

4H  
SN 518147



Transport  
Canada  
Aviation

Transports  
Canada  
Aviation

TP3910E

# AIRCRAFT TECHNICAL LOGS

## Section 3. ENGINE

P Baron

TS10S20WB

Second Edition

January 1987

Canada

1221.5

SMOH

2314.6

TTSN

N Numbra

ENGINE LOG

|    |                                 |                             |
|----|---------------------------------|-----------------------------|
| 1. | Make                            | <u>CONTINENTAL</u>          |
| 2. | Model                           | <u>TSIO-520-WB</u>          |
| 3. | Specification                   | <u>E8CE</u>                 |
| 4. | Manufacturer's Serial<br>Number | <u>518147</u>               |
| 5. | Date of Manufacture             | <u>                    </u> |
| 6. | Aircraft Inspection Cycle       | <u>                    </u> |

# ENGINE SERVICE AND

| DATE                        | TIME RUN |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE |
|-----------------------------|----------|------|---------------------|------|------------------------------------------------------------------------------------------------|
|                             | HRS.     | MIN. | HRS.                | MIN. |                                                                                                |
| BROUGHT FORWARD →           |          |      |                     |      |                                                                                                |
| Aug. 27/87                  |          |      | 24                  | 7    | - Time brought forward from U.S. logs                                                          |
|                             |          |      | 24                  | 7    | - Engine straned as installed in C-6YU                                                         |
|                             |          |      |                     |      | - Engine O/H'D @ 1092.4                                                                        |
|                             |          |      |                     |      | - Turbo-charger, and controllers + waste-                                                      |
|                             |          |      |                     |      | - Starter, magnetos, alternator + fuel system                                                  |
|                             |          |      |                     |      | - Engine mounts + hoses replaced at                                                            |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      | CERTIFICATION (1). I certify that (a) the aircraft identified on this rep-*                    |
|                             |          |      |                     |      | has been inspected in compliance with the Condition and Conformity                             |
|                             |          |      |                     |      | inspection procedure prescribed in the Training and Inspection                                 |
|                             |          |      |                     |      | Manual, and (b) the inspection was conducted by a person who is                                |
|                             |          |      |                     |      | qualified to perform such inspections.                                                         |
|                             |          |      |                     |      | I am a member of the FAA's Aircraft Maintenance Technician Registry.                           |
|                             |          |      |                     |      | Signature of Inspector: R.W. POPAL                                                             |
|                             |          |      |                     |      | Name of Company: WGT 80Y                                                                       |
|                             |          |      |                     |      | Date: Aug 27/87                                                                                |
|                             |          |      |                     |      | AME/COMPANY No. DATE                                                                           |
|                             |          |      |                     |      | and COMPANY INSPECTOR                                                                          |
| Nov 4/87                    | 44       | 2    | 68                  | 9    | 50 HR INSP COMPLETED - OIL CHANGED                                                             |
|                             |          |      |                     |      | OIL LEAK AT SCAVENGE PUMP FITTING                                                              |
|                             |          |      |                     |      | SERVICE                                                                                        |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
| April 15/88                 | 53       | 3    | 122                 | 2    | 100 HR INSP COMPLETED - OIL & FILTERS                                                          |
|                             |          |      |                     |      | CYL LEAKAGE CHECKED ALL "GOOD CONDITION"                                                       |
|                             |          |      |                     |      | MAGS POINTS CHECKED MAGS TIMED                                                                 |
|                             |          |      |                     |      | AIR FILTERS CLEANED - 20 W 50 CHECK                                                            |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
|                             |          |      |                     |      |                                                                                                |
| TOTAL THIS PAGE             |          |      |                     |      | CARRIED FORWARD                                                                                |
| TOTAL FROM PREVIOUS SUMMARY |          |      |                     |      |                                                                                                |
| TOTAL SINCE MFG.            |          |      |                     |      |                                                                                                |

# MAINTENANCE RECORD

1

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

SIGNATURE

LICENCE  
NUMBER

gate o/h'd at 880.4 Sept 24/85  
o/h'd at 1092.4 hrs  
A/F time 1092.4 hrs

"100 HR. INSPECTION COMPLETED AS PER  
MANUFACTURER'S MAINTENANCE SCHEDULE."

SIGNATURE OF AME R.W. POPEL

LICENSE W61808 DATE Aug 27/87

"I certify that all applicable airworthiness  
requirements stated in the engine  
and inspection manual have been met  
in respect of the work done and the aircraft  
is released for return to service."

FILTERS CHANGED 20 W 50 OIL INSTALLED CHECKED  
REPAIRED - ENGINE GROUND RUN - RETURNED TO

Signed by AME [Signature]

Licence No. 15-82 Date 16/1/88

CHANGED - FILTERS INSPECTED OK  
SPARK PLUGS CLEANED & GAPPED & TESTED  
MIXTURE & THROTTLE LINKAGE TIGHTENED UP  
OIL INSTALLED - GROUND RUN - RETURNED  
TO SERVICE

"I certify that all applicable requirements  
stated in the engineering and inspection  
manual have been met and the aircraft  
is determined to be airworthy."

Signed by AME [Signature]

Licence No. 121686 Date Apr. 15/88

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

# ENGINE SERVICE AND

| DATE                        |    | TIME RUN          |      | TIME SINCE OVERHAUL |      | NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS,                                                                                                                                                                                                             |
|-----------------------------|----|-------------------|------|---------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             |    | HRS.              | MIN. | HRS.                | MIN. |                                                                                                                                                                                                                                                                                                         |
|                             |    | BROUGHT FORWARD → |      |                     |      |                                                                                                                                                                                                                                                                                                         |
| Aug 19/86                   | 49 | 9                 | 122  | 2                   |      |                                                                                                                                                                                                                                                                                                         |
|                             |    |                   | 172  | 1                   |      | 50 HR INSP COMPLETED OIL CHANGED<br>FUEL MIXTURES ADJUSTED LH STARTER<br>TACH ACCESSORY DRIVE HOUSING LEAK<br>AND 87-18-06 N/A BY SER #<br>ON LAST OF - ORIGINAL CASTLE NOT USED<br>ENG GROUND RUN - RETURNED TO                                                                                        |
| Oct 12/88                   | 19 | 4                 | 191  | 5                   |      | AND 87-14-02 STARTER ADAPTER<br>N/A BY SERIAL # NO FURTHER ACTION                                                                                                                                                                                                                                       |
| Nov 7/88                    | 27 | 7                 | 219  | 2                   |      | 180 HR INSP AS PER BEECH CHECK<br>FILTERS INSPECTED, OK CYLINDER<br>GAPPED, TESTED OK - NOZZLES CLEANED,<br>OIL INSTALLED - ENGINE GROUND RUN                                                                                                                                                           |
| JAN 14/89                   | 9  | 8                 | 229  | 0                   |      | LH VACUUM PUMP REPAIRED WITH                                                                                                                                                                                                                                                                            |
| 5-25-89                     | HM | 1036.7 hrs        | Alt  |                     |      | total time 1395.2 hrs, Engine total<br>Inspected aircraft per standard insp<br>Checked cylinder compression, cleaned<br>points and reset timing, cleaned all<br>clamps at transition tubes, tightened<br>oil and filter, serviced engine with<br>washed down engine, performed run up<br>factory manual |
|                             |    | DIFF. COMP. TEST  |      |                     |      |                                                                                                                                                                                                                                                                                                         |
| #1                          | #2 | #3                | #4   | #5                  | #6   |                                                                                                                                                                                                                                                                                                         |
| 73                          | 74 | 75                | 74   | 77                  | 76   |                                                                                                                                                                                                                                                                                                         |
| 80                          | 80 | 80                | 80   | 80                  | 80   |                                                                                                                                                                                                                                                                                                         |
| TOTAL THIS PAGE             |    |                   |      |                     |      |                                                                                                                                                                                                                                                                                                         |
| TOTAL FROM PREVIOUS SUMMARY |    |                   |      |                     |      |                                                                                                                                                                                                                                                                                                         |
| TOTAL SINCE MFG.            |    |                   |      |                     |      |                                                                                                                                                                                                                                                                                                         |
|                             |    |                   |      |                     |      | CARRIED FORWARD                                                                                                                                                                                                                                                                                         |

