

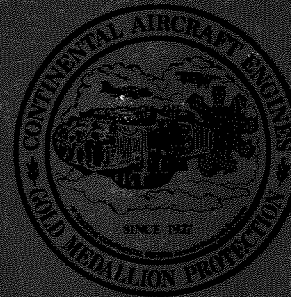
 **TELEDYNE CONTINENTAL MOTORS**  
**Aircraft Products**

P. O. BOX 90, MOBILE, ALABAMA 36601

Form No. X-30502



**TELEDYNE CONTINENTAL**



**Gold  
Medallion  
Aircraft  
Engine**

USE ONLY  
FUEL  
CONFORMING  
TO ASTM D910.

USE OF AUTOMOTIVE  
GAS IS NOT  
APPROVED.

#1

# NEW ENGINE LOG

N 12302

AIRCRAFT N NUMBER

T0550829B

ENGINE MODEL NUMBER

682157

ENGINE SERIAL NUMBER

## Gold Medallion® Warranty Protection

All Teledyne Continental Motors engines delivered as original equipment after January 1, 1980 are protected by TCM's exclusive Gold Medallion Warranty. The Warranty covers parts, shipping allowance and labor during the first six months or 240 hours of operation. After six months or 240 hours of operation, these costs are prorated. Contact your TCM Distributor for all the facts or write Teledyne Continental Motors for a free brochure.

 **TELEDYNE CONTINENTAL MOTORS**  
Aircraft Products

P. O. Box 90 • Mobile, Alabama 36601

## Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call (205) 438-3411, publications department, for information.

This engine model 10550B29B, Serial No. 682157, was manufactured on 11-18-94 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS



 **TELEDYNE CONTINENTAL MOTORS**  
Aircraft Products

TYPE \_\_\_\_\_ MODEL \_\_\_\_\_ SERIAL NO. \_\_\_\_\_

RATED H. P. \_\_\_\_\_ MAXIMUM H. P. \_\_\_\_\_

RATED R. P. M. \_\_\_\_\_ MAXIMUM R. P. M. \_\_\_\_\_ OIL PRESSURE \_\_\_\_\_

BORE \_\_\_\_\_ STROKE \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ CU. IN. \_\_\_\_\_

COMPRESSION 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 \_\_\_\_\_

[illegible]

## ENGINE LOG

| DATE            | R.P.M. |     | TIME ON GROUND |      |       | TIME IN AIR |      |       | TOTAL TIME |      | REPAIRS - ADJUSTMENTS                                                                                       | SIGNATURE | LICENSE NUMBER |
|-----------------|--------|-----|----------------|------|-------|-------------|------|-------|------------|------|-------------------------------------------------------------------------------------------------------------|-----------|----------------|
|                 | Ground | Air | Hrs.           | Min. | Total | Hrs.        | Min. | Total | Hrs.       | Min. |                                                                                                             |           |                |
| 2-8-95          |        |     |                |      |       |             |      |       | 60.6       |      | Changed oil, oil filter. No metal<br>noting filter. Squirted with ASS 40W.<br>Sound can check satisfactory. |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | The Maintenance Identified Above Has<br>Been Inspected And The Item Is Approved<br>For Return To Service.   |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | Work Order No. 8910 F                                                                                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | Signed <u>Arnold L. Styles</u>                                                                              |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | FOR                                                                                                         |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | STEVENS AVIATION                                                                                            |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | R/S VIBR388K                                                                                                |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | GREEN, SC 29651                                                                                             |           |                |
| 3-21-95         |        |     |                |      |       |             |      |       |            |      | PERFORMED A 100 HOUR INSPECTION USING BEEHCRRAFT PN 98-                                                     |           |                |
| N.M.            | 131.2  |     |                |      |       |             |      |       |            |      | 32227N FURN AS A GUIDE, DRAINED OIL, CHECKED OLD FILTER                                                     |           |                |
| ALT.T.          | 131.2  |     |                |      |       |             |      |       |            |      | FOR METAL NONE FOUND, INSTALLED NEW FILTER, SERVICED WITH                                                   |           |                |
| ENGT.T          | 84.3   |     |                |      |       |             |      |       |            |      | A/S 50W OIL, PERFORMED DIFFERENTIAL PRESSURE CHECK                                                          |           |                |
| BROUGHT FORWARD |        |     |                |      |       |             |      |       |            |      |                                                                                                             |           |                |
| TOTALS          |        |     |                |      |       |             |      |       |            |      |                                                                                                             |           |                |

CONT →

## ENGINE LOG

| DATE            | R.P.M. |     | TIME ON GROUND |      |       | TIME IN AIR |      |       | TOTAL TIME |      | REPAIRS - ADJUSTMENTS                                               | SIGNATURE | LICENSE NUMBER |
|-----------------|--------|-----|----------------|------|-------|-------------|------|-------|------------|------|---------------------------------------------------------------------|-----------|----------------|
|                 | Ground | Air | Hrs.           | Min. | Total | Hrs.        | Min. | Total | Hrs.       | Min. |                                                                     |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | CONT → OF ALL CYLINDERS, CHECKED ENGINE TO MAG. TIMING AND IGNITION |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | LEADS, CLEARED AND INSPECTED FUEL SCREEN, CHECKED ALL ENGINE        |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | CONTROLS AND ROD ENDS FOR CONDITION AND FREEDOM OF MOVEMENT,        |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | LUBRICATED CONTROLS, C/W A.D. 84-26-02 INSPECTION OF INDUCTION      |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | AIR FILTER, A.D. 94-14-12 (CONT.) CHECK OF ENGINES OPERATED ON      |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | CONTAMINATED FUEL DNA PER AIRCRAFT "N" NUMBER, A.D. 91-19-03        |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | CHECK OF OIL FILTER DNA PER DATE CODE OF FILTER INSTALLED, C/W      |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | MAUD. S.B. M 87-7 CHECK OF OIL FILTER ADAPTER HEIGHT, C/W MAUD.     |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | S.B. 636 (CONT) CHECK OF KEY TYPE IGNITION SYSTEM, OIL SAMPLE       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | TAKEN, A.D. 93-16-15 (CONT) CHECK OF FUEL PUMP DRIVE SHAFT DNA      |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | PER PART NUMBER, CLEARED AND REGAPPED ALL SPARK PLUGS, C/W          |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | S.I. 0166-258 (GREEN) CHECK OF FLEXIBLE AIR DUCTS, C/W S.I. 0558-   |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | 412 VISUAL CHECK OF HEXTER MUFF, NO CRACKS OR DETERIORATION         |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | NOTED, GROUND RUN LEAK AND OAS CHECKED SATISFACTORY, FOR            |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | DETAILS OF THIS AND OTHER WORK PERFORMED, SEE W.O. # 9129F          |           |                |
|                 |        |     |                |      |       |             |      |       |            |      | ON FILE THIS REPAIR STATION                                         |           |                |
| BROUGHT FORWARD |        |     |                |      |       |             |      |       |            |      |                                                                     |           |                |
| TOTALS          |        |     |                |      |       |             |      |       |            |      |                                                                     |           |                |

CONT →

## ENGINE LOG

| DATE                         | R.P.M. |     | TIME ON GROUND |      |       | TIME IN AIR |      |       | TOTAL TIME |      | REPAIRS - ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|------------------------------|--------|-----|----------------|------|-------|-------------|------|-------|------------|------|-----------------------|-----------|----------------|
|                              | Ground | Air | Hrs.           | Min. | Total | Hrs.        | Min. | Total | Hrs.       | Min. |                       |           |                |
| / CONT →<br>ENG T.T.<br>84.3 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
| BROUGHT FORWARD              |        |     |                |      |       |             |      |       |            |      |                       |           |                |
| TOTALS                       |        |     |                |      |       |             |      |       |            |      |                       |           |                |

ENGINE LOG  
SOUND AIRCRAFT SERVICES

DATE

MAKE: Continental MODEL: IO550-B

SERIAL NO: 682157

REG. NO.: 1230Z

TACH: -----

HOBBS: 162.4

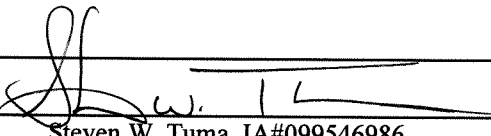
TOTAL A/C TIME: 162.4

DATE: 6/5/95

Changed oil and filter. Cut filter with no contamination noted at this time. Serviced engine with 12 quarts of Aeroshell 100W oil and Champion CH48109 oil filter. Engine ground run satisfactory. Aircraft approved for return to service for work performed. END.

East Hampton Airport  
P.O. Box 438, Daniels Hole Road  
Wainscott, New York 11975  
(516) 537-2202

BROUG

  
Steven W. Tuma, IA#099546986



## ENGINE LOG

| DATE               | R.P.M.                                                                                     |     | TIME ON GROUND |      |       | TIME IN AIR |      |       | TOTAL TIME |      | REPAIRS - ADJUSTMENTS                                                                                                         | SIGNATURE | LICENSE NUMBER |
|--------------------|--------------------------------------------------------------------------------------------|-----|----------------|------|-------|-------------|------|-------|------------|------|-------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|                    | Ground                                                                                     | Air | Hrs.           | Min. | Total | Hrs.        | Min. | Total | Hrs.       | Min. |                                                                                                                               |           |                |
| 11/2/95            | 205.6                                                                                      |     |                |      |       |             |      |       |            |      | CHANGED OIL & FILTER serviced W/merchell<br>15hr-50 oil 12 RPL INSPECTED FILTER FOR contamination<br>Run-up checked for (PWR) |           |                |
|                    | Swift Aviation<br>Sky Acres Airport<br>RR 4, Box 308 Oswego Rd.<br>Pleasant Vly., NY 12569 |     |                |      |       |             |      |       |            |      |                                                                                                                               |           |                |
|                    |                                                                                            |     |                |      |       |             |      |       |            |      | Walt T. Vuk<br>APP 974856 JA                                                                                                  |           |                |
| 11-9-95            |                                                                                            |     |                |      |       |             |      |       |            |      | PERFORMED A 100 HOUR INSPECTION USING BEECHCRAFT P/W                                                                          |           |                |
| H.M.               | 225.6                                                                                      |     |                |      |       |             |      |       |            |      | 98-32227H FORM AS A GUIDE, DRAINED ENGINE OIL, CHECKED                                                                        |           |                |
| A/C.T              | 225.6                                                                                      |     |                |      |       |             |      |       |            |      | OLD FILTER FOR METAL, NONE FOUND, SERVICED WITH R/S 40W                                                                       |           |                |
| ENGLT.T            | 178.7                                                                                      |     |                |      |       |             |      |       |            |      | OIL S.O.A.A. SAMPLE TAKEN, INSTALLED NEW OIL FILTER AND                                                                       |           |                |
| W.O. <sup>th</sup> | 0373 F                                                                                     |     |                |      |       |             |      |       |            |      | C/W MAIND S.B. M 87-7 (CONT) CHECKED OIL FILTER ADAPTER                                                                       |           |                |
|                    | 0381 W                                                                                     |     |                |      |       |             |      |       |            |      | FOR PROPER HEIGHT, PERFORMED DIFFERENTIAL PRESSURE CHECK                                                                      |           |                |
|                    |                                                                                            |     |                |      |       |             |      |       |            |      | OF ALL CYLINDERS ① 74/80 ② 70/80 ③ 74/80 ④ 74/80 ⑤ 76/80 ⑥ 75/80, CLEANED AND                                                 |           |                |
|                    |                                                                                            |     |                |      |       |             |      |       |            |      | REGAPPED SPARK PLUGS, CLEANED AND CHECKED FUEL SCREEN, CHECKED ALL                                                            |           |                |
|                    |                                                                                            |     |                |      |       |             |      |       |            |      | ENGINE CONTROLS AND ROD ENDS FOR CONDITION AND FREEDOM OF MOVEMENT,                                                           |           |                |
|                    |                                                                                            |     |                |      |       |             |      |       |            |      | LUBRICATED CONTROLS, C/W A.D. 84-26-02 REPLACED INDUCTION AIR                                                                 |           |                |
| BROUGHT FORWARD    |                                                                                            |     |                |      |       |             |      |       |            |      |                                                                                                                               |           |                |
| TOTALS             |                                                                                            |     |                |      |       |             |      |       |            |      |                                                                                                                               |           |                |

(CONT →)

[illegible]

| DATE            | R.P.M. |     | GROUND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |       | AIR  |      |       | REPAIRS |      | SIGNATURE | LICENSE NUMBER |  |  |
|-----------------|--------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|------|-------|---------|------|-----------|----------------|--|--|
|                 | Ground | Air | Hrs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Min. | Total | Hrs. | Min. | Total | Hrs.    | Min. |           |                |  |  |
| 5-10-96         | 255.6  |     | Removed top left + lower right Spark Plugs - Cleaned / Gapped tested + Reinstalled - Ground Ran Satisfactory<br>Jamp B of<br>AP107500Y11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |      |       |         |      |           |                |  |  |
| 8-7-96          |        |     | PERFORMED A 100 HOUR INSPECTION USING BEECHCRAFT N.M. 348.2 P/N 98-32227 H FORM AS A GUIDE, DRAINED ENGINE OIL A/C.T.T. 348.2 CHECKED OLD FILTER FOR METAL, NONE FOUND, SERVICED ENG.T.T. 301.3 WITH 12 QTS AEROSHELL 50W OIL S.O.A.P. SAMPLE W.O.# 1839 TAKEN, INSTALLED NEW OIL FILTER AND C/W MAND. S.B. M 87-7 (CONT.) CHECKED OIL FILTER ADAPTER HEIGHT, PERFORMED DIFFERENTIAL PRESSURE CHECK OF ALL CYLINDERS ①64/80 ②67/80 ③65/80 ④65/80 ⑤72/80 ⑥68/80, CLEANED AND CHECKED FUEL SCREEN, CHECKED ALL ENGINE CONTROLS AND ROD ENDS FOR CONDITION AND FREEDOM OF MOVEMENT LUBRICATED CONTROLS A.D 91-19-03 (CONT.) DND TO OIL FILTER INSTALLED PER DATE CODE, C/W BEECH S.I 0598-412 (CONT.) |      |       |      |      |       |         |      |           |                |  |  |
| BROUGHT FORWARD |        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |      |       |         |      |           |                |  |  |
| TOTALS          |        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |      |      |       |         |      |           |                |  |  |

## ENGINE LOG

[illegible]

[illegible][illegible]

4-18-97

W/O # 19700

Md A36

OFFICE READING

LICENSE  
NUMBER

B2



# Raytheon Aircraft Services, Inc.

Hangar B Republic Airport  
East Farmingdale, NY 11735  
FAA Approved Repair Station FVIR154K

Pg \_\_\_\_\_

N 1230Z

S/N E-2875

Md A36

Tach/H.M. 446.1

Time in Service 446.1

W/O # 19700

## LOG BOOK INSERT 4-18-97

Drained oil from engine. Removed oil filter and inspected. Installed new oil filter and service with 11 quarts Aeroshell 15W50 oil. C/W TCM SB 96-12 Continued Airworthiness cylinder inspection. Adjusted idle speed and mixture. Repaired L/H aft baffle by installing fabricated doubler. Replaced air conditioning drive bearing and seal with new. Removed, inspected and cleaned fuel nozzles, then reinstalled. Replaced intercylinder baffle with new. Installed wide open throttle spring onto throttle body. Replaced bad hardware on the R/H exhaust pipe. Ran engine operational and leak check was satisfactory. This engine was determined to be in an airworthy condition and satisfactory for return to service.

