

No. 1

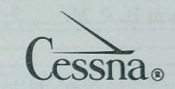
Cessna<sup>®</sup>



**ENGINE**  
**AND PROPELLER LOG**

N ~~25929~~ SERIAL NO. ~~L-16495-51A~~

177LR



**Engine and Propeller Log**  
Comprehensive Recording of Engine  
and Propeller Records

FORM P122-13



ENGINE LOG

| DATE                         | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS   | SIGNATURE      | LICENSE NUMBER |
|------------------------------|----------|------------------------|-------|---|----------------|----------------|
|                              |          | HOURS                  | 10THS |   |                |                |
| 1977<br>Nov 16 <sup>th</sup> | TACH -   | 29.                    | 9     | I CERTIFY THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <del>Annual</del> <u>Annual</u> INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.<br>BATTERY CASE CHAFING ENGINE MOUNT @ FIREWALL, PUT Silicones on CHAFE MARK.<br>LIGHTENED ALTERNATOR BELT.<br>CHANGED ENGINE OIL & FILTER, SERVICED ENGINE WITH 8 QTS SOW HEVOSHELL REGULAR OIL | H. R. BRECHTER | IA 1632096     |

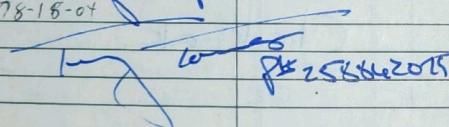
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

| DATE           | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE | LICENSE NUMBER |
|----------------|----------|------------------------|-------|--|-----------|----------------|
|                |          | HOURS                  | 10THS |  |           |                |
| 1978<br>1/5/78 |          |                        |       | Tach Hrs 38.4<br>Removed & replaced Aux. Fuel Pump due to low Pressure out put.<br>H.R. Brechter A/P 1632096 |           |                |

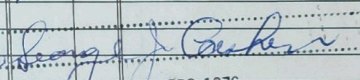
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

| DATE<br>19 <u>78</u> | DURATION | ACCUMULATED<br>TOTAL TIME |          | REPAIRS --- ADJUSTMENTS   | SIGNATURE | LICENSE<br>NUMBER |
|----------------------|----------|---------------------------|----------|---|-----------|-------------------|
|                      |          | HOURS                     | 10THS    |   |           |                   |
| <u>11</u>            |          | <u>107</u>                | <u>0</u> | changed Engine oil & filter<br>Serviced Engine with spots<br>son Aeroshell oil engine run<br>and Leak ck etc.<br>C/w Cessna Service letter # SE. 78-44<br>MAGNETO Rear Pump Insp.<br>Stamped MAG 78-18-04<br><br> |           |                   |

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ENGINE LOG

| DATE<br>19 | DURATION | ACCUMULATED<br>TOTAL TIME |       | REPAIRS --- ADJUSTMENTS   | SIGNATURE | LICENSE<br>NUMBER |
|------------|----------|---------------------------|-------|---|-----------|-------------------|
|            |          | HOURS                     | 10THS |   |           |                   |
|            |          |                           |       | ROUTINE MAINTENANCE<br><br>N.O. <u>17994</u> DATE <u>SEPT. 31, 1978</u><br>TACH TIME: <u>0.19700</u><br>Description: <u>CHANGED OIL &amp; FILTER</u><br><br>Signed: <br>HASCO FAA CRS 1276<br>Montgomery County Air Park<br>Gaithersburg, Maryland |           |                   |

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ENGINE LOG

| DATE | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|------|----------|------------------------|-------|-------------------------|-----------|----------------|
|      |          | HOURS                  | 10THS |                         |           |                |
| 19   |          |                        |       |                         |           |                |

**SERVICEABLE PART**

MANUFACTURER Piedmont  
 PART NAME Fuel Servo  
 MODEL FA-50A-1  
 PART NO. 52405414  
 SERIAL NO. 59160  
 REMARKS: Orangeburg Air Service, Inc. Fuel Servo replaced on 3/12/79

ACCOMPLISHED BY [Signature]

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER ORDER NO. 85-577 DATE 3-12-79

SIGNED [Signature] SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR: **PIEDMONT AVIATION, INC.**  
 SMITH REYNOLDS AIRPORT  
 WINSTON-SALEM, N. C. 27102  
 F.A.A. REPAIR STATION NO. 1340 (LTD.)

