

Date

Total Time

Time Since

ice Record
pecial Inspections

Technician(s): M. Gavriluk, A. Andrews

The engine and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Inspector:

J. Verderber for
CRS# PCPR439B

ETT: 1037.4

July 23, 2013

I certify that this engine has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition, and is approved for return to service.

Inspector:

J. Verderber for
CRS# PCPR439B

Brought Forward

Mather Aviation, LLC

Sacramento Mather Airport, CA 95655

FAA CRS No. PCPR439B

WO#: 420305

December 9, 2013

N20847, Cessna 182P

S/N: 18261235

Tach: 4533.8

This is a permanent part of the **Engine Records**. Pertinent details of the work performed are on file at this Repair Station.

1. Drained oil and changed filter. Serviced with Aeroshell 100W oil. Took oil sample and opened filter for inspection. No defects noted. Ground run satisfactory. No leaks noted.

Technician(s): J. Zapfen

The aircraft and/or component identified above have been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Inspector:

John Verderber for CRS# PCPR439B

May 9, 2014

N20847, TCM IO-520-D116B

S/N: 832532-R

Hour Meter: 4584.1

AETT: 10314.6

Mather Aviation, LLC

Sacramento Mather Airport, CA 95655

FAA CRS No. PCPR439B

WO#: 420633

This is a permanent part of the **Engine Records**. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:

1. Complied with an Annual Inspection in accordance with Mather Aviation Inspection Checklist Form No. DOJ-ANNUALSE.
2. Drained oil and changed filter serviced with Aeroshell 100 Mineral oil. Opened oil filter and inspected. No defects noted. Took oil sample. Ground run satisfactory no leaks noted.
3. Comply with a compression test per TCM SB 03-3. 1) Repaired/80, 2) 59/80, 3) 64/80, 4) 65/80, 5) 7/80, 6) 70/80 Comparator at 49/80. No leaks past the static seal.
4. Removed #1 Cylinder and installed repaired cylinder P/N 655469 S/N 17829-2 From Eagle Engines FAA CRS NO3R717L. Complied with Continental Motors SB M89-7 R1 for ground runs
5. Complied with the 12 month / 200 hour replacement of the Brackett Induction air filter.
6. Complied with the Instructions for Continued Airworthiness of the air plains 300 engine installation with no defects noted. Next due 4684.1 / 5/2015.
7. Installed new #1 cylinder EGT probe.

Technician(s): E. Burns, J. Henrik, A. Andrews

The engine and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Inspector:

J. Verderber for
CRS# PCPR439B

ETT: 1138.8

May 9, 2014

I certify that this engine has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition, and is approved for return to service.

Inspector:

J. Verderber for
CRS# PCPR439B

Remarks

 PART NAME: Engine ☐ Cylinder ☒ Other: ☐
 Part Model No. 655469
 Part Serial No. 17829-2
 Tachometer ☐

EAGLE ENGINES

A Division of Ameritech Industries, Inc.

F.A.A. Repair Station number N03R717L

20208 Charlanne Dr., Redding, California 96002 U.S.A.

Work accomplished Refaced valves, 3 angle cut valve seats,
deglazed bore, fit new rings per CMI S.I. 97-40.
Nothing follows.

The aircraft and/or component identified above was replaced and inspected in accordance with Federal Aviation regulations and is approved for return to service.
Pertinent details are on file at this agency under Work Order No.

Invoice No. 17829-04-2014

Dated 04/17/2014

Signed [Signature] Authorized Individual

Records. Pertinent details of the work performed are on file at this Repair Station.

Serviced with Aeroshell 100W oil. Took oil sample and opened filter d. Ground run satisfactory. No leaks noted.

Have been repaired and inspected in accordance with Federal return to service with respect to the work performed.

PCPR439B

Mather Aviation, LLC

Sacramento Mather Airport, CA 95655

FAA CRS No. PCPR439B

AFTT: 10314.6

WO#: 420633

Records. Pertinent details of the work performed are on file at this agency under Work Order No.

tion in accordance with Mather Aviation Inspection Checklist

ried with Aeroshell 100 Mineral oil. Opened oil filter and k oil sample. Ground run satisfactory no leaks noted.

per TCM SB 03-3. 1) Repaired/80, 2) 59/80, 3) 64/80, 4) 65/80, 5) 80. No leaks past the static seal.

ed repaired cylinder P/N 655469 S/N 17829-2 From Eagle Complied with Continental Motors SB M89-7 R1 for ground runs.

