

New Log Book
Beginning 8/20/2017
N13887

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

Section 1: Airframe Log

| DATE 2017 | AIR TIME | | | | LANDINGS / CYCLES | |
|-----------------|-------------|-----|-------|-----|-------------------|-------|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL |
| | HRS | MIN | HOURS | MIN | | |
| CARRIED FORWARD | | | | | | |

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

Logbook Entry

Date: August 20, 2017
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 3337.9
 TTAF: 3337.9

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n B3-5-1, replaced left and right tire, tested ELT in accordance with FAR 91.207(d) battery due replacement by MAY/18. Registration current thru APR/2018. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 3437.9 tach or 6/2018
 AD 76-07-12 Ignition Switches Next due at 3437.9 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

Logbook Entry

Date: August 20, 2017
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13520
 Tach: 3337.9
 TTAF: 3337.9

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and inspection operation 25 "Inspect Horizontal Stabilizer Forward Spar" with reference to section 2A-14-17, supplemental inspection document number 55-11-01, for inspection procedure.

David Birgmann A&P 3958469 I/A

PAGE TOTALS

CARRY FORWARD to Top of Next Page

NAME/
SIGNATURELICENCE
AME or
AMO/ACA

Logbook Entry

Date: October 8, 2017
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 3435.7
 TTAF: 3435.7

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n **B3-5-1**, replaced left and right brake linings with **Rapco p/n 066-105** linings, bleed brake system, replaced left and right instrument panel cover with FAA/PMA approved covers from Plane Plastics LTD. Tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. Registration current thru **APR/2018**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 3535.7 tach or 6/2018
AD 76-07-12 Ignition Switches Next due at 3535.7 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: August 20, 2017
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 3435.7
 TTAF: 3435.7

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and inspection operation 25 "Inspect Horizontal Stabilizer Forward Spar" with reference to section 2A-14-17, supplemental inspection document number 55-11-01, for inspection procedure.

David Birgmann A&P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

2

| DATE 2018 | AIR TIME | | | | LANDINGS / CYCLES | |
|-----------------|-------------|-----|-------|-----|-------------------|-------|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL |
| | HRS | MIN | HOURS | MIN | | |
| CARRIED FORWARD | | | | | | |

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

Logbook Entry

Date: February 15, 2018
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 3505.0
TTAF: 3505.0

Removed left long range wing, part number 0523011-13 including aileron and flap due to left wing damage. Installed serviceable wing assembly part number 0523011-13 using new hardware as listed in the Cessna Illustrated parts catalog See maintenance records for replacement wing return to service documentation. Installed original serviceable aileron and flap, flap installed with new flap rollers, replaced right flap rollers. Removal and installation of wing, flap and aileron were accomplished in accordance with the Cessna service manual. Removed and replaced windshield with new assembly. Replaced left and right wing tips with new. Replaced left and right seat rails with McFarlane FAA/PMA approved rails part number MC0511243-4 (Inboard LH or RH), MC0511243-5 (Outboard LH) and MC0511243-6 (Outboard RH). Seat rails installed using McFarlane seat rail screw kit part number SR6-SCREW-KT. Left and right seat rollers were replaced with McFarlane FAA/PMA approved seat rollers. A test flight was accomplished after wing replacement with no noted discrepancies.

David Birgmann A/P 3958469 I/A

David Birgmann

Logbook Entry

Date: March 4, 2018
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 3531.5
TTAF: 3531.5

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n B3-5-1, tested ELT in accordance with FAR 91.207(d) battery due replacement by MAY/18. Registration current thru APR/2018. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 3631.5 tach or 6/2018
AD 76-07-12 Ignition Switches Next due at 3631.5 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

PAGE TOTALS

CARRY FORWARD to Top of Next Page

Logbook Entry

LICENCE
AME or
AMO/ACA

Date: March 4, 2018
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 3531.5
 TTAF: 3531.5

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 2, 15, 17, 22, 24, 25, and 26 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

Date: 3/20/2018, Aircraft: N13887 Type: 172M, S/N: 17263029

Installed GMA 345 audio panel P/N 010-01319-01 per GMA 342/345 installation manual 190-01878-02, Installed GNS 430 P/N 011-0028-10 per Garmin installation manual 190-00140-02 rev T, performed ops check with no defects. With respect to the work performed the aircraft is approved for return to service. Records are on file at this agency under WO#.

Signed



CRS #PZ4R458M

Kyle Krausen

ASI

AIRCRAFT SPECIALISTS

Clark Regional Airport (KJVV)
 Sellersburg, Indiana
 800-356-3723

Date: 3/2/2018, Aircraft: N13887, Type: Cessna 172, S/N: 17263029, Tach: 3531.3

Installed Status transponder ADSB P/N 153510-000017 S/N 074857-074874, performed ops check with no defects. With respect to the work performed the aircraft is approved for return to service. Records are on file at this agency under WO#

Signed



CRS #PZ4R458M

Kyle Krausen

ASI

AIRCRAFT SPECIALISTS

Clark Regional Airport (KJVV)
 Sellersburg, Indiana
 800-356-3723

Section 1: Airframe Log

3

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|-----------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |
| CARRIED FORWARD | | | | | | | |

Date 3/2/18

Registration # 13887

The biennial check required by FAR Part 91.411 on the static pressure system(s), altimeter instrument(s), and automatic pressure altitude reporting system(s) have been performed and found to comply with FAR Part 43 appendix E. All systems have been tested to _____ feet. The biennial check required by FAR Part 91.413 on the ATC transponder has been performed and found to comply with FAR Part 43 appendix F.

#1 Altimeter Mfg _____ Model _____ S/N _____
 #1 Transponder Mfg status Model ESG S/N 074857-074874
 #1 Encoder Mfg _____ Model _____ S/N _____

With respect to the work performed this engine is approved for return to service. Records are on file at this agency under WO# _____

Signed _____

CRS #PZ4R458M



Clark Regional Airport (KJVY)
 Sellersburg, Indiana
 800-356-3723

Date: 4/4/2018, Aircraft: N13887, Type: Cessna 172, S/N: 17263029

Installed GI-106B P/N MD200-606, re-wired GI-106B per mid-continent manual 9018581 Rev A. performed ops check and found no defects. With respect to the work performed the aircraft is approved for return to service. Records are on file at this agency under WO#.

Signed _____

CRS #PZ4R458M

Kyle Krausen



Clark Regional Airport (KJVY)
 Sellersburg, Indiana
 800-356-3723

Logbook Entry

Date: April 5, 2018
 Make: Lycoming
 Model: O-320-E2D
 S/N: L-36816-27A

Reg: N13887
 Tach: 3619.9
 TTSMOH: 3619.9
 TT ENG: 3619.9

Replaced left and right magneto with "Rebuilt" model 4371, left magneto serial number 10040196, right magneto serial number 15081086. Timed magneto's in accordance with the Cessna service manual. Accomplished an engine and magneto operation was normal.

