

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

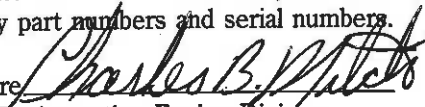
TEXTRON Lycoming

TLRED-489
(Rev. 3-93)

652 Oliver Street
Williamsport, PA 17701 U.S.A.

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **IO-540-K1G5D**
Serial #: **RL-20095-48A**
Total Time: **0.0**
Work Order #: **GJ0114706**
Date Completed: **1-24-97**

Authorized Signature: 
Textron Lycoming Reciprocating Engine Division
652 Oliver Street
Williamsport, PA 17701
Repair Station: **EJ1R115K**

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING T.D-540-K1G5D B1-20095-48A
MAKE MODEL SERIAL
FROM FEBRUARY 18 19 97 TO _____ 19 _____
DETAILING TIME FROM _____ 0.0 _____ TO _____
HOURS HOURS

SSP 1872-1

October 1994

ENGINE DESCRIPTION

| | | |
|-----------------------|------------------------------|-------------------------|
| Mfg. TEXTRON LYCOMING | Place Williamsport, PA 17701 | Date |
| Type | Model | Serial No. |
| Rated H.P. | Max. H.P. | Weight (Dry) |
| Rated R.P.M. | Max. R.P.M. | Oil Pressure |
| Bore | Stroke | Displacement Cu. In. |
| Compression Ratio | Supercharger Ratio | |
| Reduction Gear Ratio | | |
| Propeller HAP.TZELL | Hub Design HC-C3YR-1R.F | Hub Serial No. DY.37454 |
| Blade Design F7663R | Blade Serial No. | Blade Serial No. |
| Max. Hub H.P. | Max. Blade H.P. | |
| Pitch | Diameter | Length |
| Name | | |
| Address | | |

ENGINE LOG

Serial No

EL-2D095-48A

INSTALLED METER TIME 1950.4 = fash

T.T.: 0

S.M.O.H.: 0

DATE: 02-18-97

INSTALLED THIS ENGINE ON 1978 PIPER PA-32RT-300, N39478 S/N 32R-7885221. SERVICED WITH 14 QTS. OF 100 MIN. OIL. REPLACED HOSES & BELTS AS NECESSARY. REMOVED & REINSTALLED PROP GOVERNOR AFTER OVERHAULED (SEE TAG). REPLACED LORD MOUNTS P/N J3804-40. INSTALLED HARTZELL PROPELLER, HC-C3YR-1RF/F7663R S/N DY3745A, PER STC NO. SA1791GL. SEE 337 DATED 2-18-97.

THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A
INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY
CONDITION.

PRECISION AIR, INC., FAA REPAIR STATION #PB4R434M

RT. 8, BOX 685, MANNING, SC 29102 803-478-4764

PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS AGENCY UNDER
WORK ORDER NO. 001493 DATE: 2-18-97

SIGNED:

INSPECTOR:

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License
Number

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Serial No. _____

**All repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.**

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|--|-----------------------|----------------|
| | Hrs | Min | | | |
| | | | HOBBS: <u>1997.1</u> | DATE: <u>05-09-97</u> | |
| | | | SERVICED ENGINE WITH 11 QTS. OF 15W50 OIL. | | |
| | | | REPLACED OIL FILTER WITH CHAMPION P/N CH48103. | | |
| | | | REPLACED AIR FILTER WITH PIPER P/N 460-632. | | |
| | | | SIGNATURE: <u>DAVID GRIFFITH</u> <i>David Griffith</i> | | |
| | | | CERTIFICATE NO: <u>IA 263157315</u> | | |
| | | | Brought Forward | | |
| | | | Total to Date | | |

f a

Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

License
Number

Date

Time

Hrs

Min

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Signature

License
Number

MIDLANDS AVIATION 1400 JIM HAMILTON BLVD. COLUMBIA, S.C. 29205

DATE: 08-08-97

N39478

METER: 2056.52

CHANGED OIL AND FILTER, SERVICED WITH 12 QTS OF ARRO 15W50. ADDED TWO

CANS OF AVBLEND. WASHED AND LEAK CHECKED.