10 hour replacement of the Brackett Induction air filter. or Continued Airworthiness of the air plains 300 engine

L. Next due 4684.1 / 5/2015.

rope.

ndrews

above has been repaired and inspected in accordance with approved for return to service with respect to the work performed.

ETT: 1138.8

ed in accordance with an Annual Inspection and was n, and is approved for return to service.

December 9, 2013
 N20847, Cessna 182P
 S/N: 18261235
 Tach: 4533.8
 This is a permanent part of the Engine Records. Pertinent details of the work performed on this engine are as follows:
 Station. 1. Drained oil and changed filter. Serviced with Aeroshell 100W oil for inspection. No defects noted. Ground run satisfactory. No leaks.
 Technician(s): J. Zapien
 The aircraft and engine component identified above have been repaired and inspected for return to service with respect to the following:
 Aviation Regulations
 Inspector: [Redacted] S# PCPR439B

May 9, 2014
 N20847, TCM IO-520-D116B
 S/N: 832532-R
 Hour Meter: 4584.1
 AFTT: 10314.6
 This is a permanent part of the Engine Records. Pertinent details of this Repair Station. The following inspections, repairs or component accomplished:
 1. Complied with an Annual Inspection in accordance with Form No. DOJ-ANNUALSE.
 2. Drained oil and changed filter serviced with Aeroshell inspected. No defects noted. Took oil sample. Ground
 3. Comply with a compression test per TCM SB 03-3. 1) 7/80, 6) 70/80 Comparator at 49/80. No leaks past the
 4. Removed #1 Cylinder and installed repaired cylinder
 5. Engines FAA CRS NO3R717L. Complied with Continued Airworthiness with the 12 month / 200 hour replacement
 6. Complied with the Instructions for Continued Airworthiness installation with no defects noted. Next due 4684.1 /
 7. Installed new #1 cylinder EGT probe.

Technician(s): E. Burns, J. Henrik, A. Andrews
 The engine and/or component identified above has been repaired and inspected for return to service with respect to the following:
 Federal Aviation Regulations
 Inspector: [Redacted] S# PCPR439B

May 9, 2014
 I certify that this engine has been inspected in accordance with the applicable regulations, and is approved for return to service.
 Inspector: [Redacted] CRS# PCPR439B

PARTIAL MAINTENANCE RELEASE

MANUFACTURER: Continental Motors Inc. ☒ Textron Lycoming ☐

PART NAME: Engine ☐ Cylinder ☒ Other: _____

Part Model No. 655469

Part Serial No. 17829-2

Remarks _____

EAGLE ENGINES

A Division of Ameritech Industries, Inc.

F.A.A. Repair Station number N03R717L

20208 Charlanne Dr., Redding, California 96002 U.S.A.

(530) 221-4470



ed in accordance with an Annual Inspection and was
on, and is approved for return to service.

This is a permanent part of the **Engine Records**. Pertinent details of the work performed are on file at this Repair Station.
 1. Complied with 25 hour oil change due to a cylinder change. Drained oil and changed filter, serviced with AeroShell 100w oil. Opened filter and inspected no defects noted. Took oil sample.
 2. Engine ground run satisfactory no leaks noted.
 The aircraft was ~~not~~ a component identified above was repaired and inspected in accordance with current Regulations and is airworthy with respect to the work performed.
 The aircraft of the Federal Aviation Administration is ~~not~~ a component identified above was repaired and inspected in accordance with current Regulations and is airworthy with respect to the work performed.
 Inspector: [redacted] 24198

PARTIAL MAINTENANCE RELEASE

MANUFACTURER: Continental Motors Inc. ☒ Textron Lycoming ☐

PART NAME: Engine ☐ Cylinder ☒ Other _____

Part Model No. 655469

Part Serial No. 17829-3

Remarks _____

has been repaired and inspected in accordance with
for return to service with respect to the work performed.

ETT-10374
accordance with an Annual Inspection and was
is approved for return to service.

Mather Aviation, LLC
Sacramento Mather Airport, CA 95655
FAA CRS No. PCPR439B
WO# 420895

Partinent details of the work performed are on file at this Repair
Station. Drained oil and changed filter serviced with Aeroshell 100W oil. Took oil sample and opened filter
and run satisfactory. No leaks noted.

been repaired and inspected in accordance with Federal
service with respect to the work performed.