Approved For Return To Service  
With Respect To The Work Performed  
Details.

Under Service Order 19700  
Raytheon Aircraft Services Approved  
Repair Station FVIR154K  
Authorized Signature *E. Julian Murray*

E LICENSE  
NUMBER

## ENGINE LOG

| DATE       | R.P.M.            |                                     | TIME ON GROUND                                        |                       |       | TIME IN AIR |      |       | TOTAL TIME |      | REPAIRS - ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |  |  |
|------------|-------------------|-------------------------------------|-------------------------------------------------------|-----------------------|-------|-------------|------|-------|------------|------|-----------------------|-----------|----------------|--|--|
|            | Ground            | Air                                 | Hrs.                                                  | Min.                  | Total | Hrs.        | Min. | Total | Hrs.       | Min. |                       |           |                |  |  |
| 30 June 97 | Hour Meter: 505.7 | →                                   | Drain oil, service w/ 12 quarts AEROSHELL 15W50 AD.   | Oil filter inspection |       |             |      |       |            |      |                       |           |                |  |  |
| —          | satisfactory,     | Install new spin-on CH4B109 filter. | Ground run and post-run inspection satisfactory - END |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
| Feb 98     | Hour Meter: 628.4 | →                                   | Drain oil, service w/ 12 qts PHILLIPS 20/50 x-c.      | Oil filter inspection |       |             |      |       |            |      |                       |           |                |  |  |
| —          | satisfactory,     | Install new spin-on CH4B109 filter. | Ground run and post-run inspection satisfactory - END |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |
|            |                   |                                     |                                                       |                       |       |             |      |       |            |      |                       |           |                |  |  |

**Raytheon Aircraft Services**

Pg \_\_\_\_\_

N 1230Z

Hangar B Republic Airport

East Farmingdale, NY 11735

FAA Approved Repair Station FVIR154K

Tach/H.M. 575.1S/N E2875Time in Service 528.2Md A36**LOG BOOK INSERT**9-19-97W/O # 19974

I certify that this Engine has been inspected in accordance with a 100 Hr. Annual inspection and was determined to be in an airworthy condition. All work accomplished is on file under service order no. 19974 at Raytheon Aircraft Services repair station FVIR154K. This inspection was accomplished I.A.W. a Beechcraft inspection guide P/N 98-32227H as an aid. AD's were checked thru 97-18.

Signature E. Julian Murray Date 9-19-97**CYLINDER COMPRESSION TEST**#1 65 2 71 3 64#4 68 5 68 6 68I/A/W CONTINENTAL S.B. M84-15 41  
OFFICE READING

L-10153

RE

LICENSE  
NUMBER

B2

**Raytheon Aircraft Services**

Pg \_\_\_\_\_

N 1230Z

Hangar B Republic Airport

East Farmingdale, NY 11735

FAA Approved Repair Station FVIR154K

Tach/H.M. 575.1S/N E2875Time in Service 528.2Md A36**LOG BOOK INSERT**9-19-97W/O # 19974

Drained oil from engine. Removed oil filter and inspected. Installed new oil filter and serviced with 11 quarts Aeroshell W100 oil. Replaced intercyylinder baffle with new between cylinders #1 and #3. Removed all fuel nozzles inspected, cleaned and reinstalled. Replaced all spark plugs with new after gapping and testing. C/W TCM SB 96-12 Continued Airworthiness Cylinder inspection and found to be satisfactory. Resealed square drive plug on accessory case to stop oil leak. Replaced rocker box cover gaskets on cylinders 2, 3, and 4. Ran engine operational check and leak check was satisfactory. This engine was determined to be in an airworthy condition and satisfactory for return to service.

Approved For Return To Service  
With Respect To The Work Performed  
DetailsUnder Service Order 19974

Raytheon Aircraft Services Approved

Repair Station FVIR154K

Authorized Signature

E. Julian Murray

RE

LICENSE  
NUMBER

B2

L-10153

# ENGINE LOG

[illegible]

|            |             |              |          |
|------------|-------------|--------------|----------|
| W.O. #     | 1470        | DATED        | 11/19/98 |
| MFG.       | Continental | MODEL        | IO-550-B |
| Serial No. | 682157      | Time in svc. | 685.6    |



**Airport, Penn Yan, New York 14527**  
APPROVED REPAIR STATION  NJ1R350K

  
Authorized Signature

**BROUGHT FORWARD**

---

**TOTALS**

[illegible]

## JET AVIATION

**JET AVIATION OF AMERICA, INC. 380 HANSCOM DRIVE, BEDFORD. F.A.A. REPAIR STATION No. JAVR120F**

-N123OZ, MODEL BONANZA A36, SN E2875, WORK ORDER-7532

-DATE- 10/6/98      ACTT-732.5      ENGINE TOTAL TIME-685.6

BROUGHT TCM IO520B29B, SN 682157

REMOVED ENGINE AND SHIPPED FOR OVERHAUL

**CRS-JAVR120F**

PPED FOR OVERHAUL.  
Jared Mancey

| DATE            | R.P.M. |     | TIME ON GROUND |      |       | TIME IN AIR |      |       | TOTAL TIME |      | REPAIRS - ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|-----------------|--------|-----|----------------|------|-------|-------------|------|-------|------------|------|-----------------------|-----------|----------------|
|                 | Ground | Air | Hrs.           | Min. | Total | Hrs.        | Min. | Total | Hrs.       | Min. |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
|                 |        |     |                |      |       |             |      |       |            |      |                       |           |                |
| BROUGHT FORWARD |        |     |                |      |       |             |      |       |            |      |                       |           |                |
| TOTALS          |        |     |                |      |       |             |      |       |            |      |                       |           |                |

**OIL RECOMMENDATION**

Use non-detergent SINGLE VISCOSITY mineral oil for approximately 10 hours or until it is established that oil consumption is acceptable. Then change oil to SINGLE VISCOSITY ashless dispersent (AD) type oil. Penn Yan specifically recommends that you do NOT use multi viscosity, synthetic, or semi synthetic products. Use of these products will void warranty on valve sticking and starter clutch slippage.

Change oil & filter after the first 10 hours, then at 15 more hours and every 25 hours thereafter.

PENN YAN DOES NOT RECOMMEND THE USE OF MULTI VISCOSITY OIL!  
THE USE OF MOGAS WILL VOID WARRANTY!

| DATE         | R.I | Ground |                                                                            |                                                                                     |               |
|--------------|-----|--------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
|              |     |        | The Accessories Listed Below Were Overhauled and Supplied With This Engine |                                                                                     |               |
|              |     |        | ENGINE: IO-550-B                                                           | SN. 682157                                                                          | DATE 11/19/98 |
|              |     |        |                                                                            | P/N                                                                                 | S/N           |
|              |     |        | RT. MAG                                                                    | 6310                                                                                | 94100304      |
|              |     |        | LT. MAG                                                                    | 6310                                                                                | 94100305      |
|              |     |        | ALT/GEN                                                                    | Not provided                                                                        |               |
|              |     |        | INJ/CARB                                                                   | 649468-2                                                                            | J199415A      |
|              |     |        | FUEL PUMP                                                                  | 646766-3                                                                            | J189411B      |
|              |     |        | STARTER                                                                    | 646275                                                                              | Y-0784132     |
|              |     |        | <del>TURBO-CHARGER</del>                                                   |                                                                                     |               |
|              |     |        | 6 New 654961A3BP Cyl. Assys.                                               |                                                                                     |               |
|              |     |        | <b>PENN YAN AERO SERVICE, INC.</b>                                         |                                                                                     |               |
|              |     |        | Airport, Penn Yan, New York 14527                                          |                                                                                     |               |
|              |     |        | W.O. No. 1470                                                              |                                                                                     |               |
|              |     |        |                                                                            | APPROVED REPAIR STATION NJ1R350K                                                    |               |
|              |     |        |                                                                            |  |               |
|              |     |        |                                                                            | Authorized Signature                                                                |               |
| BROUGHT FORW |     |        |                                                                            |                                                                                     |               |
| TOTALS       |     |        |                                                                            |                                                                                     |               |

| DATE            |  | R.P.#                                                                                               | JET AVIATION |  | TURE | LICENSE<br>NUMBER |
|-----------------|--|-----------------------------------------------------------------------------------------------------|--------------|--|------|-------------------|
| Ground          |  |                                                                                                     |              |  |      |                   |
|                 |  | JET AVIATION OF AMERICA, INC. 380 HANSCOM DRIVE, BEDFORD. F.A.A. REPAIR STATION No. JAVR120F        |              |  |      |                   |
|                 |  | N1230Z, MODEL BONANZA A36, SN E2875, WORK ORDER-7532                                                |              |  |      |                   |
|                 |  | DATE-12/9/98 ACTT-732.5 ENGINE TIME SINCE MAJOR OVERHAUL-00.0                                       |              |  |      |                   |
|                 |  | TCM ENGINE MODEL IO 550-B29B, SN 682157, TOTAL TIME-685.6                                           |              |  |      |                   |
|                 |  | PERFORMED ANNUAL INSPECTION PER BONANZA 100 HOUR / ANNUAL INSPECTION                                |              |  |      |                   |
|                 |  | GUIDE PN 98-32227H.                                                                                 |              |  |      |                   |
|                 |  | REMOVED ENGINE MODEL IO 550-B29B, SN 682157, TOTAL TIME-685.6. INSTALLED AFTER                      |              |  |      |                   |
|                 |  | OVERHAUL BY CRS-NJ1R350K PER MM 71-00-00, REMOVAL & INSTALLATION                                    |              |  |      |                   |
|                 |  | GROUND RUN/LEAK CHECK NORMAL.                                                                       |              |  |      |                   |
|                 |  | SERVICED W/ 11 QYS. AEROSHELL 100 TYPE M AND CH 48109 FILTER.                                       |              |  |      |                   |
|                 |  | AD 98-01-08L, PERFORMANCE ENGINEERING EXHAUST ROLLER ROCKER ARMS                                    |              |  |      |                   |
|                 |  | NOT INSTALLED. NO ACTION REQUIRED.                                                                  |              |  |      |                   |
|                 |  | C/W AD 98-23-01, PARKER HANNIFIN / AIRBORN DRY AIR PUMP. DOES NOT APPLY BY TIME OF INSTALLATION. NO |              |  |      |                   |
|                 |  | ACTION REQUIRED.                                                                                    |              |  |      |                   |
|                 |  | PERFORMED TCM SERVICE BULLETIN 95-2, INSPECTION & MAINTENANCE OF ENGINE CONTROL CABLES & LINKA      |              |  |      |                   |
|                 |  | THIS IS TO CERTIFY THAT AN ANNUAL INSPECTION HAS BEEN ACCOMPLISHED                                  |              |  |      |                   |
|                 |  | IN ACCORDANCE WITH THE MANUFACTURES PROGRAM APPROVED UNDER                                          |              |  |      |                   |
|                 |  | FAR 91.409(a) (1) AND THE ENGINE IS APPROVED FOR RETURN TO SERVICE..                                |              |  |      |                   |
|                 |  | CRS-JAVR120F <i>Gerald M. Muey</i>                                                                  |              |  |      |                   |
| BROUGHT FORWAR. |  |                                                                                                     |              |  |      |                   |
| TOTALS          |  |                                                                                                     |              |  |      |                   |

**JET AVIATION**

|      |                   |
|------|-------------------|
| TURE | LICENSE<br>NUMBER |
|------|-------------------|

[illegible]



[illegible]

| DATE            | Gross Weight | ENGINE INSPECTIONS                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |              | 9021. Completed requirements for an engine 100 Hour Inspection. Cleaned, inspected, regapped and tested spark plugs. Cleaned, inspected and reinstalled fuel injector nozzles. Reinstalled spark plugs using new gaskets. Cleaned and inspected fuel injector screens for contaminants, reinstalled and safetied.<br><b>Note:</b> Oil and oil filter were not changed because of the fact that both had been accomplished 4 hours earlier in August 1999. |
|                 |              | <b>AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS</b>                                                                                                                                                                                                                                                                                                                                                                                                     |
|                 |              | 1007. Found AD99-09-17 dated 4/22/99 not applicable by date of engine original build-up and by the fact that the original crank (being S/N 1279419N) was reinstalled following overhaul by Penn Yan Aero.                                                                                                                                                                                                                                                 |
|                 |              | I certify that this <b>engine</b> has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition,                                                                                                                                                                                                                                                                                                     |
|                 |              | Signed <u>[Signature]</u> IA1567773<br>For STEVENS AVIATION, Greenville, SC                                                                                                                                                                                                                                                                                                                                                                               |
| BROUGHT FORWARD |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| TOTALS          |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

ENGINE LOG

The aircraft, airframe, aircraft engine, propeller, or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Make: Teledyne Continental Motors      Model: IO550B29B  
Serial No.: 682157      Hobbs Time: 807.3  
Date:      Total Time: 760.4      TSO: 74.8  
Work Performed: Removed vacuum pump 442CW, S/N 2AK187, installed overhauled vacuum pump 442CW, S/N 19077 with new gasket. Ground run and leak checked.-----End-----