[Signature]

Ad 24327792C

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|--|-----------|----------------|
| | Hrs | Min | | | |
| | | | <p>MIDLANDS AVIATION 1400 JIM HAMILTON BLVD. COLUMBIA, S.C. 29205</p> <hr/> <p>DATE: 10-03-97 N39478 METER: 2090.63</p> <p>CHANGED OIL AND FILTER. SERVICED WITH 12 QUARTS AEROSHELL 15W50. ENGINE CLEANED, GROUND RUN AND LEAK CHECKED SATISFACTORY.</p> <p><i>[Signature]</i> ACP 243277926</p> | | |
| | | | <p>MIDLANDS AVIATION 1400 JIM HAMILTON BLVD. COLUMBIA, S.C. 29205</p> <hr/> <p>DATE: 5-18-98 N39478 METER: 2192.3</p> <p>CHANGED OIL AND FILTER. SERVICED WITH 12 QUARTS AEROSHELL 15W50. ENGINE CLEANED, GROUND RUN AND LEAK CHECKED SATISFACTORY.</p> <p><i>[Signature]</i> AP 244020439</p> | | |

ENGINE LOG

Serial No. _____

Date

Time

Signature

License
NumberTACH: 2132.08S.M.O.: 181.61DATE: 03-04-98

REPLACED A/C COMPRESSOR BELT & ALTERNATOR BELT. REPLACED INDUCTION AIR FILTER, PER BRACKETT AIRCRAFT COMPANY STC NO. SA693CE. SEE 337 DATED 3-4-98. REPLACED OIL FILTER (CH48103). C/W A.D. 95-26-13, OIL COOLER HOSES. A.D.'S CHECKED THRU BIWEEKLY SUPPLEMENT 98-03.

THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION.

PRECISION AIR, INC., FAA REPAIR STATION #PB4R434M

RT. 8, BOX 685, MANNING, SC 29102 803-478-4764

PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS AGENCY UNDER WORK

ORDER NO.

001555

DATE:

3-04-98

SIGNED:

INSPECTOR:



Serial No.

Signature

License
Number

SIGNATURE: JAMES STOIA

CERTIFICATE NO: 266046100

TACH: 2229.30

SMOH: 242.3

DATE: 07-01-98

SERVICED ENGINE WITH 11 QTS. OF 15W50 OIL. REPLACED OIL FILTER
WITH CHAMPION P/N CH48103.

SIGNATURE: THOMAS R. STOIA

CERTIFICATE NO: A&P 267830477

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1

ENGINE LOG

Serial No. _____

License
Number

TACH: 2265.46

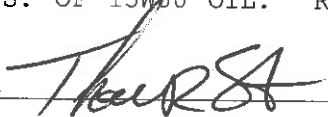
SMOH: 278.46

DATE: 08-19-98

License
Number

SERVICED ENGINE WITH 12 QTS. OF 15W50 OIL. REPLACED OIL FILTER
WITH CHAMPION P/N CH48103.

SIGNATURE: THOMAS R. STOIA



CERTIFICATE NO: A&P 267830477

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date

License
Number

T.T.: 378.5

TACH.: 378.2

DATE: 02-26-99

SERVICED WITH 12 QTS. OF 15W50 OIL. REPLACED OIL FILTER (CH48103).
C/W A.D. 93-02-05, INJECTOR LINES. C/W A.D. 95-26-13, OIL COOLER
HOSES. A.D.'S CHECKED THRU BIWEEKLY SUPPLEMENT 99-03. COMPRESSION
CHECKED.

1 $\frac{76}{80}$

2 $\frac{71}{80}$

3 $\frac{76}{80}$

4 $\frac{73}{80}$

5 $\frac{75}{80}$

6 $\frac{75}{80}$

THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR
INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION.