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**ORANGEBURG AIR SERVICE, INC.**

P. O. BOX 402 ORANGEBURG, S. C. 29115 PHONE (803) 534-5545

Engine 10340D1B60 Ser. No. 46495-51A Total Time 165.6 Since Overhaul A/C N 35929

Mfg. Service Bulletins C/W

AD NOTES C/W SEE LIST, BOOK OF A/C LOG

- | OPERATIONAL CHECK      |   |
|------------------------|---|
| Generator - - -        | ✓ |
| Instruments - -        | ✓ |
| Magnetos - - -         | ✓ |
| Carb. Heat - - -       | ✓ |
| Idle Adjustment        | ✓ |
| Fuel Mixture - -       | ✓ |
| INSPECTION             |   |
| Baffles - - -          | ✓ |
| Cowling - - -          | ✓ |
| Fuel Strainers -       | ✓ |
| Fuel Lines - - -       | ✓ |
| Oil Strainers - -      | ✓ |
| Generator Belt -       | ✓ |
| Controls - - -         | ✓ |
| Ignition Harness - - - | ✓ |
| Air Cleaner - - -      | ✓ |
| Exhaust Stacks - -     | ✓ |
| Mufflers - - -         | ✓ |
| Heater Jackets - -     | ✓ |
| Ignition Timing - -    | ✓ |
| Spark Plugs - - -      | ✓ |
| Ignition Harness - -   | ✓ |
| Valve Clearance - -    | ✓ |
| Hydraulic System -     | ✓ |
| Engine Mounts - - -    | ✓ |
| Vacuum System - - -    | ✓ |
| Propeller - - -        | ✓ |
| Prop. Governor - - -   | ✓ |

REMARKS:  
FUEL SERVO OVERHAULED BY Piedmont

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

Compression Check 1. 89/25 2. 75 3. 76

Oil Change 8 Qts. Shell 40W

Inspected  Serviced  Repaired or Replaced

DATE 4-27 1979  
 SIGNED John J. Berlin  
FA 1767223



ENGINE LOG

| DATE   | DURATION                              | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|--|---------------------------------------|------------------------|-------|-------------------------|-----------|----------------|
|  |                                       | HOURS                  | 10THS |                         |           |                |
|  |                                       |                        |       | ROUTINE MAINTENANCE     |           |                |
| W.O. 18540   |                                       |                        |       | DATE 29 Dec 80          |           |                |
|  | 1246.4                                |                        |       |                         |           |                |
| Description:   | 40 HO-80-2507 N/A By P/W/S/M          |                        |       |                         |           |                |
|  | Inspected BATTERY & System No Defects |                        |       |                         |           |                |
| Signer:  | <i>[Signature]</i>                    |                        |       |                         |           |                |
| HASCO FAX CRS 2276<br>Montgomery County Air Park<br>Gaithersburg, Maryland |                                       |                        |       |                         |           |                |

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ENGINE LOG

| DATE    | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                   | SIGNATURE | LICENSE NUMBER |
|---------|----------|------------------------|-------|---|-----------|----------------|
|         |          | HOURS                  | 10THS |   |           |                |
|         |          |                        |       | I certify that this Engine                |           |                |
|         |          |                        |       | has been inspected in accordance          |           |                |
|         |          |                        |       | with an Annual inspection and             |           |                |
|         |          |                        |       | was found to be in Airworthy              |           |                |
|         |          |                        |       | condition.                                |           |                |
|         |          |                        |       | Date June 19, 1981                        |           |                |
|         |          |                        |       | Total Time 254.5                          |           |                |
|         |          |                        |       | Name John M. Peterson                     |           |                |
|         |          |                        |       | Number A+1 1546718 IA                     |           |                |
| 8/3/81  | 268.4    |                        |       | Complied with Lycoming S/B # 455A         |           |                |
|         |          |                        |       | Replacement of Oil Pump Impellers.        |           |                |
|         |          |                        |       | Alan Paul Q # 214701235                   |           |                |
| 9/23/81 |          |                        |       | COMPLIED WITH AD. 81-18-04 WHICH WAS DONE |           |                |
|         |          |                        |       | UNDER S/B # 455A                          |           |                |
|         |          |                        |       | George Carlson RP1195397                  |           |                |

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ENGINE LOG

| DATE     | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                    | SIGNATURE         | LICENSE NUMBER |
|----------|----------|------------------------|-------|--|-------------------|----------------|
|          |          | HOURS                  | 10THS |  |                   |                |
| 19       |          |                        |       |  |                   |                |
| 7 DEC 81 |          |                        |       | TACH 287.9                                 |                   |                |
|          |          |                        |       | CHANGED OIL & FILTER - 8/6 PHILLIPS 20W-50 |                   |                |
|          |          |                        |       | REPLACED OIL COOLER BRACKET                | J. W. [Signature] | AP 715665427   |