Details of this inspection are on file under Work Order No. 0732

Signature: *Craig Hella*      Cert. No. ID4R254M  
TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532

The aircraft, airframe, aircraft engine, propeller, or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Make: Beechcraft      Model: A36  
Serial No.: E-2875      Hobbs Time: 807.3      Total Time: 807.3  
Date: 10/07/99      Reg: N1230Z  
Work Performed: Blew out vacuum/pressure system lines, installed new inlet air filter P/N D9-14-05 & pressure filter P/N 1J4-7. Installed new engine inlet air duct P/N 36-380098-1. Ground run.-----End-----

Details of this inspection are on file under Work Order No 0732

Signature: *Craig Hella*      Cert. No. ID4R254M  
TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532

E      LICENSE  
NUMBER

ENGINE LOG

The aircraft, airframe, aircraft engine, propeller, or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Make: Teledyne Continental Motors      Model: IO550B29B  
Serial No.: 682157      Hobbs Time: 807.3  
Date: 01/06/00      Total Time: 766.0      TSO: 80.4  
Work Performed: Set up fuel system to TCM/Beechcraft specification and flight checked. -----End-----

Details of this inspection are on file under Work Order No. 0789

Signature: *Craig Hella*      Cert. No. ID4R254M  
TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532

The aircraft, airframe, aircraft engine, propeller, or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Make: Teledyne Continental Motors      Model: IO550B29B  
Serial No.: 682157      Hobbs Time: 842.3  
Date: 05/19/00      Total Time: 801.0      TSO: 115.4  
Work Performed: Changed oil and took oil sample. Serviced with 12 Qts Aeroshell 100 plus and installed new filter P/N CH48109. Cleaned fuel injector nozzles. Compression check #1-74/80, #2-74, #3-78, #4-77, #5-76, #6-78. Ground ran and leak checked. -----End-----

Signature: *Craig Hella*      Cert. No. ID4R254M      Details of this inspection are on file under Work Order No. 0908  
TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532

LICENSE  
NUMBER

BROUGHT FORWARD

TOTALS

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | R.P.M. |     | TIME ON GROUND |      |       | TIME IN AIR |      |       | TOTAL TIME |      | REPAIRS - ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|----------------|------|-------|-------------|------|-------|------------|------|-----------------------|-----------|----------------|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ground | Air | Hrs.           | Min. | Total | Hrs.        | Min. | Total | Hrs.       | Min. |                       |           |                |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>I certify that this airframe, engine, propeller has been inspected in accordance with an <b>annual</b> inspection and determined to be in airworthy condition.</p> <p>Make: Teledyne Continental Motor      Model: IO 550 B29B<br/> Serial No.: 682157      Hobbs Time: 879.8<br/> Date: 10/13/2000      Total Time: 832.9      Time SOH: 147.3</p> <p><b>Work Performed:</b> Completed an ANNUAL inspection using Beechcraft Bonanza Long Form Inspection Guide, P/N 98-32227H. Compression check/ 80psi: #1-66, #2-68, #3-68, #4-67, #5-68, #6-66. Changed oil and filter. Serviced engine with 12 qt. Aeroshell W100 Plus oil. AD notes checked and complied with through 2000-20. -----END-----</p> <p>Signature: <u>Michael Lindsay</u> Details of this inspection are on file under Work Order No. <b>1032</b><br/> TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532      Cert. No. ID4R254M</p> |        |     |                |      |       |             |      |       |            |      |                       |           |                |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1"> <thead> <tr> <th colspan="3">BROUGHT FORWARD</th> <th colspan="3"></th> <th colspan="3"></th> <th colspan="2"></th> <th colspan="2"></th> <th></th> </tr> <tr> <th colspan="3">TOTALS</th> <th colspan="3"></th> <th colspan="3"></th> <th colspan="2"></th> <th colspan="2"></th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="3"></td> <td colspan="3"></td> <td colspan="3"></td> <td colspan="2"></td> <td colspan="2"></td> <td></td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |     |                |      |       |             |      |       |            |      |                       |           |                | BROUGHT FORWARD |  |  |  |  |  |  |  |  |  |  |  |  |  | TOTALS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BROUGHT FORWARD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |     |                |      |       |             |      |       |            |      |                       |           |                |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |     |                |      |       |             |      |       |            |      |                       |           |                |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |     |                |      |       |             |      |       |            |      |                       |           |                |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Signature: Michael C. Lindsay Details of this inspection are on file under Work Order No. **1032**  
TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 Cert. No. ID4R254M

| DATE            | R.P.M.                                                                                                                                                                                                                            |     | TIME ON GROUND |      |       | TIME IN AIR                                                       |      |       | TOTAL TIME |      | REPAIRS - ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------|------|-------|-------------------------------------------------------------------|------|-------|------------|------|-----------------------|-----------|----------------|
|                 | Ground                                                                                                                                                                                                                            | Air | Hrs.           | Min. | Total | Hrs.                                                              | Min. | Total | Hrs.       | Min. |                       |           |                |
|                 | The aircraft, airframe, aircraft engine, propeller, or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. |     |                |      |       |                                                                   |      |       |            |      |                       |           |                |
|                 | Make: Teledyne Continental Motor                                                                                                                                                                                                  |     |                |      |       | Model: IO 550 B29B                                                |      |       |            |      |                       |           |                |
|                 | Serial No.: 682157                                                                                                                                                                                                                |     |                |      |       | Hobbs Time: 930.9                                                 |      |       |            |      |                       |           |                |
|                 | Date: 02/06/2001                                                                                                                                                                                                                  |     |                |      |       | Total Time: 884.0                                                 |      |       |            |      | Time SOH: 198.4       |           |                |
|                 | <b>Work Performed:</b> Changed oil and filter. Serviced engine with 12 qt. Aeroshell W100 Plus oil. Completed ground run and leak check. -----END-----                                                                            |     |                |      |       |                                                                   |      |       |            |      |                       |           |                |
|                 | Signature: <i>Michael C. Smiley</i>                                                                                                                                                                                               |     |                |      |       | Details of the work accomplished is on file under Work Order 1147 |      |       |            |      |                       |           |                |
|                 | TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532                                                                                                                                                                |     |                |      |       | Cert. No. ID4R254M                                                |      |       |            |      |                       |           |                |
|                 |                                                                                                                                                                                                                                   |     |                |      |       |                                                                   |      |       |            |      |                       |           |                |
|                 |                                                                                                                                                                                                                                   |     |                |      |       |                                                                   |      |       |            |      |                       |           |                |
|                 |                                                                                                                                                                                                                                   |     |                |      |       |                                                                   |      |       |            |      |                       |           |                |
| BROUGHT FORWARD |                                                                                                                                                                                                                                   |     |                |      |       |                                                                   |      |       |            |      |                       |           |                |
| TOTALS          |                                                                                                                                                                                                                                   |     |                |      |       |                                                                   |      |       |            |      |                       |           |                |

Signature: Michael C. Lindsay Details of the work accomplished is on file under Work Order 1147  
TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 Cert. No. ID4R254M



Make: Teledyne Continental Motors  
Model: IO550B(29)  
Serial No.: 682157  
Date: 09/21/2001

Hobbs Time: 991.8  
Total Time: 944.9  
Time SOH: 259.0  
Time STOH: 00.0

ENSE  
MBER

I certify that this airframe, engine, propeller has been inspected in accordance with an **annual** inspection and was determined to be in airworthy condition.

**Work Performed:** Completed an ANNUAL inspection using Beechcraft Bonanza Long Form Inspection Guide, P/N 98-32227H. Removed all 6 cylinders. #1, #2, #3, #5, and #6 cylinder valve assemblies were repaired by John Jewell Aircraft, Inc. FAA CRS JUJR300L. Reinstalled these cylinders with P/N 654716P005 ring sets and new gaskets and seals. Installed a new cylinder and valve assembly in #4 position with standard a P/N 654716 ring set and new gaskets and seals. Cleaned, gapped, tested and rotated spark plugs. Replaced #3 lower and #6 upper spark plug. Cleaned fuel injector nozzles. Installed new air conditioner belt and adjusted belt tension. Installed new engine air filter. Changed oil and filter. Serviced engine with 12 qts. of Aeroshell 100 mineral oil. AD 2000-08-51 is N/A by engine S/N. Completed a ground operational check leak check, and flight check. ----END----

Signature: Michael C. Anderson  
TCM Customer Support Specialist

Details of this inspection are on file under Work Order No.1313  
 2, Fairhope, AL 36532 Cert. No. ID4R254M

BROUGHT FORWARD

**TOTALS**



**CONTINENTAL MOTORS**  
A Teledyne Technologies Company

DA

Make: Teledyne Continental Motors  
Model: IO550B(29)  
Serial No.: 682157  
Date: 10/08/2001

Hobbs Time: 991.8  
Total Time: 944.9  
Time SOH: 259.0  
Time STOH: 00.0

LICENSE  
NUMBER

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

**Work Performed:** Removed #1, #2, #3, #5 and #6 cylinders and installed 5 new cylinder and valve assemblies with new standard ring sets, gaskets and seals. Completed ground run checks, leak checks and flight checks. -----END-----

Signature: Michael C. Anderson

Details of the work accomplished is on file under Work Order No. 1313  
County Rd 32, Fairhope, AL 36532 Cert. No. ID4R254M

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. | Total | Hrs.        | Min. | Total | Hrs.       | Min. |                       |           |                |                 |  |
| 2002            |        |        |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |
| 4 Feb 02        | Hobbes | TT     | DRAINED OIL, INSTALLED NEW FILTER CH-48108 RESERVICED WITH AERO SHELL 15W50 OIL TOOK SAMPLE, WASHED ENGINE, GROUND RUN NO LEAKS NOTED                                                 |      |       |             |      |       |            |      |                       |           |                | Small D. O'Neil |  |
|                 | 1022.0 | 975.1  |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                | ADP 1751754     |  |
|                 | TS6H   |        |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |
|                 | 289.2  |        |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |
| 18 Feb 02       | Hobbes | TT     | REMOVED SIX (6) TRM FUEL NOZZLES PN 627335 D-13B, INSTALLED GAMI FUEL KIT GAD 13B SN. 9750 TAN 3TC NO. SE 092175C + INSTALLATION RADIOS LINE NO. JP-96-001 (REV 004) 2d SEPT. 25 1996 |      |       |             |      |       |            |      |                       |           |                | Small D. O'Neil |  |
|                 | 1026.2 | 979.3  |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                | ADP 1751754     |  |
|                 | TS6H   |        |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |
|                 | 293.4  |        | GROUND RUN AND NO LEAKS NOTED 337 Filed THIS DATE                                                                                                                                     |      |       |             |      |       |            |      |                       |           |                |                 |  |
|                 |        |        |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |
|                 |        | TF     |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |
| 2 Apr 02        | Hobbes |        | DRAINED OIL, INSTALLED NEW FILTER CH-48108 RESERVICED WITH AERO SHELL 15W50 OIL TOOK SAMPLE, WASHED ENGINE, GROUND RUN NO LEAKS NOTED                                                 |      |       |             |      |       |            |      |                       |           |                | Small D. O'Neil |  |
|                 | 1048.0 | 1001.1 |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                | ADP 1751754     |  |
|                 | TS6H   |        |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |
|                 | 315.8  |        |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |
| BROUGHT FORWARD |        |        |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |
| TOTALS          |        |        |                                                                                                                                                                                       |      |       |             |      |       |            |      |                       |           |                |                 |  |

| DATE            | R.P.M. |        | Hrs.   | REPAIRS - ADJUSTMENTS                                                                                                                                                                                                                                                                     | SIGNATURE | LICENSE NUMBER |
|-----------------|--------|--------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|                 | Ground | Air    |        |                                                                                                                                                                                                                                                                                           |           |                |
| 10 Jan 02       | Hobbes | 1098.6 | 1098.6 | DRAINED OIL, INSTALLED NEW FILTER CH-48108 RESERVICED WITH AERO SHELL 15W50 OIL TOOK SAMPLE, WASHED ENGINE, GROUND RUN NO LEAKS NOTED<br>ADP 1751754                                                                                                                                      |           |                |
| 9 SEPT 02       | Hobbes | 1134.0 | 1134.0 | DRAINED OIL, INSTALLED NEW FILTER CH-48108 RESERVICED WITH AERO SHELL 15W50 OIL TOOK SAMPLE, GROUND RUN NO LEAKS NOTED<br>ADP 1751754                                                                                                                                                     |           |                |
| 7 NOV 02        | Hobbes | 1148.1 | 1148.1 | 1. REPLACED ALL SPARK PLUG. RAB 3215<br>2. REPLACED BOTH MAGNETOS HARNESS RAB 12381<br>3. REPLACED RIGHT EXHAUST TUBE PN 35-950005-57<br>4. COMPLETED COMPRESSION CHECK II 1 7/8 #2 7/8 #3 7/8 #4 7/8 #5 7/8 #6 7/8<br>5. CLEAN FUEL SYSTEM<br>6. ALL AD CHECKED THRU 2002-20 SEE AD LOG. |           |                |
| BROUGHT FORWARD |        |        |        |                                                                                                                                                                                                                                                                                           |           |                |
| TOTALS          |        |        |        |                                                                                                                                                                                                                                                                                           |           |                |

Can't write page

## ENGINE LOG

[illegible]

stitute authority to install the part/component/assembly.