PRECISION AIR, INC., FAA REPAIR STATION #PB4R434M

RT. 8, BOX 685, MANNING, SC 29102 803-478-4764

PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS AGENCY UNDER WORK
ORDER NO. 001616 DATE: 2-26-99

SIGNED:

INSPECTOR:

Dad B. Saffick

TACH: 2346.8DATE: 05-12-99License
Number

SERVICED ENGINE WITH 11 QTS. OF 100W AEROSHELL OIL. REPLACED OIL FILTER, CH48103. C/W LYCOMING SERVICE INSTRUCTION 1492B, OIL SAMPLE.

SIGNATURE: DAVID GRIFFITH*David B. Griffith*CERTIFICATE NO: IA 263157315License
Number

7-14-99 Tach 2374.5 Changed oil and filter. Installed CH48103 oil filter and 11 qts 15W50 Aeroshell oil. Took oil sample. Ground run ok.

*David B. Griffith**A+P263157315*

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

DATE: 07-12-99

TACH: 2376.0

SERVICED THIS ENGINE WITH 12 QTS. OF 15W50 OIL. REPLACED OIL
FILTER WITH CHAMPION CH48103. GROUND RUN-UP SATISFACTORY.

SIGNATURE: 

CERTIFICATE NO.: A&P 267830477

DATE: 10-14-99

TACH: 2422.77

SERVICED WITH 12 QTS. OF 15W50 OIL. REPLACED OIL
FILTER (CH48103). GROUND RUN-UP SATISFACTORY.

SIGNATURE: THOMAS R. STOIA 

CERTIFICATE: A&P 267830477

DATE: 12-22-99.

HOBBS: 2466.7

TACH: 2461.33

SERVICED ENGINE WITH 11 QTS. OF 15W50 OIL. REPLACED OIL
FILTER WITH CHAMPION P/N CH48103.

SIGNATURE: DAVID GRIFFITH

CERTIFICATE NO: IA 263157315

License
Number

Page Total

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Total to Date

**All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.**

[illegible]

Date: 02-23-2000 Tach: 2493.95
Serviced with 12 Qts. of 15W50 oil.
Replaced oil filter (CH48103). C/W
AD 93-02-05 Injector lines. C/W AD
96-12-07 Impulse couplings. Compression
checked. Pre and post run-up performed.
Compression checked. AD's checked thru
biweekly supplement 2000-02.
This engine has been inspected in
accordance with an annual inspection
and is determined to be in airworthy
condition.

Christopher R Blakeley
A&P262948660IA

[illegible]

License
Number

Serial No.

| | | | | | |
|------|------|-----|---|-----------|----------------|
| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
| | Hrs | Min | | | |

TACH: 2521.9

SERVICED ENGINE WITH 11 QTS. OF 15W50 OIL. REPLACED OIL FILTER WITH
CHAMPION P/N CH48103. GROUND RUN-UP SATISFACTORY.

SIGNATURE:

DAVID GRIFFITH A&P 263157315

[illegible]

ENGINE LOG

Serial No. _____

1978 PIPER PA-32RT-300 LANCE, N39478 S/N 32R-7885221

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ier

DATE: 05-23-2001

TACH: 2611.2

SERVICED ENGINE WITH 11 QTS. OF 15W50 OIL. REPLACED OIL FILTER WITH CHAMPION P/N CH48103. GROUND RUN-UP SATISFACTORY.

SIGNATURE: David B. Griffith

DAVID B. GRIFFITH A&P 263157315

DATE: 11-01-00

HOBBS: 2553.1

TACH: 2561.6

SERVICED ENGINE WITH 11 QTS. OF 15W50 OIL. REPLACED OIL FILTER WITH CHAMPION P/N CH48103. GROUND RUN-UP SATISFACTORY.