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ENGINE LOG

| DATE   | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE | LICENSE NUMBER |
|--------|----------|------------------------|-------|--|-----------|----------------|
|        |          | HOURS                  | 10THS |  |           |                |
| 19     |          |                        |       |  |           |                |
| 7-6-82 |          |                        |       | TACH READS: 304.3 Hrs.   |           |                |
|        |          |                        |       | ENGINE INSPECTED IN/ALW CESSNA CHECK LIST. CHANGED OIL & OIL FILTER ELEMENT. INSPECT AND CLEANED OIL & FUEL SCREENS. ADDED PHILLIPS 20W50 X-C. C/W A.D. 78-09-07 RA BENDIX MAGNETO IMPULSE COUPLING BY REMOVAL OF D4LN-2021, PW 10-38255-11, 9N 914365 MAGNETO AND INSPECT IMPULSE COUPLING IN/ALW S.B. 599A. REINSTALLED MAGNETO & TIME TO ENGINE. SPARK PLUGS SERVICED. A.D. 81-18-04 RA N/A THIS ENGINE WAS PREVIOUSLY C/W IN/ALW S.B. 455A. A.D.'S CHECKED TACH BI-WEEKLY 82-13. DETAILS ON FILE WORK ORDER # 4613 THIS REPAIR FACILITY GIBSON AVIATION GAITHERSBURG MD. |           |                |
|        |          |                        |       | I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an airworthy condition.   |           |                |
|        |          |                        |       | Date <u>7-6-82</u> N <u>35929</u>  |           |                |
|        |          |                        |       | Tach time <u>304.3 Hrs</u>   |           |                |
|        |          |                        |       | Total time <u>304.3 Hrs</u>  |           |                |
|        |          |                        |       | <u>Frank M. [Signature]</u>  |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE 17054937A.

ENGINE LOG

| DATE     | DURATION      | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE | LICENSE NUMBER |
|----------|---------------|------------------------|-------|--|-----------|----------------|
|          |               | HOURS                  | 10THS |  |           |                |
| 18 82    |               |                        |       |  |           |                |
| 7-20     | Tach 3050 HRS |                        |       | REMOVED MIXTURE PLATE FROM INJECTOR & LAPPED FACE<br>Reinstalled & started RAN ENGINE C/BEGN 0 MAY<br>Rover's J. J. J. APP 21 780650 |           |                |
| 10/7/82  | TACH 315.6    |                        |       | QW AD 82-20-01 BENDIX IMPULSE COUPLING<br>I.A.W. BENDIX SB. 623 DATED SEPT. 82<br>Rover's J. J. J. APP 21 780650                     |           |                |
| 6 JAN 82 |               |                        |       | AD 82-27-02 R McCauley PROP DNA BY BLAKE SP (ENTER IN FRONT LOG<br>KIDDA AIR 2166547)  |           |                |

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ENGINE LOG

| DATE | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE                               | LICENSE NUMBER |
|------|----------|------------------------|-------|--|---|----------------|
|      |          | HOURS                  | 10THS |  |   |                |
| 19   |          |                        |       |  |   |                |
|      |          |                        |       | I certify that this <u>ENGINE</u><br>has been inspected in accordance<br>with a <u>ANNUAL</u> inspection and<br>was determined to be in an<br>airworthy condition. |   |                |
|      |          |                        |       | 1) CHANGED OIL + FILTER (PHILIPS 20W-50)<br>2) REPLACED ALL INJECTOR NOZZLES<br>3) COMPRESSION TEST  |   |                |
|      |          |                        |       |  | #1 78/100 #2 77/100 #3 78/100 #4 76/100 |                |
|      |          |                        |       | Date <u>11/16/83</u> <u>35929</u>  |   |                |
|      |          |                        |       | Tach time <u>380'</u>  |   |                |
|      |          |                        |       | Total time <u>380'</u>   |   |                |
|      |          |                        |       | <u>J. J. J. APP 21 780650</u>  |   |                |

