

**AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM**

**THE<sup>TM</sup>  
adlog**

# **ENGINE MAINTENANCE RECORDS**





## ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. N758QV

Engine Manufacturer Continental

Model IO-360-KB

Serial No. 356426

Date installed on aircraft Sept. 14, 2016

Time Between Overhauls (TBO) \_\_\_\_\_ Hours

If used on multi-engine aircraft:

- ☐ Right ☐ Left  
☐ Front ☐ Rear



(All applicable information must be filled in)

**AEROTECH PUBLICATIONS INC.**

P.O. Box 1359 / Southold, NY 11971-0965  
(631) 765-9375  
1-800-235-6444  
FAX: (631) 765-9359



DATE

TOTAL  
TIME  
IN  
SERVICETOTAL  
TIME  
SINCE  
OVERHAULTACH OR  
RECORDING  
METER  
TIME

TOTALS brought forward from previous page

## ZEPHYR AIRCRAFT ENGINES INC.

39320 B, Avenue. Zephyrhills FL. 33542  
(813) 788-3305. FAX (813) 788-4412

N758QV

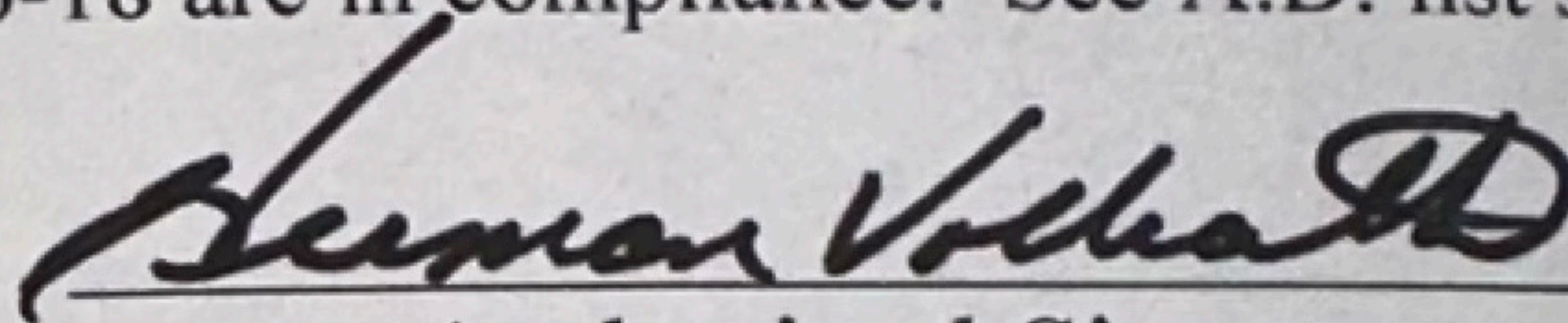
Dated Sept 14, 2016Model IO-360-KBW.O. No. 216124Mfg. ContinentalSerial No. 356426

Engine Total Time. \_\_\_\_\_

Time since Major Overhaul. 0.00

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts Limits. The Engine was disassembled, cleaned, and inspected in accordance with Manufacturer's instructions. All steel parts magnafluxed, reassembled and test run in accordance with manufacturer's current overhaul manual and in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of these repairs are on file at this agency under the W.O. #216124 listed above. All applicable Airworthiness Directives thru 2016-18 are in compliance. See A.D. list supplied.

F.A.A. APPROVED REPAIR STATION #VI4R397M



Authorized Signature

Herman Vollrath

New TCM Cylinder S/N's

(1)AC16DB952, (2) AC16DB939, (3) AC16DB854, (4) AC16DB856, (5) AC16DB872, (6) AC16DB976

| Components, Accessories, & Related Parts supplied or installed. |     |              |                  | Overhauled | Repaired | Not Repaired |
|---|-----|--------------|------------------|------------|----------|--------------|
| Fuel Servo/ Carburetor  | P/N | 640563-2     | S/N I267950A     | X          |          |              |
| Fuel Flow Divider   | P/N | 631351-11A11 | S/N C05CA253R    | X          |          |              |
| Fuel Pump   | P/N | 638157-2     | S/N I227910B     |            |          | X            |
| Left Magneto  | P/N | 6314         | S/N 15060275     |            |          | X            |
| Right Magneto   | P/N | 6314         | S/N 16030783     | NEW        |          |              |
| Oil Cooler  | P/N | 632886       | S/N 79F-381      | X          |          |              |
| Spark Plugs   | P/N | URHM38E      | Ignition Harness | P/N        |          |              |
| Oil Filter  | P/N | CH48108-1    |                  |            |          |              |

