

K. AUBIN

VOLUME NO.

N8879M



SECTION III

ENGINE

LOG

#1

PRICE \$ .50



## ENGINE LOG

- |                         |             |
|-------------------------|-------------|
| 1. Make                 | CONTINENTAL |
| 2. Model                | IO-346-A    |
| 3. Specification        |             |
| 4. Mfg. Serial No.      | 100032-3-A  |
| 5. Reduction Gear Ratio |             |
| 6. Date of Manufacture  |             |



# ENGINE SERVICE AND

|      |          |   |                     |                                                                                                |
|------|----------|---|---------------------|------------------------------------------------------------------------------------------------|
| DATE | TIME RUN |   | TIME SINCE OVERHAUL | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE |
|      | HRS.     | M |                     |                                                                                                |

|                 |  |  |
|-----------------|--|--|
| BROUGHT FORWARD |  |  |
|                 |  |  |
|                 |  |  |
|                 |  |  |
|                 |  |  |
|                 |  |  |

## CAUTION

**DO NOT USE DETERGENT OIL  
IN THIS ENGINE**

The use of detergent oil in this engine will automatically void all warranties pertaining to oil consumption.

SHIPPED

This remanufactured engine ~~installed in~~ \_\_\_\_\_  
in left-right position with new harness, remanufactured  
mags, starter, generator \_\_\_\_\_ amps, ~~fuel pump~~  
~~vacuum pump, hydraulic pump, rock generator, carburetor~~  
~~water, fuel injection, governor, hood, propeller~~

Repair order B5713 Tach SHIPPED Date 1/7/74 By \_\_\_\_\_

**T. W. SMITH AIRCRAFT, INC.**

**4490 COOPER RD.**

**CINCINNATI, OHIO 45242**

**F.A.A. REPAIR STATION 1045**

## ENGINE EQUIPPED WITH CHROME CYLINDERS

### CAUTION

This engine is equipped with chrome cylinders, has been completely test run and is ready for normal operation. No further ground run or slow flight is required. Additional ground run or slow flight will glaze cylinders and void warranty.

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM  
PREVIOUS SUMMARY

TOTAL  
SINCE MFG.



# MAINTENANCE RECORD

1

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

ENGINE TEST RUN PER MANUFACTURES SPECIFICATION FOR 3 HRS.  
ON 1-10-73 T. W. SMITH AIRCRAFT  
INC. C.R.S. 1045

These commodities licensed by the United States for ultimate destination CANADA for distribution or resale in any destination except Soviet Bloc, Communist China, North Korea, or Communist controlled areas in Viet Nam, Laos, unless otherwise authorized by the United States.

THIS ENGINE HAS BEEN INSPECTED AND FOUND TO MEET THE AIRWORTHINESS REQUIREMENTS FOR EXPORT.

SIGNED John O'Donoghue

F. & A. OFFICE AGL 6440 #5

DATE Jan 15, 1974

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

# ENGINE SERVICE AND

| DATE                        | TIME RUN |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE                                                                                                                                     |
|-----------------------------|----------|------|---------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | HRS.     | MIN. | HRS.                | MIN. |                                                                                                                                                                                                                                    |
| BROUGHT FORWARD             |          |      |                     |      |                                                                                                                                                                                                                                    |
| FEB 6/74                    |          |      | 0                   | 0    | <p>ENGINE TESTED AND inspected for correct operation, security, and presence of all locking devices.</p> <p>Date FEB 6/74 Signed: <i>[Signature]</i></p> <p style="text-align: right;">1001 2.R.C. 241</p>                         |
| MARCH 6/74                  | 11       | 4    | 11                  | .4   | <p>ENGINE INSTALLED AIRCRAFT CF-XN1.</p> <p>PEI Inspection</p>                                                                                                                                                                     |
| MAY 2/74                    |          |      |                     |      | <p>Engine repaired. per T.O. 5M1</p> <p>is installed per - XN1</p> <p>Engine controls inspected for correct operation, security, and presence of all locking devices.</p> <p>Date 21 MAY 74 Signed: <i>[Signature]</i> XN1-458</p> |
| AUG 14/74                   | 109      | 0    | 120                 | 4    | 100 HR INSPECTION                                                                                                                                                                                                                  |
| DEC 19/74                   | 63       | 4    | 18.5                | 8    | <p>100 hr inspection carried out</p> <p>100 hr inspection carried out</p> <p>100 hr inspection carried out</p>                                                                                                                     |
| MARCH 1/75                  | 78       | 4    | 262                 | 2    | 100 hr inspection carried out                                                                                                                                                                                                      |
| JULY 6/75                   | 106      | 0    | 368                 | 2    | 100 HOUR INSPECTION CARRIED OUT                                                                                                                                                                                                    |
| OCT 25/75                   | 103      | 4    | 471                 | 6    | 100 HOUR INSPECTION CARRIED OUT, EXHAUST MUFFLET                                                                                                                                                                                   |
| MAR 25/76                   | 20       | 3    | 491                 | 9    | 100 hr inspection & C.C.I. completed                                                                                                                                                                                               |
| MARCH 12/77                 | 91       | 9    | 583                 | 8    | 100 hr inspection carried out for b.                                                                                                                                                                                               |
|                             |          |      |                     |      | TO MEET THE                                                                                                                                                                                                                        |
|                             |          |      |                     |      | REQUIREMENTS FOR EX                                                                                                                                                                                                                |
|                             |          |      |                     |      | 1. A. 1                                                                                                                                                                                                                            |
|                             |          |      |                     |      | CARRIED FORWARD                                                                                                                                                                                                                    |
| TOTAL THIS PAGE             |          |      |                     |      |                                                                                                                                                                                                                                    |
| TOTAL FROM PREVIOUS SUMMARY |          |      |                     |      |                                                                                                                                                                                                                                    |
| TOTAL SINCE MFG.            |          |      |                     |      |                                                                                                                                                                                                                                    |



# MAINTENANCE RECORD

2

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

ENGINE controls inspected for correct operation,  
security, and presence of all locking devices.

Date Feb 4/74 Signed [Signature] ORMS 760

[Signature]  
[Signature]

VRM-498

VRM-498

VRM-498

REPAIR ORDER B 6039

Engine controls inspected for correct operation,  
security, and presence of all locking devices.

Date 2/14/74 Signed [Signature] ORMS 760

[Signature]

VRM-498

val & logged, in return largest, etc.

[Signature]

VRM-498

for C/A renewal Engine airworthy  
ENGINE AIRWORTHY

[Signature]

VRM-829

[Signature]

VRM 985

[Signature]

VRM 985

[Signature]

VRM 578

[Signature]

WGM 590

A. renewal. Engine airworthy

MAXIMUM HOURS BETWEEN OVERHAULS 5000 HOURS.





# MAINTENANCE RECORD

2

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

~~Engine~~ controls inspected for correct operation, security, and presence of all locking devices.

Date: 1/20/74 Signed: [Signature] ORMS 760

See Repair Order B 6039

~~Engine~~ controls inspected for correct operation, security, and presence of all locking devices.

Date: 1/20/74 Signed: [Signature] ORMS 760

not logged, in rubber logbook, after this

for C/A renewal Engine airworthy  
ENGINE AIRWORTHY

REPAIRED #2 CYL EXHAUST STACK REPAIRED ENGINE AIRWORTHY

A. renewal. Engine airworthy

[Signature] XDM 498

[Signature] XDM 498

[Signature] XDM 498

[Signature] XDM 498

[Signature] XDM 498

MAXIMUM HOURS BETWEEN OVERHAULS 1500 HOURS.







# MAINTENANCE RECORD

2

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

Engine controls inspected for correct operation,  
security, and presence of all locking devices.

Date: 10/20/74 Signed: [Signature] URM 5700

[Signature] XDM-498  
[Signature] XDM-498  
[Signature] XDM-498

TH Repair Order B 6034

Engine controls inspected for correct operation,  
security, and presence of all locking devices.

Date: 11/14/74 Signed: [Signature] URM 5700

[Signature] XDM-498

not + logged, in engine logbook, after this

[Signature] XDM-498

for C/A renewal Engine airworthy  
ENGINE AIRWORTHY

[Signature] XDM-829

REPAIRED #2 CYL EXHAUST STACK REPAIRED ENGINE AIRWORTHY

[Signature] VRM 985

[Signature] VRM 985

[Signature] 017 578

A. renewal. Engine airworthy

[Signature] WGM 590

MAXIMUM HOURS BETWEEN OVERHAULS 1500 HOURS.

# ENGINE SERVICE AND

| DATE                        | TIME RUN |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE                                                                                        |
|-----------------------------|----------|------|---------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | HRS.     | MIN. | HRS.                | MIN. |                                                                                                                                                                                       |
| BROUGHT FORWARD →           |          |      | 583                 | 8    |                                                                                                                                                                                       |
| June 6/77                   | 100      | 0    | 683                 | 8    | 100 Hrs. Inspection Completed<br>4 sparkplugs cleaned                                                                                                                                 |
| AUG 24/77                   | 50       | 0    | 733                 | 8    | 50 hr Insp - INSERTO NOZEL'S CLEANED                                                                                                                                                  |
| Dec. 4, 1977                | 100      | 0    | 783                 | 8    | 100 hr. insp. per Beechcraft 423 Service Manual                                                                                                                                       |
| Feb 24/78                   | 40       | 4    | 824                 | 2    | I HEREBY CERTIFY I HAVE COMPLETED THE NEAREST EQUIVALENT<br>TO A 100 HR. PERIODIC INSPECTION OF THE <del>AIRCRAFT</del> <sup>ENGINE</sup> DE-<br>SCRIBED HEREIN AND IT IS AIRWORTHY.  |
| SEPT 18/78                  | 107      | 23   | 931                 | 41   | I HEREBY CERTIFY I HAVE COMPLETED THE NEAREST EQUIVALENT<br>TO A 100 HR. PERIODIC INSPECTION OF THE <del>AIRCRAFT</del> <sup>ENGINE</sup> DE-<br>SCRIBED HEREIN AND IT IS AIRWORTHY.  |
| April 7/79                  | 57.5     |      | 988                 | 8    | Thereby certify that I have completed the nearest<br>Aircraft is airworthy<br><br>Oil changed Filter replaced<br>Plugs cleaned & retorted<br>Ignition plugs replaced<br>Fuel check OK |
| 16 Jul 79                   | 47.6     |      | 1036                | 2    |                                                                                                                                                                                       |
|                             |          |      | 1036                | 2    | CARRIED FORWARD                                                                                                                                                                       |
| TOTAL THIS PAGE             |          |      |                     |      |                                                                                                                                                                                       |
| TOTAL FROM PREVIOUS SUMMARY |          |      |                     |      |                                                                                                                                                                                       |
| TOTAL SINCE MFG.            |          |      |                     |      |                                                                                                                                                                                       |



# MAINTENANCE RECORD

3

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

Oil & Filter changed - plugs

*[Signature]* 14911

PLUGS - REVERSED - TOP TO BOTTOM - WHEELS GREASED

*[Signature]* VAP05620

Diff. comp. all cyls. <sup>20</sup>80 or better, sp/plugs cleaned, gapped, tested & rotated, installed new exhaust gaskets on cyls. #1, #3 & #2, insp. heat muff, changed oil (AeroShell 80), insp. injector nozzles, insp. starter & alternator, checked magnetos & timing

*[Signature]*  
A&P 2148115

I certify that this engine  
has been inspected in accordance with a  
100 hr. inspection and was  
determined to be in airworthy condition.

*[Signature]* VRM797

*[Signature]* VRM799

equivalent to a 100hr Inspection and Engine Disinfect

*[Signature]* 14911

100hr. inspection carried out in accordance  
with the manufactures' manual.  
Aircraft Airworthy.

*[Signature]*  
Signature

VRM783 16/1/79  
A. M. E. No. Date

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

# ENGINE SERVICE AND

| DATE                                                                                                                                                                                                                                                      | TIME RUN |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE                                                                                                                            |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|---------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|                                                                                                                                                                                                                                                           | HRS.     | MIN. | HRS.                | MIN. |                                                                                                                                                                                                                           |  |  |  |  |
| <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; font-size: small;">BROUGHT FORWARD</div> <div style="margin: 0 10px;">→</div> <div style="border: 1px solid black; padding: 2px;">10362</div> </div> |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
| April 14/80                                                                                                                                                                                                                                               | 15       | 74   | 1111                | 94   | 100 hr inspection & CCI                                                                                                                                                                                                   |  |  |  |  |
| <div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black;"></div> </div>                        |          |      |                     |      | Oil changed - W80 replaced. Fuel & oil screens checked & cleaned. Plugs cleaned & rotated. Four spark plugs replaced. Oil filter replaced. Oil line replaced. Compression check - #1 14/80, #2 10/80, #3 14/80, #4 19/80. |  |  |  |  |
|                                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
| April 18/81                                                                                                                                                                                                                                               | 71       | 5    | 1183                | 5    | Annual inspection / CCI                                                                                                                                                                                                   |  |  |  |  |
| <div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black;"></div> </div>                        |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
|                                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
| June 26/81                                                                                                                                                                                                                                                |          |      | 0000                |      |                                                                                                                                                                                                                           |  |  |  |  |
| June 26/81                                                                                                                                                                                                                                                |          |      | 0000                |      |                                                                                                                                                                                                                           |  |  |  |  |
| April 8/81                                                                                                                                                                                                                                                |          |      | 00                  |      | Engine re-installed after o/h.                                                                                                                                                                                            |  |  |  |  |
| CARRIED FORWARD                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
| TOTAL THIS PAGE                                                                                                                                                                                                                                           |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
| TOTAL FROM PREVIOUS SUMMARY                                                                                                                                                                                                                               |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |
| TOTAL SINCE MFG.                                                                                                                                                                                                                                          |          |      |                     |      |                                                                                                                                                                                                                           |  |  |  |  |



# MAINTENANCE RECORD

5

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

100 hr. inspection carried out in accordance  
with the manufactures' manual.  
Aircraft Airworthy

I hereby certify that I have this day inspected  
this Aircraft in compliance with the Condition  
& Conformity Inspection Procedure prescribed  
in the Engineering & Inspection Manual & that  
this Aircraft is Airworthy.