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ENGINE LOG

| DATE   | DURATION     | ACCUMULATED TOTAL TIME |              | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|--|--------------|------------------------|--------------|-------------------------|-----------|----------------|
|  |              | HOURS                  | 10THS        |                         |           |                |
| 19   |              |                        |              |                         |           |                |
| I certify that this <u>ENGINE</u>                                    |              |                        |              |                         |           |                |
| has been inspected in accordance with a <u>ANNUAL</u> inspection and |              |                        |              |                         |           |                |
| was determined to be in an <u>airworthy</u> condition.               |              |                        |              |                         |           |                |
| Date   | <u>35979</u> | N                      | <u>35979</u> |                         |           |                |
| Tach Time  | <u>4152</u>  |                        |              |                         |           |                |
| Total Time   | <u>4152</u>  |                        |              |                         |           |                |
| <u>7156654771A</u>   |              |                        |              |                         |           |                |

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ENGINE LOG

| DATE  | DURATION     | ACCUMULATED TOTAL TIME |              | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|--------------|------------------------|--------------|-------------------------|-----------|----------------|
|   |              | HOURS                  | 10THS        |                         |           |                |
| 19  |              |                        |              |                         |           |                |
| I certify that this <u>ENGINE</u>   |              |                        |              |                         |           |                |
| has been inspected in accordance with a <u>ANNUAL</u> inspection and  |              |                        |              |                         |           |                |
| was determined to be in an <u>airworthy</u> condition.  |              |                        |              |                         |           |                |
| Date  | <u>35979</u> | N                      | <u>35979</u> |                         |           |                |
| Tach Time   | <u>4770</u>  |                        |              |                         |           |                |
| Total Time  | <u>4770</u>  |                        |              |                         |           |                |
| <u>7156654771A</u>  |              |                        |              |                         |           |                |
| <p>7/19/86 TACH 518.4 Drained oil, check and replace filter, serviced with 8 qts Aeroshell 150W.</p> <p><u>David E. Breda</u><br/>AP547027377EA</p> |              |                        |              |                         |           |                |

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ENGINE LOG

| DATE    | DURATION  | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS   | SIGNATURE       | LICENSE NUMBER |
|---------|-----------|------------------------|-------|---|-----------------|----------------|
|         |           | HOURS                  | 10THS |   |                 |                |
| 19 87   |           |                        |       |   |                 |                |
| 12/2/87 | Tach 623. | 2                      |       | Compression checked 1) 73/80 2) 74/80 3) 74/80 4) 74/80<br>Drained oil, check and replace filter and service with 8qts of Aeroshell 80W. Clean + gap all spark plugs. Check magnets to engine timing. Ground am up satisfactory no leaks. This engine has been inspected in accordance with a Annual inspection and was determined to be in satisfactory condition.<br>Control Aero Corporation<br>Frederick Municipal Airport<br>Frederick, MD 21701<br>301-694-5555 | David C. Purdie | A7P547027377IA |

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ENGINE LOG

| DATE    | DURATION            | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE | LICENSE NUMBER |
|---------|---------------------|------------------------|-------|--|-----------|----------------|
|         |                     | HOURS                  | 10THS |  |           |                |
| 19 89   |                     |                        |       |  |           |                |
| 11/5/89 | Tach time 700.5hrs. |                        |       | Compression checked #1-72/80 #2-74/80 #3-78/80 #4-74/80.<br>Drained the oil, inspected and cleared the sump screen, installed new CFC-100 oil filter, and serviced with 7qts 50/100AP Aeroshell oil. Cleaned, gapped and tested the spark plugs. Installed a new Brockert air filter assy. PW BA5710. Magneto to Engine timing checked. Cleaned the fuel strainer bowl. Filed, sanded and painted prop. Had right muffler welded were cracked. Had right muffler large welded were broken. Reinstalled right muffler with new hardware were needed. Secured outer cover on prop gear cable with safety wire. (Was loose). Fabricated and installed on new baffles brace by alternator. Installed new intake gasket on #3 cylinder intake pipe. Complied with AD88-12-12 fuel system modification by installing fuel strainer cable. but per instruction in STC 502344CE. Varred the engine and cooling. Checked and lubricated the Engine parts. Ground run up and load check were satisfactory. I certify that this Engine has been inspected in accordance with a 100hr. |           |                |