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SUNAIR AVIATION  
8806 AIRPORT BLVD  
LEESBURG, FL 34788

(352) 787-2211

N758QV TACH: 0.0 HOBBS:1121.6 TSMOH: 0.0

01 OCT 16

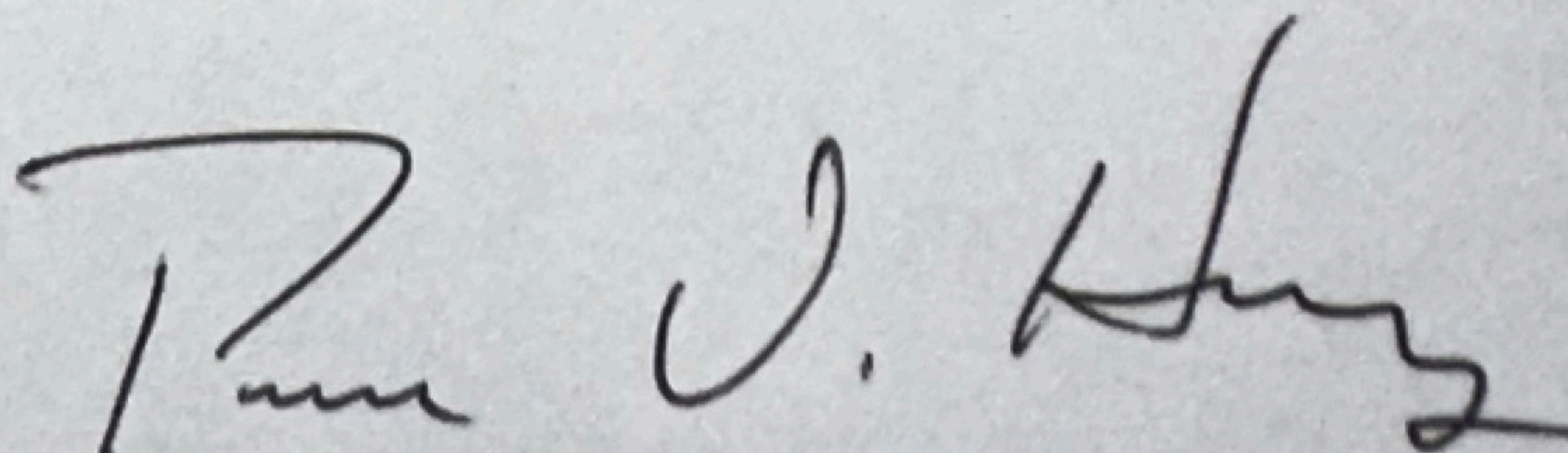
INSTALLED OVERHAULED ENGINE. SEE ZEPHYR ENGINES LOGBOOK  
ENTRY FOR OVERHAUL DETAILS.

1. ALL ENGINE VIBRATION MOUNTS REPLACED WITH NEW LORD UNITS,  
PN: J9613-42
2. ALL ENGINE MOUNT BOLTS REPLACED WITH NEW, PN'S: AN7-47A (4EA),  
AN6-37A (2EA), AN6-27A (2EA)
3. INSTALLED OVERHAULED RAPCO VACUUM PUMP, PN: 215CC, SN: 168871
4. INSTALLED OVERHAULED PROPELLER ASSY.
5. INSTALLED OVERHAULED STARTER, PN: MHJ-4003, SN: H-Q050895
6. INSTALLED PHT HOSE KIT, PN: CE R172
7. ENGINE MOUNT REPAIRED BY ALPHA WELDING, SEE FAA FORM 8130-3  
FOR DETAILS.
8. ENGINE MOUNT NDI INSPECTION PERFORMED BY POWER AVIATION.