Mather Aviation, LLC
Sacramento Mather Airport, CA 95655
FAA CRS No. PCPR439B
WO# 420633

ETT-103146
Partinent details of the work performed are on file at
repairs or component part replacements were

accordance with Mather Aviation Inspection Checklist
with Aeroshell 100 Mineral oil. Opened oil filter and
ole. Ground run satisfactory no leaks noted.
SB 03-3. 1) Repaired/80, 2) 59/80, 3) 64/80, 4) 65/80, 5)
leaks past the static seal.

d cylinder P/N 655469 S/N 17829-2 From Eagle
with Continental Motors SB M89-7 R1 for ground runs.
placement of the Bracket Induction air filter
Airworthiness of the air plains 300 engine
4684.1 / 5/2015

been repaired and inspected in accordance with
um to service with respect to the work performed.

ETT-11388
ance with an Annual Inspection and was
rived for return to service.

Ice Record Special Inspections,

Date Total
Hrs.

Brought Forward

February 18, 2015

N20847, Cessna 182P

S/N: 18261254

Tach: 46058

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair

Station.

1. Drained oil and changed filter serviced with Aeroshell 100W oil. Opened filter and inspected, no

defects noted. Took oil sample. Ground run satisfactory.

Technician(s): J. Zaccari

The aircraft

of the Federal

Inspector

PCPR439B

April 13, 2015

N20847, Cessna 182P

S/N: 18261254

Tach: 46586

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair

Station.

1. Drained oil and changed filter, serviced with Aeroshell 100W oil. Took sample and opened filter. No

defects noted. Ground run satisfactory. No leaks noted.

Technician(s): B. Gleason

The aircraft

of the Federal

Inspector

PCPR439B

June 2, 2015

N20847, TCM IO-520-D116B

S/N: 832532-R

Hour Meter: 4688.1

AFTT: 10418.6

ETSN: 1242.8

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair

Station. The following inspections, repairs or component part replacements were accomplished:

1. Complied with an Annual Inspection in accordance with Mather Aviation Inspection Checklist Form No. DOJ-

ANNUALSE.

2. Drained oil and changed filter serviced with Aeroshell 100 Mineral oil. Opened oil filter and inspected. No

defects noted. Took oil sample. Ground run satisfactory no leaks noted.

3. Comply with a compression test per TCM SB 03-3. 1) 72/80, 2) 64/80, 3) Replaced/80, 4) 67/80, 5) 76/80, 6)

71/80 Comparator at 49/80. No leaks past the static seal.

4. Removed #3 Cylinder and installed repaired cylinder P/N 655469 S/N 17829-3 From Eagle Engines FAA CRS

NO3R717L. Complied with Continental Motors SB M89-7 R1 for ground runs.

5. Complied with the 12 month / 200 hour replacement of the Bracket Induction air filter.

6. Complied with the Instructions for Continued Airworthiness of the Air Plains 300 engine installation with no

defects noted.

7. Installed new #1 cylinder EGT probe.

8. Complied with the 100 hour check of the magneto to engine timing. Adjusted timing to 20 degrees BTC.

9. Complied with Continental Motors Ignition Systems Service bulletin SB 699 inspection of the distributor block,

no defects noted.

10. Installed new support bracket for the engine mount left horizontal heat shield.

11. Replaced left elevator trim pulley at the base of the control column.

Technician(s): A. Andrews, B. Gleason, T. Burris

The aircraft

of the Federal

Inspector

PCPR439B

July 9, 2015

N20847, Cessna 182P

S/N: 18261254

Tach: 47122

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair

Station.

1. Complied with 25 hour oil change due to a cylinder change. Drained oil and changed filter, serviced

with Aeroshell 100w oil. Opened filter and inspected no defects noted. Took oil sample.

2. Engine ground run satisfactory no leaks noted.

The aircraft

of the Federal

Inspector

PCPR439B

Mather Aviation, LLC

Sacramento Mather Airport, CA 95655

FAA CRS No. PCPR439B

WO# 421481

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair

Station.

1. Drained oil and changed filter serviced with Aeroshell 100W oil. Opened filter and inspected, no

defects noted. Took oil sample. Ground run satisfactory.

Technician(s): J. Zaccari

The aircraft

of the Federal

Inspector

PCPR439B

Mather Aviation, LLC

Sacramento Mather Airport, CA 95655

FAA CRS No. PCPR439B

WO# 421648

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair

Station.