SIGNATURE: David B. Griffith

DAVID B. GRIFFITH A&P 263157315

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|----------|-------------|-----|---|--|----------------|
| | Hrs | Min | | | |
| 02-21-01 | Tach 2592.4 | | Changed oil and Filter, Serviced with 11qt 15w-50 Aeroshell oil. Oil sample sent to Lab. Cleaned and gapped spark plugs. Replaced all three muffler cans and exhaust risers on right side. Repaired cabin Heat shroud around muffler cans. Reinstalled using new exhaust gaskets and hardware. Replaced seat hose for windshield de frosting. Checked mag timing. Checked Fuel Injector Lines per AD 93-02-05. Checked oil cooler hoses per A.D. 95-26-13. AD 99-05-09 N/A, Brackett Foam air F. Her Installed. Washed Engine Ground now checked ok. This engine has been Inspected per an 100Hr, found to be airworthy and is approved for Return to Service. D and B Sniffen 26315 7715 I.A | | |
| | | | Page Total | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. | |
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| | | | Total to Date | | |

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|----------------|
| | Hrs | Min | | | |
| | | | | | |

DATE: 10-31-2001

TACH: 2383.3

SERVICED ENGINE WITH 11 QTS. OF 15W50 OIL. REPLACED OIL FILTER WITH CHAMPION P/N CH48103. GROUND RUN-UP SATISFACTORY.

SIGNATURE: David B. Griffith DAVID GRIFFITH A&P 263157315

DATE: 08-22-2001

HOBBS: 2646.6

TACH: 2696.0

SERVICE WITH 11 QTS. OF 15W50 AEROSHELL OIL. REPLACED OIL FILTER WITH CHAMPION P/N CH48103. GROUND RUN-UP SATISFACTORY.

SIGNATURE: David B. Griffith DAVID B. GRIFFITH A&P 263157315

ENGINE LOG

Serial No. _____

License
Number

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|--------|------|------|---|--|-------------------|
| | Hrs | Min | | | |
| 3-1-02 | 2 | 14.8 | Compression check #1 12/80 #2 15/80 #3 16/80 #4 15/80 #5 16/80 #6 14/80. Drained oil, took oil sample, changed oil filter. Service with 1 qt. 15W-50 Acrostar II oil. Cleaned and gapped spark plugs. Cleaned fuel nozzles. Checked main timing. Checked rods Thru this date. AD 95-26-13 oil cooler hoses checked ok. AD 99-05-09 paper air filter N/A. Brackett foam filter install. AD 93-02-05 fuel injector lines checked ok. AD 2000-18-53E oil filter adapter N/A due to overhaul date. AD 96-12-07 Impulse coupling die at 2993, washed engine, ground run, checked ok. This engine has been inspected per an 100 hr. final tube airworthy and is approved for return to service. Dad B. Bufford FA 263157315 | | |
| | | | Page Total | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. | |
| | | | Brought Forward | | |
| | | | Total to Date | | |

DATE: 08-07-2002TACH: 2757.1SERVICED WITH 11 QTS. OF 15W50 OIL. REPLACED OIL FILTER (CH48103).
GROUND RUN-UP SATISFACTORY.

SIGNATURE: _____

David B. Griffith

DAVID B. GRIFFITH A&P 263157315

| | |
|--|--|
| March 15, 2003 Tach 2819.0 Compression check #1 74/80, #2 74/80, #3 74/80, #4 74/80, #5 77/80, #6 75/80 | |
| Drained oil and changed R/Ws. Serviced with 11 qts 15W-50 Aeroshell oil. Cleaned and gapped spark plugs. Checked mag timing. Removed prop and installed new alternator and R/W Belts. Reinstalled prop. Checked A/D's thru this date. AD 2002-26-01 Fuel Injection Lines ok. | |
| AD 2002-23-06 retaining bolt R/W Engine has dual mag. Ground run ok, no leaks noted. | |
| This engine has been inspected per a 100 Hrs, found to be airworthy and is | |
| Page Total | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. |
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| Total to Date | |

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
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| | Hrs | Min | | | |
| | | | approved for return to service Paul B Griffith IA 263157315 | | |
| | | | | | |
| | | | | | |

DATE: 07-09-2003TACH: 2855.5

CHANGED OIL USING 11 QTS. OF AEROSHELL 15W50. REPLACED OIL FILTER (CH48103). C/W LYCOMING SERVICE INSTRUCTION, OIL SAMPLE. GROUND RUN-UP SATISFACTORY.