PROPELLER AND GOVENOR HAVE BEEN MODIFIED BY STC SA1437CE TO  
ALLOW ENGINE TO OPERATE AT HIGHER HORSEPOWER AND RPM. THIS  
COMBINATION IS APPROVED FOR INSTALLATION BY STC SE1436CE. P.O.H.  
IS UPDATED AS IS THE AIRFRAME TCDS. SEE FAA FORM 337 FOR DETAILS.  
TACHOMETER AND MANIFOLD/FUEL PRESSURE GAUGES ARE ALSO  
MODIFIED BY STC SA1437CE.

ENGINE RIGGED AS PER SERVICE MANUAL INSTRUCTIONS. ENGINE  
SERVICED WITH 8 QTS PHILLIPS 20W-50XC OIL. ENGINE GROUND RUN AND  
LEAK CHECKED, NO DEFECTS NOTED

PATRICK O. HARDY  
AP/IA 266590149



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DATE

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TACH OR  
RECORDING  
METER

DESCRIPTION OF WORK PERFORMED—

**SUNAIR AVIATION**  
**8806 AIRPORT BLVD**  
**LEESBURG, FL 34788**

**(352) 787-2211**

**N758QV**

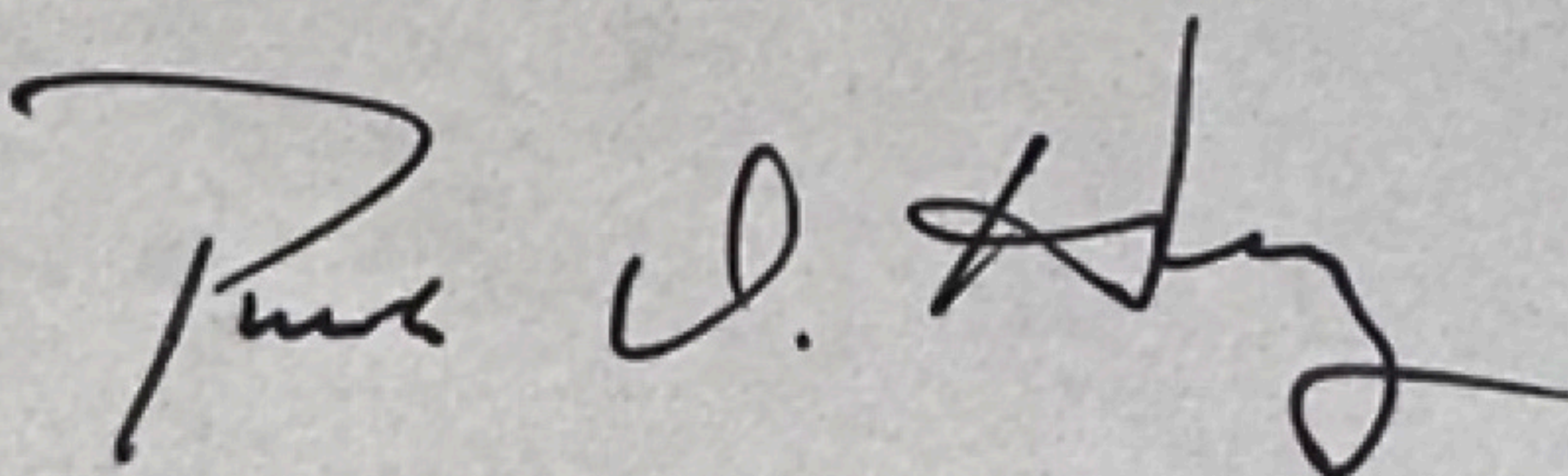
**TACH: 37.3**

**30 MAY 17**

PERFORMED OIL AND FILTER CHANGE. OIL FILTER INSPECTED FOR METAL. NONE NOTED. ENGINE SERVICED WITH 8 QTS AEROSHELL 100 MINERAL OIL. INSTALLED NEW CH48108-1 FILTER.

GROUND RUN AND LEAK CHECK PERFORMED. NO DEFECTS NOTED.