David Birgmann A/P 3958469 I/A

PAGE
 TOTALS

P Birgmann

NAME/
SIGNATURELICENCE
AME or
AMO/ACA

Logbook Entry

Date: April 12, 2018
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 3630.9
TTAF: 3630.9

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced left and right tires, replaced left and right brake linings with "Cleveland" part number 066-105, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. Registration current thru **APR/2018**. See AD compliance paper work. Accomplished the following AD's:

- AD 18-02-04** Muffler Body To Muffler Cuff Welds Integrity/
AD 11-10-09 Seat Track Wear And Pin Engagement next due at 3730.9 tach or 6/2018
AD 76-07-12 Ignition Switches Next due at 3730.9 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

Logbook Entry

Date: April 12, 2018
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 3630.9
TTAF: 3630.9

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 2, 25, with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

Section 1: Airframe Log

4

DATE

AIR TIME

LANDINGS / CYCLES

REPLACEMENT)

Logbook Entry

Date: May 28, 2018
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 3729.0
TTAF: 3729.0

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n **B3-5-1**, replaced Turn Coordinator with overhauled unit part number 1394T100-3Z serial number L14-11094, replaced ELT battery and tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Registration current thru **APR/2018**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 3829.0 tach or 6/2018
AD 76-07-12 Ignition Switches Next due at 3829.0 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

Logbook Entry

Date: May 28, 2018
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 3729.0
TTAF: 3729.0

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, and 25, with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

PAGE
TOTALS

CARRY FORWARD to Top of Next Page

Logbook Entry

ICENCE:
AME or
MO/ACA

Date: July 3, 2018
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 3822.2
TTAF: 3822.2

Accomplished an Annual inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n **B3-S-1**, replaced left and right tires, replaced left and right brake linings, bleed brake system, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Registration current thru **APR/2018**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 3922.2 tach or 6/2018
AD 76-07-12 Ignition Switches Next due at 3922.2 tach

I certify that this aircraft has been inspected in accordance with an Annual inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A



Logbook Entry

Date: July 3, 2018
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 3822.2
TTAF: 3822.2

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 2, 25 and 27, with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A



Section 1: Airframe Log

5

| DATE 2018 | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|---------------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |

Logbook Entry

Date: July 30, 2018
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 3912.9
 TTAF: 3912.9

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and Inspected structure and skin, lubricated airframe using the Cessna MM as a guide, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4012.9 tach or 6/2019
AD 76-07-12 Ignition Switches Next due at 4012.9 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: July 30, 2018
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 3912.9
 TTAF: 3912.9

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, and 25, with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A


D. Birgmann

PAGE TOTALS

CARRY FORWARD to Top of Next Page

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA**H&S AVIONICS, INC 1924 Boston Rd. Bardstown, Ky 40004 502-510-1981**

I certify that the altimeter(s) were tested and inspected as per Part 91.411 IAW Part 43, Appendix E, Paragraph B, by H&S Avionics to 20,000 ft. Left altimeter S/N 1473
 Right altimeter S/N N/A. The ATC Transponder(s) were tested and inspected as per Part 91.413 IAW Part 43, Appendix F. #1 S/N 074873 #2 S/N N/A
 Automatic altitude reporting system tested and inspected as per Part 91.411 IAW Part 43, Appendix E, Paragraph C to 20,000 feet. The static pressure system(s) were tested and inspected as per Part 91.411 IAW Part 43, Appendix E, Paragraph A.

Signature: Date: 9/28/18

For H&S AVIONICS, INC FAA Certified Repair Station #V4HR991Y

Logbook Entry

Date: October 2, 2018
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4008.7
 TTAF: 4008.7

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced aircraft battery with "Gil" part number GE-50C "Gil" 25, replaced right main tire, replaced left and right brake linings with "Cleveland" part number 066-105, bled brake system, removed existing voltage regulator and installed FAA/PMA approved "Hartzell Engine Technologies" voltage regulator R1224 in accordance with regulator installation instruction 12-1001, accomplished a functional test and voltage regulator is operating at the required voltage level per the Cessna maintenance manual, Instructions for continued Airworthiness required every 100 hours or Annual Inspection which ever comes first to ensure the regulator is operating at the required voltage level, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4108.7 tach or 6/2019
AD 76-07-12 Ignition Switches Next due at 4108.7 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

**Logbook Entry**

Date: October 2, 2018
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4008.7
 TTAF: 4008.7

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 16 and 25, with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A



Section 1: Airframe Log

6

| DATE 2018/ | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|-----------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |
| CARRIED FORWARD | | | | | | | |

Logbook Entry

Date: November 11, 2018
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4105.2
 TTAF: 4105.2

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced nose tire and tube, replaced left and right brake linings with "Cleveland" part number 066-105, bled brake system, serviced nose strut with air, tested ELT in accordance with FAR 91.207(d) battery due replacement by JUN/20. Registration current thru APR/2021. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4205.2 tach or 6/2019
 AD 76-07-12 Ignition Switches Next due at 4205.2 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D Birgmann

Logbook Entry

Date: November 11, 2018
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4105.2
 TTAF: 4105.2

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D Birgmann

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Logbook Entry

Date: January 7, 2019
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4198.6
 TTAF: 4198.6

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced left and right main tires, bled brake system, serviced nose strut with air, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Registration current thru **APR/2021**. See AD compliance paper work.
 Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4298.6 tach or 6/2019
AD 76-07-12 Ignition Switches Next due at 4298.6 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: January 7, 2019
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4198.6
 TTAF: 4198.6

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Logbook Entry

Date: February 13, 2019
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887

Removed and replaced flap control switch with part number S1661-2. Operated flaps as required after installation with normal flap operation.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

7

| DATE 2019 | AIR TIME | | | | LANDINGS / CYCLES | |
|-----------------|-------------|-----|-------|-----|-------------------|-------|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL |
| | HRS | MIN | HOURS | MIN | | |
| CARRIED FORWARD | | | | | | |

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

Logbook Entry

Date: March 5, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4292.9
TTAF: 4292.9

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced left and right brake linings with "Cleveland" part number 066-105, bled brake system, tested ELT in accordance with FAR 91.207(d) battery due replacement by JUN/20. Aircraft registration current thru APR/2021. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4392.9 tach or 6/2019
AD 76-07-12 Ignition Switches Next due at 4392.9 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: March 5, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4292.9
TTAF: 4292.9

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Logbook Entry

Date: March 24, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4385.0
TTAF: 4385.0

Replaced attitude gyro with overhauled unit from MidContinent Instruments. Replaced vacuum regulator filter and inspected instrument air filter with no discrepancies noted.

David Birgmann A&P 3958469

D. Birgmann

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

Logbook Entry

Date: April 10, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4391.5
TTAF: 4391.5

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

- AD 11-10-09** Seat Track Wear And Pin Engagement next due at 4491.5 tach or 6/2019
- AD 76-07-12** Ignition Switches Next due at 4491.5 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: April 10, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4391.5
TTAF: 4391.5

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

8

| DATE 2019 | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|-----------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |
| CARRIED FORWARD | | | | | | | |
| | | | | | | | |

Logbook Entry

Date: June 2, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4482.8
TTSMOH: 4482.8
TT ENG: 44482.8

Removed this engine O-320-E2D serial number L-36816-27A and propeller part number 1C160/DTM7553 serial number 723602 at tach time 4391.5. Installed serviceable engine O-320-E2D serial number L-44648-27A and propeller part number 1C160/DTM7553 serial number 727943 on this airframe. See engine and propeller maintenance records.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: June 2, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4482.8
TTAF: 4482.8

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced **Turn Coordinator part number 1394T100-32 serial number L14-11094**, replaced external power relay with a "Lamar" part number X61-0028, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4582.8 tach or 6/2019
AD 76-07-12 Ignition Switches Next due at 4582.8 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Logbook Entry

Date: June 2, 2019
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4391.5
 TTAF: 4391.5

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 20, 23, 25 and 27 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Logbook Entry

Date: July 15, 2019
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4581.8
 TTAF: 4581.8

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced two cowling mounts, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4682.8 tach or 7/2020
AD 76-07-12 Ignition Switches Next due at 4682.8 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: July 15, 2019
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4581.8
 TTAF: 4581.8

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 2, 4, 5, 6, 15, 16, 17, 22, 24, 25, 26, and 27 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

9

| DATE 2019 | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|-----------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |
| CARRIED FORWARD | | | | | | | |

Logbook Entry

Date: August 6, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4616.7
TTAF: 4616.7

Accomplished an Annual inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n B3-5-1, replaced left and right tires, bleed brake system, **replaced right fuel tank with part number 0526000-18 serial number 19PG070728 overhauled by "Hartwig Aircraft Fuel Cell Repair" in accordance with the Cessna Service Manual, fueled tank to full capacity with no leaks noted, engine run accomplished using right tank only with no discrepancies noted, tested ELT in accordance with FAR 91.207(d) battery due replacement by JUN/20. Registration current thru APR/2021. See AD compliance paper work. Accomplished the following AD's:**

