date: 10-25-2017 N6071R TTSN: 1386.6 Hobbs: 3357.8

- Performed oil change, serviced with 10QT Phillips 20W-50 and CH48110-1 Filter.
- Cleaned turbo actuator filter and breather element. Washed eng with mineral spirits. Cut oil filter no metal found at this time. Lubed waste gates.
- performed leak and ops check, no defects noted at this time.

Paeton Johnson A&P

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

Mullens Aviations

Labelle FL 33935

Right Engine

Date: 1-29-2018 N6071R TTSN: 1416.0 Hobbs: 3387.2

- Performed oil change, serviced with 10QT Phillips 20W-50 and CH48110-1 Filter.
- Cleaned turbo actuator filter and breather element. Washed eng with mineral spirits. Cut oil filter no metal found at this time. Lubed waste gates.
- performed leak and ops check, no defects noted at this time.

Paeton Johnson A&P

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

Mullens Aviation

Labelle FL 33935

Right Engine

Date: 5-1-2018 N6071R TTSN: 1453.6 Hobbs: 3424.8

Performed an Annual inspection I.A.W. Aerostar and Lycoming Service instructions and checklists. Run engine to ops temps. Perform compression tests #1 74/80 #2 74/80 #3 73/80 #4 75/80 #5 76/80 #6 78/80. Remove spark plugs clean, gap Replace 4 RHB36S and install. Clean injectors replace O-rings and reference hoses. Replace # 4 induction gasket and O-ring. Change oil and filter. Serviced engine with 10 quarts of 20-50 Phillips oil. Run and leak check. No oil leaks found at this time. Cut oil filter open to check for metal. No metal found at this time. Soak waste gates and rod end bearings with mouse milk. Checked waste gate preload and T.O. power setting. C/W 90-91-02 PT B Machen 100-hour tail pipe inspection. No defects found at this time. Due again at 1553.4 Engine Total Time or 3524.8 aircraft hobbs. AD 2002-24-07 scavenge pump P.C.W. new style pump installed. AD 2015-19-07 C/W 1.A.W 342. Due again at 1553.4 Engine Total Time or 3524.8 hobbs. AD 2003-14-03 torque check N.A. New style fuel pump installed. No action required at this time. AD 2004-10-14 N.A. at this time. Due if any prop strike or sudden stoppage occurs. C/W 2009-02-03 by checking torque. Not loose. Due again in 50 hours or at 1503.4 TT. AD 2012-19-01 N.A. by overhaul date. No action required. I certify this engine has been inspected I.A.W. an Annual inspection and has been determined to be in airworthy condition at this time.

Robert Pinto A&P

I.A.

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Mullens Aviation
 [REDACTED] Labelle FL 33935 [REDACTED]
 Right Engine
 Date: 7-5-2018 N6071R TTSN: 1488.0 Hobbs: 3459.2

- Performed oil change, serviced with 10QT Phillips 20W-50 and CH48110-1 Filter.
- Cleaned turbo actuator filter and breather element. Washed eng with mineral spirits. Cut oil filter no metal found at this time. Lubed waste gates.
- performed leak and ops check, no defects noted at this time.

[REDACTED]
 Paeton Johnson A&P [REDACTED]

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

Mullens Aviation
 [REDACTED] Labelle FL 33935 [REDACTED]
 Right Engine
 Date: 8-23-2018 N6071R TTSN: 1510.2 Hobbs: 3481.4

- Performed oil change, serviced with 10QT Phillips 20W-50 and CH48110-1 Filter.
- Cleaned turbo actuator filter and breather element. Washed eng with mineral spirits. Cut oil filter no metal found at this time. Lubed waste gates.
- performed leak and ops check, no defects noted at this time.

[REDACTED]
 Paeton Johnson A&P [REDACTED]

MAINTENANCE RELEASE: I certify this aircraft has been inspected I.A.W. appropriate technical data and has been determined to be in airworthy condition at this time.

Mullens Aviation
 [REDACTED] Labelle FI [REDACTED]
 Date: 10/06/2018 N6071R Hobbs: 3504.9 TTSN: 1533.5
 Right Engine

- Changed oil serviced with 10 Qts Phillips 20W50 oil and champion oil filter 48110-1 cut filer no metal found at this time.
- Lubed waste gate clean breather filter and turbo actuator filter.
- Replaced inboard turbo, lower support bracket with serviceable unit.
- Replaced #5 cylinder CHT probe Insight P/N: 2852.

[REDACTED]
 Paeton Johnson A&P [REDACTED]
 MAINTENANCE RELEASE: I certify that work completed has been ops and leak checked ok and has been determined to be in airworthy condition at this time

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Mullens Aviation

Labelle FL [REDACTED]

Date: 11/14/2018 N6071R Hobbs: 3520.2 TTSN: 1549.0

Right Engine

- Changed Pneumatic Pressure pump P/N: RAP441CC-17 S/N: C4354 with Overhauled from Airpower Accessories P/N: 441CC-17 S/N: 424175 WO# 008479.
- Replaced Pump gasket P/N: 8313 and adaptor gasket P/N: 61183.
- Replaced Garloc Oil seal P/N: SL-STD-208

[REDACTED] Tadeusz C. Szymanski A&P [REDACTED]

MAINTENANCE RELEASE: I certify that work completed has been ops and leak checked ok and has been determined to be in airworthy condition at this time

Mullens Aviation

Labelle FL [REDACTED]

Date: 11/27/2018 N6071R Hobbs: 3524.9 TTSN: 1553.7

Right Engine

- Changed oil serviced with 10 Qts Phillips 20W50 oil and champion oil filter 48110-1 cut filter no metal found at this time.
- Lubed waste gate clean breather filter and turbo actuator filter.

[REDACTED] Brian De Jesus Grullon A&P [REDACTED]

MAINTENANCE RELEASE: I certify that work completed has been ops and leak checked ok and has been determined to be in airworthy condition at this time

Mullens Aviation

Labelle, FL 33935 Ph [REDACTED]

Aircraft: N6071R Date: 08/01/2019 Acft. Hobbs: 3542.7 TSNEW: 1571.5 TT: 1571.5

Right Engine Log

This engine has been inspected IAW an Annual Inspection per FAR 43 Appendix D, also using the Aerostar Maintenance Manual checklist and was found to be in an airworthy condition. AD's were checked for compliance through most current issue to date. Removed and inspected oil filter, acceptable contaminants found. Installed new CH48110-1 oil filter. Serviced engine with 10 qts. Phillips 20W50 oil. Installed missing adel clamp at oil cooler. Performed compression check as follows: #1=78/80 #2=77/80 #3=71/80 #4=78/80 #5=65/80 #6=72/80. Cleaned, gapped, checked and rotated spark plugs. Lt and Rt Magneto timing was IAW engine data plate. Replaced blast tube outboard magneto. Freed up, rigged and lubed waste gates. AD 15-19-07 Complied with by visually insp. Replaced clamps as needed next due Sept. 01, 2020 or Hobbs: 3642.7 or any engine maintenance. Cleaned stainless induction air filter. Tightened valve cover screws.

[REDACTED] Tadeusz C. Szymanski A&P [REDACTED] IA

MAINTENANCE RELEASE: I certify that work completed has been ops and leak checked ok and has been determined to be in airworthy condition at this time.

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