PATRICK O. HARDY  
AP 266590149



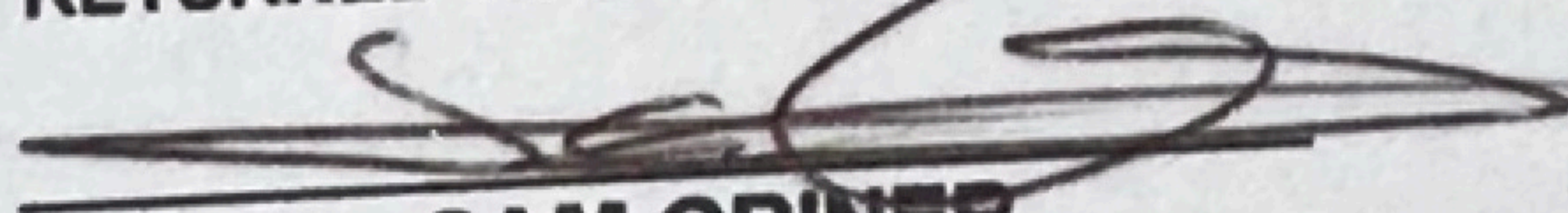

**SunAir Aviation**

LEESBURG FL (352)787-2211  
WWW.SUNAIRAVIATION.COM

**N758QV**

DATE: 10/11/2017 TACH = 0066.3 HOBBS = 1121.6

TAXIED AIRCRAFT FROM HANGAR TO SHOP. DRAINED ENGINE OIL AND REMOVED OIL FILTER. SERVICED THE ENGINE OIL WITH 8 QTS OF AEROSHELL 100 MINERAL OIL. INSTALLED A NEW CH48108 OIL FILTER. WASHED DOWN ENGINE AND GROUND RAN FOR OIL LEAKS. ALL CHECKS FOUND NORMAL. AIRCRAFT WAS RETURNED TO HANGAR AFTER SERVICE. I APPROVE THIS ENGINE TO BE RETURNED TO SERVICE.



**SAM GRINER**  
**A&P - 3617718**

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| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING |
|------|-----------------------|---------------------------|------------------------------|--|
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## SunAir Aviation

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### N758QV

DATE **11/10/2017** TACH = **0066.5** HOBBS = **1171.6** TSMOH = **0066.5**  
CYLINDER COMPRESSION

#1 = 75/80, #2 = 78/80, #3 = 68/80, #4 = 71/80, #5 = 75/80, #6 = 78/80  
LUBED ALL ENGINE CONTROLS AND CHECKED FOR  
CONDITION AND TRAVEL. ADJUST ENGINE FULL RPM TO MAX POWER.  
CLEANED ALL SPARK PLUGS AND CHECKED ENGINE TIMING. ALL  
AD'S CHECKED THRU T-DATA DISC 2017-22.

I CERTIFY THIS **ENGINE** HAS BEEN INSPECTED IN ACCORDANCE  
WITH AN **ANNUAL INSPECTION** AND WAS FOUND TO BE IN  
AIRWORTHY CONDITION. I APPROVE THIS AIRCRAFT TO BE  
RETURNED TO SERVICE. ALL WORK WAS ACCOMPLISHED PER  
CESSNA SERVICE MANUAL.

**ELT BATTERY DUE 7/2018. ANNUAL INSPECTION DUE 11/2018.**

SAM GRINER  
A&P - 3617718 - IA



## SunAir Aviation

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### N758QV

DATE: **01/17/2018** TACH = **0069.9**

TROUBLESHOT ACFT. FOR NO ELECTRICAL POWER. FOUND  
ALTERNATOR HAD NO OUTPUT. REMOVED ALTERNATOR FOR  
OVERHAUL. DRAINED ENGINE OIL LOOKING FOR POSSIBLE  
METAL CONTAMINATION. REMOVED OIL FILTER AND CUT  
OPEN NO METAL FOUND. INSTALLED NEW OIL FILTER AND  
SERVICED ENGINE WITH 8 QTS. OF AEROSHELL 100 MINERAL  
OIL. INSTALLED ALTERNATOR AFTER OVERHAUL. P/N ES-4004  
S/N H-0071085. RAN ENGINE AND CHECKED FOR LEAKS AND  
NONE NOTED. ELECTRICAL SYSTEM OPS. CHECKED GOOD.  
AIRCRAFT WAS RETURNED TO HANGAR AFTER SERVICE. I  
APPROVE THIS ENGINE TO BE RETURNED TO SERVICE.