# MAINTENANCE RECORD

2

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

SIGNATURE

LICENCE  
NUMBER

20 W50 CHEVRON - FILTERS CHANGED  
DRIVE SHAFT BEAR REPAIRED ALSO  
REPAIRED

"I certify that all applicable requirements  
stated in the engineering and inspection  
manual have been met and the aircraft  
is determined to be airworthy."

AND 87-26-01 N/A BY RESEARCH COMPLETED  
AND 88-03-06 N/A OIL FILTERS AC TYPE.  
SERVICE

Signed by AME [Signature]  
Licence No. VERM686 Date Aug 17/88

SHAFT DRIVE BEAR INSPECTED & FOUND TO BE  
REQUIRED

[Signature] VERM686

SHEETS COMPLETED, OIL, FILTERS CHANGED  
LEAKAGE CHECKED OK PLUGS CLEANED  
TIMING CHECKED 20 W50 CHEVRON  
ALL SYSTEMS FUNCTIONING NORMALLY

"I certify that all applicable airworthiness  
requirements stated in the engineering  
and inspection manual have been met in  
respect of the work done and the aircraft  
is released for return to service."

Signed by AME [Signature]  
Licence No. VERM686 Date Nov 7/88

NEW UNIT 134-7 FILTER ALSO REPAIRED

time 1395.2 hrs, Engine 302.7 hrs SMOH  
form and Beechcraft 58P maint manual  
and gapped spark plugs. Checked magneto  
fuel nozzles. Installed new exhaust pipe  
all induction tube coupling clamps. Changed  
12 qts Aeroshell 15W50 multigrade oil  
and functional checks operations are satis-

I CERTIFY THAT THIS AIRCRAFT HAS BEEN  
INSPECTED IN ACCORDANCE WITH A  
100 hr INSPECTION AND WAS DETER-  
MINED TO BE IN AIRWORTHY CONDITION.  
5-25-88

SKY TECH, INC.  
G.L.M. STATE AIRPORT  
REPAIR STATION #121-48  
BALTIMORE, MD. 21220

[Signature] W09381

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

TT = Hobbs + 358:8

# ENGINE SERVICE AND

Time SMOH = Hobbs - 734

| DATE | TIME RUN |      | TIME SINCE OVERHAUL |      |
|------|----------|------|---------------------|------|
|      | HRS.     | MIN. | HRS.                | MIN. |

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

BROUGHT FORWARD

JUN 27 1989

304.5

TSN 1397.0 hr meter 1038.5 ACTT 139  
Ground run engine, set idle speed  
mixture & manifold pressure.  
Ref 5/04-00/057

Signed Donald K. Wilton Chief Insp  
Certified Repair Station #WVR672C  
UNITED BEECHCRAFT, INC.  
P. O. Box 9162 WICHITA, KANSAS

4-1-90

1120:7 Hobbs 1479:5 TSN 386:7 SMOH C/W 100#  
PN# 102-590000-190: CHANGED OIL AND FILTER  
PLUGS. CHECKED AND SET MAG TIMMING - C/W  
#574/80 #670/80 TIGHTEN ALL ROCKER BOX COVERS  
DETAILS SEE W.O. 3652.

3-26-91

1194:5 Hobbs 1553:5 TSN 460:5 SMOH C/W  
GUIDE PN# 102-590000-190 - CHANGED OIL  
AND GAPPED PLUGS. CHECKED AND SET MAG TIM  
HOLE IN INTERCONNECT LINE CROSS OVER & REINSTA  
#571/80 #672/80 FOR PERTINENT DETAILS SEE W.O.

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

# MAINTENANCE RECORD

3

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

SIGNATURE

LICENCE  
NUMBER

ANNUAL INSPECTION PER Beech Inspection Guide  
AeroShell 15W 50 AD INSTALLED. CLEANED AND GAPPED  
COMPRESSION CHECK #1 73/80 #2 70/80 #3 70/80 #4 70/80  
CLEANED ENG. ALL RUN CHECKS COMPLETE. FOR PERMANENT

I certify that this ENGINE has been inspected

in accordance with a ANNUAL inspection and was  
determined to be in airworthy condition. TSN: 1479.5

Total time 120:7 Hrs Date 4-1-90 TSO: 386.7

ME O # 3652 Signed [Signature]

Henson Aviation, Inc.  
Hagerstown, Maryland

HAROLDIA

100HR / ANNUAL INSPECTION PER Beech Inspection  
Filter Aero Shell 15W 50 AD INSTALLED. - CLEANED  
ing. REPLACED INTAKE HOSE (9) INTER COOLSE. - REPAIRED  
- C/W COMPRESSION CHECK: #1 76/80 #2 66/80 #3 76/80 #4 70/80  
4070

I certify that this ENGINE has been inspected

in accordance with a ANNUAL inspection and was  
determined to be in airworthy condition. TSN: 1553.5

Total time 460.5 SMOH Date 3-26-91

ME O # 4070 Signed [Signature]