1. Drained oil and changed filter, serviced with Aeroshell 100W oil. Took sample and opened filter. No

defects noted. Ground run satisfactory. No leaks noted.

Technician(s): B. Gleason

The aircraft

of the Federal

Inspector

PCPR439B

Mather Aviation, LLC

Sacramento Mather Airport, CA 95655

FAA CRS No. PCPR439B

WO# 421720

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair

Station. The following inspections, repairs or component part replacements were accomplished:

1. Complied with an Annual Inspection in accordance with Mather Aviation Inspection Checklist Form No. DOJ-

ANNUALSE.

2. Drained oil and changed filter serviced with Aeroshell 100 Mineral oil. Opened oil filter and inspected. No

defects noted. Took oil sample. Ground run satisfactory no leaks noted.

3. Comply with a compression test per TCM SB 03-3. 1) 72/80, 2) 64/80, 3) Replaced/80, 4) 67/80, 5) 76/80, 6)

71/80 Comparator at 49/80. No leaks past the static seal.

4. Removed #3 Cylinder and installed repaired cylinder P/N 655469 S/N 17829-3 From Eagle Engines FAA CRS

NO3R717L. Complied with Continental Motors SB M89-7 R1 for ground runs.

5. Complied with the 12 month / 200 hour replacement of the Bracket Induction air filter.

6. Complied with the Instructions for Continued Airworthiness of the Air Plains 300 engine installation with no

defects noted.

7. Installed new #1 cylinder EGT probe.

8. Complied with the 100 hour check of the magneto to engine timing. Adjusted timing to 20 degrees BTC.

9. Complied with Continental Motors Ignition Systems Service bulletin SB 699 inspection of the distributor block,

no defects noted.

10. Installed new support bracket for the engine mount left horizontal heat shield.

11. Replaced left elevator trim pulley at the base of the control column.

Technician(s): A. Andrews, B. Gleason, T. Burris

The aircraft

of the Federal

Inspector

PCPR439B

Mather Aviation, LLC

Sacramento Mather Airport, CA 95655

FAA CRS No. PCPR439B

WO# 421911

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair

Station.

1. Complied with 25 hour oil change due to a cylinder change. Drained oil and changed filter, serviced

with Aeroshell 100w oil. Opened filter and inspected no defects noted. Took oil sample.

2. Engine ground run satisfactory no leaks noted.

The aircraft

of the Federal

Inspector

PCPR439B

Record Sections,

EAGLE ENGINES
A Division of Ameriach Industries, Inc.
FAA Repair Station Number N03R717L
20208 Charlamne Dr., Redding, California 96002 U.S.A.

Work accomplished: Replaced valves, 3 angle cut valve seats, deployed bore, fit new rings per CMT S.I. 97-40. Nothing follows.

This aircraft and/or component identified above was replaced and inspected in accordance with Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this agency under Work Order No. 17829-04-2015

Invoice No. 17829-04-2015
Dated 04/17/2015
Authorized Individual

PARTIAL MAINTENANCE RELEASE

MANUFACTURER: Continental Motors Inc. ☒ Textron Lycoming ☐

PART NAME: Engine ☐ Cylinder ☒ Other: _____

Part Model No. 655469

Part Serial No. 17829-3

Remarks _____

EAGLE ENGINES

A Division of Ameritech Industries, Inc.

F.A.A. Repair Station number N03R717L
20208 Charlanne Dr., Redding, California 96002 U.S.A.
(530) 221-4470



INSTALLED #3 POSITION WO #421720 4688.1 6-2-15

Tach: 4658.6

This is a permanent part of the Engine Records. Pertinent details of Station.

1. Drained oil and changed filter, serviced with Aeroshell 1 defects noted. Ground run satisfactory. No leaks noted.

Technician(s): B. Gleason.

The aircraft and / or component identified above was repaired and inspected by the Federal Aviation Administration and found airworthy with respect to the following:

Inspector: John Verderber for CRS# PCPR439B

June 2, 2015

N20847, TCM IO-520-D116B

S/N: 832532-R

Hour Meter: 4688.1

AFTT: 10418.6

ETSN: 1

This is a permanent part of the Engine Records. Pertinent details of the Station. The following inspections, repairs or component part replacement are being recorded in accordance with Mather A

1. Complied with an Annual Inspection in accordance with Mather A

ANNUALISE.

2. Drained oil and changed filter serviced with Aeroshell 100 Mineral oil. Ground run satisfactory no leaks noted. Took oil sample. Comply with a compression test per TCM SB 03-3. 1) 72/80, 2) 64/71/80 Comparator at 49/80. No leaks past the static seal.