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4716.7 tach or 8/2020
AD 76-07-12 Ignition Switches Next due at 4716.7 tach

I certify that this aircraft has been inspected in accordance with an Annual inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: September 13, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4707.5
TTAF: 4707.5

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, **replaced left and right brake linings with "Cleveland" part number 066-105 linings, bled brake system, replaced oil temperature indicator with part number 442792-38 serial number 192568 with "overhauled" unit by Air Parts Of Lock Haven Inc. ,tested ELT in accordance with FAR 91.207(d) battery due replacement by JUN/20. Aircraft registration current thru APR/2021. See AD compliance paper work. Accomplished the following AD's:**

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4807.5 tach or 9/2020
AD 76-07-12 Ignition Switches Next due at 4807.5 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

PAGE TOTALS

CARRY FORWARD to Top of Next Page

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Logbook Entry

Date: September 13, 2019
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4707.5
 TTAF: 4707.5

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Logbook Entry

Date: November 4, 2019
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 4793.4
 TTAF: 4793.4

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced left main tire, **replaced starter solenoid contactor with "Lamar" part number STS-S12**, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4893.4 tach or 11/2020
AD 76-07-12 Ignition Switches Next due at 4893.4 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

10

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | |
|-----------------|-------------|-----|-------|-----|-------------------|-------|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL |
| | HRS | MIN | HOURS | MIN | | |
| CARRIED FORWARD | | | | | | |

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

Logbook Entry

Date: November 4, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4793.4
TTAF: 4793.4

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

DB

Logbook Entry

Date: December 23, 2019
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 4884.6
TTAF: 4884.6

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced left instrument panel isolator mounts with part number **J6984-1**, replaced Attitude indicator with overhauled unit part number **RCA22-15/598-556 serial number 27HR0086**, replaced "O" rings in left and right brake calipers, replaced left and right brake linings with "Cleveland" part number **066-105**, serviced and bled brake system, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 4984.6 tach or 12/2020
AD 76-07-12 Ignition Switches Next due at 4984.6 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. B.

MAKE: Cessna
MODEL: 172M
S/N: 17263029
REG NO: N13887

HONAKER

Honaker Aviation
7001 Airport Drive
Sellersburg, IN 47172
Phone: 812-246-5491

DATE: 1/22/2020
A/C TSN
TACH: 4925

Airframe Entries

Removed left main wheel assembly, disassembled, cleaned and inspected. Assembled wheel using new tire, P/N: 072-314-0, S/N: 2297W00063, and new tire tube, P/N: 302-246-401. Installed left main wheel and serviced to proper pressure.

I certify, with respect to the work accomplished, this aircraft has been released from maintenance and approved for return to service.

DATE: 1/22/2020

SIGNED:

DB

Don Brown, A&P 383700407

Printed by EBis 3 (datcomedia.com)

PAGE
TOTAL

Logbook Entry

 LICENCE:
 AME or
 AMO/ACA

 Date: March 2, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

 Reg: N13887
 Tach: 4984.9
 TTAF: 4984.9

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced left and right brake rotors with "Cleveland" part number 164-04000, replaced brake linings with "Cleveland" part number **066-105**, replaced left and right main tires, serviced and bled brake system, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 5084.9 tach or 3/2021
AD 76-07-12 Ignition Switches/ Next due at 5084.9 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A



Logbook Entry

 Date: March 2, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

 Reg: N13887
 Tach: 4984.9
 TTAF: 4984.9

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A



MENT)

Logbook Entry

Date: April 12, 2020
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 5074.8
TTAF: 5074.8

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced brake linings with "Cleveland" part number **066-105**, bled brake system, removed existing battery box and installed Bogert Aviation direct replacement Battery Box part number 0413307-18BA and Lid part number 0413307-21BA in accordance with Bogert Aviation installation instructions IN-06-02-00-00 Revision 0, dated 05NOV2012 approved by AML SA01582SE and STC SA01582SE, weight/balance revised as required and FAA form 337 submitted. Replaced left and right fuel quantity transmitters with McFarlane FAA/PMA approved part number **MC0523557-1** in accordance with the Cessna Service Manual, transmitters were validated full, half and empty indications. Tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 5174.8 tach or 4/2021
AD 76-07-12 Ignition Switches/ Next due at 5174.8 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: April 12, 2020
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 5074.8
TTAF: 5074.8

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Logbook Entry

ENCE:
IEor
D/ACA

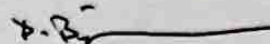
Date: June 1, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5171.4
 TTAF: 5171.4

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUN/20**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 5271.4 tach or JUN/2021
AD 76-07-12 Ignition Switches/ Next due at 5271.4 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A 

Logbook Entry

Date: June 1, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5171.4
 TTAF: 5171.4

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 3, 16, 27 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A 

Logbook Entry


Date: July 2, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5270.2
 TTAF: 5270.2

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced left and right main landing gear tires, replaced ELT battery with part number **BP-1020** and tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 5370.2 tach or JUL/2022
AD 76-07-12 Ignition Switches/ Next due at 5370.2 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A 

Section 1: Airframe Log

12

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|-----------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |
| CARRIED FORWARD | | | | | | | |
| | | | | | | | |

Logbook Entry

Date: July 2, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5270.2
 TTAF: 5270.2

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 2, 16, and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D.B.

Reg: N13887
 Date: 08/09/2020
 Make: Cessna
 S/N: 17263029

Tach: 5359.3
 Model: 172M

Removed and replaced nose tire and tube. Replaced right wing tip strobe light with "Whellen" part number A610M.

David Birgmann A/P 3958469

Logbook Entry

Date: August 14, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5369.0
 TTAF: 5369.0

Accomplished an Annual inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n **B3-5-1**, replaced left and right brake linings with "Cleveland" part number **066-105**, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement next due at 5469.0 tach or 8/2021
AD 76-07-12 Ignition Switches Next due at 5469.0 tach

I certify that this aircraft has been inspected in accordance with an Annual inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D.B.

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Logbook Entry

Date: August 14, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5369.0
 TTAF: 5369.0

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, and 25, with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Date: September 8, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5432.0
 TTAF: 5432.0

Replaced aircraft battery with "New" Gill model G-25 battery serial number G03067479. Service and charged battery as required.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: September 22, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5468.5
 TTAF: 5468.5

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, removed battery cleaned, serviced and charged, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 5568.5 tach or SEP/2022
AD 76-07-12 Ignition Switches/ Next due at 5568.5 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

13

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | |
|-------------|-------------|-----|-------|-----|-------------------|-------|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL |
| | HRS | MIN | HOURS | MIN | TOTAL | TOTAL |

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

Logbook Entry

Date: September 22, 2020
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 5468.5
TTAF: 5468.5

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 8, 9, and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D.B.

AT Form 39

Date: 9/29/20 Aircraft: N13887 S/N: 17263029 Time: 3485.0

The biennial test and inspection required by 14 CFR Part §91.411 on the static pressure system(s), altimeter instrument(s), and automatic pressure altitude reporting system(s) have been performed and found to comply with 14 CFR Part §43 appendix E. All systems have been tested to 28,000 feet.

The biennial test and inspection required by 14 CFR Part §91.413 on the ATC transponder(s) have been performed and found to comply with 14 CFR Part §43 appendix F.