Signature

Signature

A.M.E. No.

A.M.E. No.

## FRED'S AERO MAINTENANCE LTD.

R.R.7, LANGLEY AIRPORT V3A 4R1  
PHONE: (604) 533-3525

100 hr. inspection carried out in accordance  
with the manufactures' manual.  
Aircraft Airworthy.

I hereby certify that I have this day inspected  
this Aircraft in compliance with the Condition  
& Conformity Inspection Procedure prescribed  
in the Engineering & Inspection Manual & that  
this Aircraft is Airworthy.

Signature

Signature

VRM 000783

A.M.E. No.

VRM 000783

A.M.E. No.

Date

Engine overhauled as per manufactured specification.  
See attached sheets - certified airworthy.

Valley Aero Engines

Inspector or D. Rate M.E.

VRM 783

Rec'd up test flown and returned  
to Service Airworthy Besenhouse VRM 783

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

[illegible]



VALLEY AERO ENGINES LTD.  
5385 - 216th ST., LANGLEY, B.C. V3A 4R1  
TELEPHONE 534-5017  
Langley Municipal Airport, B. C.

WORK ORDER NO.

3998

ENGINE OVERHAUL SHEET

ENGINE MAKE CONTINENTAL OWNER Mr. Bach, c/o Fred's Aero Ltd.,  
ENGINE TYPE 10-346 ADDRESS Langley Airport, LANGLEY, B.C.  
SERIAL NO. 100032-3-A WORK REQUIRED \_\_\_\_\_  
HOURS SINCE NEW 1183.5 DATE \_\_\_\_\_  
HOURS SINCE O/H 1st Run

ACCESSORIES OVERHAUL

| UNIT          | MAKE                              | DESCRIPTION | SERIAL                         |
|---------------|-----------------------------------|-------------|--------------------------------|
| Magneto       | Bendix                            | 10-163055-1 | 842799 Aviation Electric Ltd., |
| Magneto       | Bendix                            | 10-163015-3 | 682472 " " "                   |
| Harness       | Reinstalled time to be continued. |             |                                |
| Control Valve | Continental                       | 630275-1-2  | 1038 Flightcraft Inc.,         |
| Dist. Valve   | Continental                       | 631427-A8   | B208018C " " "                 |
| Fuel Pump     | Continental                       | 630885-1    | 1744 " " "                     |

DESCRIPTION OF WORK PERFORMED

Engine completely dismantled, cleaned and inspected. All Ferrous Metal Parts inspected by Magnaflux Magnetic and Zyglol Method. Engine assembled and tested in accordance with manufacturers recommendations.  
List of parts replaced, modifications incorporated and engine run in as per manufacturer specifications.

OVERHAUL BY:-

VALLEY AERO ENGINES LTD.,

INSPECTED BY:-

Chief Inspector

VRM 958

PARTS INCORPORATED TO PUT ENGINE IN SERVICEABLE CONDITION

| Quan.      | Part No.    | Description        | Quan. | Part No. | Description      |
|------------|-------------|--------------------|-------|----------|------------------|
| 4          | 532129      | Intake Valves      | 1     | X13041   | Clutch Bearing   |
| 4          | 626540      | Exhaust Valve      | 1     | 539800   | Clutch Spring    |
| 8 520105   |             | Outer Valve Spring | 1     | 534685   | Clutch Bearing   |
| 16         | 24802       | Valve Keepers      | 1     | 502287   | Ring             |
| 1 631757A3 |             | Gasket Set         | 1     | 501867   | Tab Washer       |
| 1          | 630685      | Camshaft           | 1     | 641368   | Needle Bearing   |
| 1          | 635439A1    | Main Bearings      | 1     | 630895   | Shaft Assy       |
| 2          | MS 9021-017 | O Ring             | 1     | 630680   | Bearing          |
| 4          | 534365      | Intake Washer      |       |          |                  |
| 4          | 534360      | Washer Spring      |       |          |                  |
| 4          | 536740      | Intake Seal        |       |          |                  |
| 4          | 639744      | Ring Set           |       |          |                  |
| 2          | AN 123862   | O Ring             |       |          |                  |
| 8          | 630826      | Rod Bearing        |       |          |                  |
| 8          | 35972       | Rod Bolt           |       |          |                  |
| 8          | 626140      | Rod Nut            |       |          |                  |
| 8          | 639292      | Cotter Pin         | 1     | 10-346   | Crankshaft       |
| 1          | 24804       | Retainer           |       |          |                  |
| 4          | 631088      | Screw              | 4     | 10-346   | Cylinders Chrome |
| 8          | 640946      | Tappet             |       |          |                  |
| 1          | 641250      | Nose Seal          |       |          |                  |
| 2          | 630046      | Piston Pin         |       |          |                  |
| 1          | AN 123902   | O Ring             |       |          |                  |
| 4          | 638172      | Magneto Cushion    |       |          |                  |
| 8          | 24835       | Bolt               |       |          |                  |
| 1          | DG 9        | Clamp              |       |          |                  |
| 1          | CH 48109    | Oil Filter         |       |          |                  |

ENGINE SERVICE AND

MAINTENANCE RECORD

DATE

TIME RUN  
HRS. MIN.  
TIME SINCE  
OVERHAUL  
HRS. MIN.

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS.

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

per manufacturer specification.  
certified accuracy.

VRM 958



# ENGINE SERVICE AND

| DATE                        | TIME RUN |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|----------|------|---------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | HRS.     | MIN. | HRS.                | MIN. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| BROUGHT FORWARD             |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| APR 14/82                   | 36       | 4    | 36                  | 4    | 100 HR + CCI Insp. Completed<br>① 75/80 ② 70/80 ③ 73/80 ④ 73/80<br>OIL CHANGED SHELL 80 MINERAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| APR 13/83                   | 33       | 1    | 69                  | 5    | 100 HR & CCI INSP CARRIED OUT IN ACCORD-<br>& THE F & I MANUAL<br>ENG OIL CHANGED WITH MINERAL 80 SHELL<br>ENG OIL FILTER REPLACED<br>ONE SPARK PLUG REPLACED<br>COMPRESSION LEAK TEST #1/68 #2/68<br>CF 68-4 complied with<br>ENG PUSH-ROD SEALS REPLACED ON #4<br>100 HR Inspection carried out I certify that all applicable requirements<br>in accordance with the manufacturers' manual. stated in the Engineering and Inspection<br>Aircraft Airworthy. Manual have been met and the aircraft is<br>Signature of A.M.E. determined to be airworthy.<br>Signature Date<br>Licence No. 164651 Date APR 13/83<br>A.M.E.No. Date |
| APRIL 14/84                 | 36       | 2    | 105                 | 7    | 100 HR & CCI INSP CARRIED OUT IN ACCORD<br>MANUAL & THE F & I MANUAL<br>ENG OIL CHANGED WITH SHELL 80 W<br>ENG OIL FILTER REPLACED<br>COMPRESSION LEAK TEST BASE OF 80 PSE<br>#1 & 3 CYLINDER EXHAUST GASKETS REPLACED<br>CF 68-4 HEAT. TUIEF INSP<br>100 HR Inspection carried out I certify that all applicable requirements<br>in accordance with the manufacturers' manual. stated in the Engineering and Inspection<br>Aircraft Airworthy. Manual have been met and the aircraft is<br>Signature of A.M.E. determined to be airworthy.<br>Signature Date<br>Licence No. XDM 164651 Date APRIL 14/84<br>A.M.E.No. Date         |
| TOTAL THIS PAGE             |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| TOTAL FROM PREVIOUS SUMMARY |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| TOTAL SINCE MFG.            |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



# MAINTENANCE RECORD

5

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

100 H.D. Inspection carried out  
in accordance with the  
manufacturers' manual.  
Aircraft Airworthy.

I hereby certify that I have inspected this aircraft in compliance with  
the condition and conformity inspection procedure prescribed in the  
engineering and inspection manual and the aircraft is airworthy.

USED  
Signature  
A.M.E.No. 264796  
Date APR 14/52

Date APR 14/52 Lic. # 264796 Signed [Signature]  
ENGINEER

ANCE WITH THE MANUFACTURES MAINTENANCE MANUAL

[Signature] XDM 164651

#3/70 #4/65

cylinder

I hereby certify that I have inspected this aircraft in compliance with  
the condition and conformity inspection procedure prescribed in the  
engineering and inspection manual and the aircraft is airworthy.

Date APR 13/83 Lic. # [Signature] Signed [Signature]  
ENGINEER

[Signature] XDM 164651

ANCE WITH THE MANUFACTURES MAINTENANCE

[Signature] XDM 164651

#1/74 #2/72 #3/76 #4/75.

c/w

I hereby certify that I have inspected this aircraft in compliance with  
the condition and conformity inspection procedure prescribed in the  
engineering and inspection manual and the aircraft is airworthy.

Date APR 14/84 Lic. # XDM 164651 Signed [Signature]  
ENGINEER

[Signature] XDM 164651

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.





# MAINTENANCE RECORD

6

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

completed as per Bosch Service Manual  
oil & Filter changed / Filled with  
Shell W-80 oil

by inspection carried out in accordance  
with the manufacturers' manual.  
Aircraft Airworthy.

I certify that all applicable requirements  
stated in the Engineering and Inspection  
Manual have been met and the aircraft  
is determined to be airworthy.

*[Signature]*  
Signature

Signature of A.M.E. *[Signature]*

KDM - 085943

A.M.E. No.

completed as

good.

I hereby certify that I have inspected  
this Aircraft in compliance with the Condition  
& Conformity Inspection Procedure  
prescribed in the Engineering & Inspection Manual  
and this Aircraft is Airworthy.

KDM -  
A.M.E.

I hereby certify that I have this day inspected  
this Aircraft in compliance with the Condition  
& Conformity Inspection Procedure prescribed  
in the Engineering & Inspection Manual & that  
this Aircraft is Airworthy.

KDM - 085943

A.M.E. No.

APR - 9 1987

Date



**PROGRESSIVE AIR**

2965 Airport Drive  
Kamloops, B.C. V2B 7W8

A.1.-99

D.O.T. App. No.: 15-82

Nomenclature CTLINDER & VALVE ASS'Y

Part No. C65-A1-630354CP Model or Type IO - 346

Make CONTINENTAL

Serial No. C3747

New        Overhauled W/OC3747 Repaired       

Previous Certification       

The material, part, or component identified hereon has been inspected and tested  
and is certified airworthy.

Date APR. 9/87

Inspector's Signature, Stamp

SERVICEABLE

I hereby certify that I have this day inspected  
this Aircraft in compliance with the Condition  
& Conformity Inspection Procedure prescribed  
in the Engineering & Inspection Manual & that  
this Aircraft is Airworthy.

Signature

KDM - 085943

A.M.E. No.

APR. 6 - 1988

Date



**WESTERN AVTECH**

SERVICES

R.R.I, Boundary Bay Airport

Delta, B.C. V4K 3N2

(604) 946-9911

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.



## Maintenance Release

This engine and or component identified hereon has been inspected and repaired in accordance with current Federal Aviation Regulations and is airworthy for return to service. Pertinent details are on file at this facility under Work Order Number 90093.

Date 5/10/90Signed [Signature]

for

FAA APPROVED REPAIR STATION AF5R724M

GRAHAM AIRCRAFT ENGINE SERV, INC.  
129 Bethea Road  
Fayetteville, GA 30214 Phone (404) 461-4641

VICE AND

INSPECTIONS,  
INES AS REQUIRED FOR COMPLETE

ction Completed  
echcraft  
check sheets

|                             |   |    |     |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|---|----|-----|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>July 25/91</u>           | 0 | 00 | 407 | 8 | Engine repaired and returned to service after assembled with the following new parts Supplied<br>1 Of Sa638161 Nose Seal, 8 of SA646277 Lifters, SA534685 Bearing, 1 of SA531378 Tach Seal, 1 of Filter, (OF11A), 4 of 10-346 Cermichrome Cylinder Valves. Parts Supplied by customer -- 8 of 6308 Ring Set, 4 of 530658 Bushing, 1 of 63-1757 A3 G Bearing. 4 of 631496 Guide, 1 of - 6 41543 Thr Continental Engine Serial No.100192-5-A was the |
| <u>MAR. 20/92</u>           | 0 | 0  | 407 | 8 | ENGINE INSTALLED IN BEECH WITH MANUFACTURER'S MAINT. FOUND, TEMPS & PRESSURES NORMAL                                                                                                                                                                                                                                                                                                                                                               |
| <u>JUL 92</u>               | 0 | 0  | 407 | 8 | ENG. REMOVED FROM A/C FOR                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <u>15 MAR 95</u>            | 0 | 0  | 407 | 8 | ENGINE INSTALLED ON BEECH<br>- INTERNAL CORROSION INSP COMPLETE<br>- R & L MAGS, ALTERNATOR & FUEL<br>- R & L MAG DRIVE GEARS DECORRODED<br>- ENG OIL & FILTER CHANGED.<br>CLEANED. - FUEL FILTERS CLEANED<br>NORMAL. Independent control                                                                                                                                                                                                          |
| <u>10 JUL 95</u>            | 0 | 0  | 407 | 8 | ANNUAL INSP COMPLETED PER                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <u>21 JUL 95</u>            | 7 | .2 |     |   | C4LS 1 THUR 4 REMOVED DUE BARREL'S                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                             |   |    | 415 | 0 | CARRIED FORWARD                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| TOTAL THIS PAGE             | 9 | 7  |     |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| TOTAL FROM PREVIOUS SUMMARY |   |    |     |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| TOTAL SINCE MFG.            |   |    |     |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



# MAINTENANCE RECORD

7

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

I certify that all the licence requirements  
stated in the Engineering and Inspection  
Manual have been met and the aircraft  
is determined to be airworthy.

Signature of A.M.E.

Licence No. KDM-685943 Date April 10/89

KDM-685943

impact damage. Engine re-  
y Valley Aero Engines Ltd.,  
of SAX13041 Bearing, 1 of  
630685 Camshaft, 1 of ES100  
rs, 4 of SA643873 Exhaust  
6 Bearing, 4 of 649227 CP  
sket Set, 1 of 646594 Al -  
ad. Parts supplied from O-346  
crankshaft.

The maintenance described has been  
performed in accordance with the  
applicable standards of airworthiness.

Name of authorized inspector

VALLEY AERO ENGINES LTD.

LA-88-1

A 23 SN M 777 IN ACCORDANCE  
MANUAL AND GROUND RUN NO LEAK

ENGINE-CONTINENTAL  
10-346-A SN 100032-3-A  
TSN - 1591.3  
TSMOH - 407.8

Installed in BEA23 S/N M711  
ON 20 MAR 1992 then removed  
Installed BEA23 S/N M733  
15 MAR 1995

Independent control check complete  
PAINTING  
A 23 SN M 733 C-FIX AFTER  
D. - ALL CYLS INSPECTED WITH  
PUMP REMOVED & REINSTALLED AFTER CO  
& INSP BY VALLEY AERO ENGINE & RE  
- FUEL SYSTEM FLUSHED & INJECTOR  
- ENGINE GROUND RUN TEMPS & P  
inspection completed ~~for~~ C076154  
A.W.M. CHAP. 571 APPENDIX A  
LEAK AT HEAD THREADS.

TSN - 1591.3  
TSMOH - 407.8

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

## ENGINE SERVICE AND

| DATE                        | TIME RUN |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE |
|-----------------------------|----------|------|---------------------|------|------------------------------------------------------------------------------------------------|
|                             | HRS.     | MIN. | HRS.                | MIN. |                                                                                                |
| BROUGHT FORWARD →           |          |      |                     |      |                                                                                                |
| hier 25/96                  | -        | -    | 415                 | .0   | 4 of 10-346 Continental cylinders                                                              |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
| 17 JUL 96                   | 41       | .4   | 462                 | .4   | ANNUAL INSP COMPLETED - OIL & NO UNUSUAL MATERIAL FOUND                                        |
|                             |          |      |                     |      | - MOTO STAT COMPLETED #1 7/90                                                                  |
| 3 MAY 97                    | 31       | .3   | 493                 | .7   | - OIL CHANGED & FILTER CHANGED BY                                                              |
| 24 SEPT 97                  | 12       | .7   | 506                 | .4   | ANNUAL INSP COMPLETED PER AWM 571 APPEN                                                        |
|                             |          |      |                     |      | - RAFFLE SEALS REPLACED AND RAFFLES MINERAL AND FILTER REPLACED - ENG.                         |
| 25 SEPT 97                  | 5        | .2   | 511                 | .6   | - OIL CHANGED & FILTER CHECKED AND CHANGED                                                     |
| 2 OCT 97                    | 2        | .1   | 513                 | .7   | - VAC PUMP REPLACED, GROUND RUN                                                                |
| 8 NOV 97                    | 4        | .8   | 518                 | .5   | - 1 OIL ADDED                                                                                  |
| 18 NOV 97                   | 9        | .9   | 528                 | .4   | - OIL & FILTER CHANGED, NO VISUAL CONTAM                                                       |
| 6 DEC 97                    | 2        | .2   | 530                 | .6   | - 1 QT OIL                                                                                     |
| 17 MAR 98                   | 17       | .5   | 548                 | .1   | REPLACED OIL PUMP GEARS P/N 63114B & 631386 ON UPPER VALLEY AVIATION INVOICE #104175. OIL      |
| 15 NOV 98                   | 41       | .5   | 589                 | .6   | ANNUAL INSP COMPLETED PER CHAP 571 APPEN A                                                     |
| DEC 10/99                   |          |      |                     |      | ANNUAL INSPECTION 1 60/80 2 70/80                                                              |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      | CARRIED FORWARD                                                                                |
| TOTAL THIS PAGE             |          |      |                     |      |                                                                                                |
| TOTAL FROM PREVIOUS SUMMARY |          |      |                     |      |                                                                                                |
| TOTAL SINCE MFG.            |          |      |                     |      |                                                                                                |



# MAINTENANCE RECORD

8

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

Valve ground. and assembled only  
VALLEY AERO ENGINES LTD.

THE MAINTENANCE DESCRIBED  
HEREON HAS BEEN PERFORMED  
IN ACCORDANCE WITH THE  
APPLICABLE STANDARDS OF  
AIRWORTHINESS

NAME OF AUTHORIZED INSPECTOR

6-86-1

FILTER REPLACED, FILTER INSPECTED COMPLETED

- BOTTOM PLUGS ROTATED TO TOP

#2 7/80 #3 7/80 #4 7/80

AL FLAKELY TRANSPOSED BY

A. - PISTON RINGS REPLACED IN ALL CYLS

REPAIRED AS REQ. - ENG OIL CHANGED TO

GROUND RUN TEMPS AND PRESS NORMAL NO LEAKS FOUND

ALL NORMAL NO LEAKS. TX FROM JOURNEY LOG

SUCTION 5"

NATURAL FOUND

WITH NEW GEARS DUE WEAR & PITTING. CERTIFICATION

& FILTER CHANGED. FILTER CLEAN (ENTRY TX FROM JOURNEY LOG)

3 6/80 4 3/80 NOTE #4 DUE FURTHER INSPECTION

ABOVE NOTED IN JOURNEY LOG

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

# ENGINE SERVICE AND

| DATE                        | TIME RUN |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE                                                                                                                                             |
|-----------------------------|----------|------|---------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | HRS.     | MIN. | HRS.                | MIN. |                                                                                                                                                                                                                                            |
| BROUGHT FORWARD             | →        |      | 589                 | 4    |                                                                                                                                                                                                                                            |
| FEB 9/01                    |          |      |                     |      | ANNUAL INSP 1-72/80 2-40/80 3-52/80<br>@ VALLEY AERO                                                                                                                                                                                       |
| MAR 14/01                   |          |      |                     |      | REPAIRED #4 PUSH ROD OIL LEAK.                                                                                                                                                                                                             |
| JUN 8/02                    |          |      |                     |      | ANNUAL INSPECTION COMPLETED<br>REMOVED DUE LOW COMPRESSION<br>FUEL INJECTION SYSTEM REMOVED<br>INDEPENDENT INSPECTION IN TOLUENE                                                                                                           |
| JULY 2/02                   |          |      |                     |      | OIL + FILTER CHANGED 7 L SHELL                                                                                                                                                                                                             |
| JAN 30/03                   |          |      |                     |      | OIL + FILTER CHANGED MINERAL                                                                                                                                                                                                               |
| JUN 08/03                   |          |      |                     |      | ANNUAL INSPECTION COMPLETED<br>1-76/80 2-75/80 3-70/80 4-70/80 OIL CH.                                                                                                                                                                     |
| FEB 10/04                   |          |      |                     |      | OIL + FILTER CHANGED<br>FILTER CHECKED OK                                                                                                                                                                                                  |
| JULY 10/05                  | 246      | 9    | 836                 | 5    | ANNUAL INSPECTION CARRIED OUT<br>OIL CHANGE PHILLIPS 20/50 OIL<br>OIL FILTER ADAPTS CHANGED TO<br>NEW ES 48100 ELEMENT INSTALLED<br>MUFF HEAT SHROUD RE PAIRED<br>#2 + #4 CYL GASKETS EX 4 AUG 5 REPAIRED<br>ENGINE TACK CHECK CARRIED OUT |
| JUNE 5/06                   | 55.6     |      | 891                 | 90   | Aircraft Over ran Runway - No Prop Strike<br>Shows 48410. Since next at 407.8                                                                                                                                                              |
|                             |          |      |                     |      | CARRIED FORWARD                                                                                                                                                                                                                            |
| TOTAL THIS PAGE             |          |      |                     |      |                                                                                                                                                                                                                                            |
| TOTAL FROM PREVIOUS SUMMARY |          |      |                     |      |                                                                                                                                                                                                                                            |
| TOTAL SINCE MFG.            |          |      |                     |      |                                                                                                                                                                                                                                            |



M

ENTRIES. DRAW A

CROSLAND AIR  
# 205 5333 216<sup>th</sup> St.  
Langley, BC V2Y 2N3

D.O.T. Approval No. 211.91

Nomenclature: OIL FILTER ADAPTER  
Manufacturer: CONTINENTAL Type/Model: \_\_\_\_\_  
Part No: 641639 Serial No: \_\_\_\_\_  
Total Time: 50 836.5 Work Order: \_\_\_\_\_  
Overhaul ☐ Repair ☐ Modification ☒ Removal ☐  
Previous Certification: CONTINENTAL

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

DATE

NAME OR AUTHORIZED INSPECTOR

LIC. No./STAMP

Details of outstanding work and other information on reverse.

MAINTENANCE RELEASE

1AW CARLS 625.86 (2) CYLINDERS  
REPAIRED CYL'S RE INSTALLED  
- REPAIRED @ PLO AERO - RE INSTALLED

MINERAL 80 ADDED FILTER CHECKED OK

100 AERO SHELL 15W50 ADDED  
OK

1AW CARLS 625.86 (2) CYLINDERS  
REPAIRED CYL'S RE INSTALLED  
- REPAIRED @ PLO AERO - RE INSTALLED

AERO SHELL 15W50 ADDED  
OK

PER PAR'S 625.86

#1 CYL POSIT ROD SCREW REPLACED

SPARK ON TYPE PIN 641 (39) ADDED

LEAK CHECK #1-71 #2-71 #3-75 #4-75

PF 90-03-R2 CARA 150 OUT.

AERO. #4

ENGINE - CONTINENTAL

10-346A S/N 100032-3-A

TSN - 2075.11

TSMOH - 891.90

TSM-Repair-484.1

Major Repair @ 407.8

ON 25 JULY 1991

ILS \_\_\_\_\_ HOURS.

Removed From  
BEA23 S/N 9733



# ENGINE SERVICE AND

| DATE                    | TIME RUN |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------|------|---------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | HRS.     | MIN. | HRS.                | MIN. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 18 March 2010           |          |      | 891                 | 90   | <p>This engine purchased from Western Aircraft Sales &amp; 526039C and installed in Beech A23. S/N M626 N8879M after being inspected, Borescoped, oil and filter changed and fuel pump overhauled by Quality Aircraft Assy Tulsa OK</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <del>Annual</del> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p><i>Chk VC Dech</i><br/>A&amp;P 1259314 IA</p> <p>I have completed the engine <u>Annual</u> inspection in accordance with the manufacturer's recommendations and FAR 43, Appendix D and found it to be fit for return to service.<br/>Compression as follows: #1 72/80; #2 70/80; #3 71/80; #4 75/80; #5 70/80; #6 70/80.</p> <p><i>Wayne Royal</i><br/>Wayne Royal, A&amp;P 1582896 IA</p> |
| TACH 1851.0             |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ENGINE - CONTINENTAL    |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10-346-A S/N 100032-3-A |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TSN - 2075.4            |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TSMOH - 891.90          |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TACH - S/N M626 N8879M  |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1851.0                  |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATE 18 MARCH 2010      |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TACH 1873.1             |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 22 July 2011            |          |      | 926.45              |      | <p>I have completed the engine Annual inspection in accordance with the manufacturer's recommendations and FAR 43 Appendix D and found it to be fit for return to service.<br/>Oil and filter changed.<br/>Filter inspected.</p> <p><i>Wayne Royal</i><br/>A&amp;P 1582896 IA</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TACH 1885.55            |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ENGINE - CONTINENTAL    |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10-346-A SN100032-3A    |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TSN - 2109.95           |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TSMOH - 926.45          |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TACH - 1885.55          |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATE 22 July 2011       |          |      |                     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

CARRIED FORWARD

|                  |  |  |
|------------------|--|--|
| TOTAL SINCE MFG. |  |  |
|------------------|--|--|



# MAINTENANCE RECORD

10

ENTRIES. DRAW

08/30/2012

1 ha  
inspe  
manu  
and 1  
it to  
Comp

#1 6

#2 7

#3 68/80

#4 72/80

Joseph M. Bennis AP 146384867 VA

-CONTINENTAL

100032-3-A

7.5

1.0

3.1

FEB 2011

Engine installed  
3-18-2010  
in 1988791A

S  
ATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

Annual  
th the  
lations  
Found  
cruc.