3. Removed #3 Cylinder and installed repaired cylinder P/N 655469

4. NO3R717L. Complied with Continental Motors SB M89-7 R1 for

5. Complied with the 12 month / 200 hour replacement of the Bracket

6. Complied with the Instructions for Continued Airworthiness of the

defects noted.

7. Installed new #1 cylinder EGT probe.

8. Complied with the 100 hour check of the magneto to engine timing

9. Complied with Continental Motors Ignition Systems Service Bulletin

no defects noted.

10. Installed new support bracket for the engine mount left horizontal

11. Replaced left elevator trim pulley at the base of the control column

Technician(s): A. Andrews, B. Gleason, T. Burriss

The aircraft and / or component identified above, was repaired and inspected by the Federal Aviation Administration and is approved for return to service

inspected in accordance with 14 CFR 43.409(a) Annual Inspection and

Inspector: John Verderber

CRS # PCPR439B

July 9, 2015

N20847, Cessna 182P

S/N: 18261254

TACH: 4712.2

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station.

WO#: 421911

work performed are on file at this Repair

W oil Took sample and opened filter. No

ed in accordance with current Regulations
to the work performed.

Maher Aviation, LLC

Sacramento Maher Airport, CA 95655

FAA CRS No. PCPR439B

WO#: 421720

performed are on file at this Repair

ere accomplished:

on Inspection Checklist Form No. DOI-

Opened oil filter and inspected. No

(3) Replaced 80, 4) 67/80, 5) 76/80, 6)

and runs.

17829-3 From Eagle Engines FAA CRS

duction air filter.

Plans 300 engine installation with no

justed timing to 20 degrees BTC.

3 699 inspection of the distributor block.

shield.

a accordance with current Regulations of
tify that this ENGINE has been
etermined to be in airworthy condition.

Maher Aviation, LLC

Sacramento Maher Airport, CA 95655

FAA CRS No. PCPR439B

WO#: 421911

EAGLE ENGINES

A Division of Ameritech Industries, Inc.

F.A.A. Repair Station number N03R717L

20208 Charlanne Dr., Redding, California 96002 U.S.A.

Work accomplished Refaced valves, 3 angle cut valve seats,
deglazed bore, fit new rings per CMI S.I. 97-40.
Nothing follows.

The aircraft and/or component identified above was replaced and inspected in accordance with Federal Aviation regulations and is approved for return to service.

Pertinent details are on file at this agency under Work Order No.

Invoice No. 17829-04-2014

Dated 04/17/2014

Signed



Authorized Individual

Date	Station	Inspector
July 14, 2015	Mather Aviation, LLC N20847, Cessna 182P S/N: 18261254 TACH: 4724.7 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. 1. Removed Stator P/N 646238-2R S/N 11063481 and installed overhauled P/N 646238-2 S/N 11020799 by Hartzell engine technologies FAA CRS 111R2369B. Operational check satisfactory. Technician(s): B. Voshag The aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy with respect to the work performed. Inspector: [Redacted] CRS # PCPR439B	
August 14, 2015	Mather Aviation, LLC N20847, Cessna 182P S/N: 18261254 TACH: 4759.9 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. 1. Drained oil and changed filter. Serviced with Aeroshell 100W oil. Opened filter and inspected. Took oil sample. Ground run satisfactory. Technician(s): T. Beck The aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy with respect to the work performed. Inspector: [Redacted] CRS # PCPR439B	
September 28, 2015	Mather Aviation, LLC N20847, TCM IO-520-D116B S/N: 832532-R Hour Meter: 4799.6 AETT: 10530.1 ETSN: 1354.3 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished: 1. Complied with an 100 Hour Inspection in accordance with Mather Aviation Inspection Checklist Form No. DOI-100 SE. 2. Drained oil and changed filter serviced with Aeroshell 100 Mineral oil. Opened oil filter and inspected. No defects noted. Took oil sample. Ground run satisfactory no leaks noted. 3. Comply with a compression test per TCM SB 03-3, 1176-80, 2) Repaired/80, 3) 72-80, 4) Repaired/80, 5) 70-80, 6) 70-80 Comparator at 49-80. No leaks past the static seal. 4. Removed #2 and #4 Cylinders and installed one repaired cylinder P/N 653469 S/N 19560-1 from Eagle Engines FAA CRS NO3R717L. One repaired cylinder P/N 653469 S/N AC09A363 from Tim's Aircraft Engines FAA CRS 722R537V. Complied with Continental Motors SB M89-7 R1 for ground runs. 5. Complied with the 500 hour inspection of both magnetos. Inspection and repair done by Aircraft Electrical Components. AFF CRS S71R883J. Installed S6RN-1225 P/N 10-349350-4 S/N F06HA089 and P/N 10-349350-5 S/N F06CA055. Installed with new mount gaskets and timed to the engine per the engine data plate. 6. Complied with the Instructions for Continued Airworthiness of the Air Plant 300 engine installation, with no defects noted. 7. Replaced cracked doubler on the left forward baffle. 8. Secured #6 cylinder baffle seal and rear baffle seal with new hardware. 9. Sealed gaps in the engine baffling with high temp silicone. 10. Secured left wire bundle heat shield. 11. Installed new heat shield spacer bracket. Technician(s): E. Melnichak The aircraft and / or component identified above, was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. I certify that this ENGINE has been inspected in accordance with 14 CFR 43.161(a) 100 Hour Inspection and was determined to be in airworthy condition. Inspector: [Redacted] CRS # PCPR439B	
January 14, 2016	Mather Aviation, LLC N20847, Cessna 182P S/N: 18262245 TACH: 4825.9 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. 1. Drained oil and changed filter. Serviced with Aeroshell 100W oil. Took oil sample and opened filter. No defects noted. 2. Ground run satisfactory no leaks noted. Technician(s): J. Zepes The aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy with respect to the work performed. Inspector: [Redacted] CRS # PCPR439B	