1. If the authority to install the part/component/assembly is different from the airworthiness authority of the country specified in Block 1, it is essential that the authority issuing the installation certificate is the same as the authority specified in Block 1. The authority issuing the installation certificate must contain an installation certification issued in accordance with the national regulations.

| DATE            |              | R. P. M.                                             |  | Signature |  | License Number |  |
|-----------------|--------------|------------------------------------------------------|--|-----------|--|----------------|--|
| 2003            |              | Ground                                               |  |           |  |                |  |
| 19mm            | 10665        | DRAINED OIL INSTALLED NEW CH48108 FILTER             |  |           |  |                |  |
|                 | 1193.1       | RESERVICED WITH 12qt AEROSHELL 15W50 TOOK SAMPLE     |  |           |  |                |  |
|                 | TSMO4        | WASHED ENGINE GROUND RUN NO LEAKS NOTED              |  |           |  |                |  |
|                 | 460.6        |                                                      |  |           |  |                |  |
|                 | TT           |                                                      |  |           |  |                |  |
|                 | 1146.2       | [Signature]                                          |  |           |  |                |  |
|                 |              | ADP1751754                                           |  |           |  |                |  |
| 24 Sep 03       | 10665        | DRAINED OIL INSTALLED NEW CH48108 FILTER, RESERVICED |  |           |  |                |  |
|                 | 1235.2       | WITH 12qt AEROSHELL 15W50 TOOK SAMPLE, WASHED        |  |           |  |                |  |
|                 | TSMO4        | ENGINE GROUND RUN NO LEAKS NOTED                     |  |           |  |                |  |
|                 | 502.1        |                                                      |  |           |  |                |  |
|                 | TT           |                                                      |  |           |  |                |  |
|                 | 1189.3       | [Signature]                                          |  |           |  |                |  |
|                 |              | ADP1451754                                           |  |           |  |                |  |
| 30 Aug 03       | 1206651238.8 | REPLACED TACH GENERATOR PN 102-389015-5              |  |           |  |                |  |
|                 | TSMO4        | SN 6978 THIS IS AN OVERHAUL TACH GEN                 |  |           |  |                |  |
|                 | TT           | [Signature]                                          |  |           |  |                |  |
|                 | 1192.0       | ADP1751754                                           |  |           |  |                |  |
| BROUGHT FORWARD |              |                                                      |  |           |  |                |  |
| TOTALS          |              |                                                      |  |           |  |                |  |



[illegible]

Install the part/component/assembly.

|                                      |                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      | <p>I certify that this <u>ENGINE</u> has been inspected in accordance with <u>100HR</u> inspection and was determined to be in air worthy condition. Date <u>02 DEC 04</u></p> <p>Hobbs Tach Time <u>1367.0</u> Total Time <u>1320.1</u> TSMOH <u>634.5</u></p> <p>A &amp; P or <del>A</del> No. <u>1751754</u> TSTOR OH <u>375.2</u></p> <p><i>Sam O'Neil</i></p> |
| <p>7 Feb 05<br/>TSMOH<br/>648.5</p>  | <p>Hobbs<br/>1381.0</p> <p>REPLACED ALTERNATOR PN 649304 SN F03931800</p> <p>Ground Run checked normal. <i>Sam O'Neil</i> AIP 1751754</p>                                                                                                                                                                                                                          |
| <p>31 May 05<br/>TSMOH<br/>691.5</p> | <p>Hobbs<br/>1424.0</p> <p>DRAINED OIL INSTALLED NEW FILTER CH 48108-1 RESERVICED</p> <p>WITH 15 W 50 AERO SHELL Ground Run &amp; no leaks noted</p> <p><i>Sam O'Neil</i> AIP 1751754</p>                                                                                                                                                                          |

| DATE      | TIME   | DESCRIPTION                                                      |
|-----------|--------|------------------------------------------------------------------|
| 30 Aug 05 | 1406.5 | DRAINED OIL INSTALLED NEW CH 48108-1 FILTER RESEALING WITH TSMOH |
|           | 1459.0 | AKROSHILL 15W50 OIL, TOOK SAMPLE, Ground Run & NO LEAK           |
|           | 1506.0 | NOTED                                                            |

1018

73  
72  
72  
71  
73  
73

|                                                                    |                                                                                                                                   |                                                   |                                                                                                                                          |                     |                                                                                                                            |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Report Produced By: Stevens Aviation, Inc. at Stevens Aviation GMU |                                                                                                                                   | Address: 7 Airport Road Ext. Greenville, SC 29607 |                                                                                                                                          | Phone: 864-232-3006 |                                                                                                                            |
| <b>Airworthiness Directive Compliance Record</b>                   |                                                                                                                                   |                                                   |                                                                                                                                          |                     | File ID: E-2875                                                                                                            |
| USARL Research Date: 09/20/1999                                    |                                                                                                                                   |                                                   |                                                                                                                                          |                     |                                                                                                                            |
| Manufacturer<br>Teledyne Continental                               |                                                                                                                                   |                                                   | Model<br>IO-550-B                                                                                                                        |                     | Part #:<br>Serial #:                                                                                                       |
| AD Number<br>Effective date                                        | Description                                                                                                                       | Compliance<br>Date<br>Time                        | Status<br>Method of Compliance/Justification                                                                                             | Occur<br>at<br>Rate | Next Due<br>Date<br>Time<br><br>1. Facility 2. Cert. Num.<br>2. Cert. Type 4. Authority by<br><br>Signature:               |
| 98-01-08 L<br>01/15/1998<br><br>GATP                               | To prevent exhaust roller rocker arm failure, which can result in bent push<br><br>GATP                                           | 12/9/98<br>732.5 ACTT                             | Found not applicable in that exhaust roller rocker arms have not been installed.                                                         | Once<br><br>GATP    | N<br><br>Signature:<br>1. Stevens Aviation GMU<br>2. Inspection Authority<br>3. IA1567773<br>4. GMU Quality Assurance      |
| 98-09-17 L<br>04/22/1999<br><br>GATP                               | To prevent crankshaft failure due to no. 2 &amp; no. 5 cheek cracks, which<br><br>GATP                                            | 10/1/99<br>803.7 ACTT                             | 1. Found not applicable by date of engine build. 2. Found not applicable in that crank S/N 1279419N was re-installed following overhaul. | Recur<br><br>GATP   | N<br><br>Signature:<br>1. Stevens Aviation GMU<br>2. Inspection Authority<br>3. IA1567773<br>4. GMU Quality Assurance      |
|                                                                    |                                                                                                                                   |                                                   |                                                                                                                                          |                     | 1. Stevens Aviation GMU<br>2. Inspection Authority<br>3. IA1567773<br>4. GMU Quality Assurance                             |
| <b>PAPER AIR FILTER</b>                                            | <b>INDUCTION AIR FILTER</b>                                                                                                       |                                                   | <b>PIN</b>                                                                                                                               |                     | Signature:                                                                                                                 |
| 84-28-02<br>1/29/85                                                | To prevent possible engine power loss or stoppage caused by engine ingestion of fragments of a deteriorated induction air filter. | 9/19/97<br>575.1 ACTT                             | By replacing induction air filter with new.                                                                                              | Recur<br>500 hr     | 1,075 ACTT<br>Signature:<br>1. Stevens Aviation GMU<br>2. Inspection Authority<br>3. IA1567773<br>4. GMU Quality Assurance |
|                                                                    |                                                                                                                                   |                                                   |                                                                                                                                          |                     | Signature:<br>1. Stevens Aviation GMU<br>2. Inspection Authority<br>3. IA1567773<br>4. GMU Quality Assurance               |
|                                                                    |                                                                                                                                   |                                                   |                                                                                                                                          |                     | Signature:<br>1. Stevens Aviation GMU<br>2. Inspection Authority<br>3. IA1567773<br>4. GMU Quality Assurance               |

1363

*The Standard*  
 **-ENGINE LOG**

*ASA-SE-2*

The Standard Engine Log  
SE-2

© 1992-1999 Aviation Supplies & Academics, Inc.

ISBN 1-56027-326-7  
**ASA-SE-2**

All rights reserved.  
Reproduction or use, without  
express permission, in any manner,  
is prohibited.

Published by  
Aviation Supplies & Academics, Inc.  
7005 132nd Place SE  
Newcastle, WA 98059-3153

Printed in Canada



P N R A S A - S E - 2



9 781560 273264

1700 Ha.  
**Engine Record** General Information

**Manufacturer** CONTINENTAL **Model** IO 550B 29B  
**Serial** 682157 **Type Certificate** \_\_\_\_\_  
**This engine is currently installed in aircraft:** N-12302

**Minimum Octane Fuel** \_\_\_\_\_ **Oil Grade** Summer \_\_\_\_\_ Winter \_\_\_\_\_  
**Magneto Time** \_\_\_\_\_ **Point Setting** \_\_\_\_\_ **Firing Order** \_\_\_\_\_  
**Spark Plug Gap** \_\_\_\_\_  
**Manufacturer's Recommended Overhaul at** \_\_\_\_\_ **hours**

| YEAR<br>2006<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<br>Technician or Repair Facility. (See back pages for other specific entries.)                                                                                                                                                                                |
|----------------------|---------------------------|-------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 06 JAN 06            | 1507.4                    |                   | 1460.5                      | 1. DRAINED OIL INSTALLED NEW CH48108-1 FILTER<br>RESERVICED WITH 12qt PENOSHELL 15W50 &<br>TOOK OIL SAMPLE.                                                                                                                                                                                                                                                                                      |
|                      |                           |                   | 774.9                       |                                                                                                                                                                                                                                                                                                                                                                                                  |
|                      |                           | TS TOP OFF        | 515.6                       | 2. CLEANED FUEL INJECTORS & SCREEN<br>3. CLEANED & CHECKED ALL SPARK PLUGS<br>4. COMPLETED COMPRESSION CHECK #1 $\frac{66}{80}$ #2 $\frac{62}{80}$<br>#3 $\frac{74}{80}$ #4 $\frac{64}{80}$ #5 $\frac{70}{80}$ #6 $\frac{62}{80}$<br>5. WASHED & CLEANED ENGINE<br>6. REINSTALLED ALL PANELS<br>7. AD'S CHECK THRU 05-26 SEE AD LOG.<br>8. Ground Run NO LEAK NOTED<br>Samuel O'Neil AIP 1751754 |

98.2

| YEAR<br>2006<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<br>Technician or Repair Facility. (See back pages for other specific entries.)                                                                                             |
|----------------------|---------------------------|-------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |                           |                   |                             | I certify that this <u>ENGINE</u> has<br>been inspected in accordance with <u>100 H</u><br>inspection and was determined to be in<br>air worthy condition. Date <u>06 JAN 06</u><br>Tach Time <u>1507.4</u> Total Time <u>1460.5</u> TSMO <u>H 774.9</u><br>AIP or IA No. <u>1751754</u><br><br>Samuel O'Neil |
| 02 MAR 06            | 1537.4                    |                   | 1492.5                      | DRAINED OIL INSTALLED NEW CH48108-1 FILTER<br>RESERVICED WITH 12qt PENOSHELL 15W50 &<br>TOOK OIL SAMPLE, REPLACED #1, #3 & #5 EXHAUST<br>GASKET & CROSSOVER GASKET Ground Run<br>NO LEAKS NOTED<br>Samuel O'Neil AIP 1751754                                                                                  |



| YEAR<br>2006<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<br>Technician or Repair Facility. (See back pages for other specific entries.)                                                                                                                                                                                                                                                                                  |
|----------------------|---------------------------|-------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | 1574.4                    |                   | 1495.5                         | Drained oil, installed new Filter CH 48-108-1<br>Reserviced with 12qt ARMO Shell 15W50 &<br>Took oil sample, Replaced A/C Belt<br>PN 2319295, Ground run checked normal<br>& no leaks noted                                                                                                                                                                                                                                                                                                        |
| 06Edu 07             | HOLDS<br>1605.6           |                   | TT<br>1558.7<br>TSMON<br>873.4 | 1. Drained oil, installed new Filter CH 48-108-1<br>Reserviced with 12qt ARMO Shell 15W50, Took<br>oil sample<br>2. Cleaned Fuel injectors & SCABON<br>3. Cleaned & checked all spark plugs<br>4. Completed Compression checks #1 $\frac{100}{80}$ #2 $\frac{60}{80}$<br>#3 $\frac{60}{80}$ #4 $\frac{60}{80}$ #5 $\frac{60}{80}$ #6 $\frac{60}{80}$<br>5. Removed #1 cylinder for Exhaust Plug &<br>Damage & Low Compression O/H by Gibson Aviation<br>Reinstalled with new ring, Gasket & seals, |

| YEAR<br>2007<br>DATE | RECORDING<br>TACH<br>TIME | 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<br>Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------------|---------------------------|--------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |                           |        | 6                           | Removed #2 cyl. for Low Compression<br>O/H by Gibson Aviation, Reinstalled with<br>new rings, Gasket & seals.                                                                                                     |
|                      |                           |        | 7                           | Removed crank shaft seal for Leaking.<br>Replaced seal PN. 641250 & Reinstalled<br>Properly.                                                                                                                      |
|                      |                           |        | 8                           | REPLACED <sup>GASKET</sup> EXHAUST ON ALL CYLINDERS.                                                                                                                                                              |
|                      |                           |        | 9                           | washed & cleaned engine                                                                                                                                                                                           |
|                      |                           |        | 10                          | AD's checked thru 2007-02 sub AD<br>Log.                                                                                                                                                                          |
|                      |                           |        | 11                          | Reinstalled pinkeys & Counting                                                                                                                                                                                    |
|                      |                           |        | 12                          | Ground run no leaks noted<br><i>Samuel D. ADP 1451754</i>                                                                                                                                                         |