DAVID J. CONLEY AP3156390



DATE

TOTAL  
TIME  
IN  
SERVICETOTAL  
TIME  
SINCE  
OVERHAULTACH OR  
RECORDING  
METER  
TIMEDESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

## SunAir Aviation

LEESBURG FL (352)787-2211  
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### N758QV

DATE: 09/11/2018 TACH = 0096.1

TAXIED AIRCRAFT FROM HANGAR TO SHOP. DRAINED ENGINE OIL AND REMOVED OIL FILTER. SERVICED THE ENGINE WITH 8 QTS OF AEROSHELL W100 OIL. INSTALLED A NEW CH48108-1 OIL FILTER. RAN ENGINE AND CHECKED FOR OIL LEAKS. NO LEAKS NOTED. AIRCRAFT WAS RETURNED TO HANGAR AFTER SERVICE. I APPROVE THIS ENGINE TO BE RETURNED TO SERVICE.

*David J. Conley*  
DAVID J. CONLEY  
A&P 3156390



## SunAir Aviation

LEESBURG FL (352)787-2211  
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### N758QV

DATE 1/11/2019 TACH = 0115.8 HOBBS = 1121.6 TSMOH = 0115.8  
CYLINDER COMPRESSION

#1 = 74/80, #2 = 72/80, #3 = R/80, #4 = R/80, #5 = 72/80, #6 = 74/80

REMOVED AND REPLACED #3 & #4 CYLINDERS DUE TO LOW COMPRESSION. LUBED ALL ENGINE CONTROLS AND CHECKED FOR CONDITION AND TRAVEL. CLEANED ALL SPARK PLUGS AND CHECKED ENGINE TIMING. CLEANED ALL FUEL INJECTORES AND RE-INSTALLED. ALL AD'S CHECKED THRU T-DATA DISC 2018-26.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. I APPROVE THIS AIRCRAFT TO BE RETURNED TO SERVICE. ALL WORK WAS ACCOMPLISHED PER CESSNA SERVICE MANUAL.

ELT BATTERY DUE 2/2021. ANNUAL INSPECTION DUE 1/2020.

*Sam Griner*  
SAM GRINER  
A&P - 3617718 - IA

Shop Release: 398680

Part Number: 658602A1

CYLINDER & VALVE ASSEMBLY  
Routing: CAPP01  
Form 8520-02 (Rev May 2014) 5/10/2018

Shop Release: 398680

Part Number: 658602A1

CYLINDER & VALVE ASSEMBLY  
Routing: CAPP01  
Form 8520-02 (Rev May 2014) 5/10/2018



DATE

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METERDESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