Record
al Inspections,

Date	Station	Inspector
March 14, 2016	Mather Aviation, LLC N20847, Cessna 182P S/N: 18261254 TACH: 4832.4 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. 1. Retrieved alternator EOPF10306A-AI S/N 2012091 and installed new alternator P/N 23-4001 S/N H-0021302. 2. Ground operation satisfactory. Technician(s): J. Zepes The aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy with respect to the work performed. Inspector: [Redacted] CRS # PCPR439B	
April 5, 2016	Mather Aviation, LLC N20847, Cessna 182P S/N: 18261254 TACH: 4872.6 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. 1. Drained oil and changed filter. Serviced with Aeroshell 100W oil. Opened filter for inspection, no defects noted. Took oil sample. 2. Retrieved all spark plugs, cleaned and gapped. All found satisfactory. Reinstalled in engine. 3. Installed new EGT probe P/N P-110 at the number one cylinder. 4. Ground run satisfactory. Technician(s): B. Gleason, T. Beck The aircraft and / or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy with respect to the work performed. Inspector: [Redacted] CRS # PCPR439B	
May 2, 2016	Mather Aviation, LLC N20847, TCM IO-520-D116B S/N: 832532-R Hour Meter: 4902.3 AETT: 10632.4 ETSN: 1457.9 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished: 1. Complied with an Annual Inspection in accordance with Mather Aviation Inspection Checklist Form No. DOI-ANNUAL SE. 2. Drained oil and changed filter serviced with Aeroshell 100W oil. Opened oil filter and inspected. No defects noted. Took oil sample. Ground run satisfactory no leaks noted. 3. Comply with a compression test per TCM SB 03-3, 1) 69-80, 2) 63-80, 3) 75-80, 4) 59-80, 5) 68-80, 6) 62-80. Comparator at 49-80. No leaks past the static seal. 4. Complied with the 12 month / 200 hour replacement of the Bracket Induction air filter. 5. Complied with the Instructions for Continued Airworthiness of the air plants 300 engine installation with no defects noted. 6. Complied with the 100 hour magnetos to engine timing check. No defects noted. 7. Ground run satisfactory. Technician(s): T. Beck The aircraft and / or component identified above, was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. I certify that this ENGINE has been inspected in accordance with 14 CFR 43.161(a) Annual Inspection and was determined to be in airworthy condition. Inspector: [Redacted] CRS # PCPR439B	

Date: July 18, 2012
 T: N20847, Cessna 182P
 S/N: 18261254
 Tach: 4950.3
 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station.
 Brought Forward: 1. Drained oil and changed filter, serviced with Aeroshell 100W oil. Opened oil filter, no defects noted. Took oil sample. Ground run satisfactory.
 Technician: T. Beck
 The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.
 Inspector: [Redacted]