SIGNATURE

Paul B Griffith

DAVID GRIFFITH A&P 263157315

DATE: 09-18-2003TACH: 2884.5

CHANGED OIL USING 11 QTS. OF AEROSHELL 15W50. REPLACED OIL FILTER (CH48103). GROUND RUN-UP SATISFACTORY.

SIGNATURE:

Paul B Griffith

DAVID GRIFFITH A&P 263157315

57315

#675/80

gapped

He Belts

is ok

is noted

is

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|---------|------|-----|--|-----------|----------------|
| | Hrs | Min | | | |
| 3-16-01 | Tach | 29 | 25.9 Compression check #1 77/80, #2 72/80, #3 77/80, #4 77/80, #5 76/80, #6 74/80. Drained oil and changed filter. Cut open filter, checked valve. Serviced with 11 qts 15w 50 Ameskill oil. Cleared spark plugs, checked sag timing. Replaced elbow at fuel screw inlet. A/Ds checked thru this date. Inspected Fuel Injection Lines per AD 2002-26-01. Ground run ok, no leaks noted. This engine/prop has been inspected per an 100 hr, found to be airworthy and is approved for return to service. David B. Griffith IA 263157315 | | |

1978 PIPER PA-32RT-300 LANCE, N39478 S/N 32R-7885221

DATE: 06-04-2004

TACH: 2948.0

INSTALLED FACTORY NEW MAGNETO P/N 10-682560-13. GROUND RUN-UP
SATISFACTORY.

SIGNATURE: David B. Griffith

DAVID B. GRIFFITH A&P 263157315

07/02/04 N39478, Piper PA32/RT Tach 2950.0

Discrepancy= Pilot advised Lt.mag Very rough. Disassembled and found Lt points closed and Lt point cam follower melted. Tested both Capacitors and found LT. Cap bad. Also found #2 bottom spark plug lead defective.

Action= Installed 2 new PN ES10-382681 capacitors and 2 new PN 10-382685 breaker point sets. Installed new PN M2919 Dual Mag cap and ignition harness..Timed points to Magneto and installed mag and timed to engine IAW Lycoming service manual. Run up and mag check OK. Acft was test flown and was OK.

Robert R. Morrison

Robert R. Morrison A&P 1279652

1978 PIPER PA-32RT-300, N39478 S/N 32R-7885221

DATE: 11-02-2004

TACH: 2996.4

SERVICED ENGINE WITH OIL WITH 11 QTS. OF 15W50 OIL SAMPLE COMPLIED WITH. REPLACED OIL FILTER WITH CH48103. GROUND RUN-UP SATISFACTORY.

SIGNATURE: *David B. Griffith*

DAVID B. GRIFFITH A&P 263157315 1A

Serial No. _____

Signature

License
Number

license
lumber

500

5000

02-26-01

0000

UP

DATE: 2-19-05 REG # N39478
A/C TIME: 3033.5 MAKE: PA34 Piper
MODEL: PA34RT-300 S/N: 32R-7885221

Removed AND REPLACED MAGNETO
ASSY P/N BL68250-13R S/N MFG NO.
G705AA017R AND BOTH LEFT AND
RIGHT CAPACITORS ON CAP P/N ES10-
382681 OPERATIONAL TEST GOOD AT
THIS TIME IAW PA34RT-300 S/N
CH 8-30

THE AIRCRAFT, ENGINE, PROPELLER ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. ✻ PH 843-238-8100 FAX 843-238-9100

SIGNATURE**CERTIFICATE #**

AP313825019

Serial No.