Hobbs 1694.2

| YEAR<br>2007<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<br>Technician or Repair Facility. (See back pages for other specific entries.)                                                                                                                             |
|----------------------|------------------------------------|-------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |                                    |                   |                             | I certify that this <u>ENGINE</u> has<br>been inspected in accordance with <u>100 HR</u><br>inspection and was determined to be in<br>air worthy condition. Date <u>06 Feb 07</u><br><u>Hobbs</u> Tach Time <u>1605.6</u> Total Time <u>1594.4</u> TSMOH <u>873.4</u><br>A & P or IA No. <u>1751754</u> <u>1553.7</u><br><u>Samuel O Park</u> |
| 12 MAR 07            | <u>1614.1</u><br><del>1446.1</del> |                   | 1597.2                      | REPLACED Day Air Pump. RA 442 C.W<br>SN 126939<br><u>Samuel O Park</u> ATP 1751754                                                                                                                                                                                                                                                            |
| 17 Feb 07            | <u>Hobbs</u><br><u>1664.4</u>      |                   | 1617.5<br>TSMOH<br>932.2    | DRAINED OIL, INSTALLED NEW FILTER CH 48108-1<br>RESERVICED WITH 12qt AERO SHUTL 15W50 TOOK<br>OIL SAMPLE, WASHED ENGINE Ground Run<br>NO LEAKS NOTED <u>Samuel O Park</u><br>ATP 1751754                                                                                                                                                      |

| YEAR<br>2007<br>DATE | RECORDING<br>TACH<br>TIME<br><u>Hobbs</u> | 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<br>Technician or Repair Facility. (See back pages for other specific entries.)                                                |
|----------------------|-------------------------------------------|-------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20 SEP 07            | <u>1694.2</u>                             |                   | <u>1649.3</u><br><del>1699.6</del><br>TSMOH<br>962.3  | DRAINED OIL, INSTALLED NEW FILTER CH 48108-1<br>RESERVICED WITH 12qt AERO SHUTL 15W50 OIL<br>TOOK OIL SAMPLE, WASHED ENGINE<br>Ground Run NO LEAKS NOTED<br><u>Samuel O Park</u> ATP 1751754                                                                     |
| 14 NOV 07            | 1721.4                                    |                   | <u>1674.5</u><br><del>1649.4</del><br>TSMOH<br>989.5  | REPLACED Fuel Compressor Air Tube<br>PN. ETI-B-200A<br><u>Samuel O Park</u> ATP 1751754                                                                                                                                                                          |
| 04 DEC 07            | 1732.1                                    |                   | <u>1685.2</u><br><del>1715.5</del><br>TSMOH<br>1000.2 | REPLACED FUEL FLOW TRANSMISSION MOUNT<br>BRACKET PN. 102-910060-1<br>DRAIN OIL, INSTALLED NEW FILTER CH 48108-1<br>RESERVICED WITH 12qt AERO SHUTL 15W50<br>OIL TOOK OIL SAMPLE, WASHED ENGINE, Ground<br>Run NO LEAKS NOTED<br><u>Samuel O Park</u> ATP 1751754 |

1819.3

37.4

| YEAR<br>2008<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<br>Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------------|---------------------------|-------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 05 MAR 08            | Hobbes<br>1733.9          |                   | 1687.0                      | 1. DRAIN OIL (TO REPLACE DRAIN PLUG OIL & FILTER<br>HAD BEEN CHANGED 1.8 HRS PRIOR) RESERVICED<br>WITH 12qt ARMO-SHELL 15W50                                                                                      |
|                      |                           |                   | 1001.7                      | 2. REPLACED OIL DRAIN PLUG. P/N 56250                                                                                                                                                                             |
|                      |                           |                   |                             | 3. CLEAN & CHECKED ALL SPARK PLUGS.                                                                                                                                                                               |
|                      |                           |                   |                             | 4. CLEAN FUEL SECTIONS                                                                                                                                                                                            |
|                      |                           |                   |                             | 5. COMPLETED COMPRESSION CHECK #1 $\frac{65}{80}$ #2 $\frac{70}{80}$<br>#3 $\frac{70}{80}$ #4 $\frac{64}{80}$ #5 $\frac{68}{80}$ #6 $\frac{68}{80}$                                                               |
|                      |                           |                   |                             | 6. REPLACED EXHAUST V-BAND CLAMP. PN 44040375-M7                                                                                                                                                                  |
|                      |                           |                   |                             | 7. WASHED & CLEANED ENGINE                                                                                                                                                                                        |
|                      |                           |                   |                             | 8. GROUND RUN CHECK NORMAL & NO LEAKS<br>NOTED                                                                                                                                                                    |
|                      |                           |                   |                             | 9. RETORQUED V-B AND CLAMP AFTER GROUND RUN                                                                                                                                                                       |

| YEAR<br>2008<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<br>Technician or Repair Facility. (See back pages for other specific entries.)                                                                                                    |
|----------------------|---------------------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |                           |                   |                             | I certify that this <u>ENGINE</u> has<br>been inspected in accordance with <u>ARMP</u><br>inspection and was determined to be in<br>air worthy condition. Date <u>05 MAR 08</u><br>Tech Time <u>1733.9</u> Total Time <u>1687.0</u> TSMOH <u>1001.7</u><br>Hobbes<br>A & P No. <u>1751754</u><br><u>Samuel Shank</u> |
| 14 MAR 08            | Hobbes<br>1779.9          |                   | 1733.0                      | DRAINED OIL, INSTALLED NEW FILTER                                                                                                                                                                                                                                                                                    |
|                      | TSMOH                     |                   | 1047.7                      | CH 48/08-1 RESERVICED WITH 12qt 15W50<br>ARMO-SHELL OIL, TOOK SAMPLE, WASHED ENGINE<br>GROUND RUN NO LEAKS NOTED<br><u>Samuel Shank</u> ATP1451454                                                                                                                                                                   |
| 12 MAR 08            | Hobbes<br>1819.9          |                   | 1773.0                      | DRAINED OIL, INSTALLED NEW FILTER CH 48/08-1                                                                                                                                                                                                                                                                         |
|                      | TSMOH                     |                   | 1087.7                      | RESERVICED WITH 12qt 15W50 ARMO-SHELL OIL<br>TOOK SAMPLE<br><u>Samuel Shank</u><br>ATP1451454                                                                                                                                                                                                                        |

| YEAR<br>2009<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<br>Technician or Repair Facility. (See back pages for other specific entries.)                                                                                            |
|----------------------|---------------------------|-------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03 APR 09            | 1822.4                    |                   | 1728.8                      | 1 COMPLETED COMPRESSION CHECK #1 $\frac{74}{80}$<br>#2 $\frac{74}{80}$ #3 $\frac{61}{80}$ #4 $\frac{68}{80}$ #5 $\frac{74}{80}$ #6 $\frac{71}{80}$                                                                                                                                                           |
|                      | TSMOH 1090.2              |                   |                             | 2 CLEANED & CHECKED ALL SPARK PLUGS                                                                                                                                                                                                                                                                          |
|                      |                           |                   |                             | 3 CLEANED ALL FUEL FUEL INJECTOR &<br>FUEL SCREEN                                                                                                                                                                                                                                                            |
|                      |                           |                   |                             | 4 ADJUSTED TENSION ON AIR CONDITIONER BELT                                                                                                                                                                                                                                                                   |
|                      |                           |                   |                             | 5 WASHED & CLEANED ENGINE                                                                                                                                                                                                                                                                                    |
|                      |                           |                   |                             | 6 GROUND CHECKED NORMAL & NO LEAKS NOTED                                                                                                                                                                                                                                                                     |
|                      |                           |                   |                             | 7 AD'S CHECKED THRU C9-D6 SEE AD LOG.                                                                                                                                                                                                                                                                        |
|                      |                           |                   |                             | I certify that this <u>ENGINE</u> has<br>been inspected in accordance with <u>100 H.R.</u><br>inspection and was determined to be in<br>air worthy condition. Date <u>03 APR 09</u><br>Tach Time <u>1822.4</u> Total Time <u>1728.8</u> TSMOH <u>1090.2</u><br>A & P No. <u>1751754</u><br><i>Sam O'Paul</i> |

| YEAR<br>2009<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<br>Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------------|---------------------------|-------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27 JUL 09            | 1856.8                    |                   | 1809.9                      | DRAINED OIL INSTALLED NEW FILTER CH 48108-1<br>RESERVICED WITH AEROSHAK 15W50 12qt                                                                                                                                |
|                      | TSMOH 1124.6              |                   |                             | TOOK SAMPLE WASHED ENGINE GROUND<br>RUN AND NO LEAKS NOTED<br><i>Sam O'Paul AD 1751754</i>                                                                                                                        |
| 17 DEC 09            | 1884.0                    |                   | 1837.1                      | DRAINED OIL & INSTALLED NEW FILTER<br>CH 48108-1 RESERVICED WITH 12qt AERO                                                                                                                                        |
|                      |                           |                   | TSMOH 1151.8                | SHAK 15W50, TOOK SAMPLE, WASHED<br>ENGINE, GROUND RUN AND NO LEAKS NOTED<br><i>Sam O'Paul AD 1751754</i>                                                                                                          |
| 07 APR 10            | 1907.1                    | TY                | 1                           | DRAINED OIL, INSTALLED NEW FILTER CH 48108-1<br>RESERVICED WITH 12qt AEROSHAK 15W50                                                                                                                               |
|                      | 1840.2                    |                   |                             | TOOK SAMPLE.                                                                                                                                                                                                      |
|                      | TSMOH 1174.9              |                   |                             | 2. COMPRESSION CHECK #1 $\frac{78}{80}$ #2 $\frac{52}{80}$ #3 $\frac{45}{80}$<br>#4 $\frac{68}{80}$ #5 $\frac{72}{80}$ #6 $\frac{70}{80}$                                                                         |

(CONT)

03/11/11

03/11/11

03/11/11

- 3 REPLACED #3 & #2 CYLINDERS FOR LOW COMPRESSION WITH OVERHAULED CYLINDERS FROM GIBSON AVIATION, INSTALLED ALL NEW GASKETS & SEALS
4. REPLACED #4 CYLINDER PUSH ROD SEALS.
- 5 INSTALLED ALL NEW SPARK PLUGS. RHB 32 E
- 6 CLEANED FUEL INJECTION & FUEL SCRAM
- 7 MD'S CHECKED THRU 2010-06
- 8 REINSTALLED PIONEERS & CONT.
- 9 WASHED & CLEANED ENGINE
- 10 GROUND RUN CHECKED NORMAL.  
NO LEAKS NOTED

I certify that this ENGINE has  
been inspected in accordance with 100HR  
Inspection and was determined to be in  
air worthy condition. Date 07 APR 10  
Tach Time 1907.1 Total Time 1860.2 TSMON 1174.9  
A & P cert No. 1781785

Sam O Paul

06 May 10 1932.7

77  
1885.8

|         |        |
|---------|--------|
| Tom 014 | 1200.5 |
|---------|--------|

T.T.

DRAINED OIL, INSTALLED NEW FILTER CHY6/08-1  
REASSEMBLED WITH 12pt AERO-Shell 15W50  
TOOK SAMPLE, WASHED ENGINE. Ground  
RUN NO LEAKS NOTED.

Samuel O Park B&P 1751754



| YEAR<br>2010<br>DATE | RECORDING<br>TACH<br>TIME<br>H0665 | 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<br>Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------------|------------------------------------|-------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12 Oct 10            | 1981.7                             |                   | TSMOH<br>1250.1             | DRAIN OIL INSTALLED NEW FILTER CH 48108-1                                                                                                                                                                         |
|                      |                                    |                   | T. T                        | RESERVICED WITH 12qt Aero Shell 15W50 oil                                                                                                                                                                         |
|                      |                                    |                   |                             | TOOK SAMPLES WASHED ENGINE Ground Run                                                                                                                                                                             |
|                      |                                    |                   |                             | NO LEAKS NOTED                                                                                                                                                                                                    |
|                      |                                    |                   |                             | Sam O Park AIP 1751754                                                                                                                                                                                            |
| 05 APR 11            | H0665<br>2011.0                    |                   | TSMOH<br>1279.4             | DRAIN OIL INSTALLED NEW FILTER CH 48108-1                                                                                                                                                                         |
|                      |                                    |                   |                             | RESERVICED WITH 12qt Aero Shell 15W50 oil                                                                                                                                                                         |
|                      |                                    |                   | T. T                        | TOOK SAMPLES WASHED ENGINE Ground Run NO                                                                                                                                                                          |
|                      |                                    |                   |                             | LEAKS NOTED Sam O Park AIP 1751754                                                                                                                                                                                |
| 11 May 11            | 2017.0                             |                   | TSMOH<br>1284.81            | Completed Compression check # $\frac{68}{80}$ # $\frac{64}{80}$                                                                                                                                                   |
|                      |                                    |                   |                             | # $\frac{36}{80}$ # $\frac{42}{80}$ # $\frac{56}{80}$ # $\frac{61}{80}$                                                                                                                                           |
|                      |                                    |                   | T. T                        | 2. Clean & checked spark plugs                                                                                                                                                                                    |
|                      |                                    |                   | 1970.1                      | 3. Check Fuel Injector & Fuel sensors                                                                                                                                                                             |
|                      |                                    |                   |                             | 4. AD-10-11-04 N/A NO HYDRAULIC VALVE LIFTER                                                                                                                                                                      |
|                      |                                    |                   |                             | Inst. APTN 19 JUN 09                                                                                                                                                                                              |

| YEAR<br>2011<br>DATE | RECORDING<br>TACH<br>TIME<br>H0665 | 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<br>Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------------|------------------------------------|-------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11 May 11            | 2017.0                             |                   | 1970.1                      | 5. AD Checked THRU 2011-08 SEE AD LOG.                                                                                                                                                                            |
|                      |                                    |                   | TSMOH                       | 6. WASHED & CLEANED ENGINE                                                                                                                                                                                        |
|                      |                                    |                   | 1284.8                      | 7. REINSTALLED ALL PANELS.                                                                                                                                                                                        |
|                      |                                    |                   |                             | 8. Ground Run checked normal & NO                                                                                                                                                                                 |
|                      |                                    |                   |                             | LEAKS NOTED                                                                                                                                                                                                       |
| 11 May 11            | 2017.0                             |                   | 1970.1                      | I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED                                                                                                                                                                     |
|                      |                                    |                   | TSMOH                       | IN ACCORDANCE WITH ANNUAL INSPECTION AND                                                                                                                                                                          |
|                      |                                    |                   | 1284.8                      | WAS DETERMINED TO BE IN UN AIR WORTHY                                                                                                                                                                             |
|                      |                                    |                   |                             | CONDITION. 11 May 2011 H0665 Time 2017.0                                                                                                                                                                          |
|                      |                                    |                   |                             | TOTAL TIME # 1970.1 TSMOH 1284.8                                                                                                                                                                                  |
|                      |                                    |                   |                             | Sam O Park IP 1751754                                                                                                                                                                                             |
| 11 May 11            | 2017.0                             |                   | 1970.1                      | A LIST OF UNAIR WORTHY ITEMS HAS BEEN                                                                                                                                                                             |
|                      |                                    |                   | TSMOH                       | PROVIDED FOR THE AIRCRAFT OWNER.                                                                                                                                                                                  |
|                      |                                    |                   | 1284.8                      | Sam O Park IP 1751754                                                                                                                                                                                             |

[illegible]

| YEAR<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------|---------------------------|-------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                           |                   |                             | <div style="text-align: center;">  <p> <b>Tunica Air Group</b><br/>           2930 Winchester Road Hangar 4<br/>           Memphis, TN 38118<br/>           (901) 396-9707 (office) (901) 396-9708 (fax)<br/>           877-359-8241         </p> </div> <p> <b>N1230Z                      S/N:E-2875</b><br/>           Removed left magneto PN 6310 SN94100305 installed new magneto PN 6310 SN 10110545.<br/>           Removed right magneto PN 6310 SN 94100304 installed new magneto PN 6310 SN 10110546 in<br/>           ref to IO 550 LMM 12-3. Ops and leak check okay at this time.-----END-----<br/> <div style="text-align: center;"> <b>Maintenance Release</b><br/>           The work identified above was performed and inspected in accordance<br/>           with current Federal Aviation Regulations and was found airworthy for<br/>           return to service. Pertinent details are on file under <u>work order</u>:MEM99<br/> <b>Hobbs:2013.3      Date: 4/21/2011</b><br/>           Signed: _____<br/>           Certified Repair Station #21TD987Y         </div> </p> |



THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**ENGINE  
MAINTENANCE  
RECORDS**





## ENGINE MAINTENANCE RECORDS

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

Aircraft Registration No. N1230Z

Engine Manufacturer TCM

Model IO-550B

Serial No. 682157

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) 1700 Hours

If used on multi-engine aircraft:

- |                                |                               |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



(All applicable information must be filled in)

**AEROTECH PUBLICATIONS INC.**

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

©2000 Aerotech Publications, Inc.