Date: July 5, 2012
 T: N20847, TCM IO-520-D116B
 S/N: 832532-R
 Hour Meter: 5001.7
 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:
 1. Complied with an Annual Inspection in accordance with and FAR part 43, Appendix D, Department of Justice annual checklist Form No. DOJ-ANNUAL-SI and Mather Aviation annual inspection checklist.
 2. Drained oil and changed filter serviced with Aeroshell 100W oil. Opened oil filter and inspected. No defects noted. Took oil sample. Ground run satisfactory no leaks noted.
 3. Complied with a compression test per TCM SB 01-3. 1) 69/80, 2) 77/80, 3) 67/80, 4) 64/80, 5) 76/80, 6) 71/80. Comparator at 49/80. No leaks past the static seal.
 4. Complied with the 12 month / 200 hour replacement of the Brackett Induction air filter.
 5. Complied with the Instructions for Continued Airworthiness of the air plane's 300 engine installation. No defects noted.
 6. 100 hour magnetos to engine timing check. No defects noted.
 7. Replaced right magneto ground wire ring terminal.
 8. Installed new heater muffler P/N K0750161-89M and Shroud P/N 0750161-87.
 9. Ground run satisfactory.
 Technician(s): T. Beck
 The aircraft and/or component identified above, was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. I certify that this Engine has been inspected in accordance with an FAR 91.409(a) Annual Inspection and was determined to be in airworthy condition.
 Inspector: John Venderber
 CRS # PCPR439B

Date: November 21, 2012
 T: N20847, Cessna 182P
 S/N: 18261254
 Meter: 5050.7
 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. Work was done in accordance with the Cessna Model 182 Series (1969-1976) Service Manual P/N CD2006.
 1. Drained oil and changed filter. Installed new CH48109-1 filter. Serviced with Aeroshell 100W oil. Took oil sample and cut open filter and inspected for debris, none found.
 2. Installed missing hardware in the heater shroud.
 3. Ground run satisfactory, no leaks noted.
 Technician: R. Vonsburg
 I certify that this aircraft / component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and was found to be airworthy and is approved for return to service with respect to the work performed.
 Inspector: [Redacted]

Record
 Inspections,

Date: August 20, 2018
 T: N20847, TCM IO-520-D116B
 S/N: 832532-R
 Hour Meter: 5062.7
 This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:
 1. Complied with an Annual Inspection in accordance with and FAR part 43, Appendix D, Department of Justice annual checklist Form No. DOJ-ANNUAL-SI and FAR 43 Appendix d.
 2. Drained oil and changed filter serviced with Aeroshell 100W oil. Opened oil filter and inspected. No defects noted. Took oil sample. Ground run satisfactory no leaks noted.
 3. Complied with a compression test. 1) 73/80, 2) 72/80, 3) 66/80, 4) 64/80, 5) 68/80, 6) 67/80.
 4. Complied with the 12 month / 200 hour replacement of the Brackett Induction air filter.
 5. 100 hour alternator belt tension check. Tightened alternator belt tension and satisfied the adjustment bolt. No other defects noted.
 6. Complied with the Instructions for Continued Airworthiness of the air plane's 300 engine installation. No defects noted.
 7. 100 hour magnetos to engine timing check. No defects noted.
 8. Complied with the inspection and lubrication of the engine flameless runs in accordance with the Continental Standard Practices M-0 section 6. No defects noted.
 9. Ground run satisfactory.
 Technician(s): Z. Taylor, T. Beck
 The aircraft and/or component identified above, was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. I certify that this Engine has been inspected in accordance with an FAR 91.409(a) Annual Inspection and was determined to be in airworthy condition.
 Inspector: [Redacted]

N20847
 Tach: 5138.3
 TSN: 1693.0
 08/22/19
 Performed Annual inspection. Comp 80/ 1/68. 2/64 3/65 4/61 5/71 6/71
 Changed oil & Filter CH48109-1 & Aeroshell W100. Cut open filter. No discrepancies.
 Checked timing. Cleaned fuel injectors. Cleaned & gapped spark plugs. Replaced
 Intake Air filter BA8103-1. Run up no leaks noted. All Ad's C/W.
 I certify that this Engine has been inspected in accordance with
 An Annual Inspection and was determined to be in an airworthy condition.
 Rushing Aviation
 703 Airport Rd.
 Marks, MS 38646
 [Signature]

Mather Aviation, LLC
Sacramento Mather Airport, CA 95655
FAA CRS No. PCPR439B
WOP# 414106

part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station.
oil and changed filter, serviced with Aeroshell 100W oil. Opened oil filter, no defects noted. Took oil sample. Ground run satisfactory.

component identified above has been repaired and inspected in accordance with the Federal Aviation Regulations and is approved for return to service with respect to the engine.