[illegible]

**All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.**

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| | | | Brought Forward |
| | | | Total to Date |

ENGINE LOG

Serial No. _____

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| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|-------------------|
| | Hrs | Min | | | |

DATE: 04-01-2005

T.T.: 1091.2

TACH: 2746.1

OIL SAMPLE TAKEN FOR ANALYSIS. SERVICED WITH 12 QTS OF 15W50 AEROSHELL OIL. REPLACED OIL FILTER CH48103. CLEANED & CHECKED SPARK PLUGS. CHECKED MAGNETO TIMING. C/W A.D. 95-26-13, INSPECTED OIL COOLER LINES. C/W A.D. 2002-26-01, CHECKED FUEL INJECTOR LINES. A.D.'S CHECKED THRU BIWEEKLY SUPPLEMENT 2005-06. GROUND RUN-UP SATISFACTORY. COMPRESSION CHECKED.

1 $\frac{74}{80}$

2 $\frac{73}{80}$

3 $\frac{75}{80}$

4 $\frac{74}{80}$

5 $\frac{70}{80}$

6 $\frac{75}{80}$

THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100Hr INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNATURE: David B. Griffith

DAVID B. GRIFFITH A&P 263157315 IA

DATE: 07-21-2005TACH: 2774.2HOBBS: 3085.3

CHANGED OIL USING 11 QTS. OF 15W50 AEROSHELL. REPLACED OIL FILTER (CH48103).
GROUND RUN-UP SATISFACTORY.

SIGNATURE: David B. Griffith

DAVID B. GRIFFITH A&P 263157315

DATE: 9-30-2005TACH: 3134.2HOBBS: 2817.0

DRAINED OIL & REPLACED OIL FILTER (CH48103-1). SERVICED WITH 12 QTS. OF 15W50
AEROSHELL OIL. REMOVED PROPELLER, INSTALLED ALTERNATOR BELT (P/N 73965-009),
REINSTALLED PROPELLER. GROUND RUN-UP SATISFACTORY.

SIGNATURE: David B. Griffith

DAVID B. GRIFFITH A&P 263157315 IA

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| | | | Page Total | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. | |
| | | | Brought Forward | | |
| | | | Total to Date | | |

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|---|-----------|----------------|
| | Hrs | Min | | | |

DATE: 03-17-2006

T.T.: 1199.6

HOBBS: 2854.5

3191.8 tach

DRAINED OIL & REPLACED FILTER. OIL SAMPLE WAS TAKEN, CUT OPEN FILTER, NOTHING NOTED. SERVICED WITH 11 QTS. 15W50 AEROSHELL OIL. CLEANED SPARK PLUGS. CLEANED FUEL INJECTOR NOZZLES. CHECKED MAGNETO TIMING. REPLACED ALTERNATOR & AIR CONDITIONING BELTS. A.D.'S CHECKED THRU BIWEEKLY SUPPLEMENT 2006-05. COMPRESSION CHECKED.

1 $\frac{78}{80}$

2 $\frac{72}{80}$

3 $\frac{76}{80}$

4 $\frac{74}{80}$

5 $\frac{77}{80}$

6 $\frac{75}{80}$

THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hr INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNATURE: _____

David B. Griffith

DAVID B. GRIFFITH A&P 263157315 IA

6070 Perimeter Rd.
North Charleston, SC 29406

Model IO-540-K1600
S/N AL-20045-489
Reg. # N39478

Date 09/29/06
HOBBS 2881.5
WO# 22571

License
Number

Reg. # N57476
This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

Drained oil and inspected filter. Installed new filter, P/N AA48103, and serviced with Aeroshell 15W50 oil. Engine ground run and leak check satisfactory.

CRS# I1BR578Y

Page Total

Brought Forward

Total to Date

**All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.**

ENGINE LOG

Serial No. _____

Date Model IO-540-K1G5D
S/N RL-20095-48A
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 03/27/07 sense
TACH 3271.46 mber
WO# 22765
TTAF 3271.46

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

C/W Annual insp. IAW FAR 43 appendix D and Piper M/M. C/W AD 02-26-01 fuel injector line insp. Installed new #1 - 5 cylinder rocker cover gaskets, P/N 67193. Replaced induction air filter. Adjusted mag timing. Drained oil and inspected filter. Installed new filter, P/N AA4810³, and serviced with Aeroshell 15W50 oil. Engine ground run and leak check satisfactory. Compression check: 1) 76/80 2) 72/80 3) 74/80 4) 76/80 5) 74/80 6) 72/80

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



CRS# I1BR578Y

Reg. # N39478

Interstate Turbine Management

6070 Perimeter Rd.

North Charleston, SC 29406

Date 04/11/07

HOBBS 15.1

WO# 22801

ense
nber

Da1

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

Installed new oil temp vernatherm, P/N AEL19600.