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ENGINE LOG

| DATE     | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE | LICENSE NUMBER |
|----------|----------|------------------------|-------|--|-----------|----------------|
|          |          | HOURS                  | 10THS |  |           |                |
| 19       |          |                        |       |  |           |                |
|          |          |                        |       | inspection and was determined to be in an airworthy condition. Thomas H Mabels. ACP # 173428608.   |           |                |
| 1/5/89   | Tach     | 700.5                  |       | I certify that this engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. — David C. Rodda<br>Control Aero Corporation<br>Frederick Municipal Airport<br>Frederick, MD 21701<br>301-694-5555<br>A/P 547027377IA |           |                |
| 10/13/89 | Tach     | 750.6                  |       | Oil checked & replaced oil filter, and spark with 79's of Aerobell 15W/50. Ground run-up satisfactory. no leaks.<br>David C. Rodda<br>A/P 547027377  |           |                |

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ENGINE LOG

| DATE   | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE | LICENSE NUMBER |
|--------|----------|------------------------|-------|--|-----------|----------------|
|        |          | HOURS                  | 10THS |  |           |                |
| 19     |          |                        |       |  |           |                |
| 2/2/90 | TACH     | 755.9                  |       | T.O. 755.9 — COMPLETED 100 HR. Insp I/A/W 100 HR. Insp. Repair. OIL & FILTER NOT CHANGED AT THIS TIME. COMPRESSION CHECKED AS FOLLOWS - 1) 72 2) 68 3) 71 4) 74. REPLACED TWO SPARK PLUGS. REPLACED ALUMINUM FITTING IN CRACK AIR DRIP. GAV. OIL LINE WITH NEW STEEL FITTING. REPLACED ALL CABIN HT. INETS AND INTAKE AIR FETS. REPLACED ROCKER COVER GASKET ON CYC #1. <del>REMOVED</del> REMOVED EXHAUST, REMOVED CYC #1 STEEL FIT DALLARD REPAIR TO CRACK AT FLANGE, MODIFIED L-1K MUFFLER SUPPORT I/A/W S-IE 77-35, REINSTALLED EXHAUST WITH ALL NEW BLOW-PROOF GASKETS & NEW HANGERS AS REQUIRED. WASHED ENGINE & LUBED CONTACTS. RUN-UP & LEAK CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 17 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. David C. Rodda ACP # 217560972 |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE



ENGINE LOG

| DATE    | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS   | SIGNATURE | LICENSE NUMBER |
|---------|----------|------------------------|-------|---|-----------|----------------|
|         |          | HOURS                  | 10THS |   |           |                |
| 3/6/91  |          | 820.4                  |       | I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. David C Redds ATP 547027377 IA                                   |           |                |
| 5/30/91 |          | 848.0                  |       | Installed EliteCraft Turbo turbo-normalizing system in accordance with Elitecraft Turbo drawings list NO. D177 RG-100 as approved by STC # SE4082NM See form 337 This page<br>Gary R Baker 419138580 IA |           |                |
| 9/24/91 |          | 902.6                  |       | Drained oil check & replace filter, and serviced with Perseus 15W/50. Run up satisfactory no leaks.<br>David C Redds ATP 547027377  |           |                |

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ENGINE LOG

| DATE   | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE | LICENSE NUMBER |
|--------|----------|------------------------|-------|--|-----------|----------------|
|        |          | HOURS                  | 10THS |  |           |                |
| 4/3/92 |          |                        |       | 100 HR TOTAL TIME 930.59 - COMPLETED 100 HR ENGINE INSPECTION I/A/W 100 HR IMAP. REPORT. COMPRESSION CHECKED AT COLUMNS - 1) 76 2) 77 3) 79 4) 76. DRAINED OIL & CHANGED FILTER. CHECKED Sump Screen, opened & INSPECTED OIL FILTER - ALL OK. REFILLED WITH PERSEUS 15W-50. RE-PLUMED FOUR SPARK PLUGS WITH NEW RHM 382's, CLEANED & GAPPED OTHERS. INSTALLED NEW CRANK SHAFT OIL PAN, REINSTALLED prop, TORQED & SATISFIED. DRESSED MINOR NICKS IN prop. O/W A.D. 90-04-06 R1 BY REPAIRMENT OF STEEL LINE WITH FLEX HOSE I/A/W APPENDIX 2 OF A.D. WASHED ENGINE & COOL. RUN-UP & LEAK CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. Frank G. Young ATP # 217560972 |           |                |

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ENGINE LOG

| DATE    | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS   | SIGNATURE      | LICENSE NUMBER |
|---------|----------|------------------------|-------|---|----------------|----------------|
|         |          | HOURS                  | 10THS |   |                |                |
| 4/3/94  | TACH     | Total - 930.5          |       | I certify that this engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.   | David C. Redde | A4P547027377IA |
|         |          |                        |       | Control Aero Corporation<br>Frederick Municipal Airport<br>Frederick, MD 21704  |                |                |
| 1/30/94 | TACH     | 976.71                 |       | CHANGED OIL & FILTER, REFILED WITH 765 MEROSHELL 15W-50 RUN UP & LEAK CHECK OK. Signed D. Long ALP # 217520572  |                |                |
| 5/5/93  | TACH     | TOTAL TIME 995.75      |       | COMPLETED ENGINE INSPECTION I/ALW ANNUAL INSP. REPORTS. COMPRESSION CHECKED AS FOLLOWS - 1) 74 2) 79 3) 78 4) 79/80. DRAINED OIL & CHANGED FILTER, OPENED & INSPECTED OLD FILTER & JUMP SCREEN - ALL OK. CURVED & GAPPED PULSES. REPLACED ALL FUEL & AIR LINES NOT CHANGED BY PREVIOUS TUNING WITH NEW HOSE PARTS BY STANISLAW. WASHED ENGINE & COOL. RUN UP & LEAK CHECK SATISFACTORY. I CERTIFY |                |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE (CONT'D)

ENGINE LOG

| DATE         | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS   | SIGNATURE | LICENSE NUMBER |
|--------------|----------|------------------------|-------|---|-----------|----------------|
|              |          | HOURS                  | 10THS |   |           |                |
|              |          |                        |       | (FROM PREVIOUS PAGE) THIS THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Signed D. Long ALP # 217520572 I.A.      |           |                |
| 2-10-94      | TACH     | 1043.5                 |       | CHANGED OIL & FILTER MEROSHELL 15W50<br>James C. Redde  |           |                |
| June 3, 1994 | TACH     | 1063.8                 |       | COOL engine - check engine controls<br>Chg oil filter (OK) 4- Ad 93-0205 by inspection and added 2 new clamps Replace Air Filter Comp Checks 1-7/80 2-7/80 3-7/80 4-7/80 Met 1/22 ALP 5072671 |           |                |
|              |          |                        |       | I certify this engine has been inspected in accordance with FAR 43 Appendix D as shown on this date, and is in an airworthy condition and as of this date, eligible to be flown.              |           |                |
|              |          |                        |       | DATE: June 3, 1994 1063.8<br>TACH: 1063.8 Signature: Met 1/22 I.A.<br># 5072671   |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

| DATE  | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS   | SIGNATURE         | LICENSE NUMBER |
|---|----------|------------------------|-------|---|-------------------|----------------|
|   |          | HOURS                  | 10ths |   |                   |                |
| 9/14/94   |          | 1094                   | 45    | DRAINED & REPLACED OIL & FILTER,<br>AEROSHELL 15W50 (8QT), CF0100 FILTER  | M. J. [Signature] | 1856823        |
| 5/9/95  |          | 1146                   | 32    | DRAINED OIL & REPLACED FILTER, (CF0100)<br>INSTALLED 8 QT AEROSHELL 15W50   | M. J. [Signature] | 1856823        |
| July 14, 1995   | 12-h     |                        |       | MS9.76 check - lubrication engine controls<br>Fuel & Oil Filters, 2 new Oil Filter checks & clean plugs<br>Comp Check 1-7/80 2-7/80 3-7/80 4-7/80 M. J. [Signature] | M. J. [Signature] | 507263671      |
| <p>I certify the engine has been inspected in accordance with FAR 43 Appendix 'D' in accordance with a [Signature] inspection and as of this date, returns it to service. DATE July 14, 1995</p> <p>EACH 1159.76 Signature M. J. [Signature] IA<br/>507263671</p> |          |                        |       |   |                   |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