Inspector: [redacted]
Date: [redacted]

Mather Aviation, LLC
Sacramento Mather Airport, CA 95655
FAA CRS No. PCPR439B
WOP# 424309

AFIT: 10732.2 ETSN: 158.4
This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:

Annual Inspection in accordance with and FAR part 43, Appendix D, Department of Justice Form No. DOJ-ANNUAL-SE and Mather Aviation annual inspection checklist. Changed filter serviced with Aeroshell 100W oil. Opened oil filter and inspected. No defects noted. Ground run satisfactory. No leaks noted.
Compression test per TCM SB 03-3, 1) 69/80, 2) 77/80, 3) 67/80, 4) 64/80, 5) 70/80, 6) 71/80. No leaks past the static seal.
12 month / 200 hour replacement of the Brackett Induction air filter.
Instructions for Continued Airworthiness of the air plane's 300 engine installation. No defects noted.

to engine timing check. No defects noted.
magneto ground wire ring terminal.
muffler P/N K0750161-89M and Shroud P/N 0750161-87.
Satisfactory.

component identified above, was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. I certify that this Engine has been inspected in accordance with the Federal Aviation Regulations and was determined to be in airworthy condition.

Inspector: [redacted]
Date: [redacted]

Mather Aviation, LLC
Sacramento Mather Airport, CA 95655
FAA CRS No. PCPR439B
WOP# 424874

the Engine Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:

Changed filter. Installed new CH48109-1 filter. Serviced with Aeroshell 100W oil. Cut open filter and inspected for debris, none found.
Inspected the heater shroud.
No leaks noted.

component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and was found to be airworthy and is approved for return to service.

Inspector: [redacted]
Date: [redacted]

Record
Inspections,

Date

Brought Forward

August 20, 2018

N20847, TCM IO-510-D1168

S/N: 832512-R

Line Master: 5062.7

AFIT: 10793.2

ETSN: 1617.4

Mather Aviation, LLC

Sacramento Mather Airport, CA 95655

FAA CRS No. PCPR439B

WOP# 425657

This is a permanent part of the Engine Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:

1. Complied with an Annual Inspection in accordance with and FAR part 43, Appendix D, Department of Justice annual checklist Form No. DOJ-ANNUAL-SE and FAR 43 Appendix d.
2. Drained oil and changed filter serviced with Aeroshell 100W oil. Opened oil filter and inspected. No defects noted. Took oil sample. Ground run satisfactory. No leaks noted.
3. Comply with a compression test. 1) 73/80, 2) 72/80, 3) 66/80, 4) 64/80, 5) 68/80, 6) 67/80.
4. Complied with the 12 month / 200 hour replacement of the Brackett Induction air filter.
5. 100 hour alternator belt tension check. Tightened alternator belt tension and safetied the adjustment bolt. No other defects noted.
6. Complied with the instructions for Continued Airworthiness of the air plane's 300 engine installation. No defects noted.
7. 100 hour magnetos to engine timing check. No defects noted.
8. Complied with the inspection and lubrication of the engine flanged nuts in accordance with the Continental Standard Practices M-0 section 6. No defects noted.
9. Ground run satisfactory.

Technician(s): Z. Taylor, T. Beck

The aircraft and / or component identified above, was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. I certify that this Engine has been inspected in accordance with the Federal Aviation Regulations and was determined to be in airworthy condition.

Inspector: [redacted]

Date: [redacted]

N20847

Tach: 5138.3

TSN: 1693.0

08/22/19

Performed Annual inspection. Comp 80/ 1/68 2/64 3/65 4/61 5/71 6/70
Changed oil & Filter CH48109-1 & Aeroshell W100. Cut open filter. No discrepancies found.
Checked timing. Cleaned fuel injectors. Cleaned & gapped spark plugs. Replaced
Intake Air filter BA8103-1. Run up no leaks noted. All Ad's C/W.

I certify that this Engine has been inspected in accordance with
An Annual Inspection and was determined to be in an airworthy condition.

Rushing Aviation
703 Airport Rd.
Marks, MS 38646

[redacted signature]

Record
al Inspections,