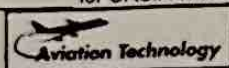
| | | | |
|----------------------|---------------------|-----|---------------|
| #1 Altimeter/ADC P/N | <u>N/A</u> | S/N | <u>A8775</u> |
| #2 Altimeter/ADC P/N | <u>N/A</u> | S/N | <u>N/A</u> |
| #3 Altimeter/ADC P/N | <u>N/A</u> | S/N | <u>N/A</u> |
| #1 Transponder P/N | <u>53510-000017</u> | S/N | <u>074873</u> |
| #2 Transponder P/N | <u>N/A</u> | S/N | <u>N/A</u> |

Date Altimeters/ADCs Tested: 9/29/2020

The aircraft identified above was inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the inspection are on file at this repair station under Work Order # A4125

Signed

for CRS# AYTR297X



1141 Standiford Avenue
Louisville, Kentucky 40213
(502)361-7130

AT Form 39

Logbook Entry

Date: October 8, 2020
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887

VOR system inoperative and has been placarded "Inoperative" in accordance with FAR91.213.

David Birgmann A/P 3958469 I/A

D.B.

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Logbook Entry

Date: November 2, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5559.4
 TTAF: 5559.4

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, removed battery cleaned, serviced and charged, re-terminated under voltage wire at voltage regulator, replaced left and right main tires, replaced left and right brake linings with "Cleveland" part number 066-105, bled brake system, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 5659.4 tach or NOV/2022
AD 76-07-12 Ignition Switches/ Next due at 5659.4 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: November 15, 2020
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5588.3
 TTAF: 55588.3

Removed attitude gyro and installed "Overhauled" unit part number **RCA22-15/598-556/99002-09** serial number 21B0052, removed directional gyro and installed "Overhauled" unit part number **1U262-001-39** serial number T62589M in accordance with the Cessna Service Manual. Accomplished and engine run to functionally check attitude and directional gyro and both instruments operated normal with vacuum pressure at 6.0.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

14

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|-----------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |
| CARRIED FORWARD | | | | | | | |

Reg: N13887

Date: 12/20/2020

Tach: 5638.0

Make: Cessna

Model: 172M

S/N: 17263029

Removed and replaced carburetor heat cable assembly with part number MCS1230-17 and adjusted carburetor heat control in accordance with the Cessna Service Manual. Performed an engine run up with carburetor heat operation normal.

David Birgmann A/P 3958469

Logbook Entry

Date: January 7, 2021

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 5658.5

TTAF: 5658.5

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, serviced and charged, replaced left and right brake linings with "Cleveland" part number 066-105, bled brake system, service shimmy damper, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 5758.5 tach or JAN/2022

AD 76-07-12 Ignition Switches/ Next due at 5758.5 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: January 7, 2021

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 5658.5

TTAF: 5658.5

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 15, 16, 17, 24, 25, and 26 and with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Logbook Entry

Date: January 17, 2021
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5678.0
 TTAF: 5678.0

Removed existing tail mounted anti-collision light and installed Whelen Aero Space TSO-C9a Class III approved LED flashing split anti-collision light assembly model number 90520, part number 01-0790520-51 in accordance with "Whelen" Form No. 14290B (051319). Instructions for continued airworthiness required for this installation with reference to "Whelen" Form No. 14290B. no change in weight and balance required. This installation does not conflict or interfere with any other aircraft systems.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: March 8, 2021
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 5753.9
 TTAF: 5753.9

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, serviced and charged, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Aircraft registration current thru **APR/2021**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 5853.9 tach or MAR/2022
AD 76-07-12 Ignition Switches/ Next due at 5753.9 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

15

CARRY FORWARD to Top of Next Page

Logbook Entry

Date: May 1, 2021
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 5853.7
TTAF: 5853.7

LICENCE:
AME or
AMO/ACA

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, and 25 and with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Logbook Entry

Date: May 7, 2021
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 5866.0
TTAF: 5866.0

Removed ignition switch and installed a "New" ACS A-510-2 ignition switch in accordance with ACS-520 Rev. A dated 04/30/1993 installation instructions. This switch is in compliance with SB92-01 which has been lubricated per SB92-01. A functional check of this switch was accomplished with normal operation noted.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: May 7, 2021
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 5866.0
TTAF: 5866.0

Removed existing tail position light and installed a "Whelen" TSO-C30c Type III Approved LED Tail Position/Anti-Collision Light Assembly part number 01-0771774V01 serial number 460126 in accordance with Whelen installation guide/ICA for Model OR5001V light assembly. This installation requires continued airworthiness inspections at an Annual inspection in accordance with Whelen installation guide/ICA for Model OR5001V light assembly. This installation does not interfere with any other avionics systems.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

16

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|-----------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |

Logbook Entry

Date: June 17, 2021
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 5946.9
TTAF: 5946.9

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, accomplished instructions for continued airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016, serviced and charged aircraft battery, replaced left main tire, bled brake system, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Aircraft registration current thru **APR/2024**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 6046.9 tach or JUN/2022

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: June 17, 2021
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 5946.9
TTAF: 5946.9

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 25 and 27 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

PAGE
TOTALS

CARRY FORWARD to Top of Next Page

Logbook Entry

Date: August 17, 2021
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 6039.3
TTAF: 6039.3

Accomplished an Annual inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, accomplished instructions for continued airworthiness for Bogert Aviation Replacement battery box in accordance with document 068B-ICA06-01, revision 4 dated 03/30/2016, serviced and charged aircraft battery, replaced vacuum regulator filter with part number **B3-5-1**, replaced left and right main tires, replaced left and right brake linings with part number "**Cleveland**" **066-105** bled brake system, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Aircraft registration current thru **APR/2024**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 6139.3 tach or AUG/2022

I certify that this aircraft has been inspected in accordance with an Annual inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: August 17, 2021
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 6039.3
TTAF: 6039.3

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 2, 12, 25 and 27 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

17

Logbook Entry

CEMENT)

Date: November 3, 2021
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 6136.2
TAF: 6136.2

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced right wing strobe light power supply, accomplished instructions for continued airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016, serviced and charged aircraft battery, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Aircraft registration current thru **APR/2024**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 6236.2 tach or NOV/2022

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: November 3, 2021
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 6136.2
TTAF: 6136.2

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 15, 16, 25 and 27 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

| Registration | Work Order | Date | TTAF | TACH | HOBBS |
|--------------|------------|----------|--------|--------|--------|
| N13887 | 8869 | 11/12/21 | 6148.1 | 6148.1 | 4361.1 |

T/S GNS430W NAV inop and no audio. Found NAV audio output from 430 not connected to audio panel, added NAV audio wiring per installation manuals to correct. Found Glideslope antenna connector not hooked up, fabricated coax jumper and connected to existing glideslope antenna. Ops test NAV normal after repairs.

Elizabethtown Flying Service, Inc.
Addington Field, EKX

Emil M. Dular
Emil M. Dular, AP3452805

PAGE
TOTALS

CARRY FORWARD to Top of Next Page

ICENCE
 A ME or
 MO/ACA

Logbook Entry

Date: November 5, 2021
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 6137.2
 TAF: 6137.2

Removed and replaced Attitude Gyro with "Overhauled" unit part number 102-0074-03/RCA22-15 serial number 23L0882G. Replaced vacuum regulator filter with a B3-5-1 filter. Accomplished and engine run with normal vacuum pressure noted and instrument operation normal. Removed existing clock and installed a Electronics International "Super Clock" (SC-5) serial number 255197 in accordance with the Electronics International installation instructions (ASC-5A and SC-5), this installation is considered "Minor" and does not required an STC or FAA Form 337.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: January 14, 2022
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 6234.9
 TTAF: 6234.9

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, accomplished instructions for continued airworthiness for Bogert Aviation Replacement battery box in accordance with document 0688-ICA06-01, revision 4 dated 03/30/2016, serviced and charged aircraft battery, repaired wiring at left wing tip for navigation and strobe light, tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/22**. Aircraft registration current thru **APR/2024**. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 6334.9 tach or JAN/2023

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

18

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | |
|-------------|-------------|-----|-------|-----|-------------------|-------|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL |
| | HRS | MIN | HOURS | MIN | | |

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

Logbook Entry

Date: January 14, 2022
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 6234.9
TTAF: 6234.9

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Logbook Entry

Date: January 24, 2022
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 6234.9
TTAF: 6234.9

Removed and replaced flap switch due to intermittent operation with part number S1661-2. Accomplished an operational check of flap system with no discrepancies noted.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: February 7, 2022
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 6278.8
TTAF: 6278.8

Removed and replaced nose tire and tube. Replaced left wing navigation light and lens.