POWERMASTER  
AIRCRAFT ENGINES

9027 S. Airport Way  
Jones/Riverside Airport  
Tulsa OK 74132  
918-299-0269  
FAA CRS # P46R287Y

Engine Overhaul Record

Engine Make: Continental

Model: IO-550B

Serial Number: 682157

PAE Work Order # 110719-1

Date of Overhaul: 7-19-2011

Total Time: 1974.0 TSMOH-"0"

This entry certifies that this engine has been overhauled to manufacturers new part tolerances. This engine was disassembled, cleaned, inspected, overhauled and tested in accordance with TCM manual # X30568A. New parts count exceeds that set forth in TCM Service Bulletin 97-6, Mandatory Replacement Parts. All AD's have been complied with.

The following accessories were overhauled and installed on this engine at the time of overhaul:

| Component           | Part Number           | Serial Number |
|---------------------|-----------------------|---------------|
| LH Magneto:         | 10-349350-4           | F11CA100R     |
| RH Magneto:         | 10-349350-5           | F11AA217R     |
| Fuel Pump:          | FT-B8.5/1-632818-2-11 | 151           |
| Fuel Controller:    | FT-B8.5/1-442         | J199415A      |
| Manifold Valve:     | 646508-6A-10M         | J189412C      |
| Oil Cooler:         | 635996                | DRK115347     |
| Starter:            | 646275-1              | H-L051466     |
| Vacuum Pump:        | AA3216CW              | N55656        |
| Turbocharger:       | 406610-9029           | ner00108      |
| Wastegate:          | 470908-9011           | j10204        |
| APC:                | 470688-9005           | AKN10104      |
| PRV:                | 470930-9004           | GJ000446      |
| Prop Governor:      | C290D3K/T23           | 930826        |
| Alternator:         | 649304R               | F039318.0R    |
| Alt Drive Coupling: | 646655                | DRK111293     |
| Standby Generator:  | EM8007                | 1536          |
| Vacuum Pump:        | AA3216CW              | 15101-20      |

Engine utilizes specialized components for Tornado Alley Turbo System. Service accordingly.

ECI Titan Nickel Cylinders installed: SN-77020-02, 77020-06, 76593-21, 76981-23, 76626-02, 77020-12.  
Hydraulic Lifter Assemblies, PN-628488 (6) & PN-653877 (6) installed.

The engine and accessories identified above were inspected and overhauled in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Details of this overhaul are on file at this repair station under Work Order # 110719-1

Signature

William R. Cunningham  
FAA CRS #P46R287Y

SUB-TOTALS this page

TOTALS-Carry forward to next page

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

POWERMASTER  
AIRCRAFT ENGINES

9027 S. Airport Way  
Jones/Riverside Airport  
Tulsa OK 74132  
918-299-0269  
FAA CRS # P46R287Y

Engine Installation Log Entry

Date: 7-19-2011  
N1230Z SN: E-2875  
IO-550B-TN SN: 682157  
Hobbs Time 2020.9  
TT-AF and Engine 2020.9  
TSMOH "0"

Installed engine after major overhaul per Beech Maintenance Manual and Tornado Alley Turbo Installation Instructions.  
Made all necessary connections and rigged controls. During installation the following new parts were installed:  
4 each J-10520 Lord engine mounts.  
Engine fuel and oil pressure hoses.  
Replaced all TAT intake ducts.  
Installed exhaust system after overhaul by Tornado Alley Turbo on WO#27959.  
Installed propeller after overhaul by Fosters Propeller Service on WO#6943.  
Installed new left and right prop de-ice brush set, PN-C-40256-1 & -2.  
Cleaned and pressure tested intercooler.  
Installed 3 each new JPI EGT probes.  
Serviced engine with 10 QTS Phillips 20W50 oil.  
Engine test ran and leak checked.  
Set turbo controller and fuel system per Tornado Alley Turbo specifications.  
Installed cowling.

William R. Cunningham  
AP441723808IA

Date: 7-19-2011  
N1230Z SN-2875  
IO-550B SN-682157  
Hobbs Time 2020.9

Performed compression test after overhaul to satisfy the discrepancy list provided 05-11-2011 on N1230Z.  
1-78/80, 2-79/8-, 3-79/80, 4-78/80, 5-79/80, 6-79/80.  
Aircraft is now airworthy per its annual inspection on 05-11-2011.

William R. Cunningham  
AP441723808IA

SUB-TOTALS this page

TOTALS-Carry forward to next page



| DATE      | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                                                                                                                                                                    |
|-----------|-----------------------|---------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                       |                           |                              | TOTALS brought forward from previous page                                                                                                                                                                                                                                                                                                                                                                                                                  |
|           |                       |                           |                              | I certify that this <u>ENGINE</u> has been inspected in accordance with <u>100 HR</u> inspection and was determined to be in air worthy condition. Date <u>24 MAY 2012</u><br>Tach Time <u>2139.5</u> Total Time <u>5116.6</u><br>A & P or IA No. <u>1751754</u><br><u>Samuel Paul</u>                                                                                                                                                                     |
| 105B0712  | 143.0                 | 2165.9                    |                              | DRAINED OIL INSTALLED NEW FILTER CH48109-1 RESERVICED WITH 12qt PHILLIP 20W50XC OIL TOOK SAMPLE, Ground RUN NO LEAKS NOTED<br><u>Samuel Paul A&amp;P 1751754</u>                                                                                                                                                                                                                                                                                           |
| 20 May 13 | 180.7                 | 2203.6                    |                              | DRAIN OIL INSTALLED NEW FILTER CH48109-1 RESERVICED WITH 12qt PHILLIP 20W50XC OIL TOOK SAMPLE Ground Run NO LEAKS NOTED                                                                                                                                                                                                                                                                                                                                    |
| 14 Jun 13 | 2182.0                | 208.0                     | 2228.9                       | 1. DRAIN OIL INSTALLED NEW FILTER CH48109-1 RESERVICED WITH 12qt PHILLIPS 20W50XC OIL TOOK SAMPLE<br>2. CLEAN & CHECKED ALL SPARK PLUG.<br>3. CHECKED ENGINE TO MAGNETO TIMING.<br>4. CLEANED FUEL INJECTOR CONTROL SCREEN<br>5. CLEANED ALL FUEL INJECTORS<br>6. COMPLETED COMPRESSION CHECK #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$ #5 $\frac{75}{80}$ #6 $\frac{76}{80}$<br>7. AD'S CHECKED THRU 2013-10 SDR AD LOG |
|           |                       |                           |                              | SUB-TOTALS this page                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|           |                       |                           |                              | TOTALS-Carry forward to next page                                                                                                                                                                                                                                                                                                                                                                                                                          |

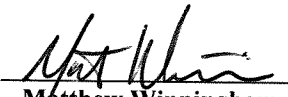
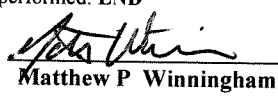
| DATE      | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                  |
|-----------|-----------------------|---------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                       |                           |                              | TOTALS brought forward from previous page                                                                                                                                                                                                                                                                |
|           |                       |                           |                              | 8. WASHED BOTTOM SIDE OF ENGINE<br>9. Ground Run checked normal & NO LEAKS NOTED                                                                                                                                                                                                                         |
|           |                       |                           |                              | I certify that this <u>ENGINE</u> has been inspected in accordance with <u>100 HR</u> inspection and was determined to be in air worthy condition. Date <u>14 June 13</u><br>Tach Time <u>2228.9</u> Total Time <u>2182.0</u> TSMOH <u>208.0</u><br>A & P or IA No. <u>1751754</u><br><u>Samuel Paul</u> |
| 01 Oct 13 | 2204.9                | 230.9                     | 2251.6                       | DRAIN OIL INSTALLED NEW FILTER CH48109-1 RESERVICED WITH 12qt PHILLIP XC 20W50 OIL. TOOK SAMPLE, Ground Run NO LEAKS NOTED <u>Samuel Paul A&amp;P 1751754</u>                                                                                                                                            |
| 21 Nov 14 | 2231.0                | 257.0                     | 2277.9                       | DRAINED OIL INSTALLED NEW FILTER CH48109-1 RESERVICED WITH 12qt PHILLIP XC 20W50 OIL TOOK SAMPLE Ground Run NO LEAKS NOTED <u>Samuel Paul A&amp;P 1751754</u>                                                                                                                                            |
| 2 Jun 14  | 2259.3                | 285.3                     | 2306.2                       | 1. DRAINED OIL INSTALLED NEW FILTER CH48109-1 RESERVICED WITH 12qt PHILLIP XC 20W50 OIL TOOK SAMPLE<br>2. CLEANED & CHECKED ALL SPARK PLUGS                                                                                                                                                              |
|           |                       |                           |                              | SUB-TOTALS this page (Con't)                                                                                                                                                                                                                                                                             |
|           |                       |                           |                              | TOTALS-Carry forward to next page                                                                                                                                                                                                                                                                        |

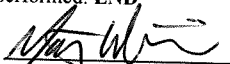
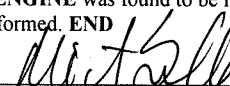
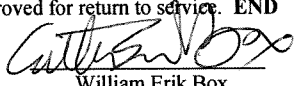


| DATE      | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                 |
|-----------|-----------------------|---------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                       |                           |                              | TOTALS brought forward from previous page                                                                                                                                                                                                                                                               |
|           |                       |                           |                              | 3. CHECKED ENGINE TO MAGNETO TIMING                                                                                                                                                                                                                                                                     |
|           |                       |                           |                              | 4. CLEAN FUEL INJECTION FUEL SCREEN                                                                                                                                                                                                                                                                     |
|           |                       |                           |                              | 5. CLEANED ALL FUEL INJECTORS                                                                                                                                                                                                                                                                           |
|           |                       |                           |                              | 6. COMPLETED COMPRESSION CHECK #1 $\frac{78}{80}$ #2 $\frac{78}{80}$<br>#3 $\frac{76}{80}$ #4 $\frac{77}{80}$ #5 $\frac{76}{80}$ #6 $\frac{76}{80}$                                                                                                                                                     |
|           |                       |                           |                              | 7. REPAIRED AIR Baffle TO RIGHT SIDE OF ENGINE                                                                                                                                                                                                                                                          |
|           |                       |                           |                              | 8. WASHED ENGINE                                                                                                                                                                                                                                                                                        |
|           |                       |                           |                              | 9. LUBED ENGINE CONTROLS                                                                                                                                                                                                                                                                                |
|           |                       |                           |                              | 10. AD'S CHECKED THRU SKED LOG.                                                                                                                                                                                                                                                                         |
|           |                       |                           |                              | 11. TEMPORARY REPAIRED AIR INTAKE TUBES                                                                                                                                                                                                                                                                 |
|           |                       |                           |                              | 12. GROUND RUN NO LEAKS NOTED                                                                                                                                                                                                                                                                           |
|           |                       |                           |                              | I certify that this <u>ENGINE</u> has<br>been inspected in accordance with <u>100HR</u><br>inspection and was determined to be in<br>air worthy condition. Date <u>2 SEP 14</u><br>Tach Time <u>2306.2</u> Total Time <u>2259.3</u> TSMOH <u>285.3</u><br>A & P No. <u>1751754</u><br><u>Sam O'Park</u> |
| 23 SEP 14 | 2285.3                | 311.2                     | 9332.2                       | DRAINED OIL INSTALLED NEW FILTER CH 48109-1<br>RESERVICED WITH 12qt PHILLIPS XC 20W 50 OIL<br>TOOK OIL SAMPLE, REPLACED EGT PROBES<br>#3 CYLINDER ON GEN 2870 GROUND RUN NO<br>LEAKS NOTED<br><u>Sam O'Park ADP 1751754</u>                                                                             |
|           |                       |                           |                              | SUB-TOTALS this page                                                                                                                                                                                                                                                                                    |
|           |                       |                           |                              | TOTALS-Carry forward to next page                                                                                                                                                                                                                                                                       |