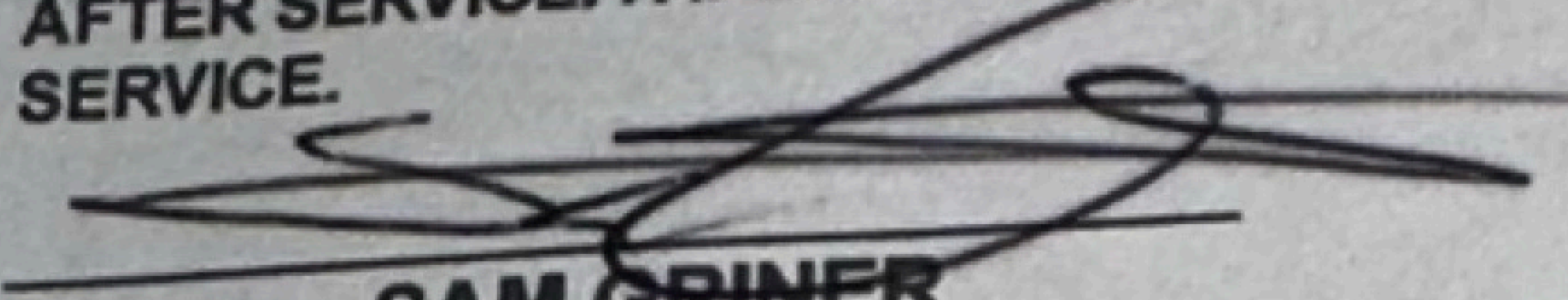
## SunAir Aviation

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### N758QV

DATE: 11/22/2019 TACH = 0155.7 HOBBS = 1121.6

TAXIED AIRCRAFT FROM HANGAR TO SHOP. DRAINED ENGINE OIL AND REMOVED OIL FILTER. SERVICED THE ENGINE OIL WITH 8 QTS OF AEROSHELL W100 OIL. INSTALLED A NEW CH48108 OIL FILTER. WASHED DOWN ENGINE AND GROUND RAN FOR OIL LEAKS. ALL CHECKS FOUND NORMAL. AIRCRAFT WAS RETURNED TO HANGAR AFTER SERVICE. I APPROVE THIS ENGINE TO BE RETURNED TO SERVICE.

  
SAM GRINER  
A&P - 3617718

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## SunAir Aviation

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### N758QV

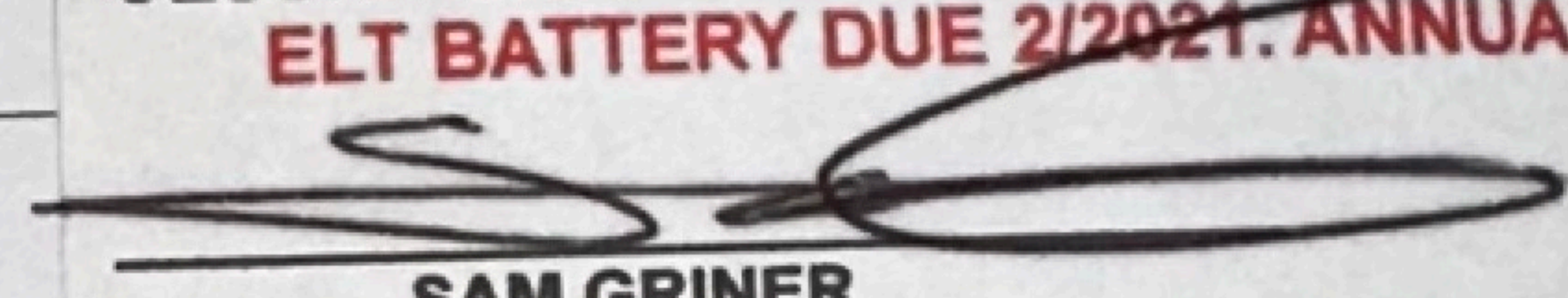
DATE 1/12/2020 TACH = 0162.2 TSMOH = 0162.2  
CYLINDER COMPRESSION

#1 = 75/80, #2 = 74/80, #3 = 78/80, #4 = 74/80, #5 = 74/80, #6 = 73/80

LUBED ALL ENGINE CONTROLS AND CHECKED FOR CONDITION AND TRAVEL. CLEANED ALL SPARK PLUGS AND CHECKED ENGINE TIMING. CLEANED ALL FUEL INJECTORES AND RE-INSTALLED. ALL AD'S CHECKED THRU T-DATA DISC 2020-03.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. I APPROVE THIS AIRCRAFT TO BE RETURNED TO SERVICE. ALL WORK WAS ACCOMPLISHED PER CESSNA SERVICE MANUAL.

ELT BATTERY DUE 2/2021. ANNUAL INSPECTION DUE 1/2021.

  
SAM GRINER  
A&P - 3617718 - IA



## SunAir Aviation

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### N758QV

DATE 2/26/2021 TACH = 0184.8 TSMOH = 184.8  
CYLINDER COMPRESSION

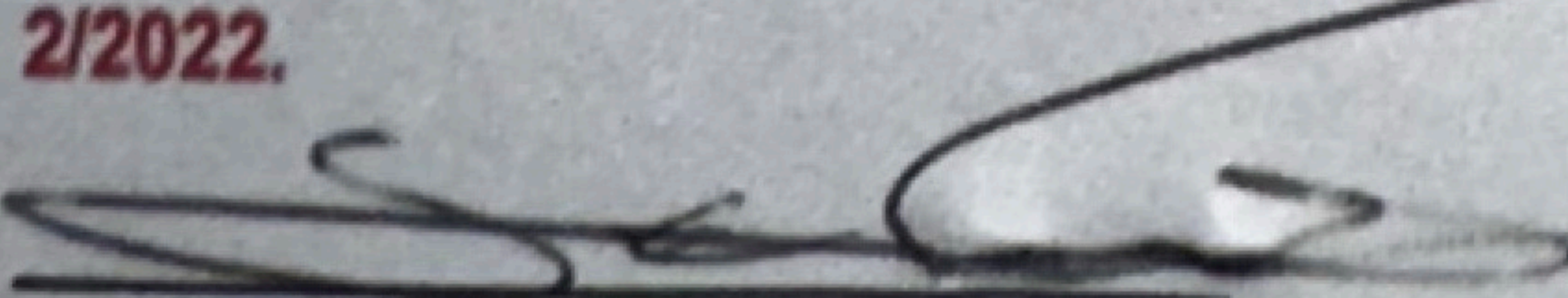
#1 = 76/80, #2 = 74/80, #3 = 78/80

#4 = 75/80, #5 = 77/80, #6 = 76/80

DRAINED ENGINE OIL AND SERVICED WITH 8 QTS OF AEROSHELL W100 OIL. REPLACED OIL FILTER WITH NEW SPIN-ON FILTER. OLD FILTER WAS CUT OPEN AND NO METAL NOTED. A MID-STREAM OIL SAMPLE WAS TAKEN. LUBED ALL ENGINE CONTROLS AND CHECKED FOR CONDITION AND TRAVEL. CLEANED ALL SPARK PLUGS AND CHECKED ENGINE TIMING. CLEANED ALL FUEL INJECTORES AND RE-INSTALLED. ALL AD'S CHECKED THRU T-DATA DISC 2021-04.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. I APPROVE THIS AIRCRAFT TO BE RETURNED TO SERVICE. ALL WORK WAS ACCOMPLISHED PER CESSNA SERVICE MANUAL.

ELT BATTERY DUE 3/2023. ANNUAL INSPECTION DUE 2/2022.

  
SAM GRINER  
A&P - 3617718 - IA

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| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|-----------------------|---------------------------|------------------------------|---|
|------|-----------------------|---------------------------|------------------------------|---|

Page No. \_\_\_\_\_



# SunAir Aviation

LEESBURG FL (352)787-2211  
WWW.SUNAIRAVIATION.COM

**N758QV**

DATE 3/24/2022 TACH = 0217.1 TSMOH = 0217.1

CYLINDER COMPRESSION

#1 = 77/80, #2 = 72/80, #3 = 76/80

#4 = 74/80, #5 = 77/80, #6 = 76/80

DRAINED ENGINE OIL AND SERVICED WITH 8 QTS OF AEROSHELL W100 OIL. REPLACED OIL FILTER WITH NEW CH48108 SPIN-ON FILTER. OLD FILTER WAS CUT OPEN AND NO METAL NOTED. REPLACED THE INDUCTION FILTER WITH A NEW BA-24 FILTER. LUBED ALL ENGINE CONTROLS AND CHECKED FOR CONDITION AND TRAVEL. CLEANED ALL SPARK PLUGS AND CHECKED ENGINE TIMING. CLEANED ALL FUEL INJECTORES AND RE-INSTALLED. ALL AD'S CHECKED THRU T-DATA DISC 2022-05.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. I APPROVE THIS AIRCRAFT TO BE RETURNED TO SERVICE. ALL WORK WAS ACCOMPLISHED PER CESSNA SERVICE MANUAL.

ELT BATTERY DUE 3/2023. VFR 2 YEAR CERT DUE 3/2023. ANNUAL INSPECTION DUE 3/2023.

SAM GRINER  
A&P - 3617718 - IA



FORWARD AERO  
AIRCRAFT SERVICES

Forward Aero, LLC

1 Earhart Dr. Coatesville, PA 19320 Hangar 3 || 6054 Lincoln Hwy. W. Thomasville, PA 17364  
(717) 435-1007

04/07/2023 N758QV Continental IO-360-KB S/N 356426  
ACTT 2231.3 Tach. 241.0 TSMOH 241.0

1. C/W Annual Inspection I.A.W CFR 43.13 Appendix D.
2. Compressions #1/ 74 #2/ 72 #3/ 74 #4/ 69 #5/ 70 #6/ 72
3. Lubed engine controls and rod ends.
4. Inspected exhaust and induction system.
5. Removed and replaced 6 exhaust side rocker cover gaskets P/N: 655704.
6. Drained engine oil. Removed, cut and inspected oil filter. No debris found. Installed new oil filter and serviced with 7 Qts of Aeroshell W100 Plus.
7. Cleaned, gapped, inspected and re-installed spark plugs with new UM674 gaskets.
8. Timed magnetos to engine.
9. Researched AD's through biweekly 2023-08. See updated AD list for compliance.
10. Ran up and performed ops check and leak check.

I certify this Engine has been inspected in accordance with an annual inspection and has been determined to be in an Airworthy Condition.

Signature: \_\_\_\_\_

Aaron Oyler AP/IA 3736413

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**LUBBOCK AERO**

Page

6304 N. Cedar Ave., Lubbock, TX 79403

RK

12/15/2023, N#: N758QV, Make: Cessna, M/N: R172K, SN: R1723284, Tach: 272.3.

Drained engine oil. Filtered engine oil through a 1000 micron filter no defects noted. Removed engine oil filter. Opened engine oil filter to check for metal and particulate, within limits, no defects found. Replaced engine oil filter with PN AA48108-2. Serviced engine oil with Aeroshell 15W50 7 QT. Leak checked good.

*Adrian Galan*  
Adrian Galan 4853557 A&P

**LUBBOCK AERO**

6304 N. Cedar Ave., Lubbock, TX 79403

Date: April 25, 2024

N#: 758QV

S/N: 356426

Tach: 294.5

Make: TCM

ETT: 2284.8

Model: IO-360-KB

SMOH: 294.5

C/W engine 100 hour inspection.

AD 2023-17-04 (10-26-2023) STC F&M or Stratus oil filter adapter gasket. **DOES NOT APPLY** by STC adapter not installed. No further action required.

AD 2023-05-16 (03-15-2023) engine Crankshaft assembly inspection for improper installation of counterweight retaining rings. **DOES NOT APPLY** by date the crankshaft was assembled and installed. No further action required.

Compression check #1) 72 /80 #2) 72/80 #3) 73 /80 #4) 64/80 #5) 70/80 #6) 72/80.  
Drained oil, removed filter, inspected filter media, no metal noted, installed a new filter p/n: AA48108-2, and serviced engine with 7 quarts Aeroshell 15/50 oil. As per CSB07-01A (09-02-2020) drained oil through a 1000 micron stainless steel strainer. No metal noted at this time. --Removed, inspected, cleaned, gapped, tested and re-installed spark plugs with new gaskets, p/n: M674. --Inspected spark plug leads. --Checked magneto timing ok. --Removed, inspected, cleaned and reinstalled throttle body screen. --Removed, cleaned, inspected, and installed fuel nozzles. --

Inspected and replaced air filter, p/n: BA-24. --Lubricated all engine controls. --Washed engine and Engine cowling. Oil sample taken mid-stream while draining oil, paperwork filled out and mailed to Aviation Laboratories.

Removed all rocker covers and cleaned cylinder and covers. Installed rocker covers with new silicone gaskets, p/n: 6323108. Torque all screws. Ran and leak checked good.

Inspected previous Tanis heater installation. Re-routed sump heater wiring and secured, Re-routed 115 volt connector, wiring and install ground wire to voltage regulator attachment screw. Routed left and right cylinder heater wiring, fuse holders, connectors and secured. Ops checked system and installed chafing material secured.

I certify that this engine has been inspected IAW a 100 hour / annual inspection using FAR 43 appendix D and manufacture manual as a reference as acceptable data and was determined to be in airworthy condition.

*Monty Conn*  
Monty Conn AP4189614A