David Birgmann A/P 3958469 I/A

D. Birgmann

PAGE
TOTALS

CARRY FORWARD to Top of Next Page

Logbook Entry

CENCE:
IME or
MO/ACA

Date: March 16, 2022
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 6334.2
 TTAF: 6334.2

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, accomplished instructions for continued airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016, serviced and charged aircraft battery, replaced left wing fuel sump with part number 05-01867, tested ELT in accordance with FAR 91.207(d) battery due replacement by JUL/22. Aircraft registration current thru APR/2024. See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 6434.2 tach or MAR/2023

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: March 16, 2022
 Make: Cessna
 Model: 172M
 S/N: 17263029

Reg: N13887
 Tach: 6234.9
 TTAF: 6234.9

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Logbook Entry

Date: March 28, 2022
 Make: Lycoming
 Model: O-320-E2D
 S/N: L-44648-27A

Reg: N13887
 Tach: 6334.2
 TTSMOH: 4038.6
 TT ENG: 6038.0

Due to reported excessive magneto drop replaced all spark plugs with "New" REM38E spark plugs. Accomplished a engine run up and magneto check with no discrepancies noted.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

19

| DATE / / | AIR TIME | | LANDINGS / CYCLES | |
|-----------------|-------------|-----------|-------------------|-------|
| | DAILY TOTAL | TOTAL | DAILY TOTAL | TOTAL |
| | HRS MIN | HOURS MIN | | |
| CARRIED FORWARD | | | | |

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

Logbook Entry

Date: April 22, 2022
Make: Cessna
Model: 172M
S/N: 17266884

Reg: N1183U
Tach: 1589.7
TTAF: 11589.7

Removed and replaced left and right main tires due to excessive "Flat" spots.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

Date: May 3, 2022
Make: Cessna
Model: 172M
S/N: 17263029

Reg: N13887
Tach: 6394.2
TTAF: 6394.2

Removed engine model O-320-E2D serial number L-44648-27A from this airframe and installed an "Overhauled" O-320-E2D (as modified by STC SE3692SW-D) engine rated for 160 h.p. take off and 150 h.p. METO serial number L-45081-27A approved by STC SA2375SW. FAA form 337 submitted. See engine maintenance records for installation details.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

July 5, 2022

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 6433.7 TTAF: 6433.7

- Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist.
- Accomplished instructions for continued airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.
- Serviced and charged aircraft battery.
- Replaced Hour Meter ground wire with reference to AC43.13-1B.
- Replaced ELT battery with a Merel BP-1010 and tested ELT in accordance with FAR 91.207(d) battery due replacement by JUL/24.
- Aircraft registration current thru APR/2024.

See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 6533.7 tach or July/2023

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

July 5, 2022

NCE:
for
ACA

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 6433.7 TTAF: 6433.7

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 4 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. B.

Logbook Entry

September 1, 2022

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 6494.2 TTAF: 6494.2

- Accomplished an annual inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist.
- Accomplished instructions for continued airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.
- Serviced and charged aircraft battery.
- Replaced left and right main tires in accordance with the Cessna Service Manual.
- Replaced left and right brake linings and bled brake system in accordance with the Cessna Service Manual.
- Removed and replaced right flap with repaired flap assembly by "Airframe Components" with part number 0523901-38 in accordance with the Cessna Service Manual.
- Replaced left and right flap rollers with McFarlane flap roller kit part number FLP-KT-2U in accordance with McFarlane drawing number 1057 dated 07/26/2000 approved by STC SA010174WI, Cessna Service Bulletin SEB95-3 accomplished as required per STC 01074WI. FAA for 337 submitted.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by JUL/24.
- Aircraft registration current thru APR/2024.

See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 6594.2 tach or SEP/2023

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. B.

Logbook Entry

September 1, 2022

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 6494.2 TTAF: 6494.2

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 4, 25 and 27 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. B.

Section 1: Airframe Log

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|-----------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |
| CARRIED FORWARD | | | | | | | |

Date: 9/29/22 Aircraft: N13887 S/N: 17263029 Time: 6555.1

The biennial test and inspection required by 14 CFR Part §91.411 on the static pressure system(s), altimeter instrument(s), and automatic pressure altitude reporting system(s) have been performed and found to comply with 14 CFR Part §43 appendix E. All systems have been tested to 20000 feet.
The biennial test and inspection required by 14 CFR Part §91.413 on the ATC transponder(s) have been performed and found to comply with 14 CFR Part §43 appendix F.

#1 Altimeter/ADC P/N 664616 SN A5775
 #2 Altimeter/ADC P/N N/A SN N/A
 #3 Altimeter/ADC P/N N/A SN N/A
 #1 Transponder P/N 153510-000017 SN 074873
 #2 Transponder P/N N/A SN N/A

Date Altimeters/ADCs Tested: 9/29/22

The aircraft identified above was inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the inspection are on file at this repair station under Work Order # N4360

Signed

for CRS# AYTR297X



1141 Standiford Avenue
 Louisville, Kentucky 40213
 (502)361-7130

Logbook Entry

October 11, 2022

Reg: **N13887** Make: Cessna Model: 172M Serial Number: 17263029
 Tach Time: 6586.9 TTAF: 6586.9

- Accomplished a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist.
- Accomplished instructions for continued airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.
- Serviced and charged aircraft battery.
- Installed a FAA/PMA approved REIF Hot Strip Oil Sump heater system in accordance with installation instructions Inst HS 2022-04.doc.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/24**.
- Aircraft registration current thru **APR/2024**.

See AD compliance paper work. Accomplished the following AD's:

AD 11-10-09 Seat Track Wear and Pin Engagement/ Next due at 6686.9 tach or OCT/2023

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

October 11, 2022

LICENCE:
AME or
AMO/ACA

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
 Tach Time: 6586.9 TTAF: 6586.9

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 20, 23 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. Birgmann

Logbook Entry

November 1, 2022

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
 Tach Time: 6586.9 TTAF: 6586.9

- Accomplished installation of WILCO, INC. LED position light kit in accordance with WILCO, INC in installation instructions with reference to WILCO drawing number W177-210. Installation of this kit has been approved to install on this aircraft by applicable **STC SA01827WI** in accordance with the appropriate AML. This installation does not conflict with any other aircraft system. Instructions for continued Airworthiness is required for this installation. FAA form 337 has been submitted see maintenance records.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

December 4, 2022

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
 Tach Time: 6674.4 TTAF: 6674.4

- Accomplished a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist.
- Serviced and charged aircraft battery.
- Replaced Turn Coordinator with an overhauled instrument part number 1394T100-3Z serial number A07-10461.
- Replaced left and right brake linings with part number 66-105 linings.
- Bled brake system.
- Replaced nose tire and tube.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/24**.
- Aircraft registration current thru **APR/2024**.

See AD compliance paper work. Accomplished the following AD's and Instructions for Continued Airworthiness:

AD 11-10-09 Seat Track Wear and Pin Engagement/ Next due at 6774.4 tach or DEC/2023

Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

21

CEMENT)

Logbook Entry

October 11, 2022

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 6674.4 TTAF: 6674.4

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 16, 17, 22, 24 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A&P 3958469 I/A

D. B.

Logbook Entry

February 28, 2023

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 6768.1 TTAF: 6768.1

- Accomplished a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist.
- Serviced and charged aircraft battery.
- Replaced Turn Coordinator with an overhauled instrument part number 1394T100-3Z serial number A07-10461.
- Replaced left and right brake linings with part number 66-105 linings.
- Bled brake system.
- Replaced nose tire and tube.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by JUL/24.
- Aircraft registration current thru APR/2024.

See AD compliance paper work. Accomplished the following AD's and Instructions for Continued Airworthiness:

AD 2011-10-09 Seat Track Wear and Pin Engagement/ Next due at 6868.1 tach or FEB/2024

Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. B.

Logbook Entry

February 28, 2023

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 6768.1 TTAF: 6768.1

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 24 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A/P 3958469 I/A

D. B.

Logbook Entry**May 24, 2023**

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 6862.3 TTAF: 6862.3

- Accomplished a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist section 2-22.
- Serviced and charged aircraft battery.
- Replaced left and right main tires in accordance with the Cessna Service Manual section 5-8 through 5-6 Main Wheel Removal and Installation.
- Replaced left and right brake linings with part number 66-105 linings section 5-24 Brake Lining Installation.
- Bled brake system 5-26 Brake System Bleeding.
- Replaced left outboard and inboard seat rails with FAA PMA approved McFarlane seat rail part numbers Inboard MC0511243-4 and outboard MC0511243-5 with reference to AC43.13-1B using installation screw kit part number SR8-SCREW-KT.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/24**.
- Aircraft registration current thru **APR/2028**.

See AD compliance paper work. Accomplished the following AD's and Instructions for Continued Airworthiness:

AD 2011-10-09 Seat Track Wear and Pin Engagement/ Next due at 6962.3 tach or MAY/2024

Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry**May 24, 2023**

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 6862.3 TTAF: 6862.3

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 2, 3, 5 and 25 with reference to the Supplemental Inspection Document.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry**May 25, 2023**

Reg: N13887 Make: Cessna Model: 172M Serial Number: 17262202
Tach Time: 6894.5 TTAF: 6894.5

- Replaced Attitude Gyro with RC Allen model RCA22-15, part number 102-0074-03 serial number 20D0556G in accordance with the Cessna Service Manual section 15-8 and 15-9.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | | DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT) |
|-------------|-------------|-----|-------|-----|-------------------|-------|---|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL | |
| | HRS | MIN | HOURS | MIN | | | |

Logbook Entry

July 28, 2023

Reg: N13887

 Make: Cessna Model: 172M Serial Number: 17263029
 Tach Time: 6960.5 TTAF: 6960.5

- Accomplished a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist section 2-22.
- Serviced and charged aircraft battery.
- Replaced left main tire in accordance with the Cessna Service Manual section 5-8 through 5-6 Main Wheel Removal and Installation.
- Bled brake system 5-26 Brake System Bleeding.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by JUL/24.
- Aircraft registration current thru APR/2028.

See AD compliance paper work. Accomplished the following AD's and Instructions for Continued Airworthiness:

AD 2011-10-09 Seat Track Wear and Pin Engagement/ Next due at 7060.5 tach or JUL/2024

Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

P. By

Logbook Entry

July 28, 2023

Reg: N13887

 Make: Cessna Model: 172M Serial Number: 17263029
 Tach Time: 6960.5 TTAF: 6960.5

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, and 25 with reference to the Supplemental Inspection Document.

David Birgmann A/P 3958469 I/A

D. B.

 PAGE
TOTALS

CARRY FORWARD to Top of Next Page

Logbook Entry

October 2, 2023

LICENCE:
AME or
AMO/ACA

Reg: N13887

Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 7043.2 TTAF: 7043.2

- Accomplished an annual inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist.
- Accomplished instructions for continued airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.
- Charged aircraft battery.
- Service left and right main tires to required pressures.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by **JUL/24**.
- Aircraft registration current thru **APR/2028**.

See Airworthiness Directive Compliance records. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 8043.2 tach or OCT/2024

Accomplished Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

September 1, 2022

Reg: N13887

Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 7043.2 TTAF: 7043.2

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, and 25 with reference to the Supplemental Inspection Document.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

August 9, 2024

Reg: N13887

Make: Cessna Model: 172M Serial Number: 17263029
Tach Time: 7155.0 TTAF: 7155.0

- Removed and replaced ELT battery with replacement part number BP-120 and tested ELT in accordance with FAR 91.207(d) battery due replacement by **SEP/26**.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

23

REPLACEMENT)

Logbook Entry

March 11, 2024

Reg: N13887

Make: Cessna

Model: 172M

Serial Number: 17263029

Tach Time: 7135.0

TTAF: 7135.0

- Accomplished a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D, in addition to the Cessna Service Manual (D972C3-13) section 2, page 2-22 through 2-25 Inspection Check List.
- Opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna Service Manual Section 2 Lubrication/Servicing, 2-39 through 2-44 with reference to figure 2-4 (Sheet 1-4).
- Inspected, and cleaned fuel strainer in accordance with the Cessna Service manual Section 12 Fuel Systems, 12-15 through 12-18 with reference to figure 12-6.
- Replaced vacuum regulator filter with part number B3-5-1 in accordance with the Cessna Service Manual (D972C3-13) Section 15, 15-25 with reference to figure 15-5 (Sheet 2 of 2).
- Replaced left main tire in accordance with the Cessna Service Manual (D972C3-13) Section 5, Landing Gear and Brakes, 5-11 through 5-14 (Cleveland) Main Wheel Removal/Installation with reference to figure 5-3.
- Replaced left and right brake linings with part number 066-105 linings in accordance with the Cessna Service Manual section 5, 5-53 Brake Lining Installation.
- Bled brake system in accordance with the Cessna Service Manual Section 5, 5-54 Brake System Bleeding.
- Charged aircraft battery in accordance with the Cessna Service manual Section 16 Electrical Systems, 16-21.
- Service left and right main tires in accordance with the Cessna Service manual Section 2 Servicing, figure 1-1 Aircraft Specifications.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by JUL/24.
- Aircraft registration current thru APR/2028.

See Airworthiness Directive Compliance records. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 7235.0 tach or MAR/2025

AD 22-16-03 S-1200 Series Magnetos Doller Bearings Improper Lubrication/ Does not apply due to affected magneto model is not installed.

- Accomplished Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

March 11, 2024

Reg: N13887

Make: Cessna

Model: 172M

Serial Number: 17263029

Tach Time: 7135.0

TTAF: 7135.0

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 2, ,6 ,15, 25 and 27 with reference to the Supplemental Inspection Document.

David Birgmann A/P 3958469 I/A

D. Birgmann

LICENCE:
AME or
AMO/ACA

Logbook Entry**May 22, 2024****Reg: N13887**

Make: Cessna

Model: 172M

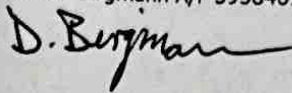
Serial Number: 17263029

Tach Time: 7153.8

TTAF: 7153.8

- Removed and replaced instrument cluster assembly part number C669505-0101 serial number 240818.
- Accomplished a functional check of the oil temperature indicator during engine run with normal indication.

David Birgmann A/P 3958469 I/A

**Logbook Entry****June 11, 2024****Reg: N13887**

Make: Cessna

Model: 172M

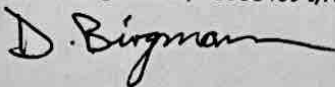
Serial Number: 17263029

Tach Time: 7155.0

TTAF: 7155.0

- Removed existing RPM indicator and installed an Electronics International RPM R-1 TSO'd, STC, and PMA'd, serial number 304509 Primary Replacement Instrument in accordance with Electronics International Operating and Installation Instructions OI 0517911 Rev. D with reference to AC43.13-1B.
- This installation has been approved by STC SA5924NM and FAA Approved Model List (AML) SA5924NM.
- FAA form 337 has been submitted.