Henson Aviation, Inc.  
Hagerstown, Maryland

HAROLDIA

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

TT S.M.O.H = Hobbs - 734

# ENGINE SERVICE AND

| DATE                        | TIME RUN       |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,<br>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE                                                                                                                                                                                                                  |
|-----------------------------|----------------|------|---------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | HRS.           | MIN. | HRS.                | MIN. |                                                                                                                                                                                                                                                                                                                 |
| BROUGHT FORWARD →           |                |      |                     |      | 1642.3 TTSN                                                                                                                                                                                                                                                                                                     |
| 3-20-92                     | 1283.3         |      | Hobbs               |      | 549.3 SMOH C/W 100WR / ANNUAL form. CHANGED OIL AND FILTER AERO Shell 15W 80 SET MAG timing - Replaced Clutch Springs #1 70/80 #2 64/80 #3 68/80 #4 65/80 #5 66/80 #6 69/80 AD Section of this Log                                                                                                              |
| 3-30-93                     | (Hobbs 1346.1) |      |                     |      | COMPLIED WITH AN ANNUAL INSPECTION. COMPARE HOT-1-67, 2-61, 3-68, 4-68, 5-70, 6-70. (CLEANED AND GAPPED SPARK PLUGS. CHECKED MAGNETO TIMING. CHANGED OIL AND FILTER PW CH48108. SERVICED WITH AEROMOL 80W OIL. REPLACED TURBOCHARGER SCAVENGE GASKET PW 637244. (RAN ENGINE, LEAK CHECKED OK) (CHECKED AD) 3-30 |
|                             | SMOH: 612.1    |      |                     |      | I certify that this aircraft/engine has been inspected in accordance with A 100 H/ANNUAL inspection as required by FAR 91. 409                                                                                                                                                                                  |
|                             | ETT: 1704.9    |      |                     |      | (a) and was determined to be in airworthy condition.                                                                                                                                                                                                                                                            |
|                             |                |      |                     |      | date: 3-30-93 Acct: 1704.9 ETT: 1704.9 TSO: 612.1                                                                                                                                                                                                                                                               |
|                             |                |      |                     |      | <u>Randy Rave</u> AEP 157442134IA signed                                                                                                                                                                                                                                                                        |
|                             |                |      |                     |      | certificate for ELCORTA, Inc.                                                                                                                                                                                                                                                                                   |
| 4-19-93                     | HOBBS: 1367.55 |      |                     |      | INSTALL 10 QTS AERO SHELL W 100                                                                                                                                                                                                                                                                                 |
|                             | SMOH: 633.55   |      |                     |      | <u>Second W Crawl</u> IA 156508.3                                                                                                                                                                                                                                                                               |
|                             | ETT: 1726.35   |      |                     |      |                                                                                                                                                                                                                                                                                                                 |
| CARRIED FORWARD             |                |      |                     |      |                                                                                                                                                                                                                                                                                                                 |
| TOTAL THIS PAGE             |                |      |                     |      |                                                                                                                                                                                                                                                                                                                 |
| TOTAL FROM PREVIOUS SUMMARY |                |      |                     |      |                                                                                                                                                                                                                                                                                                                 |
| TOTAL SINCE MFG.            |                |      |                     |      |                                                                                                                                                                                                                                                                                                                 |

# MAINTENANCE RECORD

4

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

SIGNATURE

LICENCE  
NUMBER

Inspection Per. Beech PN# 102-590000-19D Inspection  
Installed CLEANED AND GAPPED PLUGS CHECKED AND  
STARTER Assy Housing. C/W COMPRESSION CHECK &  
PERTINENT DETAILS SEE W.O. 228 AND AD Sheet in

I certify that this ENGINE has been inspected  
in accordance with a ANNUAL inspection and was  
determined to be in airworthy condition. TSN: 1642.1

Total Time 5:19.3 <sup>SMITH</sup> Date 3-20-92

W.O. # 228 Signed Wm R Smith

Hagerstown Aviation Services Inc.  
Hagerstown, Maryland  
CRS# XHGR3482

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

# ENGINE SERVICE AND

[illegible]

# MAINTENANCE RECORD

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

SIGNATURE

LICENCE  
NUMBER

"HOT" - 1-72, 2-60, 3-72, 4-61, 5-63, 6-68. #5 CYLINDER REPLACED WITH A  
ON 43275-3 (CRS-AV2R704K) SERVO FUEL INJECTOR P/N 25246246, S/N 71377  
LED UPRED DECK CHECK VALVE P/N M32882-6. CLEANED AND GAPPED  
ED OIL AND FILTER P/N CH48108 SERVICED WITH AEROSHELL 80 STREIGHT  
TCM FUEL PUMP COUPLING REPLACEMENT PER MSB 93-12R1, NEW COUPLING P/N  
NA BY S/N. AD93-08-17 TCM OIL PICKUP TUBES DNA. BY S/N. AD'S CHECKED THRU 2-94  
END

I certify that this aircraft/engine has been  
inspected in accordance with A 100Hr/1000Hr  
inspection as required by FAR 91.409 (a)  
(1) and was determined to be in  
airworthy condition.

date: 2-9-94 Act: 1788.7 Est: 1788.7 TSO: 695.9  
Robert Lane AEP 1574451347A  
signature certificate

for ELCORTA, Inc.

I certify that this aircraft/engine has been  
inspected in accordance with AN ANNUAL  
inspection as required by FAR 91.409 (a) (1)  
and was determined to be in  
airworthy condition.

date: 3-1-95 Act: 1877.2 Est: 1877.2 TSO: 784.3  
signature certificate

for ELCORTA, Inc.

COMPRESSION CHK "HOT" 1-72, 2-63, 3-70, 4-67  
1010 OVERSRE. SERVICED WITH 12 QTS AEROSHELL  
TED, AD 94-01-03 R, N/A BY SERIAL NUMBER  
G NOT INSTALLED. AD 94-14-12 L N/A BY REG.

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

## ENGINE SERVICE AND

[illegible]

## 6

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

## ENGINE SERVICE AND

| DATE              | TIME RUN |      | TIME SINCE OVERHAUL |      |  |
|-------------------|----------|------|---------------------|------|--|
|                   | HRS.     | MIN. | HRS.                | MIN. |  |
| BROUGHT FORWARD → |          |      |                     |      |  |
|                   |          |      |                     |      |  |
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|                   |          |      |                     |      |  |

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



**Date:** 07-25-05 **Hobbs:** 3060.3 **Reg. No.:** N399TC  
**Eng. Model:** TSIO-520-WB **Eng. S/N:** 518147  
**TTSN:** 2314.6 **SMOH:** 000.0

## Engine Major Overhaul

Completed engine major overhaul this date in reference to Continental overhaul manual X30574A, parts manual X30580A, and all applicable service bulletins, letters and instructions. This engine has been overhauled to factory new fits and limits. Overhauled/certified crankshaft installed, crankshaft (s/n: C267) and camshaft overhauled/certified, connecting rods align bored, counterweights reworked, and Continental factory new cylinder assemblies installed. Engine accessories were overhauled/exchanged or new as follows: ignition harness, Champion massive spark plugs, magnetos, starter, alternator, propeller governor, fuel system, turbocharger, controller, wastegate, p.r.v., tach generator, oil cooler, and various exhaust pieces. Maintenance release tags and list of C/W A.D.'s provided. For complete details concerning this overhaul, refer to work order #2442-04-2005 on file at this overhaul facility. END.