ENGINE - CONTINENTAL

10346-A SN 100032-3-A

TSN - 2199.75

TSMOH - 1016.25

TACH - 1975.35

DATE 8 AUG 2012

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

Log Book

#2

# ENGINE LOG

100335-5-A



NUMBER E F5

## ENGINE DESCRIPTION

|                         |                      |                              |
|-------------------------|----------------------|------------------------------|
| Mfg. <i>Continental</i> | Place                | Date                         |
| Type                    | Model <i>20-346A</i> | Serial No. <i>100385-5-A</i> |
| Rated H. P.             | Maximum H. P.        | Weight (Dry)                 |
| Rated R. P. M.          | Maximum R. P. M.     | Oil Pressure                 |
| Bore                    | Stroke               | Displacement                 |
|                         |                      | Cu. In.                      |
| Compression Ratio       | Supercharger Ratio   | Gear Ratio                   |
| Propeller               | Hub Design           | Hub Serial No.               |
| Blade Design            | Blade Serial No.     | Blade Serial No.             |
| Maximum Hub H. P.       | Maximum Blade H. P.  |                              |
| Pitch                   | Diameter             | Length                       |
| Owners Name             |                      |                              |
| Address                 | City                 | State                        |

## ENGINE LOG

[illegible]



[illegible][illegible]

## ENGINE LOG

| DATE            | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS - ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                               | SIGNATURE | LICENSE NUMBER |
|-----------------|----------|-----|----------------|------|-------------|------|------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|                 | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                                                                                                                                                                                                                                                                                                                                                                     |           |                |
|                 |          |     |                |      |             |      |            |      | I Certify that this <u>Engine</u> has been inspected<br>in accordance with <u>100-hour</u> inspection and was<br>determined to be in an Airworthy condition<br>ADS thru <u>73-20-7 incl. O.W. to 78-04-01</u><br>Spec. Conformance<br><u>6-10-80</u><br>Date <u>G.D. Thompson</u> <u>1345.09</u><br>Mechanic <u>404864389</u> Total Time<br><u>A &amp; P Number</u> |           |                |
|                 |          |     |                |      |             |      |            |      | I Certify that this <u>Engine</u> has been inspected<br>in accordance with <u>A100</u> inspection and was<br>determined to be in an Airworthy Condition.<br>ADS Thru <u>81-13</u><br>Spec. Conformance <u>N/A</u><br><u>7-9-81</u><br>Date <u>[Signature]</u> <u>1363.17</u><br>Mechanic <u>2140729</u> Total Time<br><u>A &amp; P Number</u>                       |           |                |
| BROUGHT FORWARD |          |     |                |      |             |      |            |      |                                                                                                                                                                                                                                                                                                                                                                     |           |                |
| TOTALS          |          |     |                |      |             |      |            |      |                                                                                                                                                                                                                                                                                                                                                                     |           |                |

## ENGINE LOG

[illegible]



# ENGINE LOG

[illegible]

## ENGINE LOG

[illegible]

## ENGINE LOG

| DATE                                                                                                                                                                                                                                                                                                            | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS                          | SIGNATURE          | LICENSE NUMBER |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|----------------|------|-------------|------|------------|------|------------------------------------------------|--------------------|----------------|
|                                                                                                                                                                                                                                                                                                                 | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                                                |                    |                |
| 54<br>19/19                                                                                                                                                                                                                                                                                                     |          |     |                |      |             |      |            |      | 1411 Change oil & oil screens Wash down engine | William R. Whiffle | D.E. 1329947   |
| Date <u>3/30/85</u> Total Time <u>1447</u> Tech Time <u>1447</u><br>I certify that this aircraft engine has been inspected in accordance with a <u>major</u> inspection and determined to be in the condition ADs thru <u>85/09</u><br>Spec. Conformance _____<br>Signed <u>William R. Whiffle</u> A&P1329947IA |          |     |                |      |             |      |            |      |                                                |                    |                |
| BROUGHT FORWARD                                                                                                                                                                                                                                                                                                 |          |     |                |      |             |      |            |      |                                                |                    |                |
| TOTALS                                                                                                                                                                                                                                                                                                          |          |     |                |      |             |      |            |      |                                                |                    |                |

## ENGINE LOG

| DATE            | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS                            | SIGNATURE          | LICENSE NUMBER |
|-----------------|----------|-----|----------------|------|-------------|------|------------|------|--------------------------------------------------|--------------------|----------------|
|                 | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                                                  |                    |                |
| 9-30            |          |     |                |      |             |      |            |      | 1483 hours Change oil & filters wash down engine | William R. Whiffle | D.E. 1329947   |
| BROUGHT FORWARD |          |     |                |      |             |      |            |      |                                                  |                    |                |
| TOTALS          |          |     |                |      |             |      |            |      |                                                  |                    |                |



## ENGINE LOG

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                        | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|----------------|------|-------------|------|------------|------|-----------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                             | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                       |           |                |
| 7/6                                                                                                                                                                                                                                                                                                                                                                                                                         |          |     |                |      |             |      |            |      |                       |           |                |
| 6/13                                                                                                                                                                                                                                                                                                                                                                                                                        |          |     |                |      |             |      | 1501       |      |                       |           |                |
| <p>I certify that this Aircraft/Engine has been inspected in accordance with a <u>Annual</u> inspection and determined to be in airworthy condition.</p> <p>Model <u>60316</u> S/N <u>100385-5-A</u><br/>         Total time <u>1521</u> Date <u>1521</u><br/>         Inspector <u>William D. McFid</u><br/>         Owensboro Aviation<br/>         CR's: 713-229<br/>         Owensboro, KY<br/> <u>FA 132894 IA</u></p> |          |     |                |      |             |      |            |      |                       |           |                |
| BROUGHT FORWARD                                                                                                                                                                                                                                                                                                                                                                                                             |          |     |                |      |             |      |            |      |                       |           |                |
| TOTALS                                                                                                                                                                                                                                                                                                                                                                                                                      |          |     |                |      |             |      |            |      |                       |           |                |

## ENGINE LOG

| DATE            | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SIGNATURE | LICENSE NUMBER |
|-----------------|----------|-----|----------------|------|-------------|------|------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|                 | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                |
| 7-20-87         |          |     |                |      |             |      |            |      | <p>Drained oil &amp; pulled filter no metal found. Found all compression below minimums. Removed all cylinders. Bred blasted &amp; replaced all exhaust guides &amp; all rings. Ground all valves &amp; valve seats to specifications. Painted cylinders &amp; installed with all required gasket &amp; packings. Serviced with 3 quarts Aeroshell 50wt mineral oil. Cleaned &amp; gapped spark plugs. Cleaned fuel injector nozzles ground RAN for performance &amp; leak check. OK. did compression test all cylinders 280 or better.</p> <p>Kenneth Lukefer AF-P 404061431</p> <p>Date <u>7-20-87</u> Hours <u>15840</u></p> <p>I certify that this <u>AIRCRAFT</u> <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition.</p> <p>Signed <u>D. S. 800</u><br/>         Number <u>FA 309748005</u></p> |           |                |
| BROUGHT FORWARD |          |     |                |      |             |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                |
| TOTALS          |          |     |                |      |             |      |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |                |

[illegible]

| DATE                                                                                                                                                                    | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME                                                                                                                                                    |      | REPAIRS — ADJUSTMENTS                       | SIGNATURE | LICENSE NUMBER |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|----------------|------|-------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|-----------|----------------|
|                                                                                                                                                                         | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.                                                                                                                                                          | MIN. |                                             |           |                |
| Aug 25, 1988                                                                                                                                                            |          |     |                |      |             |      | TAC                                                                                                                                                           |      | 1551                                        |           |                |
| <p>I certify that this <u>engine</u> has been inspected in accordance with a <u>visual</u> inspection and was determined to be in airworthy condition at this time.</p> |          |     |                |      |             |      |                                                                                                                                                               |      |                                             |           |                |
| 9-23-89                                                                                                                                                                 |          |     |                |      |             |      | Recording Tach 1602                                                                                                                                           |      | Spark plugs replaced. Ignition checked & OK | Paul Gray | IA 133 20 7396 |
| W.O. 8947                                                                                                                                                               |          |     |                |      |             |      | <p>I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH <u>annual</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.</p>                  |      |                                             |           |                |
|                                                                                                                                                                         |          |     |                |      |             |      | <p>William W. Kessler Sr. Exhaust system was rebuilt by Dawley Aviation Repair Station N15-R069N on this W.O. #8867 dated 9-14-89. yellow Tag in Envelope</p> |      |                                             |           |                |
| BROUGHT FORWARD                                                                                                                                                         |          |     |                |      |             |      |                                                                                                                                                               |      |                                             |           |                |
| TOTALS                                                                                                                                                                  |          |     |                |      |             |      |                                                                                                                                                               |      |                                             |           |                |



## ENGINE LOG

[illegible]

# ENGINE LOG

| DATE    | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS                                              | SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LICENSE NUMBER |  |
|---------|----------|-----|----------------|------|-------------|------|------------|------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--|
|         | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |  |
| 1-13-92 |          |     |                |      |             |      |            |      | Completed repairs for inspection 1,774.0                           | Removed cowland propeller. Engine washed down. Cowl, cowl fasteners and cowl field around motor gear strut repaired. Exhaust stacks, muffler & shroud checked and repaired as needed. Installed 4 new no-blow piston gaskets. Checked fuel oil system for condition and security. Tightened all clamps & attachments. Changed oil pan filter. Bushes & axles rust from engine mounts, baffles, firewall, etc. and painted same. Engine controls checked & lubricated. Fuel oil screens cleaned & systems checked OK. Compression checked 80% on all 4 cylinders. Spark plugs cleaned & replaced (one damaged plug replaced). Ignition system & magneto timing checked & adjusted. Cowl, prop & spinner replaced. Engine run up & no oil leaks. Engine operation & titles satisfactory and is approved. Engine is approved. AD's checked & OK to date. Ray Clark E692103. |                |  |
| 1-13-92 |          |     |                |      |             |      |            |      | TEST FLOWN and RETURNED TO SERVICE OK. - Ray Clark                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |  |
|         |          |     |                |      |             |      |            |      | Date 1-13-92 Total Time 1774.53                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |  |
|         |          |     |                |      |             |      |            |      | I certify that this Engine has been inspected in accordance with   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |  |
|         |          |     |                |      |             |      |            |      | Annual inspection and was determined to be in airworthy condition. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |  |
|         |          |     |                |      |             |      |            |      | John D. Summer                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |  |
|         |          |     |                |      |             |      |            |      | 403320855-IA                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |  |
|         |          |     |                |      |             |      |            |      | BROUGHT FORWARD                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |  |
|         |          |     |                |      |             |      |            |      | TOTALS                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |  |



| DATE                                                                                                                                                                       | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS - ADJUSTMENTS                                                                                                                                                                                                                                                                                               | SIGNATURE | LICENSE NUMBER |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|----------------|------|-------------|------|------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|                                                                                                                                                                            | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                                                                                                                                                                                                                                                                                                                     |           |                |
| 1-14-93                                                                                                                                                                    |          |     | 18             | 12   | 5           |      |            |      | DATE: 1-28-93 TACH: 1812.8                                                                                                                                                                                                                                                                                          |           |                |
| CERTIFY THAT THIS <u>Engine</u><br>HAS BEEN INSPECTED IN ACCORDANCE WITH<br><u>Annual</u> INSPECTION AND<br>DETERMINED TO BE IN<br>AIRWORTHY <del>UNUSABLE</del> CONDITION |          |     |                |      |             |      |            |      | 1. REPLACED IGNITION HARNESS<br>SKYTRONICS PIN- C8-1BS-II                                                                                                                                                                                                                                                           |           |                |
| TOTAL TIME AIRCRAFT <u>1812.8</u> HOURS<br>TOTAL TIME ENGINE <u>1812.8</u> HOURS<br>TIME LAST 12 MONTHS <u>35.7</u> HOURS<br><u>Walter B. Bush</u><br><u>FA 1541984</u>    |          |     |                |      |             |      |            |      | <u>Jim R. Valle A+P 527791595</u>                                                                                                                                                                                                                                                                                   |           |                |
| 7-17-93                                                                                                                                                                    |          |     |                |      |             |      |            |      | * 2 CYLINDER REMOVED AND REPAIRED<br>BY LYCON INC OF MESA AZ. INVOICE #<br>71293AA. CYLINDER REINSTALLED. NEW EXHAUST<br>STUDS INSTALLED <u>AS</u> REQUIRED. NEW EXHAUST<br>GASKETS INSTALLED, RUBBER MANIFOLD TUBES AND<br>O-RINGS REPLACED. ENGINE RUN UP AND<br>LEAK CHECKED OK.<br><u>July 1993 A+P 2463023</u> |           |                |
| BROUGHT FORWARD                                                                                                                                                            |          |     |                |      |             |      |            |      |                                                                                                                                                                                                                                                                                                                     |           |                |
| TOTALS                                                                                                                                                                     |          |     |                |      |             |      |            |      |                                                                                                                                                                                                                                                                                                                     |           |                |

| DATE            | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS                                                                    | SIGNATURE | LICENSE NUMBER |
|-----------------|----------|-----|----------------|------|-------------|------|------------|------|------------------------------------------------------------------------------------------|-----------|----------------|
|                 | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                                                                                          |           |                |
| 11-9-94         |          |     |                |      |             |      | 1833       | 8    | COMPLETE INSPECTION HOOM-                                                                |           |                |
|                 |          |     |                |      |             |      |            |      | PLISHED ON ENGINE I/A/W BEECH A-23A SERVICE                                              |           |                |
|                 |          |     |                |      |             |      |            |      | MANUAL COMPRESSION CHECK WITH THE FOLLOW-                                                |           |                |
|                 |          |     |                |      |             |      |            |      | ING READINGS #1 $1\frac{1}{2}$ #2 $1\frac{1}{2}$ #3 $1\frac{1}{2}$ #4 $1\frac{5}{8}$ C/W |           |                |
|                 |          |     |                |      |             |      |            |      | AD 91-19-03 OIL FILTER ELEMENT CHANGE OIL                                                |           |                |
|                 |          |     |                |      |             |      |            |      | AND FILTER 9 QTS AERO SHELL 50 WGT OIL                                                   |           |                |
|                 |          |     |                |      |             |      |            |      | ADDED. C/W AD 8702-08 LOSS OF ENG OIL C/W                                                |           |                |
|                 |          |     |                |      |             |      |            |      | AD 94-01-03 BY REPLACING MAGS AND TIMING                                                 |           |                |
|                 |          |     |                |      |             |      |            |      | TO ENG. PER SERVICE MANUAL 24° LEFT MAG                                                  |           |                |
|                 |          |     |                |      |             |      |            |      | NEW P/N 10-163015-3 SER. NO. J20940SER                                                   |           |                |
|                 |          |     |                |      |             |      |            |      | RIGHT MAG P/N 10-163055-1 S/N J25940IER                                                  |           |                |
|                 |          |     |                |      |             |      |            |      | AD NO LONGER APPLIES THESE MAGS WERE                                                     |           |                |
| BROUGHT FORWARD |          |     |                |      |             |      |            |      | NEW SEE FAA FORM 8130-3 FORM IN A/C                                                      |           |                |
| TOTALS          |          |     |                |      |             |      |            |      | RECORDS                                                                                  |           |                |



| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R. P. M.                                                                                                                                                                                                                        |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------|------|-------------|------|------------|------|-----------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | GROUND                                                                                                                                                                                                                          | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                       |           |                |
| 94<br>11-9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                 |     |                |      |             |      | 1833       | 8    |                       |           |                |
| <div style="border: 1px solid black; padding: 5px;"> <p>I hereby certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and is determined to be in an airworthy condition.</p> <p>See attached AD note summary. W.O. # <u>10561</u></p> <p>T.T. <u>1833.8</u> Date <u>11-9-94</u></p> <p><u>10561</u> # <u>1165804</u></p> <p>AMERICAN AVIATION INC.<br/>MEADOW LAKE AIRPORT<br/>Peyton, CO 80831<br/>(719) 683-2547</p> <p>FAA REPAIR STATION #CKYR874C</p> </div> |                                                                                                                                                                                                                                 |     |                |      |             |      |            |      |                       |           |                |
| 95<br>12-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | COMPLETE INSPECTION ACCOMPLISHED ON ENG. CLEANED PLUGS<br>TIGHTENED INDUCTION HOSE CLAMPS REPLACED FILTER ACCOMPLISHED<br>Comp check # 1 $6\frac{1}{80}$ # 2 $7\frac{1}{80}$ # 3 $7\frac{1}{80}$ # 4 $7\frac{1}{80}$ ADDED 8 GT |     |                |      |             |      |            |      |                       |           |                |
| BROUGHT FORWARD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                 |     |                |      |             |      |            |      |                       |           |                |
| TOTALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                 |     |                |      |             |      |            |      |                       |           |                |

| DATE<br>95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | R. P. M.                                                                                                                                                            |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS - ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------|------|-------------|------|------------|------|-----------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | GROUND                                                                                                                                                              | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                       |           |                |
| 12-07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AERO SHELL 20/50 0.1 / WASHED ENG. CHECKED CONTROL LINKAGE, REPLACED AIR FILTER TAC TIME 1847.88 NO ADs APPLY TO THIS ENGINE AT THIS TIME SEE AIR LOG FOR LISTINGS. |     |                |      |             |      |            |      |                       |           |                |
| <div style="border: 1px solid black; padding: 5px;"> <p>I hereby certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100HR</u> inspection and is determined to be in an airworthy condition. See attached AD note summary. W.O.# <u>10639</u> T.T. <u>1247.88</u> Date <u>12-7-95</u><br/> <u>13 JUNE 1996</u><br/>           AMERICAN AVIATION INC.<br/>           MEADOW LAKE AIRPORT<br/>           Peyton, CO 80861<br/>           (719) 685-2547<br/>           FAA-REPAIR STATION #CKV874C</p> </div> |                                                                                                                                                                     |     |                |      |             |      |            |      |                       |           |                |
| BROUGHT FORWARD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                     |     |                |      |             |      |            |      |                       |           |                |
| TOTALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                     |     |                |      |             |      |            |      |                       |           |                |

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS - ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|----------------|------|-------------|------|------------|------|-----------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                       |           |                |
| 1-28<br>97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |     |                |      |             |      |            |      |                       |           |                |
| <p>1-28 42AC 186721 A COMPLETE INSPECTION ACCOMPLISHED F/A/W<br/>         Beech SERVICE MANUAL checked timing cleaned PLUGS CHANGE<br/>         OIL 8 QTS PHILLIPS 20/50 OIL ADDED CHECKED COMPRESSION #1<br/>         16/80 #2 72/80 #3 72/80 #4 74/80 CHANGED OIL FILTER WASHED ENG<br/>         checked controls AND GENERAL CONDITION. RAN UP checked FOR<br/>         LEAKAGE + OPERATION. RELEASED FOR FLIGHT <sup>ENGINE</sup> <del>ALL</del> INSPECTED<br/>         F/A/W AN <del>NOO</del> <sup>NOO</sup> INSPECTION<br/>         THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPENDAGE IDENTIFIED ABOVE<br/>         WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL<br/>         AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE<br/>         PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THE REPAIR STATION UNDER</p> |          |     |                |      |             |      |            |      |                       |           |                |
| <p>ORDER NO. 10717 DATE 1/28/97<br/>         SERIAL 137444 R31165804 FOR American Aviation<br/>         SIGNATURE OF AUTHORIZED REPRESENTATIVE (REPAIR STATION NAME)<br/>         CRUR 874C Peyton, CO<br/>         (CERTIFICATE NO.) (ADDRESS OF STATION)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |     |                |      |             |      |            |      |                       |           |                |
| BROUGHT FORWARD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |     |                |      |             |      |            |      |                       |           |                |
| TOTALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |     |                |      |             |      |            |      |                       |           |                |

[illegible]



## ENGINE LOG

| DATE | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|------|----------|-----|----------------|------|-------------|------|------------|------|-----------------------|-----------|----------------|
|      | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                       |           |                |

Date: 06/08/99 Tach: 1907.7 Reg: N2321W Arrow Aviation WO# 990353

Removed and replaced tachometer cable assembly. Ran up engine operational checked good. Aircraft returned to service. Maintenance performed in accordance with Beechcraft Service Manual.

Armando P. Alvaro A&P562296773

BROUGHT FORWARD

TOTALS

## ENGINE LOG

| DATE | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|------|----------|-----|----------------|------|-------------|------|------------|------|-----------------------|-----------|----------------|
|      | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                       |           |                |

August 24, 1999 Tach Time: 1907.8 Completed Compression check. cyl. #1  $70\frac{1}{10}$ , #2  $62\frac{1}{10}$ , #3  $78\frac{1}{10}$ , #4  $65\frac{1}{10}$ .

Drained oil and replaced oil filter. serviced with 8qt. Phillips 20W50. cleaned and

gapped spark plugs. cleaned fuel screen and primer nozzles. All A/D's to 99-16

Complied with and entered in compliance log.

CERTIFY THAT THIS Engine HAS BEEN INSPECTED  
IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS  
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

TACH TIME 1907.8 TOTAL TIME 1907.8

PROP TIME 1907.8 ENGINE SMOH 1907.8

DATE August 24, 1999 NEIL D. WICKLIFF IA 484664369

Neil Wickliff  
IA 484664369

11/12 TACH 1914.1 Removed, cleaned, and tested spark plugs. Found two defective spark plugs. Replaced plugs w/ Champion RHM 40E. Reset magneto (left) E gap, Primary and retard points. Ran up Retimed magneto to engine. Run-up check good. Wayne Digger A&P 458046805

BROUGHT FORWARD

TOTALS

DAT

**PEARCE AIRCRAFT SERVICES, INC.**

8266B CESSNA DRIVE MEADOW LAKE AIRPORT PEYTON COLORADO 80831

| DATE     | TACH   | TIS    | REGIST | MFR | MODEL  | SERIAL |
|----------|--------|--------|--------|-----|--------|--------|
| 10-12-00 | 2034.5 | 2034.5 | 2321W  | TCM | IO346A | 100385 |

1. INSPECTED AND USING BEECH 169-0015 (5) AS A GUIDE AND SERVICING IAW THE CHECK LIST.
2. DIFFERENTIAL COMPRESSION: #1-75/80 #3-79/80  
#2-76/80 #4-77/80
3. DRAINED OIL. SERVICED 8 QUARTS OF PHILLIPS 20W50 XC
4. REPLACED THE OIL FILTER WITH A NEW CFO 100. OPENED THE OLD FILTER. THERE WAS NO SIGNIFICANT CONTAMINATION OR METAL .
5. RAN FOR A POWER CHECK. THE ENGINE MET REQUIRED PARAMETERS.
6. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR /ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

ROBERT K. TAYLOR A & P 524291127 IA.

BROUGHT FORWARD

TOTALS

|      |         |            |        |
|------|---------|------------|--------|
| Date | 9-20-01 | Total Time | 2097.9 |
|------|---------|------------|--------|

I certify that this ENGINE  
has been inspected in accordance with a  
100-HOUR inspection and was determined  
to be in airworthy condition.

Name Wayne Dixon

Certificate # A/P 458046805

LICENSE  
NUMBER

DATE \_\_\_\_\_

R. P. M.

TIME ON  
GROUND

TIME IN AIR

TOTAL TIME

REPAIRS — ADJUSTMENTS

SIGNATURE

LICENSE  
NUMBER

Date 9-20-01 Total Time 2097.9

|                      |          |                          |                  |
|----------------------|----------|--------------------------|------------------|
|                      |          |                          | CHAMPION CFD 100 |
| Drained oil, changed | filter   | cleaned screen, serviced |                  |
| with                 | 8 quarts | A/S 80W                  |                  |

Runup, leak checked good.

Name Wayne Digg

Certificate # A/P 458046805

Replaced all exhaust gaskets with new P/N SA627429.

## Cylinder Compressions

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  |
| 65 | 63 | 71 | 60 | —  | —  |
| 80 | 80 | 80 | 80 | 80 | 80 |

BROUGHT FORWARD

. TOTALS



| DATE                                           |     | R. P. M. | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS - ADJUSTMENTS    | SIGNATURE | LICENSE NUMBER |
|------------------------------------------------|-----|----------|----------------|------|-------------|------|------------|------|--------------------------|-----------|----------------|
| GROUND                                         | AIR |          | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                          |           |                |
| 9-25-02                                        |     |          |                |      |             |      |            |      | NEW BIL 35 BATTERY       |           |                |
| 11                                             |     |          |                |      |             |      |            |      | CLEANED CONTACTS         |           |                |
|                                                |     |          |                |      |             |      |            |      | CHARGE OIL CLEANED       |           |                |
|                                                |     |          |                |      |             |      |            |      | SCREEN SERVICED w/       |           |                |
|                                                |     |          |                |      |             |      |            |      | 8 qts ARCO SHELL 50      |           |                |
|                                                |     |          |                |      |             |      |            |      | RUN UP GOOD OIL PRESSURE |           |                |
|                                                |     |          |                |      |             |      |            |      | NO LEAKS                 |           |                |
|                                                |     |          |                |      |             |      |            |      | EXPIRING TIME 2140.34    |           |                |
| *ALSO THIS DATE NEW OIL COOLER LINES INSTALLED |     |          |                |      |             |      |            |      | STEVE COX                |           |                |
|                                                |     |          |                |      |             |      |            |      | SHIRLEY AIP # 37504308   |           |                |
| BROUGHT FORWARD                                |     |          |                |      |             |      |            |      | 500                      |           |                |
|                                                |     |          |                |      |             |      |            |      | 37504308                 |           |                |
| TOTALS                                         |     |          |                |      |             |      |            |      |                          |           |                |

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|----------------|------|-------------|------|------------|------|-----------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                       |           |                |
| <p>Flight Line Aviation, Inc. 1026 Consolidated Rd. Elizabeth City NC 27909 252-338-5347</p> <p>DATE 10-30-02 TACH <del>2244.8</del> 2144.8 TTIS <del>2244.8</del> 2144.8 MFR TCM MODEL IO346A SERIAL 100385</p> <p>Inspected using Beech 169-0015(5) and serviced IAW the check list.<br/>           Differential compression #1 70/80 #2 71/80 #3 72/80 #4 78/80<br/>           Drained oil and serviced with 8 qts Aeroshell W100+<br/>           Removed and inspected oil filter and replaced with new CFO 100<br/>           Ran for power and leak check with no discrepancies.</p> <p>I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition. <i>David W. Bush</i> A&amp;P 2614083 IA</p> |          |     |                |      |             |      |            |      |                       |           |                |
| <p>BROUGHT FORWARD</p> <p>TOTALS</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |     |                |      |             |      |            |      |                       |           |                |

[illegible][illegible]



## ENGINE LOG

| DATE            | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |        | TOTAL TIME |      | REPAIRS — ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SIGNATURE | LICENSE NUMBER |
|-----------------|----------|-----|----------------|------|-------------|--------|------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|                 | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN.   | HRS.       | MIN. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                |
| 9-14-09         |          |     |                |      | ETT         | 2178.4 |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                |
|                 |          |     |                |      | SMOH        | 0.0    |            |      | THIS AIRCRAFT ENGINE OR ACCESSORIES OR APPLIANCE IDENTIFIED ABOVE WAS:<br><input checked="" type="checkbox"/> OVERHAULED<br><input type="checkbox"/> REPAIRED<br><input type="checkbox"/> TESTED<br>IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER ORDER:<br>W/O 0904020 DATE 9-14-09<br>SIGNED <u>Jeffrey W. Matheson</u> FOR<br>AERO REPAIR WORKS LLC<br>4451 S AIRCRAFT DRIVE<br>ANCHORAGE, ALASKA 99502 |           |                |
| BROUGHT FORWARD |          |     |                |      |             |        |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                |
| TOTALS          |          |     |                |      |             |        |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                |