David Birgmann A/P 3958469 I/A

**Logbook Entry****September 13, 2024****Reg: N13887**

Make: Cessna

Model: 172M

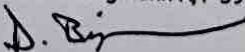
Serial Number: 17263029

Tach Time: 7217.3

TTAF: 7217.3

- Removed existing cowlings fasteners on upper and lower cowlings and installed Sky Bolt Aero Motive Corporation engine cowlings and firewall fasteners kit SK203C172P4 in accordance with Sky Bolt Aero Motive Corporation Installation Instructions 4172.42A.DOC and Master Drawing List- C172, SKMDL172.WQ9, Rev- 024, dated February 20, 2022 with reference to AC 43.13-1B approved by STC SA3285SO. FAA form 337 submitted for this installation.

David Birgmann A/P 3958469 I/A



Section 1: Airframe Log

24

PLACEMENT)

Logbook Entry

October 3, 2024

Reg: N13887

Make: Cessna

Model: 172M

Serial Number: 17263029

Tach Time: 7226.2

TTAF: 7226.2

- Accomplished an annual inspection of this aircraft in accordance with FAR 43 appendix D, in addition to the Cessna Service Manual (D972C3-13) section 2, page 2-22 through 2-25 Inspection Check List.
- Opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna Service Manual Section 2 Lubrication/Service, 2-39 through 2-44 with reference to figure 2-4 (Sheet 1-4).
- Inspected, and cleaned fuel strainer in accordance with the Cessna Service manual Section 12 Fuel Systems, 12-15 through 12-18 with reference to figure 12-6.
- Replaced vacuum regulator filter with part number **B3-5-1** in accordance with the Cessna Service Manual (D972C3-13) Section 15, 15-25 with reference to figure 15-5 (Sheet 2 of 2).
- Replaced left and right main tire in accordance with the Cessna Service Manual (D972C3-13) Section 5, Landing Gear and Brakes, 5-11 through 5-14 (Cleveland) Main Wheel Removal/Installation with reference to figure 5-3.
- Checked Aileron, Flap, Elevator and Elevator Trim, and Rudder Cable tensions in accordance with the Cessna Service Manual (D972C3-13) section 6 Aileron Control System with reference to figure 6-1, section 7 Wing Flap Control System with reference to figure 7-1, section 8 Elevator Control System with reference to figure 8-1, section 9 Elevator Trim Control System with reference to figure 9-1, and section 10 Rudder Control System with reference to figure 10-1 and paragraph 10-11.
- Charged aircraft battery in accordance with the Cessna Service manual Section 16 Electrical Systems, 16-21.
- Removed and replaced right inboard and right outboard seat rails with McFarlane FAA PMA approved McFarlane seat rail part numbers (Inboard MC0511243-4, outboard R/H MC0511243-6) with reference to AC43.13-1B using installation screw kit part number SR8-SCREW-KT.
- in accordance with AC43.13-1B Acceptable methods techniques, & practices
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by **SEP/26**.
- Aircraft registration current thru **APR/2028**.

See Airworthiness Directive Compliance records. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 7326.2 tach or OCT/2025.

- Accomplished Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

October 3, 2024

Reg: N13887

Make: Cessna

Model: 172M

Serial Number: 17263029

Tach Time: 7226.2

TTAF: 7226.2

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, 2, ,6 , 25 and 27 with reference to the Supplemental Inspection Document.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

December 31, 2024

Reg: N13887

Make: Cessna
Tach Time: 7317.0

Model: 172M

Serial Number: 17263029
TTAF: 7317.0NCE:
Eor
/ACA

- Accomplished a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D, in addition to the Cessna Service Manual (D972C3-13) section 2, page 2-22 through 2-25 Inspection Check List.
- Opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna Service Manual Section 2 Lubrication/Servicing, 2-39 through 2-44 with reference to figure 2-4 (Sheet 1-4).
- Inspected, and cleaned fuel strainer in accordance with the Cessna Service manual Section 12 Fuel Systems, 12-15 through 12-18 with reference to figure 12-6.
- Replaced vacuum regulator filter with part number **B3-5-1** in accordance with the Cessna Service Manual (D972C3-13) Section 15, 15-25 with reference to figure 15-5 (Sheet 2 of 2).
- Replaced left and right brake linings with part number "Cleveland" 66-105 in accordance with the Cessna Service Manual (D972C3-13) section 5, 5-53 Brake Lining Installation.
- Bled brake system in accordance with the Cessna Service Manual Section 5, 5-54 Brake System Bleeding.
- Checked Aileron, Flap, Elevator and Elevator Trim, and Rudder Cable tensions in accordance with the Cessna Service Manual (D972C3-13) section 6 Aileron Control System with reference to figure 6-1, section 7 Wing Flap Control System with reference to figure 7-1, section 8 Elevator Control System with reference to figure 8-1, section 9 Elevator Trim Control System with reference to figure 9-1, and section 10 Rudder Control System with reference to figure 10-1 and paragraph 10-11.
- Charged aircraft battery in accordance with the Cessna Service manual Section 16 Electrical Systems, 16-21.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by **SEP/26**.
- Aircraft registration current thru **APR/2028**.

See Airworthiness Directive Compliance records. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 7417.0 tach or DEC/2025.

- Accomplished Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

December 31, 2024

Reg: N13887

Make: Cessna
Tach Time: 7317.0

Model: 172M

Serial Number: 17263029
TTAF: 7317.0

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, and 25 with reference to the Supplemental Inspection Document.

David Birgmann A/P 3958469 I/A

D. Birgmann

Section 1: Airframe Log

25

| DATE / / | AIR TIME | | | | LANDINGS / CYCLES | |
|-------------|-------------|-----|-------|-----|-------------------|-------|
| | DAILY TOTAL | | TOTAL | | DAILY TOTAL | TOTAL |
| | HRS | MIN | HOURS | MIN | | |

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

Logbook Entry

March 28, 2025

Reg: N13887

Make: Cessna

Model: 172M

Serial Number: 17263029

Tach Time: 7416.4

TTAF: 7416.4

- Accomplished a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D, in addition to the Cessna Service Manual (D972C3-13) section 2, page 2-22 through 2-25 Inspection Check List.
- Opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna Service Manual Section 2 Lubrication/Servicing, 2-39 through 2-44 with reference to figure 2-4 (Sheet 1-4).
- Inspected, and cleaned fuel strainer in accordance with the Cessna Service manual Section 12 Fuel Systems, 12-15 through 12-18 with reference to figure 12-6.
- Replaced vacuum regulator filter with part number B3-5-1 in accordance with the Cessna Service Manual (D972C3-13) Section 15, 15-25 with reference to figure 15-5 (Sheet 2 of 2).
- Replaced right main tire in accordance with the Cessna Service Manual (D972C3-13) Section 5, Landing Gear and Brakes, 5-11 through 5-14 (Cleveland) Main Wheel Removal/Installation with reference to figure 5-3.
- Bled brake system in accordance with the Cessna Service Manual Section 5, 5-54 Brake System Bleeding.
- Checked Aileron, Flap, Elevator and Elevator Trim, and Rudder Cable tensions in accordance with the Cessna Service Manual (D972C3-13) section 6 Aileron Control System with reference to figure 6-1, section 7 Wing Flap Control System with reference to figure 7-1, section 8 Elevator Control System with reference to figure 8-1, section 9 Elevator Trim Control System with reference to figure 9-1, and section 10 Rudder Control System with reference to figure 10-1 and paragraph 10-11.
- Charged aircraft battery in accordance with the Cessna Service manual Section 16 Electrical Systems, 16-21.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by SEP/26.
- Aircraft registration current thru APR/2028.

See Airworthiness Directive Compliance records. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 7516.4 tach or MAR/2026.

- Accomplished Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

D. Birgmann

Logbook Entry

March 28, 2025

Reg: N13887

Make: Cessna

Model: 172M

Serial Number: 17263029

Tach Time: 7416.4

TTAF: 7416.4

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, and 25 with reference to the Supplemental Inspection Document.