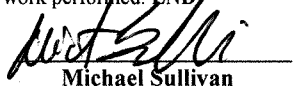
| DATE      | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                                                                                                                                                                        |
|-----------|-----------------------|---------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                       |                           |                              | TOTALS brought forward from previous page                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 10 FEB 15 | 2307.4                | 333.4                     | 2354.3                       | DRAINED OIL, INSTALLED NEW FILTER CH 48109-1<br>RESERVICED WITH 12qt PHILLIPS XC 20W 50 OIL<br>TOOK SAMPLES, GROUND RUN NO LEAKS NOTED<br><u>Sam O'Park ADP 1751754</u>                                                                                                                                                                                                                                                                                        |
|           |                       |                           |                              | APRIL 10, 2015 N 1230Z S/N E 2875<br>REMOVED PROP & REPLACED C/S SEAL 641250.<br>INSTALLED NEW O-RING A 1633-3 & REINSTALLED<br>PROP. TORQUED. RAN UP, NO LEAK NOTED<br><u>Jamie H Jones A&amp;P 3061232</u><br>4/11/2015 - Test flight after 2nd install of C/S Seal<br>No leaks all systems operative &<br>blow 0.7 hrs - slow flight climbs, descends w/o approach<br>No engine or aircraft squawks - OK to fly.<br>Pilot/owner 2120142 <u>Jim H. H. H.</u> |
|           |                       |                           |                              | 90.1                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 17 JUN 15 | 2339.4                | 365.4                     | 2386.3                       | DRAINED OIL INSTALLED NEW FILTER CH 48109-1<br>RESERVICED WITH 12qt PHILLIPS XC 20W 50 OIL<br>TOOK OIL SAMPLE,<br>2. CLEANED & CHECKED ALL SPARK PLUGS<br>3. COMPLETED COMPRESSION CHECK #1 $\frac{78}{80}$<br>#2 $\frac{76}{80}$ #3 $\frac{78}{80}$ #4 $\frac{76}{80}$ #5 $\frac{78}{80}$ #6 $\frac{76}{80}$<br>4. CHECKED ENGINE TO MAGNETO TIMING<br>5. CLEAN FUEL INJECTION FUEL SCREEN                                                                    |
|           |                       |                           |                              | SUB-TOTALS this page (Con't)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|           |                       |                           |                              | TOTALS-Carry forward to next page                                                                                                                                                                                                                                                                                                                                                                                                                              |

| DATE       | TOTAL<br>TIME<br>IN<br>SERVICE | TOTAL<br>TIME<br>SINCE<br>OVERHAUL | TACH OR<br>RECORDING<br>METER<br>TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                         |
|------------|--------------------------------|------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015       |                                |                                    |                                       |                                                                                                                                                                                                                                                                                                 |
| 17 July 15 | 2339.4                         | 365.4                              | 2386.3                                | TOTALS brought forward from previous page                                                                                                                                                                                                                                                       |
|            |                                |                                    |                                       | 6. CLEANED ALL FUEL INJECTORS                                                                                                                                                                                                                                                                   |
|            |                                |                                    |                                       | 7. WASHED ENGINE                                                                                                                                                                                                                                                                                |
|            |                                |                                    |                                       | 8. LUBED ENGINE CONTROLS                                                                                                                                                                                                                                                                        |
|            |                                |                                    |                                       | 9. REPLACED ENGINE OIL TEMP. Bulbs MS 28634-1                                                                                                                                                                                                                                                   |
|            |                                |                                    |                                       | 10. AD'S CHECKED Thru 2015-12 SER AD LOG.                                                                                                                                                                                                                                                       |
|            |                                |                                    |                                       | 11 Ground run no leaks noted                                                                                                                                                                                                                                                                    |
|            |                                |                                    |                                       | I certify that this <u>ENGINE</u> has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in air worthy condition. Date <u>17 July 15</u> Tach Time <u>2386.3</u> Total Time <u>2339.4</u> TSMOH <u>365.4</u> A & Port No. <u>1751754</u><br><i>[Signature]</i> |
| 29 Feb 16  | 2361.3                         | 387.3                              | 2408.2                                | OILMAN OIL INSTALLED NEW FILTER CH 46109-1 RE serviced WITH 12QT PHILLIPS XC 20W50 OIL TOOK SAMPLES, REPLACED EXHAUST CLAMP. PN. 00624-44 04C 375 MT To comply with AD 01-08-08 NEXT REPLACEMENT DUE AT 2808.2 ACFT. hrs. Ground Run NO Leaks NOTED <i>[Signature]</i> ADP 1751754              |
|            |                                |                                    |                                       | SUB-TOTALS this page                                                                                                                                                                                                                                                                            |
|            |                                |                                    |                                       | TOTALS-Carry forward to next page                                                                                                                                                                                                                                                               |

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------|------------------------------|-----------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                           |                              | <b>TOTALS</b> brought forward from previous page                                        |
| <p>Columbus Aero Service LLC 706-573-5699 Date: 8-9-2016</p> <p>N1230Z SN:E-2875 Tach:NA HM:2448.7 TTAF:2448.7 Engine SN: 682157 SMOH: 427.8 Propeller SN: 940932 SMOH:427.8-----end-----</p> <p>Preformed annual inspection of engine. Compression check as follows: CYL. 1- 80/75, 2- 80/76, 3- 80/76, 4- 80/75, 5- 80/77, and 6- 80/76. Removed and replaced sparkplugs. Removed, cleaned, and reinstalled, with new seals, fuel injectors. Removed and drained oil and oil filter. Cut open and inspect oil filter, no metal noted. Serviced with 12 Quarts Phillips X/C 20W 50 oil. Leak checked intake and exhaust system. No leaks noted. Replaced several leaking rocker box gaskets. Inspected entire exhaust system for leaks all checked satisfactory. I certify that this engine has been inspected IAW an Annual inspection and is determined to be in airworthy condition at this time-----end-----</p> <p>Robert Boehnlein A&amp;P3561815 IA: </p>                                                                           |                       |                           |                              |                                                                                         |
| <p><b>February 23, 2017 N1230Z Hobbs: 2476.8</b></p> <p>Performed engine run and magneto check with excessive magneto drop on right hand magneto. Removed <b>LH Magneto</b> (P/N: 10-349350-4) (S/N: F11CA100R) and <b>RH Magneto</b> (P/N: 10-349350-5) (S/N: F1144217R) for 500 Hour Inspection and repair. Inspections and repair performed by Kelly Aerospace Energy Systems see 8130-3 ref. Work Orders KES1702-323 and KES1702-324. Reinstalled magnetos with new <b>Gaskets</b> (P/N: 649954). Timed magnetos, reinstalled #1 cylinder spark plugs and leads. Performed engine run, operational and leak checks complied with, no defects noted at this time. All maintenance performed in accordance with the manufacturers' maintenance manual and the AC 43.13. This <b>ENGINE</b> is found to be in an airworthy condition, and is approved for return to service for work performed. <b>END</b></p> <p style="text-align: center;"> <br/> <b>Matthew Winningham</b><br/> <b>AP3771888</b><br/> <b>Box Aviation, Inc.</b> </p> |                       |                           |                              |                                                                                         |
| <p><b>August 22, 2017 N1230Z Hobbs: 2520.1</b></p> <ol style="list-style-type: none"> <li>1. Ran engine, drained oil and removed filter.</li> <li>2. Cut open and inspected filter with no defects noted.</li> <li>3. Replaced <b>Oil Filter</b> with new Tempest (P/N: AA48109).</li> <li>4. Serviced with 11 quarts of Phillips 66 (P/N: 20W-50).</li> </ol> <p>Leak checks performed with no defects noted at this time. All maintenance performed in accordance with the manufacturer's maintenance manual and the AC 43.13. I certify this <b>ENGINE</b> was found to be in an airworthy condition and is approved for return to service for the work performed. <b>END</b></p> <p style="text-align: center;"> <br/> <b>Matthew P. Winningham</b><br/> <b>AP 3771888</b><br/> <b>Box Aviation, Inc.</b> </p>                                                                                                                                                                                                                        |                       |                           |                              |                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                           |                              | <b>SUB-TOTALS</b> this page                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                           |                              | <b>TOTALS</b> -Carry forward to next page                                               |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------|-----------------------|---------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                       |                           |                              | <b>TOTALS</b> brought forward from previous page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|      |                       |                           |                              | <b>January 19, 2018 N1230Z S/N: E-2875</b><br><br>1. Ran engine, drained oil and removed filter.<br>2. Cut open and inspected filter with no defects noted.<br>3. Replaced <b>Oil Filter</b> with new Tempest (P/N: AA48109).<br>4. Serviced with 11 quarts of Phillips 66 (P/N: 20W-50).<br>Leak checks performed with no defects noted at this time. All maintenance performed in accordance with the manufacturer's maintenance manual and the AC 43.13. I certify this <b>ENGINE</b> was found to be in an airworthy condition and is approved for return to service for the work performed. <b>END</b><br><br><br><b>Matthew P. Winningham</b><br>AP 3771888<br>Box Aviation, Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|      |                       |                           |                              | <b>August 1, 2018 N1230Z S/N: E-2875 Tach: 161.3 Hobbs: <del>187.6</del> <sup>M/W</sup> 2575.4</b><br><br>1. Ran engine, drained oil and removed filter.<br>2. Cut open and inspected filter with no defects noted.<br>3. Replaced <b>Oil Filter</b> with new Tempest (P/N: AA48109).<br>4. Serviced with 11 quarts of Phillips 66 (P/N: 20W-50).<br>Leak checks performed with no defects noted at this time. All maintenance performed in accordance with the manufacturer's maintenance manual and the AC 43.13. I certify this <b>ENGINE</b> was found to be in an airworthy condition and is approved for return to service for the work performed. <b>END</b><br><br><br><b>Michael Sullivan</b><br>AP 3103992<br>Box Aviation, Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|      |                       |                           |                              | <b>August 28, 2018 N1230Z ACFT SN: E-2875 Hobbs: 2576.9 Continental IO-520-B (29) S/N: 682157 ETT: 2530.0 SMOH: 556.0</b><br>Complied with <b>Annual Inspection</b> in accordance with the manufacture's maintenance manual and FAR 43 appendix D.<br><br>1. Ran engine, drained engine oil, cut open filter and inspected - no discrepancies noted. Replaced <b>Oil Filter</b> with new Tempest (AA48109).<br>2. Serviced <b>Engine Oil</b> with 11 quarts of Phillips 66 X/C (P/N: 20W50).<br>3. Performed compression checks, Orifice of the Day 68/80. #1 78/80, #2 78/80, #3 77/80, # 4 76/80, #5 79/80, #6 75/80.<br>4. Replaced #4 Cylinder Top <b>Spark Plug</b> with new Tempest (P/N: URHB32E). Removed, cleaned, inspected, gapped and reinstalled remaining <b>Spark Plugs</b> .<br>5. Verified Engine to Magneto <b>Timing</b> .<br><br>Ran engine, operational and leak check performed with no defects at this time. All previous ADs complied with. Logbook research found no discrepancies. I certify this <b>ENGINE</b> was inspected in accordance with an Annual Inspection, found to be in an airworthy condition, and is approved for return to service. <b>END</b><br><br><br><b>William Erik Box</b><br>AP3554514IA<br>Box Aviation, Inc. |

|  |  |  |                                           |
|--|--|--|-------------------------------------------|
|  |  |  | <b>SUB-TOTALS</b> this page               |
|  |  |  | <b>TOTALS</b> -Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------|-----------------------|---------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                       |                           |                              | <b>TOTALS</b> brought forward from previous page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|      |                       |                           |                              | <b>September 4, 2018 N1230Z S/N: E-2875 Hobbs: 2577.9</b><br><br>1. Replaced #6 Cylinder <b>EGT Probe</b> with new JPI EDM Option (P/N: M-111).<br><br>Operational checks performed with no defects noted at this time. All maintenance performed in accordance with the manufacturer's maintenance manual and the AC 43.13. I certify this <b>AIRFRAME</b> was found to be in an airworthy condition and is approved for return to service for the work performed. <b>END</b><br><br><br><b>Michael Sullivan</b><br>AP3103992<br>Box Aviation, Inc.                                                                                                                                             |
|      |                       |                           |                              | <b>March 26, 2019 N1230Z Hobbs: 2605.5 Tach: 2686.0</b><br><br>1. Ran engine, drained oil and removed filter.<br>2. Cut open and inspected filter with no defects noted.<br>3. Replaced <b>Oil Filter</b> with new Tempest (P/N: AA48109).<br>4. Serviced with 11 quarts of Phillips 66 (P/N: 20W-50).<br>Leak checks performed with no defects noted at this time. All maintenance performed in accordance with the manufacturer's maintenance manual and the AC 43.13. I certify this <b>ENGINE</b> was found to be in an airworthy condition and is approved for return to service for the work performed. <b>END</b><br><br><br><b>Michael Sullivan</b><br>AP 3103992<br>Box Aviation, Inc. |
|      |                       |                           |                              | <b>May 14, 2019 N1230Z Tach: 2290.2 Hobbs: 2610.7</b><br><br>1. Adjust EDM JPI Hobbs to reflect current time and adjusted Tach time to reflect current time based on logbook research.<br><br>All maintenance performed in accordance with the manufacturer's maintenance manual and the AC 43.13. I certify this <b>AIRFRAME</b> was found to be in an airworthy condition and is approved for return to service for the work performed. <b>END</b><br><br><br><b>Matthew Winningham</b><br>AP3771888<br>Box Aviation, Inc.                                                                                                                                                                   |

|  |  |  |                                           |
|--|--|--|-------------------------------------------|
|  |  |  | <b>SUB-TOTALS</b> this page               |
|  |  |  | <b>TOTALS</b> -Carry forward to next page |



# Superior Aero Ser

Make: BEECH  
Date: 04/10/20

## Engine Log

-Adjusted idle RPM to

I certify this engine is performed.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                  |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------|
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           | Textron Aviation Inc. (PC4)<br>Textron Aviation Inc.<br>1 Cessna Blvd, Wichita, KS 67215 |                                                                                                                                                                                                                                                                                                                                                                                                              | 3131139                                                                                          |                       |
| 6 Item<br>50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7 Description<br>TRANZORB | 8 Part Number<br>1.5KE51CA                                                               | 9 Quantity<br>5                                                                                                                                                                                                                                                                                                                                                                                              | 10 Serial Number<br>N/A                                                                          | 11 Status Work<br>New |
| 12 Remarks<br>AUTHORIZED RELEASE DOCUMENT<br>PO#: 3828                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                  |                       |
| 13a Certifies the items identified above were manufactured in conformity to:<br><input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation<br><input type="checkbox"/> Non-approved design data specified in Block 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                                                                                          | 13b <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12<br>Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. |                                                                                                  |                       |
| 13b Authorized Signature<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           | 13c Approval Authorization No.<br>PC4                                                    |                                                                                                                                                                                                                                                                                                                                                                                                              | 14a Authorized Signature<br>                                                                     |                       |
| 13d Name (Typed or Printed)<br>JENNIFER FISHER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           | 13e Date (dd mm/yyyy)<br>04/Jun/2018                                                     |                                                                                                                                                                                                                                                                                                                                                                                                              | 14c Approval Certificate No.<br><br>14d Name (Typed or Printed)<br><br>14e Date (dd mm/yyyy)<br> |                       |
| User/Installer Responsibilities<br>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine propeller article.<br>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s) propeller(s) article(s) from the airworthiness authority of the country specified in Block 1.<br>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.<br>FAA Form 8130-3 (02-14) NSN 0052-000-012-9605 |                           |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                  |                       |

ton, NC 27292 RK

g. No.: N1230Z  
Time: 2330.60

S/N: 682157  
SOH: 621.2

work

5-8-2020

HOBBS = 2679.7 665.2 = SMOH

TACH = 2374.1

DRAINED ENGINE OIL. INSTALLED NEW TEMPEST AA48109  
OIL FILTER, FILLED WITH 9 QTS PHILLIPS X-COUNTRY  
20W50. OWNER/PILOT ZB16023

5-8-2020

HOBBS = 2679.7 665.2 = SMOH

TACH = 2374.1

REPLACED #4 CHT PROBE WITH JPI P/N 10-18500  
S/N 122867. REPLACED #3 CHT PROBE WITH JPI  
P/N 122867 S/N 79650.