## ENGINE LOG

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | R. P. M. |     | TIME ON GROUND |      | TIME IN AIR |      | TOTAL TIME |      | REPAIRS — ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|----------------|------|-------------|------|------------|------|-----------------------|-----------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GROUND   | AIR | HRS.           | MIN. | HRS.        | MIN. | HRS.       | MIN. |                       |           |                |
| wo: N8879M090121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |     |                |      |             |      |            |      |                       |           |                |
| Pinehurst Aviation Services - 7825 Aviation Dr. - Carthage, NC 28327 - 9105035005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |     |                |      |             |      |            |      |                       |           |                |
| <div style="display: flex; justify-content: space-between;"> <div> <b>N8879M</b><br/>TACH: 2520.93         </div> <div> <b>Continental, IO-346-A, S/N: 100385-5-A</b><br/>TTSN: 2178.4 TSOH: 0.0         </div> <div> <b>December 03, 2021</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                    |          |     |                |      |             |      |            |      |                       |           |                |
| <ol style="list-style-type: none"> <li>1. Removed Continental IO-346-A S/N 100192-5-A and replaced with Overhauled Continental IO-346-A S/N 100385-5-A. Overhaul performed by Aero Recip Alaska LLC under W/O# 0904020. Ground run and leak check completed. Return to service flight completed and satisfactory at this time and date.</li> <li>2. Inspected engine controls for operation, condition and security of attachment. Replaced induction filter. Refer to AD compliance list for AD status. Installed P/N AA48108-2 - Filter, Oil, Installed (7 quart) P/N W100 Mineral Oil - Oil.</li> <li>3. Adjusted fuel system IAW SID 97-3 Rev F.</li> </ol> |          |     |                |      |             |      |            |      |                       |           |                |
| I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition at this time and date.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |     |                |      |             |      |            |      |                       |           |                |
| With respect to only the work performed, this engine is approved for return to service. Details of work performed are on file with Pinehurst Aviation Services under work order: N8879M090121.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |     |                |      |             |      |            |      |                       |           |                |
| Brandon Smith A&P/IA 3985223 <u>Brandon Smith</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |     |                |      |             |      |            |      |                       |           |                |
| BRC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |     |                |      |             |      |            |      |                       |           |                |
| TOTALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |     |                |      |             |      |            |      |                       |           |                |





Wrong SN  
Old Log.  
Incorrect

The Standard

# ENGINE LOG

ASA-SE-1

The Standard Engine Log  
SE-1

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P N R A S A - S E - 1

ISBN 978-1-56027-416-2



5 0 5 9 5



## Engine Record General Information

Manufacturer CONTINENTAL

Model IO-346-A

Serial 100032-3-A

Type Certificate \_\_\_\_\_

This engine is currently installed in aircraft BEECHCRAFT MUSKATEER A-23, SER# M626, N8879M

Minimum Octane Fuel \_\_\_\_\_ Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_

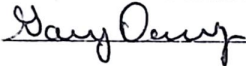
Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer recommended overhaul at \_\_\_\_\_ hours



| YEAR:<br>_____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                           | Date 9-21-2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N8879M                      | Serial Number :M-626                                                                                                                                                                                           |
|                        |                           | Engine: IO-346-A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ser Number: 100032-3-A      | TAC: 2014.82    TTSN: 2239.22    TSMOH: 1055.72                                                                                                                                                                |
|                        |                           | 100 hour inspection complied with this date Ref: FAR 43 Appendix D scope and detail inspection. Compression check as follows #1 64/80, #2 74/80, #3 66/80, #4 72/80. Drained oil and removed old oil filter. Cut open old filter and found no contaminants. Installed new filter (CH 48109-1) and serviced with 8 qts of Phillips X/C 20W50. Spark Plugs removed, cleaned, checked gap and reinstalled. Removed injectors, cleaned and reinstalled Ran Engine and found no leaks. Checked magneto timing. AD 95-03-14 Engine mount brackets due at 2500.00 TTSN. |                             |                                                                                                                                                                                                                |
|                        |                           |  Jeffrey David Hopewell A&P 2822498    9-21-2013                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |                                                                                                                                                                                                                |

| YEAR:<br>_____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT                                                                                                                                            | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                           | Date 9-21-2013                                                                                                                                               | N8879M                      | Serial Number :M-626                                                                                                                                                                                           |
|                        |                           | Engine: IO-346-A                                                                                                                                             | Ser Number: 100032-3-A      | TAC: 2014.82    TTSN: 2239.22    TSMOH: 1055.72                                                                                                                                                                |
|                        |                           | 100 HR/Annual Inspection C/W this date. Ref: FAR 43 Appendix D Scope and Detail See work Performed Dated 9-21-2013. All AD'S checked for compliance to date: |                             |                                                                                                                                                                                                                |
|                        |                           | I certify that this airframe has been inspected IAW 100 hr Inspection and found to be in an Airworthy Condition.                                             |                             |                                                                                                                                                                                                                |
|                        |                           |  Gary Davy A&P 1671936 IA                                                 |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                              |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                              |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                              |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                              |                             |                                                                                                                                                                                                                |
|                        |                           |                                                                                                                                                              |                             |                                                                                                                                                                                                                |

|                        |                           |                   |                             |                                                                                                                                                                                                                |  |  |  |  |  |
|------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| YEAR:<br>_____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |  |  |  |  |  |
|------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|

FIDELIS  
AVIATION

Hilton Head Airport HXD

52 Gateway Circle

Reference: Invoice #

Hilton Head Island, SC 29926

| DATE     | AIRCRAFT REG # | MANUFACTURE | MODEL # | SERIAL #   | TTA     | TTSN    | SMOH    | HOBBS | TACH    |
|----------|----------------|-------------|---------|------------|---------|---------|---------|-------|---------|
| 03/11/14 | N8879M         | Continental | IO-346A | 100032-3-A | 2065.70 | 2290.10 | 1106.60 | 95.0  | 2065.70 |

D: 50 hour oil change due

C/A: Drained oil and removed old oil filter. Cut open old filter and found no contaminants upon inspection. Installed new filter Tempest AA48109 and serviced with 8 quarts of Phillips X/C 20W50.

D- Discrepancy; C/A- Corrective Action; C/W-Complied With; IAW-In Accordance With; AMM-Aircraft Maintenance Manual; P/S/N- Part/Serial Number; R&R-Remove and Replaced; MT- Maintenance Technician  
This aircraft was serviced/repaired/inspected in accordance with current requirements of the FAA and is approved for return to service.

Damion Quest A&P # 3736395

Signature

|                        |                           |                   |                             |                                                                                                                                                                                                                |  |  |  |  |  |
|------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| YEAR:<br>_____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |  |  |  |  |  |
|------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|

FIDELIS  
AVIATION

Hilton Head Airport HXD

52 Gateway Circle

Reference: Invoice #

Hilton Head Island, SC 29926

| DATE     | AIRCRAFT REG # | MANUFACTURE | MODEL # | SERIAL #   | TTA     | TTSN    | SMOH    | HOBBS | TACH    |
|----------|----------------|-------------|---------|------------|---------|---------|---------|-------|---------|
| 05/09/14 | N8879M         | Continental | IO-346A | 100032-3-A | 2087.32 | 2311.72 | 1128.22 | 124.2 | 2087.32 |

D: Ammeter showing rapid discharge during flight.

C/A: Tested for charge rate and determined the alternator to be INOP. R&R Delco Alternator with overhauled P/N 1100716 IAW AMM. Conducted run up and test flight and recharge rate tested good and ammeter read positive charge.

D- Discrepancy; C/A- Corrective Action; C/W-Complied With; IAW-In Accordance With; AMM-Aircraft Maintenance Manual; P/S/N- Part/Serial Number; R&R-Remove and Replaced; MT- Maintenance Technician

This aircraft was serviced/repaired/inspected in accordance with current requirements of the FAA and is approved for return to service.

Damion Quest A&P # 3736395

Signature



YEAR:

DATE

Fidelis Aviation

Hilton Head Airport HXD

71 Summit Drive

Repair

## ENGINE LOG

Reference: WO# 1338

Hilton Head Island, SC 29926

| DATE    | AIRCRAFT REG # | MANUFACTURE | MODEL #  | SERIAL #  | HOBBS/TACH TIME | SMOH/TT         |
|---------|----------------|-------------|----------|-----------|-----------------|-----------------|
| 7/29/14 | N8879M         | TCM         | IO-346-A | 100032-3A | 158.2/2113.55   | 1154.45/2337.95 |

C/W Annual Inspection using Beech A-23 M/M Inspection guide.

COMPRESSIONS 80/80: #1/59, #2/64, #3/70, #4/65

Drained oil. Removed and inspected oil filter. Installed new AA48109-2 oil filter and serviced engine with 8 qts Phillips 20W50XC oil.

Installed new engine shock mounts p/n J-10778-4 using new bolts 96-910023 &amp; 13909b77, new nuts.

Removed magnetos for overhaul. Installed magnetos after overhaul: left p/n 10-600604-1 s/n 628472 (Quality Aircraft Accessories WO# 1170015822.001 dated 7/16/14), right p/n 10-600654-1 s/n 824799 (Quality Aircraft Accessories WO# 1170015822.002 dated 7/16/14). Timed mags to engine.

Installed serviceable oil filler tube p/n 632964 with new o-ring MS9021-210, gasket 649965.

Installed one new exhaust stud 402044 in #4 cylinder.

Installed overhauled starter p/n 1109694 s/n A31601 (Aerotech of Louisville WO# 108395 dated 6/3/13).

Cleaned and ground ran engine. Operational checks normal with no leaks noted.

CONTINUED NEXT PAGE

YEAR:

DATE

REC  
TAC  
TIMI

CONTINUED FROM PREVIOUS PAGE

This aircraft, engine, or propeller was serviced/repaired/inspected in accordance with current requirements of the FAA and is approved for return to service.

Edward Tre Howe A&amp;P # 171641872

Damion Quest A&amp;P# 3736395

Michael Justin Wade A&amp;P# 3399491

I certify that engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.

Paul W Craig, JR A&amp;P # 3598146 IA

| YEAR:<br>_____<br>DATE                                                                                                                                       | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |        |                                                                              |      |       |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------|------|-------|--------|
| <div>FIDELIS<br/>AVIATION</div>                                                                                                                              |                           |                   |                             | <div>Hilton Head Airport HXD<br/>Reference: Work Order # 1413<br/>Maintenance Record (Airframe)</div>                                                                                                          |        | <div>71 Summit Drive<br/>Hilton Head Island, SC 29926<br/>843-681-4705</div> |      |       |        |
| DATE                                                                                                                                                         | AIRCRAFT<br>REG #         | MANUFACTURE       | MODEL #                     | SERIAL #                                                                                                                                                                                                       | TTA    | TTSN                                                                         | SMOH | HOBBS | TACH   |
| 3/2/15                                                                                                                                                       | N8879M                    | Beechcraft        | A23                         | M626                                                                                                                                                                                                           | 2131.8 | —                                                                            | —    | 185   | 2131.8 |
| <div>Installed warranty repaired alternator from Aerotech of Louisville, S/N: A702159.<br/>Operational checks normal. No discrepancies or radio noise.</div> |                           |                   |                             |                                                                                                                                                                                                                |        |                                                                              |      |       |        |
| Warren Kelly A&P 3559664                                                                                                                                     |                           |                   |                             | Signature <u>Warren Kelly</u>                                                                                                                                                                                  |        |                                                                              |      |       |        |

[illegible]





*The Standard*

# ENGINE LOG

**ASA-SE-1**

The Standard Engine Log  
SE-1

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02



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50595

**Engine Record** General Information

Manufacturer CONTINENTAL Model IO-346-A

Serial 100192-S-A Type Certificate \_\_\_\_\_

This engine is currently installed in aircraft: BEech MuskateER A-23 SN M626  
N8879M

Minimum Octane Fuel \_\_\_\_\_ Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer's Recommended Overhaul at \_\_\_\_\_ hours



Date 9-21-2013

N8879M

Serial Number :M-626

Engine: IO-346-A

Ser Number:

TAC: 2014.82

TTSN: 2239.22

TSMOH: 1055.72

Technician or

100 hour inspection complied with this date Ref: FAR 43 Appendix D scope and detail inspection. Compression check as follows #1 64/80, #2 74/80, #3 66/80, #4 72/80. Drained oil and removed old oil filter. Cut open old filter and found no contaminants. Installed new filter (CH 48109-1) and serviced with 8 qts of Phillips X/C 20W50. Spark Plugs removed, cleaned, checked gap and reinstalled. Removed injectors, cleaned and reinstalled. Ran Engine and found no leaks. Checked magneto timing. AD 95-03-14 Engine mount brackets due at 2500.00 TTSN.

Jeffrey David Hopewell A&amp;P 2822498

9-21-2013

D- Discrepancy, C/A- Corrective Action; C/W-Complied With; IAW-In Accordance With; AMM-Aircraft Maintenance Manual; P/S/N- Part/Serial Number, R/R-Remove and Replaced, MT- Maintenance Technician This aircraft was serviced/repared/inspected in accordance with current requirements of the FAA and is approved for return to service.

Damion Quest A&amp;P # 3736395

Signature

| YEAR<br>20<br>DATE                | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|-----------------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-1-15                            |                           |                   |                             | ANNUAL INSPECTION                                                                                                                                                                                              |
| 2151.43 Tach                      |                           |                   |                             | Compression Check #1 <sup>76</sup> / <sub>80</sub> #2 <sup>72</sup> / <sub>80</sub> #3 <sup>69</sup> / <sub>80</sub> #4 <sup>66</sup> / <sub>80</sub>                                                          |
| Unknown IT                        |                           |                   |                             | New Tempest AA48109 Oil Filter installed                                                                                                                                                                       |
| Unknown SMOH                      |                           |                   |                             | Old filter was internally inspected checked OK-                                                                                                                                                                |
| Note: 1192.33 SMOH<br>(Estimated) |                           |                   |                             | Changed Oil 7 qts Phillips 20W50XC - New                                                                                                                                                                       |
| 2375.83 TT<br>(Estimated)         |                           |                   |                             | RHM40E spark plugs were installed - Cleaned                                                                                                                                                                    |
| (from past records)               |                           |                   |                             | all plug wire insulators - Cleaned all                                                                                                                                                                         |
|                                   |                           |                   |                             | fuel injection nozzles - Checked engine                                                                                                                                                                        |
|                                   |                           |                   |                             | timing ck OK - New BA3 filter element                                                                                                                                                                          |
|                                   |                           |                   |                             | installed - Executes FAA Form 337 on                                                                                                                                                                           |
|                                   |                           |                   |                             | Brackitt Aircraft Co Inc. P/N BA104 filter previous                                                                                                                                                            |
|                                   |                           |                   |                             | installed by persons unknown Per STC SA693 CF.                                                                                                                                                                 |
|                                   |                           |                   |                             | (continued)                                                                                                                                                                                                    |

Date 9-21-2013

N8879M

Serial Number :M-626

Engine: IO 346 A

TAC: 2014.82

TTSN: 2239.22

TSMOH: 1055.72

Technician or

100 HR/Annual Inspection C/W this date. Ref: FAR 43 Appendix D Scope and Detail See work Performed Dated 9-21-2013

All AD'S checked for compliance to date:

I certify that this airframe has been inspected IAW 100 hr Inspection and found to be in an Airworthy Condition.

Gary Davy

Gary Davy A&amp;P 1671936 IA

D- Discrepancy, C/A- Corrective Action; C/W-Complied With; IAW-In Accordance With; AMM-Aircraft Maintenance Manual; P/S/N- Part/Serial Number, R&R-Remove and Replaced, MT- Maintenance Technician This aircraft was serviced/repared/inspected in accordance with current requirements of the FAA and is approved for return to service.

Damion Quest A&amp;P # 3736395

Signature Damion Quest

| YEAR<br>20____<br>DATE            | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|-----------------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-1-15                            |                           |                   |                             | ANNUAL INSPECTION                                                                                                                                                                                              |
| 2151.43 Tach                      |                           |                   |                             | Compression Check #1 <sup>70</sup> / <sub>80</sub> #2 <sup>72</sup> / <sub>80</sub> #3 <sup>69</sup> / <sub>80</sub> #4 <sup>66</sup> / <sub>80</sub>                                                          |
| Unknown IT                        |                           |                   |                             | New Tempest AA48109 Oil Filter installed                                                                                                                                                                       |
| Unknown SMOH                      |                           |                   |                             | Old filter was internally inspected checked OK-                                                                                                                                                                |
| Note: 1192.33 SMOH<br>(Estimated) |                           |                   |                             | Changed Oil 7qt Phillips 20W50XC - New                                                                                                                                                                         |
| 2375.83 IT<br>(Estimated)         |                           |                   |                             | RHM40E spark plugs were installed - Cleaned                                                                                                                                                                    |
| (from past records)               |                           |                   |                             | all plug wire insulators - Cleaned all                                                                                                                                                                         |
|                                   |                           |                   |                             | fuel injection nozzles - Checked engine                                                                                                                                                                        |
|                                   |                           |                   |                             | timing ck OK - New BA3 filter element                                                                                                                                                                          |
|                                   |                           |                   |                             | installed - Executes FAA FORM 337 on                                                                                                                                                                           |
|                                   |                           |                   |                             | Brackitt Aircraft Co Inc. P/B A104 filter previously                                                                                                                                                           |
|                                   |                           |                   |                             | installed by persons unknown Per STC SA693 CF.                                                                                                                                                                 |
|                                   |                           |                   |                             | (continued)                                                                                                                                                                                                    |



| Reference: Invoice # |                |             |         |          |         |         |         |       | Hilton Head Island, SC 29926 |
|----------------------|----------------|-------------|---------|----------|---------|---------|---------|-------|------------------------------|
| DATE                 | AIRCRAFT REG # | MANUFACTURE | MODEL # | SERIAL # | TTA     | TTSN    | SMOH    | HOBBS | TACH                         |
| 3/31/14              | N8879M         | Continental | IO-346A |          | 2065.70 | 2290.10 | 1106.60 | 95.0  | 2065.70                      |

D: 50 hour oil change due

C/A: Drained oil and removed old oil filter. Cut open old filter and found no contaminants upon inspection. Installed new filter Tempest AA48109 and serviced with 8 quarts of Phillips X/C 20W50.

D- Discrepancy, C/A- Corrective Action; C/W-Complied With; IAW-In Accordance With; AMM-Aircraft Maintenance Manual; P/S/N-Part/Serial Number, R&R-Remove and Replaced, MT- Maintenance Technician  
This aircraft was serviced/repaired/inspected in accordance with current requirements of the FAA and is approved for return to service.

Damion Quest A&P # 3736395

Signature

Technician or

| YEAR<br>20____<br>DATE            | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|-----------------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-1-15                            |                           |                   |                             | ANNUAL INSPECTION                                                                                                                                                                                              |
| 2151.43 Tach                      |                           |                   |                             | Compression Check #1 <sup>70</sup> / <sub>80</sub> #2 <sup>72</sup> / <sub>80</sub> #3 <sup>69</sup> / <sub>80</sub> #4 <sup>65</sup> / <sub>80</sub>                                                          |
| Unknown IT                        |                           |                   |                             | New Tempest AA48109 Oil Filter installed                                                                                                                                                                       |
| Unknown SMOH                      |                           |                   |                             | Old filter was internally inspected checked OK-                                                                                                                                                                |
| Note: 1192.33 SMOH<br>(Estimated) |                           |                   |                             | Changed Oil 7qt Phillips 20W50XC - New                                                                                                                                                                         |
| 2375.83 IT<br>(Estimated)         |                           |                   |                             | RHM80E spark plugs were installed - Cleaned                                                                                                                                                                    |
| (From past records)               |                           |                   |                             | all plug wire insulators - Cleaned all                                                                                                                                                                         |
|                                   |                           |                   |                             | fuel injection nozzles - Checked engine                                                                                                                                                                        |
|                                   |                           |                   |                             | timing ck OK - New BA3 filter element                                                                                                                                                                          |
|                                   |                           |                   |                             | installed - Executes FAA Form 337 on                                                                                                                                                                           |
|                                   |                           |                   |                             | Brachett Aircraft Co Inc. P/B A104 filter previous                                                                                                                                                             |
|                                   |                           |                   |                             | installed by persons unknown Per STC SA693 CF.                                                                                                                                                                 |
|                                   |                           |                   |                             | (Continued)                                                                                                                                                                                                    |

Reference: Invoice #

Hilton Head Island, SC 29926

| DATE     | AIRCRAFT REG # | MANUFACTURE | MODEL # | SERIAL # | TTA     | TTSN    | SMOH    | HOBBS | TACH    |
|----------|----------------|-------------|---------|----------|---------|---------|---------|-------|---------|
| 05/09/14 | N8879M         | Continental | IO-346A |          | 2087.32 | 2311.72 | 1128.22 | 124.2 | 2087.32 |

D: Ammeter showing rapid discharge during flight.

C/A: Tested for charge rate and determined the alternator to be INOP. R&R Delco Alternator with overhauled P/N 1100716 IAW AMM. Conducted run up and test flight and recharge rate tested good and ammeter read positive charge.

D- Discrepancy; C/A- Corrective Action; CW-Complied With; IAW-In Accordance With; AMM-Aircraft Maintenance Manual; P/S/N- Part/Serial Number; R&R-Remove and Replaced; MT- Maintenance Technician

This aircraft was serviced/repaired/inspected in accordance with current requirements of the FAA and is approved for return to service.

Damion Quest A&amp;P # 3736395

Signature



Technician or

| YEAR<br>20____<br>DATE            | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|-----------------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-1-15                            |                           |                   |                             | ANNUAL INSPECTION                                                                                                                                                                                              |
| 2151.43 Tach                      |                           |                   |                             | Compression Check #1 <sup>70</sup> / <sub>80</sub> #2 <sup>72</sup> / <sub>80</sub> #3 <sup>69</sup> / <sub>80</sub> #4 <sup>66</sup> / <sub>80</sub>                                                          |
| Unknown IT                        |                           |                   |                             | New Tempest AA48109 Oil Filter installed                                                                                                                                                                       |
| Unknown SMOH                      |                           |                   |                             | Old filter was internally inspected checked OK-                                                                                                                                                                |
| Note: 1192.33 SMOH<br>(Estimated) |                           |                   |                             | Changed Oil 7qt Phillips 20W50XC - New                                                                                                                                                                         |
| 2375.83 IT<br>(Estimated)         |                           |                   |                             | RHM40E Spark plugs were installed - Cleaned                                                                                                                                                                    |
| (From Past Records)               |                           |                   |                             | all plug wire insulators - Cleaned all                                                                                                                                                                         |
|                                   |                           |                   |                             | fuel injection nozzles - Checked engine                                                                                                                                                                        |
|                                   |                           |                   |                             | timing ck OK - New BA3 filter element                                                                                                                                                                          |
|                                   |                           |                   |                             | installed - Executes FAA Form 337 on                                                                                                                                                                           |
|                                   |                           |                   |                             | Brachett Aircraft Co Inc. P/N BA104 filter previous                                                                                                                                                            |
|                                   |                           |                   |                             | installed by persons unknown Per STC SA693 CF.                                                                                                                                                                 |
|                                   |                           |                   |                             | (Continued)                                                                                                                                                                                                    |



# ENGINE LOG

Hilton Head Airport HXD

Reference: WO# 1338

71 Summit Drive

Hilton Head Island, SC 29926

Technician or

| DATE    | AIRCRAFT REG # | MANUFACTURE | MODEL #  | SERIAL # | HOBBS/TACH TIME | SMOH/TT         |
|---------|----------------|-------------|----------|----------|-----------------|-----------------|
| 7/20/14 | N8879M         | TCM         | IO-346-A |          | 158.2/2113.55   | 1154.45/2337.95 |

C/W Annual Inspection using Beech A-23 M/M inspection guide.  
 COMPRESSIONS 80/80: #1/59, #2/64, #3/70, #4/65  
 Drained oil. Removed and inspected oil filter. Installed new AA48109-2 oil filter and serviced engine with 8 qts Phillips  
 20W50XC oil.  
 Installed new engine shock mounts p/n J-10778-4 using new bolts 96-910023 & 13909b77, new nuts.  
 Removed magnetos for overhaul. Installed magnetos after overhaul: left p/n 10-600604-1 s/n 628472 (Quality Aircraft  
 Accessories WO# 1170015822.001 dated 7/16/14), right p/n 10-600654-1 s/n 824799 (Quality Aircraft Accessories  
 WO# 1170015822.002 dated 7/16/14). Timed mags to engine.  
 Installed serviceable oil filler tube p/n 632964 with new o-ring MS9021-210, gasket 649965.  
 Installed one new exhaust stud 402044 in #4 cylinder.  
 Installed overhauled starter p/n 1109694 s/n A31601 (Aerotech of Louisville WO# 108395 dated 6/3/13).  
 Cleaned and ground ran engine. Operational checks normal with no leaks noted.  
 CONTINUED NEXT PAGE

| YEAR<br>20____<br>DATE            | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or<br>Repair Facility. (See back pages for other specific entries.) |
|-----------------------------------|---------------------------|-------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-1-15                            |                           |                   |                             | ANNUAL INSPECTION                                                                                                                                                                                                 |
| 2151.43 Tach                      |                           |                   |                             | Compression Checks #1 <sup>70</sup> / <sub>80</sub> #2 <sup>72</sup> / <sub>80</sub> #3 <sup>69</sup> / <sub>80</sub> #4 <sup>65</sup> / <sub>80</sub>                                                            |
| Unknown TT                        |                           |                   |                             | New Tempest AA48109 Oil Filter installed                                                                                                                                                                          |
| Unknown SMOH                      |                           |                   |                             | Old filter was internally inspected checked OK-                                                                                                                                                                   |
| Note: 1192.33 SMOH<br>(Estimated) |                           |                   |                             | Changed Oil 7 qts Phillips 20W50XC - New                                                                                                                                                                          |
| 2375.83 TT<br>(Estimated)         |                           |                   |                             | RHM40E spark plugs were installed - Cleaned                                                                                                                                                                       |
| (From Past Records)               |                           |                   |                             | all plug wire insulators - Cleaned all                                                                                                                                                                            |
|                                   |                           |                   |                             | fuel injection nozzles - Checked engine                                                                                                                                                                           |
|                                   |                           |                   |                             | timing cks OK - New BA3 filter element                                                                                                                                                                            |
|                                   |                           |                   |                             | installed - Executes FAA Form 337 on                                                                                                                                                                              |
|                                   |                           |                   |                             | Brackitt Aircraft Co Inc. PA13A104 filter previously                                                                                                                                                              |
|                                   |                           |                   |                             | installed by persons unknown Per STC SA693CE.                                                                                                                                                                     |
|                                   |                           |                   |                             | (Continued)                                                                                                                                                                                                       |

# FIDELIS AVIATION

Hilton Head Airport HXD  
Reference: Work Order # 1413  
Maintenance Record (Airframe)

71 Summit Drive  
Hilton Head Island, SC 29926  
843-681-4705

Technician or

| DATE   | AIRCRAFT<br>REG # | MANUFACTURE | MODEL # | SERIAL # | TTA    | TTSN | SMOH | HOBBS | TACH   |
|--------|-------------------|-------------|---------|----------|--------|------|------|-------|--------|
| 3/2/15 | N8679M            | Beechcraft  | A23     | M626     | 2131.8 | ---  | ---  | 185   | 2131.8 |

Installed warranty repaired alternator from Aerotech of Louisville, S/N: A702159.  
Operational checks normal. No discrepancies or radio noise.

Warren Kelly A&P 3559664

Signature

*Warren Kelly*

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| YEAR<br>20____<br>DATE            | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or<br>Repair Facility. (See back pages for other specific entries.) |
|-----------------------------------|---------------------------|-------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-1-15                            |                           |                   |                             | ANNUAL INSPECTION                                                                                                                                                                                                 |
| 2151.43 Tach                      |                           |                   |                             | Compression Checks #1 <sup>70</sup> / <sub>80</sub> #2 <sup>72</sup> / <sub>80</sub> #3 <sup>69</sup> / <sub>80</sub> #4 <sup>66</sup> / <sub>80</sub>                                                            |
| Unknown IT                        |                           |                   |                             | New Tempest AA48109 Oil Filter installed                                                                                                                                                                          |
| Unknown SMOH                      |                           |                   |                             | Old filter was internally inspected checked OK-                                                                                                                                                                   |
| Note: 1192.33 SMOH<br>(Estimated) |                           |                   |                             | Changed Oil 7qt Phillips 20W50XC - New                                                                                                                                                                            |
| 2375.83 TT<br>(Estimated)         |                           |                   |                             | RHM40E Spark plugs were installed - Cleaned                                                                                                                                                                       |
| (From Past Records)               |                           |                   |                             | all plug wire insulators - Cleaned all                                                                                                                                                                            |
|                                   |                           |                   |                             | fuel injection nozzles - Checked engine                                                                                                                                                                           |
|                                   |                           |                   |                             | timing ck OK - New BA3 filter element                                                                                                                                                                             |
|                                   |                           |                   |                             | installed - Executes FAA Form 337 on                                                                                                                                                                              |
|                                   |                           |                   |                             | Brachett Aircraft Co Inc. PNTBA104 filter previous                                                                                                                                                                |
|                                   |                           |                   |                             | installed by persons unknown Per STC SA693 CF.                                                                                                                                                                    |
|                                   |                           |                   |                             | (Continued)                                                                                                                                                                                                       |



CONTINUED FROM PREVIOUS PAGE

This aircraft, engine, or propeller was serviced/repaired/inspected in accordance with current requirements of the FAA and is approved for return to service.

Edward Tre Howe A&P # 171641872 *Edward Tre Howe*

Damion Quest A&P # 3736395 *Damion Quest*

Michael Justin Wade A&P # 3399491 *Michael Justin Wade*

I certify that engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.

Paul W Craig, JR A&P # 3598146 JA *Paul W Craig, JR*

Technician or

| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-1-15                 |                           |                   |                             | ANNUAL INSPECTION                                                                                                                                                                                              |
| 2151.43                | Tach                      |                   |                             | Compression Checks #1 <sup>70</sup> / <sub>80</sub> #2 <sup>72</sup> / <sub>80</sub> #3 <sup>69</sup> / <sub>80</sub> #4 <sup>66</sup> / <sub>80</sub>                                                         |
| Unknown                | IT                        |                   |                             | New Tempest AA48109 Oil Filter installed                                                                                                                                                                       |
| Unknown                | SMDIT                     |                   |                             | Old filter was internally inspected checked OK-                                                                                                                                                                |
| Note: 1192.33          | SMDIT                     |                   |                             | Changed Oil 7qt Phillips 20W50XC - New                                                                                                                                                                         |
| (Estimated)            |                           |                   |                             | RHM40E spark plugs were installed - Cleaned                                                                                                                                                                    |
| 2375.83                | TT                        |                   |                             | all plug wire insulators - Cleaned all                                                                                                                                                                         |
| (Estimated)            |                           |                   |                             | fuel injection nozzles - Checked engine                                                                                                                                                                        |
| (From past records)    |                           |                   |                             | timing cks OK - New BA3 filter element                                                                                                                                                                         |
|                        |                           |                   |                             | installed - Executes FAA Form 337 on                                                                                                                                                                           |
|                        |                           |                   |                             | Brackitt Aircraft Co Inc. P/N BA104 filter previously                                                                                                                                                          |
|                        |                           |                   |                             | installed by persons unknown Per STC SA693CE.                                                                                                                                                                  |
|                        |                           |                   |                             | (Continued)                                                                                                                                                                                                    |

| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repair<br>Entries must be endorsed with Name, Rating and<br>Repair Facility. (See back pages for other specific |
|------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-1-15                 |                           |                   |                             | ANNUAL INSPECTION                                                                                                                                  |
| 2151.43 Tach           |                           |                   |                             | Note: Magneto 500 Hr. inspection (recommended)                                                                                                     |
| Unknown TT             |                           |                   |                             | should be done by 2613.55 Tach - CW AD 95-03-14                                                                                                    |
| Unknown SMOH           |                           |                   |                             | on engine mount legs by Part (2) of AD dye                                                                                                         |
| 1192.33 Est SMOH       |                           |                   |                             | perman inspection - due replacement at any                                                                                                         |
| 2375.83 Est TT         |                           |                   |                             | engine removal - Next dye check each 500 hrs -                                                                                                     |
|                        |                           |                   |                             | Contacted FAA per 51400-9A service information                                                                                                     |
|                        |                           |                   |                             | letter to obtain approval as specified in 14 CFR                                                                                                   |
|                        |                           |                   |                             | 45.13 paragraph (b) (4) for obtaining new                                                                                                          |
|                        |                           |                   |                             | engine data plate - New Data Plate to be sent                                                                                                      |
|                        |                           |                   |                             | from TCM with Make, Model, S/N & pertinent                                                                                                         |
|                        |                           |                   |                             | info - Checked and tightened Rocker Cover                                                                                                          |
|                        |                           |                   |                             | continued                                                                                                                                          |

| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or<br>Repair Facility. (See back pages for other specific entries.) |
|------------------------|---------------------------|-------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-1-15                 |                           |                   |                             | ANNUAL INSPECTION                                                                                                                                                                                                 |
| 2151.43 Tach           |                           |                   |                             | Scams - See Airworthiness Directive                                                                                                                                                                               |
| Unknown TT             |                           |                   |                             | Compliance List for Details -                                                                                                                                                                                     |
| Unknown SMOH           |                           |                   |                             | I certify that this Engine has                                                                                                                                                                                    |
| 1192.33 Est SMOH       |                           |                   |                             | been inspected in accordance with a                                                                                                                                                                               |
| 2375.83 Est TT         |                           |                   |                             | ANNUAL inspection and was                                                                                                                                                                                         |
|                        |                           |                   |                             | determined to be in airworthy condition.                                                                                                                                                                          |
|                        |                           |                   |                             | Date 9-1-15 Time in Service 2151.43 Tach                                                                                                                                                                          |
|                        |                           |                   |                             | South Page IA244784716                                                                                                                                                                                            |
|                        |                           |                   |                             | End                                                                                                                                                                                                               |



| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME  | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE   | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or<br>Repair Facility. (See back pages for other specific entries.)                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|----------------------------|-------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-23-16                | 2187.0 Tach                | Unknown TT        | Unknown SMOH                  | ANNUAL INSPECTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                        | Estimated TT<br>2411.4 Hrs |                   | Estimated SMOH<br>1227.9 SMOH | Compression Check #1 <sup>35</sup> / <sub>40</sub> #2 <sup>25</sup> / <sub>30</sub> #3 <sup>25</sup> / <sub>40</sub> #4 <sup>25</sup> / <sub>40</sub><br>Changed Oil 79 To Phillips 20W50XC<br>New Tampion AA 48109 Oil Filter was<br>installed. Old filter was internally inspected<br>and checked OK. Cleaned and gapped<br>plugs, cycled top to bottom. Cleaned all<br>fuel injection nozzles. Cleaned all plug<br>wire insulators. Note: induction Filter<br>Element not changed due to low hours.<br>Note: AD 95-03-14 on Engine Mounts due<br>Replacement upon engine removal. CW Part 217 AD<br>Continued |

| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or<br>Repair Facility. (See back pages for other specific entries.)                                                    |
|------------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-23-16                | 2187.0 Tach               |                   |                             | ANNUAL Inspection                                                                                                                                                                                                                                                    |
|                        | Est TT 2411.4 Hrs         |                   |                             | Checked and tightened rocker cover<br>Screws - Removed dirt dabs from<br>engine - Checked exhaust and intake<br>systems checked OK - See the Airworthiness<br>Directive Compliance List for Details -                                                                |
|                        | Est SMOH 1227.9           |                   |                             | Engine                                                                                                                                                                                                                                                               |
|                        |                           |                   |                             | I certify that this <u>Engine</u> has<br>been inspected in accordance with a<br><u>ANNUAL</u> inspection and was<br>determined to be in airworthy condition.<br>Date <u>9-23-16</u> Time in Service <u>2187.0 Tach</u><br><u>John Rogn FA244764718</u><br><u>Mid</u> |

| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or<br>Repair Facility. (See back pages for other specific entries.) |
|------------------------|---------------------------|-------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10-14-17               | 2241 TACH                 |                   |                             | ANNUAL INSPECTION                                                                                                                                                                                                 |
| 2465.4 Est TT          |                           |                   |                             | Compression checks #1 $\frac{71}{80}$ #2 $\frac{71}{80}$ #3 $\frac{71}{80}$                                                                                                                                       |
| 1281.9 Est SMOH        |                           |                   |                             | #4 $\frac{68}{80}$ - Replaced oil cooler Hoses with                                                                                                                                                               |
|                        |                           |                   |                             | 111-8 hose Stratoflex - New Boschett induction                                                                                                                                                                    |
|                        |                           |                   |                             | filter element PNB A-3 - Oil was drained                                                                                                                                                                          |
|                        |                           |                   |                             | and serviced with Phillips 20W50 XC                                                                                                                                                                               |
|                        |                           |                   |                             | 7 qts - New Tempest AA 48109 @ J                                                                                                                                                                                  |
|                        |                           |                   |                             | installed - Old filter now checked OK.                                                                                                                                                                            |
|                        |                           |                   |                             | Inspected intake and exhaust systems                                                                                                                                                                              |
|                        |                           |                   |                             | checked OK - Magneto timing checked                                                                                                                                                                               |
|                        |                           |                   |                             | within tolerances OK - Note: Magneto                                                                                                                                                                              |
|                        |                           |                   |                             | recommended 500 Hour inspection <i>on time</i>                                                                                                                                                                    |

| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or<br>Repair Facility. (See back pages for other specific entries.) |
|------------------------|---------------------------|-------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10-14-17               | 2241 TACH                 |                   |                             | ANNUAL Inspection                                                                                                                                                                                                 |
| 2465.4 Est TT          |                           |                   |                             | should be done next by 2613.55 Tach                                                                                                                                                                               |
| 1281.9 Est SMOH        |                           |                   |                             | checked and Tightened all rocker cover                                                                                                                                                                            |
|                        |                           |                   |                             | screws - Cleaned and gapped plugs                                                                                                                                                                                 |
|                        |                           |                   |                             | cycled top to bottom - Plug were insulators                                                                                                                                                                       |
|                        |                           |                   |                             | were cleaned - See Current Airworthiness                                                                                                                                                                          |
|                        |                           |                   |                             | Directive Compliance List for Details                                                                                                                                                                             |
|                        |                           |                   |                             | I certify that this <u>Engine</u>                                                                                                                                                                                 |
|                        |                           |                   |                             | been inspected in accordance with a                                                                                                                                                                               |
|                        |                           |                   |                             | <u>ANNUAL</u> inspection and was                                                                                                                                                                                  |
|                        |                           |                   |                             | determined to be in airworthy condition                                                                                                                                                                           |
|                        |                           |                   |                             | Date <u>10-14-17</u> Time In Service <u>2241 TACH</u>                                                                                                                                                             |
|                        |                           |                   |                             | <u>Leah Rye</u> <u>IA244764716</u>                                                                                                                                                                                |
|                        |                           |                   |                             | <u>End</u>                                                                                                                                                                                                        |



| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT                           | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)                                                                                                                                       |
|------------------------|---------------------------|---------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11-16-17               | 2242 Tach                 |                                             |                             | R+I intakes and push rod shrouds, replaced push rod seals and new rocker gaskets<br>scott Rogin<br>and A+P244764718.                                                                                                                                                                                                                                 |
| 10 JUL 19              | 2246.75                   | 5 MON EST<br>TT EST<br><del>5 MON EST</del> | 1287.65<br>2471.15          | I CERTIFY THIS ENGINE WAS INSPECTED PER BEECH<br>+ CONTINENTAL SERVICE MANUALS. DRAINED OIL, CUT<br>OPEN FILTER, NO DEFECTS NOTED. SERVICED ENGINE<br>W/ 8 QTS AEROSHELL W100 PLUS CAMGUARD 160Z.<br>INSTALLED NEW C448109-1 OIL FILTER, CLEANED,<br>GAPPED, ROTATED ALL SPARK PLUGS, C/W COMPRESSION<br>CL #1 74/80, #2 73/80, #3 72/80, #4 74/80 → |

| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)         |
|------------------------|---------------------------|-------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                           |                   |                             | CK MAG TIMING, REPLACED INDUCTION FILTER,<br>PERFORMED ENGINE RUN, NO LEAKS DETECTED,<br>MAG DROP LT 50 / RT 100 AT 1800 RPM. I<br>CERTIFY THIS ENGINE IS AIRWORTHY AND IS<br>RETURNED TO SERVICE. WNNBJ 2602033 1A/WB |
| 1 MAR 2020             | 2317.28                   |                   |                             | DRAINED OIL, REMOVED FILTER, CUT OPEN,<br>SERVICED W/ 8 QTS AEROSHELL W100 ✓<br>INSTALLED 48109-1, RAN ENGINE, NO<br>DEFECTS NOTED. WNNBJ 2602033                                                                      |

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YEAR  
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wo: N8879M053122

Engine - page 1 of 1



Pinehurst Aviation Services - 7825 Aviation Dr - Carthage, NC 28327 - 9106035005

**N8879M**

**Continental, IO-346-A, S/N: 100385-5-A**

**May 31, 2022**

TACH: 2545.04

TTSN: 2202.51

TSOH: 24.11

Ran engine. Drained oil, removed cut open and inspected oil filter, replaced oil filter. Serviced engine with oil. Ran engine for leak check. Leak check satisfactory at this time and date. Installed P/N AA48108-2 - Filter, Oil, Installed (7 quarts) P/N 100AW - Oil.

With respect to only the work performed, this engine is approved for return to service. Details of work performed are on file with Pinehurst Aviation Services under work order: N8879M053122.

Brandon Smith A&P/IA 3985223

SEE BOOK #4  
26 OCT 22  
D. Hall

YEAR  
20  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)