David Birgmann A/P 3958469 I/A

D. Birgmann

Date: 10/2/24 Aircraft: N13887 S/N: 172C3029 Time: WIA

The biennial test and inspection required by 14 CFR Part §91.411 on the static pressure system(s), altimeter instrument(s), and automatic pressure altitude reporting system(s) have been performed and found to comply with 14 CFR Part §43 appendix E. All systems have been tested to 30,000 feet.

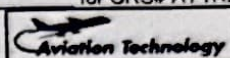
The biennial test and inspection required by 14 CFR Part §91.413 on the ATC transponder(s) have been performed and found to comply with 14 CFR Part §43 appendix F.

#1 Altimeter/ADC P/N ILLEGIBLE S/N 09775
 #2 Altimeter/ADC P/N - S/N -
 #3 Altimeter/ADC P/N - S/N -

Date Altimeters/ADCs Tested: _____

#1 Transponder P/N 15351000027 S/N 074873
 #2 Transponder P/N - S/N -

The aircraft identified above was inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the inspection are on file at this repair station under Work Order # A4553
 Signed [Signature] for CRS# AYTR297X



1141 Standiford Avenue
 Louisville, Kentucky 40213
 (502)361-7130

AT Form 39

Logbook Entry

June 5, 2025

Reg: N13887

Make: Cessna

Model: 172M

Serial Number: 17263029

Tach Time: 7515.1

TTAF: 7515.1

- Accomplished a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D, in addition to the Cessna Service Manual (D972C3-13) section 2, page 2-22 through 2-25 Inspection Check List.
- Opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna Service Manual Section 2 Lubrication/Servicing, 2-39 through 2-44 with reference to figure 2-4 (Sheet 1-4).
- Inspected, and cleaned fuel strainer in accordance with the Cessna Service manual Section 12 Fuel Systems, 12-15 through 12-18 with reference to figure 12-6.
- Replaced vacuum regulator filter with part number **B3-5-1** in accordance with the Cessna Service Manual (D972C3-13) Section 15, 15-25 with reference to figure 15-5 (Sheet 2 of 2).
- Replaced left main tire in accordance with the Cessna Service Manual (D972C3-13) Section 5, Landing Gear and Brakes, 5-11 through 5-14 (Cleveland) Main Wheel Removal/Installation with reference to figure 5-3.
- Replaced left and right brake linings with RAPC 066-105 linings in accordance with the Cessna Service Manual (D972C3-13) Section 5, Landing Gear and Brakes, 5-53 Brake Lining Installation.
- Bled brake system in accordance with the Cessna Service Manual Section 5, 5-54 Brake System Bleeding.
- Checked Aileron, Flap, Elevator and Elevator Trim, and Rudder Cable tensions in accordance with the Cessna Service Manual (D972C3-13) section 6 Aileron Control System with reference to figure 6-1, section 7 Wing Flap Control System with reference to figure 7-1, section 8 Elevator Control System with reference to figure 8-1, section 9 Elevator Trim Control System with reference to figure 9-1, and section 10 Rudder Control System with reference to figure 10-1 and paragraph 10-11.
- Charged aircraft battery in accordance with the Cessna Service manual Section 16 Electrical Systems, 16-21.
- Tested ELT in accordance with FAR 91.207(d) battery due replacement by **SEP/26**.
- Aircraft registration current thru **APR/2028**.

See Airworthiness Directive Compliance records. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 7615.1 tach or JUN/2026.

- Accomplished Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

[Signature]

CEMENT)

Logbook Entry

June 5, 2025

Reg: N13887

Make: Cessna
Tach Time: 7515.1

Model: 172M

Serial Number: 17263029
TTAF: 7515.1

- With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1, and 11 with reference to the Supplemental Inspection Document.

David Birgmann A/P 3958469 I/A

David Birgmann
148 Rosswood Dr
Pewee Valley, KY 40056
USA

| | |
|--------|------------------|
| Make: | Textron (Cessna) |
| Model: | 172M |
| Tail: | N13887 |
| S/N: | 172-63029 |

Hours: Tach: 7611.4 Total Time Airframe: 7611.4

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D, in addition to the Cessna Service Manual (D972C3-13) section 2, page 2-22 through 2-25 Inspection Check List.

Opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna Service Manual Section 2 Lubrication/Servicing, 2-39 through 2-44 with reference to figure 2-4 (Sheet 1-4).

Inspected, and cleaned fuel strainer in accordance with the Cessna Service manual Section 12 Fuel Systems, 12-15 through 12-18 with reference to figure 12-6.

Checked Aileron, Flap, Elevator and Elevator Trim, and Rudder Cable tensions in accordance with the Cessna Service Manual (D972C3-13) section 6 Aileron Control System with reference to figure 6-1, section 7 Wing Flap Control System with reference to figure 7-1, section 8 Elevator Control System with reference to figure 8-1, section 9 Elevator Trim Control System with reference to figure 9-1, and section 10 Rudder Control System with reference to figure 10-1 and paragraph 10-11.

Replaced vacuum regulator filter with part number B3-5-1 in accordance with the Cessna Service Manual (D972C3-13) Section 15, 15-25 with reference to figure 15-5 (Sheet 2 of 2).

Bled brake system in accordance with the Cessna Service Manual D972-13 section 5 Landing Gear And Brakes, 5-54 Brake System Bleeding.

Tested ELT in accordance with FAR 91.207(d) battery due replacement by SEP/2026.

Aircraft registration current through APR/2028.

See Airworthiness Directive Compliance records. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 7711.4 tach or SEP/2026.

Accomplished Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

Signed:



Name:

David Birgmann

Cert:

A/P 3958469 I/A

Date:

08/14/2025

David Birgmann
148 Rosswood Dr
Pewee Valley, KY 40056
USA

Make: Textron (Cessna)
Model: 172M
Tail: N13887
S/N: 172-63029

Hours: Tach: 7653.0 TT: 7653.0

Accomplished an annual inspection of this aircraft in accordance with FAR 43 appendix D, in addition to the Cessna Service Manual (D972C3-13) section 2, page 2-22 through 2-25 Inspection Check List.

Opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna Service Manual Section 2 Lubrication/Servicing, 2-39 through 2-44 with reference to figure 2-4 (Sheet 1-4).

Inspected, and cleaned fuel strainer in accordance with the Cessna Service manual Section 12 Fuel Systems, 12-15 through 12-18 with reference to figure 12-6.

Checked Aileron, Flap, Elevator and Elevator Trim, and Rudder Cable tensions in accordance with the Cessna Service Manual (D972C3-13) section 6 Aileron Control System with reference to figure 6-1, section 7 Wing Flap Control System with reference to figure 7-1, section 8 Elevator Control System with reference to figure 8-1, section 9 Elevator Trim Control System with reference to figure 9-1, and section 10 Rudder Control System with reference to figure 10-1 and paragraph 10-11.

Replaced vacuum regulator filter with part number B3-5-1 in accordance with the Cessna Service Manual (D972C3-13) Section 15, 15-25 with reference to figure 15-5 (Sheet 2 of 2).

Replaced right main tire and tube in accordance with the Cessna Service Manual part number D972-13, section 5, 5-11 Main Wheel Removal, 5-13 Main Wheel Inspection And Repair, and 5-14 Main Wheel Reassembly with reference to figure 5-1 (Sheet 2 of 2) Main Gear Installation. (Cleveland).

Bled brake system in accordance with the Cessna Service Manual D972-13 section 5 Landing Gear And Brakes, 5-54 Brake System Bleeding.

Tested ELT in accordance with FAR 91.207(d) battery due replacement by SEP/2026.

Aircraft registration current through APR/2028.

See Airworthiness Directive Compliance records. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 11-10-09 Seat Track Wear And Pin Engagement/ Next due at 7753.0 tach or OCT/2026.

Accomplished Instructions for Continued Airworthiness for Bogert Aviation Replacement battery box in accordance with document 06BB-ICA06-01, revision 4 dated 03/30/2016.

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

Signed:

Name:

David Birgmann

Cert:

Date:

A/P 3958469 I/A

10/28/2025