| DATE   | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS   | SIGNATURE         | LICENSE NUMBER |
|--|----------|------------------------|-------|---|-------------------|----------------|
|  |          | HOURS                  | 10ths |   |                   |                |
| 10/30/85   |          | 1196                   | 69    | DRAINED & REPLACED OIL & FILTER<br>8 QT AEROSHELL 15W50, CF0100 FILTER  | M. J. [Signature] | 1856823        |
| Aug 14, 1996   |          |                        |       | Tach reads 1247.37 Clean engine check engine controls oil & fuel filters, change oil Aeroshell 15W50 new filters for oil & filter. Dial 96-09-10 - per factory rep engine has aluminum & steel oil pump 90215 Compliance Time 5 years or TBO, whichever is first. Comp Check 1-7/80 2-7/80 3-7/80 4-7/80 Ad 96-12-07 due at Tach 1242.9 M. J. [Signature] | M. J. [Signature] | 507263671      |
| <p>I certify the engine has been inspected in accordance with FAR 43 Appendix 'D', in accordance with a [Signature] inspection, and as of this date, return it to service. T.T. 1247.37</p> <p>Date Aug 14, 1996 Tach 1247.37<br/>Signature M. J. [Signature] IA = 507263671</p> |          |                        |       |   |                   |                |
| November 26, 1996  |          | 1268                   | 10    | C/W AD 96-23-03. AD NOT APPLICABLE DUE TO ENGINE SHIPPING<br>DATE & FUEL PUMP MFG. DATE M. J. [Signature]   | M. J. [Signature] | 1856823        |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

| DATE         | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE          | LICENSE NUMBER |
|--------------|----------|------------------------|-------|--|--------------------|----------------|
|              |          | HOURS                  | 10THS |  |                    |                |
| 1/11/97      |          | 1284                   | 12    | DRAINED & REPLACED OIL & FILTER<br>8 QT AEROSHELL 15W50, CFO 100   | <i>M. S. S. S.</i> | 1852823        |
| 1/28/97      |          | 1291                   | 70    | OVERHAULED PROPELLER & DYNAMICALLY<br>BALANCED PROPELLER. SEE PROPELLER<br>LOG FOR DETAILS. WORK PERFORMED BY<br>BYAM PROPELLER SERVICE, MCKINNEY FIELD, FT NORTH, TX  | <i>M. S. S. S.</i> | 1852823        |
| 6/23/97      |          | 1332                   | 44    | DRAINED & REPLACED OIL & FILTER<br>8 QT AEROSHELL 15W50, CFO-100 FILTER  | <i>M. S. S. S.</i> | 1852823        |
| Oct 10, 1997 |          |                        |       | Tach 1045.54 Clean overhaul engine and engine controls<br>Change oil filter check fuel screen clean + gap plugs<br>Chg Bracket Air filter 5/6 Ad 96-12-07 Impulse on Mag checked<br>OK Comp Check - 1-76/80 2-77/80 3-76/80 4-74/80 Mic - 1.111<br>AoP 307263671 |                    |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

| DATE     | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS  | SIGNATURE          | LICENSE NUMBER |
|----------|----------|------------------------|-------|--|--------------------|----------------|
|          |          | HOURS                  | 10THS |  |                    |                |
| 19       |          |                        |       | I certify this ENGINE has been inspected in accordance with FAR 43 Appendix D, in accordance with a Annual inspection, and as of this date, return it to service. T.T. 1245.07 |                    |                |
|          |          |                        |       | Date Oct 10, 1997 Tach 1045.54<br>Signature <i>M. S. S. S.</i> IA # 507263671  |                    |                |
| 10/23/97 |          | 1361                   | 52    | REPLACED BENDIX STARTER DRIVE<br>SEE WD 1448 AT BACK OF LOG FOR DETAILS  | <i>M. S. S. S.</i> | 1852823        |
| 12/1     |          |                        |       |  |                    |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE









MEMORANDA

Date

MEMORANDA

Date

MEMORANDA

Date

MAINTENANCE RELEASE

*Once fixed*

Item MP/FF Model or P/N 6080-H38  
Mfr United Tests, Inc Serial # 71152

The aircraft and/or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.



Pertinent details of the repair are on file at this repair station under  
Work Order No. 016899 Date 5-4-91 Signed ED MMB

*BaMM*  
AIRCRAFT INST. SERVICE, INC.  
STAPLETON INT'L AIRPORT  
BUILDING 39  
DENVER, CO 80207  
303-398-3734

Certificate #VQ2R249L  
Class I, II, III  
Limited Ratings:  
Instrument - Electronic

FAA Repair Station LVHR759K  
1661 West 240th Street  
Harbor City, California 90710

SIGNED AB Smith  
AUTHORIZED SIGNATURE

(OVER)

TV-  
A  
HE

MEMORANDA

Date

**CARRETT TURBO**

473212-9001

NR0115

NAME OF PART      COMPONENT      MODEL      SERIAL NO.

THE AIRCRAFT COMPONENT ABOVE WAS INSPECTED AND  
**SERVICEABLE**

Work Order No. 5459      Part No. 470842-9004  
Date 1-2-91      Part Name WASTEGATE      Serial UBR0103

This aircraft component identified above was completely overhauled in accordance with the manufacturer's specifications and with the current Regulations of the Federal Aviation Administration and is approved for return to service.  
Reprint details of the repair are on file at this repair station under

NO. OR SERVO-ON REGULATIONS OF THE

Work Order No. 5459  
Date 1-2-91      Signed Dan Main

47590

Signature of Authorized Individual  
**MAIN TURBO SYSTEMS, INC.**  
234 North Cotta - Visalia, CA 93291

TEL (209) 227-1600 • Local Station #MAMV190K • FAX (209) 527-1960

OVER

FORM 100-1-1-80 (REV. 1-80)

MEMORANDA

Date

**GARRETT TURBO** 465292-9001 **TI R0115**

NAME OF MFG. COMPONENT SERIAL NO.

**SERVICEABLE**

Mfr. Name AIRESEARCH Part No. 470688-5  
Part Name Controller Serial UDR0402

The aircraft component identified above was completely overhauled in accordance with the manufacturer's specifications and with the current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under

Work Order No. 5458  
Date 4-3-91 Signed Ray Man  
(Signature of Authorized Individual)

**MAIN TURBO SYSTEMS, INC.**

**234 North Cotta • Visalia, CA 93291**

Phone (209) 627-1644 • Repair Station #MAMR190K • FAX (209) 627-1960

Harbor City, California 90710

SIGNED [Signature]  
AUTHORIZED SIGNATURE

(OVER)

AND/OR SERVICE REGULATION DETAILS OF THE R.K.

**C47590**

MEMORANDA

Date

**GARRETT TURBO**

465292-9001

TIR0115

NAME OF MFG.

COMPONENT

MODEL

SERIAL NO.

THE AIRCRAFT COMPONENT ABOVE WAS INSPECTED AND

- OVERHAULED
- REPAIRED - CONTINUED TIME
- TESTED
- CALIBRATED

IN ACCORDANCE WITH APPLICABLE MANUFACTURERS OVERHAUL AND/OR SERVICE LITERATURE, COMPLIES WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE WITH THIS AGENCY UNDER WORK.

ORDER NUMBER OC 47590

Aircraft Systems Group  
Garrett Automotive-North America

DATE SEP 22 1990

FAA Repair Station LVHR759K  
1661 West 240th Street  
Harbor City, California 90710

SIGNED *AB Smith*  
AUTHORIZED SIGNATURE

(OVER)

MEMORANDA

Date

**GARRETT**

Allied-Signal Inc.  
Garrett Automotive-North America



**AIRCRAFT PRODUCTS  
REPAIR AND OVERHAULED EQUIPMENT WARRANTY**

The following warranty is reproduced from the Garrett Aftermarket Division Form DAO4 Distributor Agreement and is subject to change in accordance with such Agreement. As used in this warranty, the term "Seller" means Garrett Aftermarket Division and the term "Buyer" means the Distributor purchasing repair or overhauled equipment from Seller.

**WARRANTY:**

- (a) "Repair" as referred to herein means returning malfunctioning or damaged equipment to a serviceable condition in accordance with applicable publications and applicable Seller's specifications and drawings by correcting malfunctions and damage.

"Overhauled Equipment" as referred to herein means equipment overhauled by performing, in accordance with applicable publications and applicable Seller's specifications and drawings. (1) disassembly of equipment, (2) inspection, (3) repair, (4) other rework and replacement of component parts, (5) reassembly, and (6) test. Unless otherwise stated, Seller's procedures comprise common parts of its equipment upon disassembly.

- (b) The following warranties shall run to the Buyer, its successors, assigns and customers.

**REPAIR WARRANTY:** Seller warrants that equipment delivered hereunder is free from defects in workmanship with respect to replaced parts and repair services.

**OVERHAULED EQUIPMENT WARRANTY:** Seller warrants that equipment delivered hereunder is free from defects in material and workmanship.

- (c) The warranty period shall expire three (3) months after first use of repaired or overhauled equipment ("Equipment") or fifteen (15) months after delivery from Seller's factory, whichever is earlier. The correction of any Equipment pursuant to this warranty shall not extend the aforementioned warranty period.

(OVER)



7-6F-740

0197.06



"LOOK FOR THE RED AND BLUE  
CESSNA PENNANTS FOR THAT  
EXTRA SERVICE WHERE IT COUNTS  
WHEN YOU NEED IT."

CESSNA AIRCRAFT COMPANY WICHITA, KANSAS