CRS# I1BR578Y

10/15/2007

DRAINED OIL & INSPECTED FILTER. INSTALLED NEW FILTER, P/N A448103,
AND SERVICED W/ AEROSEAL 15W50 OIL. ENGINE COLD RUN AND LEAK
CHECK SATISFACTORILY. HORBS 45.2, TTAF 3311.57
RETURNED TO SERVICE BY OPERATOR *[Signature]*

Page Total

Brought Forward

Total to Date

**All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.**

Service Bulletins, Letters, Instructions & A D Notes

DATE _____

Model IO-540-K1G5D
S/N RL-20095-48A
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 04/01/08
HOBBS 64.7
WO# 23244
TSOH 1379.68

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

C/W Annual insp. IAW FAR 43 appendix D and Piper M/M. C/W AD 02-26-01 fuel injector line insp.
Drained oil and inspected filter. Installed new filter, P/N AA48103, and serviced with Aeroshell 15/50 oil.
Engine ground run and leak check satisfactory. Compression check: 1) 76/80, 2) 76/80, 3) 77/80, 4) 76/80,
5) 76/80, 6) 76/80.

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



CRS# I1BR578Y

inse
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103,
LEAK

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

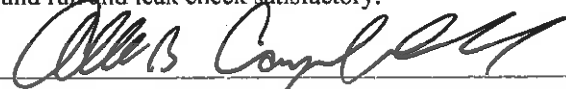
Model IO-540-K1G5D
S/N RL-20095-48A
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 3/5/09
HOBBS 103.4
WO# 23750
TACH 3330.08

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

Drained oil and inspected filter. Installed new filter, P/N AA48103, and serviced with Aeroshell 15W50 oil. Engine ground run and leak check satisfactory.



CRS# I1BR578Y

Service Bulletins, Letters, Instructions & A D Notes

DATE _____

Model IO-540-K1G5D

S/N RL-20095-48A

Reg. # N39478

Interstate Turbine Management

6070 Perimeter Rd.

North Charleston, SC 29406

Date 05/01/09

TACH 3370.39

WO# 23843

TSOH 1378.19

Engine: C/W Annual insp. IAW FAR 43 appendix D and Piper M/M. C/W AD 08-14-07 external fuel injection lines. Installed one new spark plug, P/N RHM38S. C/W 500 HR mag inspection. Installed 2 new drive gear kits, P/N 10-682016. Reinstalled mag using new gasket and timed. Compression test: 1) 75/80 2) 74/80 3) 76/80 4) 78/80 5) 75/80 6) 77/80

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

Allen B. Collier

CRS# I1BR578Y

Model IO-540-K1G5D
S/N RL-20095-48A
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 6/11/10
HOBBS 142.9
WO# 24406
TSOH 1453.19

C/W Annual insp. IAW FAR 43 appendix D and Piper M/M. C/W AD 09-26-12 ECI cylinders by inspection and found N/A due to Lycoming cylinders installed. Installed four new screws, P/N 10-382881, on mag cover. Drained oil and inspected filter. Installed new filter, P/N AA48103, and serviced with Aeroshell 15W50 oil. Engine ground run and leak check satisfactory. Compression check: 1) 72/80, 2) 74/80, 3) 74/80, 4) 78/80, 5) 76/80, 6) 74/80.

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

Allen S Campbell

CRS# 11BR578Y

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE SERIAL NUMBER **CL-20095-48A**

IN SERVICE DATE **02/89** ENG. T.T. **0.0**

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

Handwritten:
~~Book Closed~~
3/30/11 Steve R. Raley
Chick Aviation
27-72438 ADP