Thomas E. Harvey  
A&P524088369

**Firewall Forward**  
**Loveland, CO 80538**

Charm Kent

**Firewall Forward • Loveland, Colorado • (800) 444.0556 • [www.FirewallForward.com](http://www.FirewallForward.com)**

|                             |  |  |  |  |                 |
|-----------------------------|--|--|--|--|-----------------|
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|                             |  |  |  |  | CARRIED FORWARD |
| TOTAL THIS PAGE             |  |  |  |  |                 |
| TOTAL FROM PREVIOUS SUMMARY |  |  |  |  |                 |
| TOTAL SINCE MFG.            |  |  |  |  |                 |

# MAINTENANCE RECORD

7

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

SIGNATURE

LICENCE  
NUMBER

**FIREWALL  
FORWARD**

Date: 07-25-05 Hobbs: 3060.3 Reg. No.: N399TC  
Eng. Model: TSIO-520-WB Eng. S/N: 518147  
TTSN: 2314.6 SMOH: 000.0

## ACCESSORIES OVERHAULED OR EXCHANGED AT OVERHAUL

| MFG. NAME   | COMPONENT          | MODEL/PN    | SERIAL NO. |
|-------------|--------------------|-------------|------------|
| TCM         | Magneto            | 10-349260-6 | A235003    |
| TCM         | Magneto            | 10-349220-5 | A231112    |
| TCM         | Starter            | 646275-1    | F034425    |
| TCM         | Alternator         | 649304      | A149570    |
| Woodward    | Propeller Governor | B210710     | 2005362U   |
| TCM         | Fuel Pump          | 640643-3    | B227907B   |
| Precision   | Throttle Assy      | 2524624-6   | 71377      |
| TCM         | Flow Divider       | 642400-1A2  | B207920C   |
| Garrett     | Turbocharger       | 409680-9001 | NGR0127    |
| Garrett     | Wastegate          | 470892-9002 | NGR0127    |
| Garrett     | Controller         | 481008-9022 | LBO102     |
| Garrett     | P.R.V.             | 470944-9009 | HKO211     |
| Electromech | Tach Generator     | EM8000      | 1095       |
| Modine      | Oil Cooler         | 1E1775      | 0379       |

Firewall Forward  
Loveland, CO 80538

**FIREWALL  
FORWARD**

Date: 07-25-05 Hobbs: 3060.3 Reg. No.: N399TC  
Eng. Model: TSIO-520-WB Eng. S/N: 518147  
TTSN: 2314.6 SMOH: 000.0

## Engine Major Overhaul

Completed engine and propeller installation this date for the purpose of engine major overhaul. Engine baffles repaired and new seal material installed. Various exhaust pieces overhauled. Serviced engine with Aeroshell 100ND oil. Functional and leak check satisfactory. This engine is approved for return to service. For complete details concerning this installation, refer to work orders #2443-04-2005 and #2444-04-2005 on file at this facility. END

Conan Poitra  
A&P467438980



Firewall Forward  
Loveland, CO 80538

# ENGINE SERVICE AND

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

BROUGHT FORWARD

**Left Engine Log Book Entry Insert for Beechcraft Baron 58-P, S/N TJ220, N333HS.**  
**Date: 02/20/96**      **W/O: 96034**      **ACTT: 1946.8**  
**S/N: 518147**      **TSO: 853.8**      **ETSO: 1946.8**

- HOBBS: 1587.7*
1. Complied with a annual inspection in accordance with Continental maintenance manual.
  2. Compression "Hot" 1-77, 2-64, 3-68 4-64, 5-69, 6-72. Over 80 psi.
  3. Changed oil and filter, serviced with Aeroshell 100W oil. (Leak checked OK.)
  4. Cleaned spark plugs and checked mag timing.
  5. AD 95-21-15 DNA, by aircraft registration number. AD's checked thru bi-weekly listing 96-02M.
  6. Replaced all fuel injector line clamps with new clamps p/n 652436-1 (6ea).
  7. Replaced vacume pump drive garlock seal p/n 25102. Fixed several small oil leaks in accessory area. (leak tested OK).

Sign: *Derek W. Roberts*

Cert: A&P 166521778

I certify that this engine has been inspected in accordance with a annual inspection as required by FAR 91.409 (a)(1) and was determined to be in airworthy condition.

Sign: *Robert Kae*

Cert: A&P 157442134IA

Elcorta, Inc. 13 Penn's Way, New Castle, DE 19720 (302) 322-7757  
 ----- END -----

**Left Engine Log Book Entry Insert for Beechcraft Baron 58-P, S/N TJ-220, N333HS.**

**DATE: 4/1/97**      **S/N: 518147**      **ACTT: 1972**  
**W/O: 97071**      **LNDS: Unknown**      **LETT: 1972.0**      **LPTSO: 94.6**  
*HOBBS: 1612.9*      *LTSO: 879.2*

1. Complied with an annual inspection.
2. Complied with compression check #1-60, #2-68, #3-64, #4-52, #5-70, #6-72
3. Replaced #4 cylinder with overhauled cylinder. Note: Cylinder 10 over.
4. Changed oil and filter, serviced with Aeroshell 100W.
5. Replaced all spark plugs with new.

I certify that this engine has been inspected in accordance with a **Annual inspection** as required by FAR 91.409 (a) (1) and was determined to be in airworthy condition and has been approved for return to service.

Insp Sign: *Robert Kae*

Cert: A&P157442134IA

Elcorta, Inc. 13 Penn's Way, New Castle, DE 19720 (302) 322-7757  
 ----- END -----

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

# MAINTENANCE RECORD

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

SIGNATURE

LICENCE  
NUMBER

|                                                                                   |                      |              |                  |
|-----------------------------------------------------------------------------------|----------------------|--------------|------------------|
|  | A/C MAKE: Beechcraft | DATE: 5/1/98 | LEFT TSN: 1979.2 |
|                                                                                   | A/C MODEL: P-Baron   | W/O: 98106   | LEFT TSD: 386.4  |
|                                                                                   | A/C S/N: TJ-220      | ACTT: 1979.2 | LEFT S/N: 518147 |
|                                                                                   | A/C REG: N333HS      | A/C LND'S: 0 | HOBBS: 1620.1    |

**ELCORTA, INC. Log book entry insert for the Left Engine identified above.**

- 1) Complied with an Annual inspection on the left engine as required by FAR 91.409(a)(1).
- 2) AD97-26-17 due at engine overhaul or crankshaft removal.
- 3) Complied with AD98-01-08 not applicable STC SE8594SW was not complied with.
- 4) Removed left prop and sent for repair. Received repaired prop, inspected, installed and safetied. Ran engine and Ops checked prop, no defects noted.

Tech Sign: [Signature]

Cert: A&P 202622318

I certify that this Engine has been Inspected in accordance with a Annual inspection as required by FAR 91.409 (a) (1) and was determined to be in airworthy condition and has been approved for return to service.

Insp Sign: [Signature]

Cert: A&P1574421341A

Elcorta, Inc. 13 Penn's Way, New Castle, DE 19720 (302) 322-7757  
----- END -----

|                                                                                     |                      |               |                  |
|-------------------------------------------------------------------------------------|----------------------|---------------|------------------|
|  | A/C MAKE: Beechcraft | DATE: 2/12/99 | LEFT TS: 715     |
|                                                                                     | A/C MODEL: P-Baron   | W/O: 99040    |                  |
|                                                                                     | A/C S/N: TJ-220      | ACTT: 2049.5  | LEFT S/N: 518147 |
|                                                                                     | A/C REG: N333HS      | HOBBS: 0000   |                  |

**ELCORTA, INC. Log book entry insert for the Left Engine identified above.**

- 1) Removed all left engine fuel injectors and cleaned per TCM fuel injection manual 73-40-72. Reinstalled all injectors with new O-rings and gaskets. Ran engine. Leak checked good.
- 2) Complied with an Annual Inspection on left engine in accordance with Beech and Continental maintenance manuals. Compressions Hot-1-63, 2-64, 3-69, 4-75, 5-67, 6-64. Cleaned and gapped all spark plugs. Checked mag points and timing. Changed oil and filter P/N CH 48108. Serviced engine with Aeroshell 100W oil. Ran engine. Leak and functional tested good. Magneto AD 96-12-07, DNA no impulse couplings installed. All other AD's checked through biweekly listing 99-03M.

Tech Sign: [Signature]

Cert: AP166521778

I certify that this engine has been inspected in accordance with a Annual Inspection as required by FAR 91.409 (a) (1) and has been repaired in accordance with current Federal Aviation Regulations with respect to the maintenance performed and was determined to be in airworthy condition and has been approved for return to service.

Insp Sign: [Signature]

Cert: AP2225401781A

Elcorta, Inc. 13 Penn's Way, New Castle, DE 19720 (302) 322-7757  
----- END -----

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

# ENGINE SERVICE AND

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

BRC  
-FOP



A/C MAKE: Beechcraft  
A/C MODEL: P-Baron  
A/C S/N: TJ-220  
A/C REG: N333HS

DATE: 5/10/00  
W/O: 00110  
ACTT: 2142.5  
A/C LND'S: 0

LEFT TSN: 2142.5  
LEFT TSO 1049.7  
LEFT S/N: 518147

Log book entry insert for the Left Engine identified above.

HOBBS: 93.0

- 1) Removed cracked exhaust clamp from left engine near turbo. Installed new clamp. Ran engine leak checked good.
- 2) Complied with **Annual Inspection** in accordance with Raytheon Inspection Guide P/N 102-590000-19H. Cleaned, gapped and tested all spark plugs. Performed compression test. Cleaned fuel filter. Changed oil filter and serviced with 12qts Aeroshell 100W. Run and leak checked good.
- 3) Removed left engine number 3 cyl. valve cover. Staked exhaust valve. Performed leak check with air and soap. Further inspection revealed crack in cylinder from spark plug hole to injector fitting. Removed defective cylinder and installed servicable unit P/N TSIO-520 S/N 68286. Ran engine, ops check good.
- 4) Investigated **AD 99-19-01**, to prevent crankshaft failure. Found it does not apply to this engine. Engine not new or rebuilt between Jan 1 1998 and Dec 31 1998 nor were crankshafts replaced between these dates. No action required.

Tech Sign:

*Chris A.*

Cert: 217762161 A+P

I certify that this engine has been inspected in accordance with an **Annual Inspection** as required by FAR 91.409 (a)(1) and has been repaired in accordance with current Federal Aviation Regulations with respect to the maintenance performed and has been determined to be in airworthy condition and has been approved for return to service.

Insp Sign:

*David L. Johnson*

Cert: IA222540178

Elcorta, Inc. 1616 Brett Road, New Castle, DE 19720 (302) 322-7757  
----- END -----



A/C MAKE: Raytheon  
A/C MODEL: Baron 58PA  
A/C S/N: TJ-220  
A/C REG: N333HS

DATE: 5/18/01  
W/O: 01141  
ACTT: 2187.8  
HOBBS: 138.3

LEFT TSN 2187.8  
LEFT TSO 1095.0  
LEFT S/N: 518147

Log book entry insert for the Left Engine identified above.

- 1) Complied with **Annual Inspection** in accordance with Raytheon Inspection Form P/N 102-590000-19H dated July 1999. Cleaned gapped and tested spark plugs. Performed engine compression check: #1: 68 #2: 66 #3: 68 #4: 70 #5: 68 #6: 68. Replaced engine oil filter with new unit P/N CH48108. Serviced engine oil with 12 quarts of Aeroshell 100W. Replaced engine air filter with new unit P/N 50-389070-23. Ran engine, leak and ops check good.
- 2) Replaced L/H engine #5 lower spark plug with new unit P/N RHB32E.
- 3) Investigated **AD 2000-23-21**, TCM Crankshaft Failure. Found it does not apply to this aircraft due to crankshaft replacement in the time frame specified. No action required.

Tech Sign:

*David L. Johnson*

Cert: AP222623342

I certify that this engine has been inspected in accordance with an **Annual Inspection** as required by FAR 91.409 (a)(1) and has been repaired in accordance with current Federal Aviation Regulations with respect to the maintenance performed and has been determined to be in an airworthy condition and has been approved for return to service.

Insp Sign:

*David L. Johnson*

Cert: AP156508311A

Elcorta, Inc. 1616 Brett Road, New Castle, DE 19720 (302) 322-7757  
----- END -----

TOTAL TIME

TOTAL FROM  
PREVIOUS SUMMARY

TOTAL  
SINCE MFG.

# MAINTENANCE RECORD

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

SIGNATURE

LICENCE  
NUMBER



A/C MAKE: Raytheon DATE: 6/28/02  
A/C MODEL: Baron 58PA W/O: 02151  
A/C S/N: TJ-220 ACTT: 2239.0  
A/C REG: N333HS HOBBS: 189.5

LEFT TSN 2239.0  
LEFT TSO 1146.0  
LEFT S/N: 518147

Log book entry insert for the Left Engine identified above.

- 1) Complied with **Annual Inspection** in accordance with Raytheon Inspection Form P/N 102-590000-19H dated July 1999. Performed engine compression check #1: 64 #2: 64 #3: 70 #4: 64 #5: 65 #6: 58. Cleaned, gapped and tested spark plugs. Replaced oil filter with new unit P/N CH48108. Serviced engine oil with 12 quarts of Aeroshell 100W. Ran engine, leak and ops check good.

Tech Sign:

Cert:

I certify that this engine has been inspected in accordance with an Annual Inspection as required by FAR 91.409 (a) (1) and has been repaired in accordance with current Federal Aviation Regulations with respect to the maintenance performed and has been determined to be in airworthy condition and has been approved for return to service.

Insp Sign:

Cert:

Elcorta, Inc. 2000 Brett Road, New Castle, DE 19720 (302) 322-7757  
END



A/C MAKE: Raytheon DATE: 7/1/03  
A/C MODEL: Baron 58P W/O: 03166  
A/C S/N: TJ-220 ACTT: 2279.6  
A/C REG: N333HS Hobbs: 230.1

LEFT TSN: 2279.6  
LEFT TSO: 1186.5  
LEFT S/N: 518147

Log book entry insert for the Left Engine identified above.

- 1) Performed L/H Engine compression checks: #1: 62 #2: 65 #3: 60 #4: 64 #5: 60 #6: 60.
- 2) Complied with L/H Engine Oil Change. Drained oil. Removed and replaced oil filter with new unit P/N CH48108. Serviced engine with 12 quarts of Aeroshell 100W. Ran engine, leak check good.

I certify that this engine has been inspected in accordance with an **ANNUAL INSPECTION** as required by FAR 91.409 (a) (1) and has been repaired in accordance with current Federal Aviation Regulations with respect to the maintenance performed and was determined to be in airworthy condition and has been approved for return to service.

Sign:

Cert: AP15650831A

Elcorta, Inc. 2000 Brett Road, New Castle, DE 19720 (302) 322-7757  
END

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

# ENGINE SERVICE AND

| DATE            | TIME RUN |      | TIME SINCE OVERHAUL |      | NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE |
|-----------------|----------|------|---------------------|------|-----------------------------------------------------------------|
|                 | HRS.     | MIN. | HRS.                | MIN. |                                                                 |
| BROUGHT FORWARD | →        |      |                     |      |                                                                 |



A/C MAKE: Raytheon  
A/C MODEL: Baron 58P  
A/C S/N: TJ-220  
A/C REG: N333HS

DATE: 8/27/04  
W/O: 04282  
ACTT: 2314.6  
HOBBS: 265.1

LEFT TSN: 2314.6  
TSO: 1221.5  
LEFT S/N: 518147

Log book entry insert for the Left Engine identified above.

- 1) Complied with **Annual Inspection** in accordance with Raytheon Aircraft Maintenance Manual Chapter 5-20. Cleaned and gapped spark plugs. Replaced engine oil filter with new unit P/N CH48108. Serviced engine oil with 12 quarts of Aeroshell 100W.
- 2) Investigated **AD 2004-08-10**, Amendment 39-13579, Engine Components Inc. (ECI) Cylinders. Found no affected cylinders installed on engine. No further action required.
- 3) Removed and replaced engine induction air filter with new unit P/N 50-389070-23.

Tech Sign: *Edward W. Caffrey*

Cert: *A&P 4989237*

I certify that this engine has been inspected in accordance with an **Annual Inspection** as required by FAR 91.409 (a) (1) and has been repaired in accordance with current Federal Aviation Regulations with respect to the maintenance performed and was determined to be in airworthy condition and has been approved for return to service.

Insp Sign: *Edward W. Caffrey*

Cert: *A&P 565083 IA*

Elcorta, Inc. 2000 Brett Road, New Castle, DE 19720 (302) 322-7757  
END

MAY 01, 2006  
HOBBS: 3111.0  
AFTT: 4245.0  
TSO: 50.7

REG: N399TC  
MODEL: BEECH P58  
S/N: TJ294  
LEFT ENG. S/N: 518147

COMPLIED WITH ANNUAL INSPECTION ON ENGINE AND FOUND TO BE IN AIRWORTHY CONDITION. WORK ACCOMPLISHED AS FOLLOWS:

- 1) COMPRESSION CHECK: # 1 75/80 #2 75/80 #3 75/80 #4 72/80 #5 73/80 #6 78/80.
- 2) SERVICED ENGINE WITH PHILLIPS 20W50 REPLACED OIL CHECK OIL FILTER (CH48-108)
- 3) CLEANED REGAPPED AND ROTATED SPARK PLUGS.
- 4) DEGREASED ENGINE AND LUBRICATED CONTROLS.
- 5) RUN UP AND LEAK CHECKED ENGINE OK.
- 6) CHECKED ALL AD'S THROUGH ISSUE 06-08 AND BY WEEKLY. SEE AIRCRAFT RECORDS FOR COMPLETE LISTING.

MAINTENANCE RELEASE: THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IN ACCORDANCE WITH APPLICABLE AIRCRAFT, ENGINE, AND OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS.

*Eleazar Gonzalez*  
ELEAZAR GONZALEZ  
A&P 263792148 IA

TOTAL THI

|                             |  |  |
|-----------------------------|--|--|
| TOTAL FROM PREVIOUS SUMMARY |  |  |
| TOTAL SINCE MFG.            |  |  |

# MAINTENANCE RECORD

10

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

SIGNATURE

LICENCE  
NUMBER

## American Aviation Inc.

Wilkes County Airport (UKF)

|               |             |        |        |
|---------------|-------------|--------|--------|
| Date:         | 08-25-2005  | Hobbs: | 3072.3 |
| Aircraft Reg. | N399TC      | ACTT:  |        |
| Manufacture:  | Continental | ACTC:  |        |
| Model No.:    | TSIO-520-WB | TSO:   | 12.0   |
| Serial No.:   | 518147      | CSO:   |        |

Performed Compression Check Of All Cylinders; #1 75/80, #2 71/80, #3 72/80, #4 76/80, #5 76/80, #6 76/80. Drained And Serviced Engine With 11 Qts. 100W Mineral Oil. Removed, Inspected And Replaced Oil Filter P/N: CH48108-1. Cleaned Engine And Cowling, Ground Ran Checked For Leaks.

Signature, *Robert A. Wislick*

Robert A. Wislick A/P 171549879

## American Aviation Inc.

Wilkes County Airport (UKF)

|               |             |        |        |
|---------------|-------------|--------|--------|
| Date:         | 09-27-2005  | Hobbs: | 3100.7 |
| Aircraft Reg. | N399TC      | ACTT:  |        |
| Manufacture:  | Continental | ACTC:  |        |
| Model No.:    | TSIO-520-WB | TSO:   | 40.4   |
| Serial No.:   | 518147      | CSO:   |        |

Performed Compression Check Of All Cylinders; #1 76/80, #2 75/80, #3 76/80, #4 76/80, #5 75/80, #6 77/80. Drained And Serviced Engine With 11 Qts. Phillips 20W-50 X/C Oil. Removed, Inspected And Replaced Oil Filter P/N: CH48108-1. Cleaned Engine And Cowling, Ground Ran Checked For Leaks.

Signature, *Robert A. Wislick*

Robert A. Wislick A/P 171549879

## American Aviation Inc.

Wilkes County Airport (UKF)

|               |             |        |        |
|---------------|-------------|--------|--------|
| Date:         | 02-06-2006  | Hobbs: | 3107.7 |
| Aircraft Reg. | N399TC      | ACTT:  |        |
| Manufacture:  | Continental | ACTC:  |        |
| Model No.:    | TSIO-520-WB | TSO:   | 47.4   |
| Serial No.:   | 518147      | CSO:   |        |

Performed Compression Check Of All Cylinders; #1 65/80, #2 68/80, #3 67/80, #4 65/80, #5 63/80, #6 64/80. Drained And Serviced Engine With 11 Qts. Phillips 20W-50 X/C Oil. Removed, Inspected And Replaced Oil Filter P/N: CH48108-1. Cleaned Engine And Cowling, Ground Ran Checked For Leaks.

Signature, *Robert A. Wislick*

Robert A. Wislick A/P 171549879

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

# ENGINE SERVICE AND

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

BROUGHT FORWARD

**American Aviation Inc.**

Date: 08-18-2006      Hobbs: 3114.7  
 Aircraft Reg: N399TC      ACTT:  
 Manufacture: Continental      ACTC:  
 Model No.: TSIO-520-WB      TSO: 54.4  
 Serial No.: 518147      CSO:

Wilkes County Airport (UKF)

Performed Compression Check Of All Cylinders; #1 68/80, #2 68/80, #3 68/80, #4 68/80, #5 67/80, #6 68/80. Drained And Serviced Engine With 11 Qts. Phillips 20W-50 X/C Oil. Removed, Inspected And Replaced Oil Filter P/N: CH48108-1. Serviced All Spark Plugs. Cleaned Engine And Cowling, Ground Ran Checked For Leaks.

Signature, *Robert A. Wislick*

Robert A. Wislick A/P 171549879

**American Aviation Inc.**

Date: 04-03-2007      Hobbs: 3145.5  
 Aircraft Reg: N399TC      ACTT:  
 Manufacture: Continental      ACTC:  
 Model No.: TSIO-520-WB      TSO: 85.2  
 Serial No.: 518147      CSO:

Wilkes County Airport (UKF)

Performed Compression Check Of All Cylinders; #1 69/80, #2 70/80, #3 70/80, #4 70/80, #5 70/80, #6 70/80. Drained And Serviced Engine With 11 Qts. Phillips 20W-50 X/C Oil. Removed, Inspected And Replaced Oil Filter P/N: CH48108-1. Cleaned Engine And Cowling, Ground Ran Checked For Leaks.

Signature, *Robert A. Wislick*

Robert A. Wislick A/P 171549879

|                             |  |  |
|-----------------------------|--|--|
| TOTAL THIS PAGE             |  |  |
| TOTAL FROM PREVIOUS SUMMARY |  |  |
| TOTAL SINCE MFG.            |  |  |

# MAINTENANCE RECORD

11

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

SIGNATURE

LICENCE  
NUMBER

## American Aviation Inc.

Wilkes County Airport (UKF)

|               |             |        |        |
|---------------|-------------|--------|--------|
| Date:         | 05-24-2007  | Hobbs: | 3152.4 |
| Aircraft Reg: | N399TC      | ACTT:  |        |
| Manufacture:  | Continental | ACTC:  |        |
| Model No.:    | TSIO-520    | TSO:   | 92.1   |
| Serial No.:   | 518147      | CSN:   |        |

Performed annual inspection Per. FAR 43 Appendix "D" Scope & Detail, With Reference To 58P Baron Inspection Guide. Checked Cylinder Compressions: #1 69/80, #2 68/80, #3 69/80, #4 68/80, #5 67/80, #6 69/80. Serviced All Spark Plugs. Performed Engine Fuel System Setup Procedures IAW Continental SID 97-3E. Lubricated Waste Gates And Controls. Ground Ran Engine Operational Checks And Leak Checks Good.

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

Signature: *Robert A. Wislick*

Robert A. Wislick IA 171549879

## American Aviation Inc.

Wilkes County Airport (UKF)

|               |             |        |        |
|---------------|-------------|--------|--------|
| Date:         | 09-03-2007  | Hobbs: | 3170.3 |
| Aircraft Reg: | N399TC      | ACTT:  |        |
| Manufacture:  | Continental | ACTC:  |        |
| Model No.:    | TSIO-520-WB | TSO:   | 110.0  |
| Serial No.:   | 518147      | CSO:   |        |

Drained And Serviced Engine With 12 Qts. Phillips 20W-50 X/C Oil. Removed, Inspected And Replaced Oil Filter P/N: CH48108-1. Cleaned Engine And Cowling. Ground Ran Checked For Leaks.

Signature: *Robert A. Wislick*

Robert A. Wislick A/P 171549879

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

## ENGINE SERVICE AND

| DATE                        | TIME RUN                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | TIME SINCE OVERHAUL |      | INSTALLATIONS, INSPECTIONS,                                     |             |        |        |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|------|-----------------------------------------------------------------|-------------|--------|--------|
|                             | HRS.                                                                                                                                                                                                                                                                                                                                                                                                                                          | MIN. | HRS.                | MIN. | NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE |             |        |        |
| BROUGHT FORWARD -           | <b>American Aviation Inc.</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                     |      | Date:                                                           | 07-11-2008  | Hobbs: | 3200.5 |
|                             | Wilkes County Airport (UKF)                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                     |      | Aircraft Reg.                                                   | N399TC      | ACTT:  | 4334.5 |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      | Manufacture:                                                    | Continental | ACTC:  |        |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      | Model No.:                                                      | TSIO-520    | TSO:   | 140.2  |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      | Serial No.:                                                     | 518147      | CSN:   |        |
|                             | Performed annual Inspection Per. FAR 43 Appendix "D" Scope & Detail, With Reference To 58P Baron Inspection Guide. Checked Cylinder Compressions: #1 70/80, #2 70/80, #3 74/80, #4 70/80, #5 70/80, #6 74/80. Installed 6 New Spark Plugs Part No. RHB32E In All Cylinders "Top Position" And Three In "Bottom Position". Removed, Cleaned And Lubricated Waste Gate And Controls. Ground Ran Engine Operational Checks And Leak Checks Good. |      |                     |      |                                                                 |             |        |        |
|                             | I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition.                                                                                                                                                                                                                                                                                                |      |                     |      |                                                                 |             |        |        |
|                             | Signature: <i>Robert A Wislick</i>                                                                                                                                                                                                                                                                                                                                                                                                            |      |                     |      | Robert A. Wislick IA 171549879                                  |             |        |        |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      |                                                                 |             |        |        |
|                             | <b>American Aviation Inc.</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                     |      | Date:                                                           | 04/30/2008  | Hobbs: | 3195.2 |
|                             | Wilkes County Airport (UKF)                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                     |      | Aircraft Reg.                                                   | N399TC      | ACTT:  |        |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      | Manufacture:                                                    | Continental | ACTC:  |        |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      | Model No.:                                                      | TSIO-520    | TSO:   |        |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      | Serial No.:                                                     | 518147      | CSO:   |        |
|                             | Performed Compression Check Of All Cylinders; #1 61/80, #2 67/80, #3 68/80, #4 69/80, #5 68/80, #6 70/80. Drained & Serviced Engine With 12 Qts. Phillips 20w-50 X/C Oil. Removed, Inspected & replaced Oil Filter (48108). Cleaned engine & Cowling, Ground Ran Checked For Leaks.                                                                                                                                                           |      |                     |      |                                                                 |             |        |        |
|                             | Signature: <i>Robert A Wislick</i>                                                                                                                                                                                                                                                                                                                                                                                                            |      |                     |      | Robert A. Wislick A/P 171549879                                 |             |        |        |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      |                                                                 |             |        |        |
|                             | <b>American Aviation Inc.</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                     |      | Date:                                                           | 11/11/2008  | Hobbs: | 3225.4 |
|                             | Wilkes County Airport (UKF)                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                     |      | Aircraft Reg.                                                   | N399TC      | ACTT:  |        |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      | Manufacture:                                                    | Continental | ACTC:  |        |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      | Model No.:                                                      | TSIO-520    | TSO:   |        |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      | Serial No.:                                                     | 518147      | CSO:   |        |
|                             | Drained & Serviced Engine With 12 Qts. Phillips 20w-50 X/C Oil. Removed, Inspected & replaced Oil Filter (48108). Cleaned engine & Cowling, Ground Ran Checked For Leaks.                                                                                                                                                                                                                                                                     |      |                     |      |                                                                 |             |        |        |
| TOTAL THIS PAGE             | Signature: <i>Robert A Wislick</i>                                                                                                                                                                                                                                                                                                                                                                                                            |      |                     |      | Robert A. Wislick A/P 171549879                                 |             |        |        |
| TOTAL FROM PREVIOUS SUMMARY |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      |                                                                 |             |        |        |
| TOTAL SINCE MFG.            |                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                     |      |                                                                 |             |        |        |

# MAINTENANCE RECORD

12

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

SIGNATURE

LICENCE  
NUMBER

## American Aviation Inc.

Wilkes County Airport (UKF)

|               |             |        |        |
|---------------|-------------|--------|--------|
| Date:         | 07-30-2009  | Hobbs: | 3252.3 |
| Aircraft Reg. | N399TC      | ACTT:  | 4386.3 |
| Manufacture:  | Continental | ACTC:  |        |
| Model No.:    | TSIO-520    | TSO:   | 192.0  |
| Serial No.:   | 518147      | CSN:   |        |

Performed annual inspection Per. FAR 43 Appendix "D" Scope & Detail, With Reference To 58P Baron Inspection Guide. Checked Cylinder Compressions: #1 70/80, #2 68/80, #3 70/80, #4 68/80, #5 66/80, #6 67/80. Drained & Serviced Engine With 12 Qts. Philips 20w-50 X/C Oil. Removed, Inspected And Replaced Oil Filter (48-108). Installed 6 New Spark Plugs Part No. URHB32E In All Cylinders "Top Position". Lubricated Waste Gates And Controls. Ground Ran Engine Operational Checks And Leak Checks Good.

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

Signature, *Robert A. Wislick*

Robert A. Wislick IA 171549879

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

## ENGINE SERVICE AND

[illegible]

**American Aviation Inc.**

Wilkes County Airport (UKF)

Drained & Serviced Engine With 12 Qts. Phillips 20w-50 X/C Oil. Removed, Inspected & replaced Oil Filter (48108). Cleaned engine & Cowling, Ground Ran Checked For Leaks.

Date: 07-09-2010  
Aircraft Reg. N399TC  
Manufacture: Continental  
Model No.: TSIO-520  
Serial No.: 518147

|        |        |
|--------|--------|
| Hobbs: | 3283.5 |
| ACTT:  |        |
| ACTC:  |        |
| TSO:   |        |
| CSO:   |        |

Signature.

Robert A. Wushy

Robert A. Wislick A/P 171549879

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| TOTAL THIS PAGE                |  |  |  |  |                 |
| TOTAL FROM<br>PREVIOUS SUMMARY |  |  |  |  |                 |
| TOTAL<br>SINCE MFG.            |  |  |  |  |                 |

# MAINTENANCE RECORD

13

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

SIGNATURE

LICENCE  
NUMBER

## American Aviation Inc.

Wilkes County Airport (UKF)

Date: 10-28-2010 Hobbs: 3302.1  
Aircraft Reg: N399TC ACTT: 4436.1  
Manufacture: Continental ACTC:  
Model No.: TSIO-520 TSO: 241.8  
Serial No.: 518147 CSN:

Performed annual inspection Per. FAR 43 Appendix "D" Scope & Detail, With Reference To 58P Baron Inspection Guide. Checked Cylinder Compressions: #1 69/80, #2 67/80, #3 69/80, #4 68/80, #5 66/80, #6 68/80. Serviced All Spark Plugs. Performed Engine Fuel System Setup Procedures IAW Continental SID 97-3E. Lubricated Waste Gates And Controls. Ground Ran Engine Operational Checks And Leak Checks Good.

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

Signature, *Robert A. Wislick*

Robert A. Wislick IA 171549879

## American Aviation Inc.

Wilkes County Airport (UKF)

Date: 12-08-2010 Hobbs: 3298.4  
Aircraft Reg: N399TC ACTT:  
Manufacture: Continental ACTC:  
Model No.: TSIO-520 TSO:  
Serial No.: 518147 CSO:

Drained & Serviced Engine With 12 Qts. Phillips 20w-50 X/C Oil. Removed, Inspected & replaced Oil Filter (48108). Cleaned engine & Cowling, Ground Ran Checked For Leaks.

Signature, *Robert A. Wislick*

Robert A. Wislick A/P 171549879

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

## ENGINE SERVICE AND

[illegible]