SUB-TOTALS this page

TOTALS-Carry forward to next page



**LUBBOCK AERO**

6304 N. Cedar Ave., Lubbock, TX 79403

Date: Dec 11, 2020 N#: 1230Z

S/N: 682157 Hobbs: 2788.4

Make: TCM

ETT: 2741.5

Model: IO-550B-TN

SMOH: 767.5

C/W engine 100 hour IAW FAR 43 appendix D.

C/W AD 2001-08-08 (6-7-01) Exhaust V Band clamp replacement with new clamp, p/n: 11-11000035. Next due @ ETT: 3741.5

AD 2016-16-12, (9-15-2016) Continental Motors Inc. (CMI)/(TCM), Engine Components International, (ECI), cylinder assy. failure. DOES NOT APPLY by cylinders serial numbers.

AD 2020-16-11 (09-21-20) Inspection and modification of cylinder assembly due as per TCM SB18-08A (01-11-2019). DOES NOT APPLY by cylinder manufacture. ECI Titan cylinders installed.

C/W ICA: Tornado Alley Turbo 50 hour / 100 hour and 3 Year Inspection's / Checks. Next 50 due @ ETT: 2791.5. Next 100 hour due @ ETT: 2841.5. Next 3 year due Dec 2023.

Removed Exhaust cross-over muffler. 3 Year inspection checked good this date. Reinstalled cross-over muffler.

Compression check #1) 70/80 #2) 64/80 #3) 71/80 #4) 62/80 #5) 79/80 #6) 70/80.

Drained oil, removed filter, inspected filter media, installed a new filter p/n: AA48109, and serviced engine with 11 quarts Phillips 20W50 XC oil.

Removed, inspected, cleaned, gapped, tested and re-installed spark plugs with new gaskets, p/n: M674. --Inspected spark plug leads. --Checked magneto timing and adjusted left magneto timing to 22 deg. --Inspected magneto points, no defects noted. --Removed, inspected, cleaned and reinstalled throttle body screen. --Removed, cleaned, inspected, and installed fuel nozzles. --Inspected and cleaned air filter, p/n: P137627. --Lubricated all engine controls and wastegate. -

- Washed engine and engine cowl.

Oil sample taken mid-stream while draining oil, paperwork filled out and mailed to Aviation Laboratories.

Waste gate actuator, removed oil pressure and return hose fittings, cleaned, inspected and replaced oring seals. Installed positioned and tightened hoses.

Replaced intake cross-over tube, p/n: ETI-B-202A-3A and spacer hose.

I certify that this engine has been inspected IAW a 100 hour / annual inspection and was determined to be in airworthy condition.

*Monty Conn*

Monty Conn AP41896141A

N# 12302 DATE 4/16/2021AIRCRAFT S/N 2875<sup>Hobbs</sup>  
ENG TIME 2839.2 TOTAL HRS 818.3Drained oil, removed filter. Cut filter open and checked for metal, no metal found. Installed new Tempest AA48109 oil filter and serviced with 10 quarts Phillips X-Country 20w-50 oil. Ran up and checked for leaks, no leaks found.*[Signature]* 2816023

SUB-TOTALS this page

TOTALS-Carry forward to next page

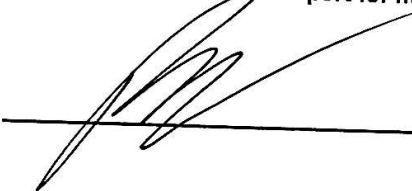


| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED —<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|-----------------------|---------------------------|------------------------------|------------------------------------------------------------------------------------------|
|      |                       |                           |                              | <b>TOTALS</b> brought forward from previous page                                         |

432-788-7137 FLYTEX AVIATION, LLC Seminole TX 79360

N1230Z 12-8-22 Tach 3060.0 TSMOH 1039.1

Performed annual inspection on engine. Performed compression check #1/77 #2/68 #3/76 #4/77 #5/73 #6/67. Inspected and timed mags. Installed new air filter. Drained engine oil and removed and inspected oil filter with no defects noted. Serviced with Phillips 20W-50 oil and new oil filter CH48109-2. C/W ICA Tornado alloy turbo 50/100Hr inspection with no defects noted. Inspected exhaust with no defects noted. 3 yr exhaust and turbo inspection due 2023. Removed prop and Reinstalled prop IAW Mccauley maint manual. Ground runs C/W no defects noted. ADs complied with to this date using Tdata see AD Report for more info. I certify this engine to be airworthy and return to service.

 Jonathan Siemens, A&P IA 3288274

N# 12302 DATE 12-15-2021

AIRCRAFT S/N 2875

ENG TIME 2939.2 TOTAL HRS 918.3 <sup>TSMOH</sup>

Drained oil, removed filter. Cut filter open and checked for metal, no metal found. Installed new Tempest AA48109 oil filter and serviced with 10 quarts Phillips X-Country 20w-50 oil. Ran up and checked for leaks, no leaks found.

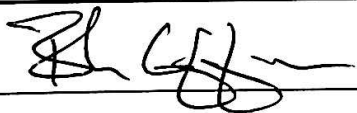


N# 12302 DATE 04/29/22

AIRCRAFT S/N 2875

ENG TIME 2987.9 TOTAL HRS 974 <sup>TSMOH</sup>

Drained oil, removed filter. Cut filter open and checked for metal, no metal found. Installed new Tempest AA48109 oil filter and serviced with 10 quarts Phillips X-Country 20w-50 oil. Ran up and checked for leaks, no leaks found.



N# 12302 DATE 9/18/22

AIRCRAFT S/N 2875

ENG TIME 3037.9 TOTAL HRS 1024

Drained oil, removed filter. Cut filter open and checked for metal, no metal found. Installed new Tempest AA48109 and serviced with 10 quarts Phillips X-Country 20-50 oil. Ran up and checked for leaks, no leaks found.



s page

ward to next page

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|-----------------------|---------------------------|------------------------------|-----------------------------------------------------------------------------------------|
|      |                       |                           |                              | <b>TOTALS</b> brought forward from previous page                                        |

# Precision Aviation Maintenance, Inc

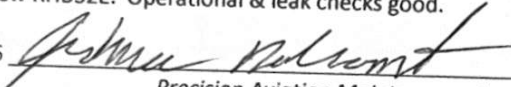
Reg #: **N1230Z**  
SN: E-2875

03/05/2024

Tach: 2909.4

Drained oil and removed filter. Cut open and inspected; no defects noted. Installed new CH48109-1 and serviced with 11qts Aeroshell 100 Mineral Oil. Troubleshoot excessive mag drop on RH Mag. Verified proper magneto to engine timing, verified proper operation of spark plug leads. Cleaned, gapped, and inspected spark plugs. Found plug in #6 cylinder not firing. Removed and replaced with new RHB32E. Operational & leak checks good.

Joshua Holcomb A&P 3962116

  
Precision Aviation Maintenance, Inc  
472 Highway 25 Jerome, ID 83338

Registration: N1230Z

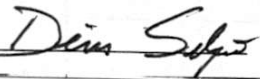
Date: 11/16/2024

Model: IO-550-B

S/N: 682157

Drained engine oil, removed oil filter, cut and inspected for metal contamination. Filter element normal. Installed and secured new Tempest AA48109-2 filter and serviced engine with 11 Quarts Phillips XC 20W50. Ground run-up performed with no leaks noted. All operations and indications normal.

SIGNATURE: Denis Suljevic



Engine Log

Tach: 2932.2

Certificate Number: 3574709

wo: 0125180

Engine Annual/100 Hr - page 1 of 1



Precision Aviation Maintenance Inc · 472 STATE HIGHWAY 25 HNGR 7 · Jerome, ID 83338 · 208-320-0213

**N1230Z**

AFTT: 3178.1

TACH: 2938.3

**BEECH, A36, S/N: E-2875**

EngTT: 3131.2

Hobbs: 3178.1

**January 31, 2025**

PropTT: 3177.2

1. Completed Engine Annual Inspection IRT Hawker Beechcraft Bonanza 100 Hr or Annual Long Form Inspection Guide. Removed, cleaned, gapped, inspected, tested, rotated, and reinstalled spark plugs using new gaskets. Engine Compressions are as follows: Cyl #1: 75/80, #2: 72/80, #3: 74/80, #4: 65/80, #5: 73/80, #6: 79/80, Master Orifice: 47/80. Installed (12) P/N M674 - Spark Plug Gasket, Installed P/N 649983 - TCM Gasket.
2. ADs checked through BW 2024-26.
3. Adjusted both Magnetos' to engine timing to 22 degrees BTDC as per engine data plate.
4. Adjusted High and Low pressures on the engine driven fuel pump as needed for proper operation. Verified mixture and the rest of the engine fuel setup for proper operation IRT Continental Engines SID 97-3G and TATurbo Doc 35-6460001. OPs and leak check good.

I certify this Engine has been inspected in accordance with a(n) Annual / 100 Hr Inspection and has been determined to be in airworthy condition.

*Times calculated off Hobbs as best as possible.*

D. Greg Beal A & P, IA 2613300



**SUB-TOTALS** this page

**TOTALS**-Carry forward to next page

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

TOTALS brought forward from previous page



Thoroughbred Aviation Maintenance, Inc.  
CRS: R81R199Y  
Engine

Date: 01/26/2024  
A/C: N1230Z  
Eng.: IO-550-B 29  
Prop: McCauley D3A32C409-C

A/C Type: Beechcraft A36  
A/C S/N: E2875  
Eng. S/N: 682157  
Prop S/N: 940932

WO: 233605 & 233608  
Hobbs: 3140.9  
Tach: 2892.3  
Prop TT: 3140.0  
Eng. TT: 3094.0  
Eng. TSMOH: 1120.0  
Prop TSMOH: 1120.0

1. Compression Cks. after Engine run-up; MO 42/80: #1: 63, #2: 7, #3: 63, #4: 27, #5: 66 & #6: 52.
2. Found Cracks in the upper spark plug areas in Cylinders, #3, #5 & #6. #1 & #4 had possible cracks; further inspection is required. Cylinders #1, #2 & #4 were returned to the customer.
3. All Six Cylinders were Replaced with New Cylinder Assy's provided by the customer. P/N: SA52006-A23P.
4. Removed & Reinstalled Mags after they returned from the Mag Shop for their 500Hr. INSP. Timed to the Eng. Ops. ck. good. **Next due @ 3392.3 Tach Time.**
5. Removed & Replaced with new, Turbo V-Band Clamp IAW TAT ICA 400Hr. TIS requirements. **Next Due at Tach 3292.3.** P/N: 11-1100035 RCT 25903.
6. Removed & Replaced Flexible Turbo Sys. Fluid Carrying Lines Per TAT ICA 10yr. replacement interval. **Next Due Jan2034.** P/N: TAT Hose Kit 10yr. 3 hoses fabricated by hose shop, PO#: P19526.
7. Crossover Heat Exchange 3yr. Insp C/W. **Next Due 4DEC26.**
8. Removed & Replaced marred hardware found on the AC compressor pulley & Tensioner. Installed New Belt for AC Compressor, P/N: 657970.
9. Replaced Turbo oil supply line gasket due to leak, P/N: 652100.
10. Replaced Alternator Gasket, Starter Packing, Oil Dipstick Gasket & Packings & Tach Gen Gasket, P/N's: 653981, AS3578-038, 649965, MS9970-116, MS9970-117 & AS3491-01.
11. Replaced Injector Ref Line Seals, P/N: 633958-3.
12. Fabricated new y-duct for the Generator & Fuel Pump, P/N's: BE709-4-60-6 & BE709-6-72-6.
13. Cleaned Rust from the #4 EGT Probe.
14. Removed & Replaced with new the #1 & #3 EGT Probes, P/N: M-111.
15. Drained Oil, Removed Oil Filter, cut some carbon noted, installed, torqued & safetied new oil filter AA48109. Serviced with 11qt. of Aeroshell 100.
16. Removed, Cleaned, Inspected, Tested, Installed & Torqued Spark Plugs with new gaskets, P/N: M-674.
17. **AD 2023-17-04** N/A by Type.
18. **AD 2023-09-09** N/A Due to the ICA Requirements for the TAT Sys the v-band clamp is to be replaced every 400hrs. Thus, falling into compliance with AD. Current V-band clamp installed is **next due to be changed at a Tach time of 3292.3**
19. **AD 2023-05-16** N/A no crankshaft work during time stated.
20. **AD 2023-02-12** N/A no SAP Cylinders or Intake Assy. installed during time stated.
21. All AD's Current.
22. Performed Annual Inspection IAW Beechcraft 100Hr/Annual Inspection Checklist & Continental IO-550 MM to include the scope and detail of 14 CFR Part 43 appendix D.
23. Post Maintenance run-up, leak cks. & ops. ck. all good. No leaks, no defects noted at this time.

-----End-----

I certify this engine has been inspected/repared/serviced utilizing Beechcraft A36 AMM/ Beechcraft Shop MM, Continental IO-550 MM & applicable FARs and was found to be in Airworthy Condition.

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under Work Order: 233605 & 233608 N#: N1230Z

Date: 01/26/2024  
Signed: *[Signature]*

CRS: R81R199Y

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |