

TRIAD
AVIATION

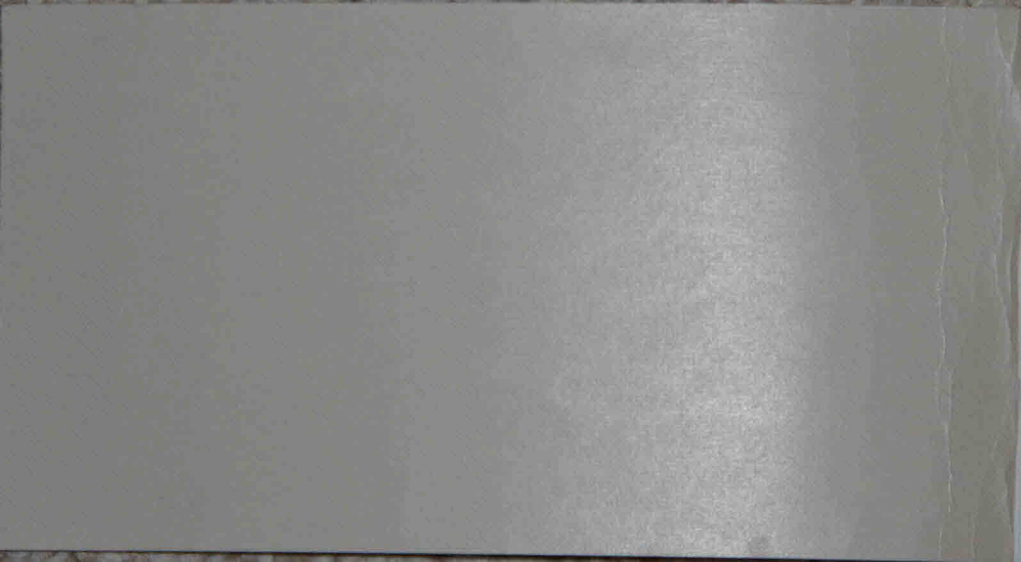
Triad Aviation, Inc.

3439 South Aviation Drive
Burlington, NC 27215
910/227-1467

(R)

FAA-PP4R448M

Log Book



Engine Record General Information

Manufacturer _____ Model _____

Serial _____ Type Certificate _____

This engine is currently installed in aircraft _____

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

Engine Record General Information

Manufacturer _____ Model _____

Serial _____ Type Certificate _____

This engine is currently installed in aircraft _____

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

DATE _____ RECEIVING _____ TODAY'S _____ TOTAL _____
TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes and Service Bulletins are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 10250.

MAKE Lycoming

MODEL TIO-540-C1A

S/N L-4499-61A

DATE 1/12/99

TSMOH 000.00

TOTAL TIME 3492.3

HM: 1709.3

TRIAD
AVIATION

Triad Aviation, Inc.
FAA Repair Station #PP4R448M
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
910/227-1467

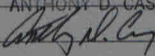
Osman M. Rashed
Authorized Signature

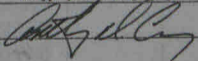
pair

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>Test ran Lycoming TIO-540-C1A S/N L-4499-61A, 2 hours, 15 minutes, RPM 2575, oil pressure 82 lbs., oil temperature 200°, CHT 370°, mag check at 2100 RPM, L 50 RPM, R 50 RPM. Compression test cylinder #1 77/80 #2 78/80 #3 76/80 #4 78/80 #5 78/80 #6 77/80. See W.O.# 10250 for all pertinent details.</p> <p>This engine and/or component is approved for return to service. All pertinent details on file this repair station.</p> <p>TRIAD AVIATION, INC. FAA REPAIR STATION # PP4RA46M</p> <p>Signed: <u>William R. Basha</u> Date <u>1-12-99</u></p>

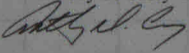
DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
MAR 1	8 1999	H.M 1709.3	TI 2653.4	TSMOH 2.3. THIS ENGN WAS INSTALLED IN THE RIGHT (#2) position on Piper Aztec N159B serial number 27-3754047. ENGINE WAS INSTALLED WITH NEW LOREL MOUNTS PART NO. J9613-12 AND NEW BOLTS. ALL FLUID HOSES REPLACED WITH NEW. ALL ACCESSORIES OVERHAULED. FOR DETAILS SEE TRDAD AVIATION WORK ORDER #10250. CLEANED, REPAIRED & PAINTED ENGINE BAFFLES. REPLACED BAFFLE MATERIAL. INSTALLED AND RIGGED CONTROL CABLES IAW PIPER SERVICE MANUAL PN 753564. SERVICED ENGINE WITH AEROSHELL 100 MINERAL OIL. INSTALLED NEW BRACKET AIR FILTER ELEMENT. REPLACED ENGINE DRAIN LINES WITH NEW. WASHED ENGINE. RUN AND CHECK FOR LEAKS. AIRCRAFT TEST FLOWN BY OWNER. AD 91-08-07 C/W BY REPLACES.

DATE 19 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				ment of fitting with p/n 02A21380. AD 91-14-22
				clw by REPLACEMENT of GEAR INW SB 475B. AD
				93-02-05 clw By REPLACEMENT of LINES & CHAMPS.
				AD 98-18-12 clw by fuel pump overhaul. SCREW
				Torque check due @ 1759.3 H.M. For complete AD
				LIST. SEE AD COMPLIANCE RECORD. ANTHONY D. CASEY
				A&P 251967817
				Anthony D. Casey
				SEE NEXT PAGE for INSPECTION INFO.

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				DATE <u>MAR 18 1999</u> TOTAL TIME <u>2453.4</u> TACH. <u>1709.3</u> <u>2.3 sm on</u> I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION ANTHONY D. CASEY A&P 251967817 <u>IA</u>  CITY OF SPARTANBURG SPARTANBURG DOWNTOWN AIRPORT 500 AMMONS ROAD SPARTANBURG, SC 29306 (864) 574-8550

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
MAY 17 1999		HHR 17	45.7	TSMCH 38.7 DRAINED OIL & SERVICED WITH Aeroshell 50/100 MINERAL OIL. REMOVED & REPLACED OIL FILTER w/ new CH48110 filter. Performed OIL Analysis sample. INSPECTED OIL Sump SCREEN. NO CONTAMINANTS NOTED. REINSTALLED WITH NEW gasket. WASHED CNG. Rcvd & checked for leaks. ANTHONY D. CASEY A4PR51967817 IA 
				CITY OF SPARTANBURG SPARTANBURG DOWNTOWN AIRPORT 500 AMMONS ROAD SPARTANBURG, SC 29306 (864) 574-8560

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
NOV 10 1999	H.M.	1847-6	DRAINED OIL & SERVICED WITH Acrosnell 15W50. REMOVED & INSPECTED OIL FILTER FOR CONTAMINANTS. NONE FOUND. INSTALLED NEW CH48/KC OIL FILTER. INSPECTED OIL SOAP SCREEN. WASHED ENG. Room & Check In logs. PERFORMED ROUTINE OIL Sample. ANTHONY D CASEY CITY OF SPARTANBURG SPARTANBURG DOWNTOWN AIRPORT 500 ARMYDAYS ROAD SPARTANBURG, SC 29306 (804) 574-8560	A&P 251967817 IA <i>[Signature]</i>

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p> Piper PA 23-250 PA23-250 Lycoming TIO 540 C1A </p> <p> Reg. No. 159B Ser. No. 27-7754047 serial number L-4499-61A </p> <p> Date: February 15, 2000 Tach: 1898.5 TTAF: 3681.5 TSMOH: 189.2 </p> <p> Drained oil and serviced with Aeroshell 15W50 oil. Removed and inspected oil filter for contaminants. None found. Performed oil analysis. Installed new CH48110 oil filter. Washed engine. Run and check for leaks. </p> <p> Anthony D. Casey A&P 251967817 IA </p> <p>  </p> <p> for: City of Spartanburg Spartanburg Downtown Memorial Airport 500 Ammons Road Spartanburg, SC 29306 864 574 8560 </p>

DATE

19

Piper PA 23-250 PA23-250
Lycoming TIO 540 C1A

Reg. No. 159B Ser. No. 27-7754047
serial number L-4499-61A

Plan or Repair

Date: April 6, 2000 Tach: 1914.6 TTAF: 3697.6 TSMOH: 205.3

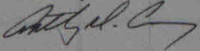
This engine has been inspected IAW a 100 hour/Annual inspection. Removed and inspected plugs. Cleaned and reinstalled with new gaskets. Performed compression check: #1 78/80 #2 77/80 #3 78/80 #4 77/80 #5 78/80 #6 78/80. Inspected and tested ignition harness. Checked mag timing. Inspected magneto breakers. Inspected exhaust system. Replaced induction air filter element part number BA3505. Removed, cleaned, inspected and reinstalled fuel injector nozzles with new "O" rings. Inspected fuel injection lines IAW AD 93-02-05. Replaced starter drive bushing part number MZ298, starter shaft part number MZ326A and starter shaft pin part number 90-2139. Washed engine. Run and check for leaks.

Anthony D. Casey A&P 251967817 IA

for: City of Spartanburg

Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560

DATE 19 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>DATE <u>APR 06 2000</u></p> <p>TOTAL TIME <u>205.35 min</u> TACH. <u>1914.6</u></p> <p>I CERTIFY THAT THIS <u>Engine</u></p> <p>HAS BEEN INSPECTED IN ACCORDANCE WITH</p> <p>A <u>100 Hr Annual</u> INSPECTION AND WAS</p> <p>DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>ANTHONY D. CASEY A&P 251967317 <u>IN</u></p> <p><i>Anthony D. Casey</i></p>

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>Piper PA 23-250 PA23-250 Reg. No. 159B Ser. No. 27-7754047 Lycoming TIO 540 C1A serial number L-4499-61A</p> <p>Date: ^{May 31, 2000 AK} April 6, 2000 Tach: 1938.3 TTAF: 3721.3 TSMOH: 229.0</p> <p>Drained oil and serviced with Aeroshell 15W50. Removed and inspected oil filter for contaminants. None found. Installed new CH48110 oil filter. Performed oil analysis. Washed engine. Run and check for leaks.</p> <p>Anthony D. Casey A&P 251967817 IA for: City of Spartanburg  Spartanburg Downtown Memorial Airport 500 Ammons Road Spartanburg, SC 29306 864 574 8560</p>

DATE 19 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Piper PA 23-250 PA23-250 Lycoming TIO 540 C1A				Reg. No. 159B Ser. No. 27-7754047 serial number L-4497-61A (left) L-4499-61A (right)
Date: May 01, 2001 Tach: 2047.4 TTAF: 3830.4 TSMOH: 338.1				
This engine has been inspected IAW a 100 hour/annual inspection. Removed, cleaned inspected and reinstalled plugs. Performed compression check: #1 78/80 #2 78/80 #3 75/80 #4 78/80 #5 76/80 #6 78/80. Inspected mag breakers. Checked mag timing. Removed cleaned and reinstalled fuel injector nozzles with new "O" rings. Inspected fuel injection lines IAW AD 93-02-05. Next inspection due @ 2147.4. Inspected and tested Ignition harness. Inspected exhaust system. Replaced Induction air filter element part number BA3505. Washed engine. Run and check for leaks.				
Anthony D. Casey A&P 251967817 IA for: City of Spartanburg Spartanburg Downtown Memorial Airport 500 Ammons Road Spartanburg, SC 29306 864 574 8560				

[illegible]

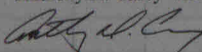
DATE 19 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-----------------	---------------------------	-------------------	-----------------------------	--

Piper PA 23-250 PA23-250 Reg. No. 159B Ser. No. 27-7754047
 Lycoming TIO 540 C1A serial number ~~L-4497-61A (left)~~ L-4499-61A (right)

Date: November 3, 2000 Tach: 1971.1 TTAF: 3754.1 TSMOH: 261.8

Drained oil and serviced with Aeroshell 15W50. Removed and inspected oil filter for contaminants. None found. Installed new CH48110 oil filter. Performed oil analysis. Washed engine. Run and check for leaks.

Anthony D. Casey A&P 251967817 IA for: City of Spartanburg
 Spartanburg Downtown Memorial Airport
 500 Ammons Road
 Spartanburg, SC 29306
 864 574 8560

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>Piper PA 23-250 PA23-250 Reg. No. 159B Ser. No. 27-7754047 Lycoming TIO 540 C1A serial number L-4497-61A(left) L-4499-61A (right)</p> <p>Date: February 20, 2001 Tach: 2032 TTAF: 3815 TSMOH: 322.7</p> <p>Drained oil and serviced with Aeroshell 15W50. Removed and inspected oil filter for contaminants. None found. Installed new CH48110 oil filter. Performed oil analysis. Washed engine. Run and check for leaks.</p> <p>Anthony D. Casey A&P 251967817 IA for: City of Spartanburg  Spartanburg Downtown Memorial Airport 500 Ammons Road Spartanburg, SC 29306 864 574 8560</p>

DAT

19

Piper PA23-250
Textron Lycoming

Registration Number: 159B Serial Number: 23-7754047

Model: TIO 540-C1A

Serial Number: L-4497-61A (L)

Serial Number: L-4499-61A ®

Hartzell

Model: HC-E2YR-2RBSF

Serial Number: BP 8265 (L)

Serial Number: BP8278 ®

or Repair

Date: July 1, 2002 HM 2123.9 TTAF: 3906.9 TSMOH: 414.6 TSPOH:1190.5

This aircraft has been inspected IAW a 100 hour/Annual inspection. Drained oil and serviced with Aeroshell 15W50. Removed and inspected oil filter for contaminants. None found. Installed new CH48110 oil filter. Performed oil analysis. Removed, cleaned, inspected and reinstalled plugs. Performed compression check: #1 78/80 #2 78/80 #3 77/80 #4 78/80 #5 76/80 #6 78/80. Inspected magnetos and checked mag timing. Inspected and tested ignition harness. Cleaned and inspected fuel injectors. Inspected fuel injection lines IAW AD 93-02-05. Next injection line inspection due @ 2223.9. Inspected muffler and exhaust system. Installed new induction air filter element. Inspected exhaust system. Washed engine. Run and checked for leaks.

Anthony D. Casey

for: City of Spartanburg

A&P 251967817 IA

Spartanburg Downtown Memorial Airport

500 Ammons Road

Spartanburg, SC 29306

864 574 8560

[illegible]

Piper PA23-250
Textron Lycoming

Registration Number: 159B
Model: TIO 540-C1A

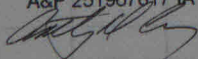
Serial Number: 23-7754047
Serial Number: L-4497-61A (L)
Serial Number: L-4499-61A ®
Serial Number: BP 8265 (L)
Serial Number: BP8278 ®

Technician or Repair

Date: October 21, 2002 HM 2160.0 TTAF: 3943.0 TSMOH: 450.7 TSPOH: 1226.6

1. Drained oil and serviced with Aeroshell 15W50.
2. Removed and inspected oil filter for contaminants.
3. Performed oil analysis.
4. Installed new CH48110 oil filter.
5. Washed engine.
6. Run and checked for leaks.

Anthony D. Casey
A&P 251967817 IA



for: City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560

Piper PA23-250	Registration Number: 159B	Serial Number: 23-7754047	
Textron Lycoming	Model: TIO 540-C1A	Serial Number: L-4497-61A (L)	an or Repair
		Serial Number: L-4499-61A ®	
Hartzell	Model: HC-E2YR-2RBSF	Serial Number: BP 8265 (L)	
		Serial Number: BP8278 ®	

Date: September 2, 2003 HM 2214.1 TTAF:3997.1 TSMOH:504.8 TSPOH:1280.7
HHM:53.4

1. Performed annual inspection.
2. Drained oil and serviced with Aeroshell 15W50.
3. Inspected oil sump screen.
4. Removed and inspected oil filter for contaminants.
5. Installed new CH48110 oil filter.
6. Performed compression check: #1 76/80 #2 75/80 #3 78/80 #4 76/80 #5 72/80
#6 79/80.
7. Inspected and serviced spark plugs and reinstalled with new gaskets.
8. Inspected and serviced fuel injectors.
9. Inspected fuel injection lines IAW AD 93-02-05. Next inspection due @ 2314.1.
10. Inspected and tested ignition harness.
11. Inspected magnetos and checked mag timing.
12. Replaced induction air filter element.

13. Washed engine.

14. Run and checked for leaks.

15. The Aircraft and/or component identified above has been inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details are on file at this agency under work order # 200200359 dated July 28, 2003.

cian or Repair

Anthony D. Casey
A&P 251967817 IA

for: City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560

DATE SEP 02 2003

TOTAL TIME 504.8 TACH. 2214.1

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

SIGNATURE

CERTIFICATION NO. A&P 251967817 IA

DATE

19.

Piper PA23-250
Textron Lycoming

Registration Number: 159B
Model: TIO 540-C1A

Serial Number: 23-7754047
Serial Number: L-4497-61A (L)
Serial Number: L-4499-61A ®
Serial Number: BP 8265 (L)
Serial Number: BP 8278 ®

an or Repair

Hartzell

Model: HC-E2YR-2RBSF

Date: December 5, 2004 HM 2265.2 TTAF:4048.2 TSMOH:555.9 TSPOH:1331.8
HHM:57.2

1. Performed annual inspection.
2. Drained oil.
3. Performed oil analysis.
4. Removed and inspected oil sump screen and reinstalled with new gasket.
5. Removed and inspected oil filter for contaminants.
6. Removed accessory case.
7. Replaced crankshaft gear retaining bolt IAW AD 2004-05-24.
8. Installed Lycoming bolt kit part number 05K19987.
9. Reinstalled accessory case and accessories with new gaskets.
10. Serviced engine with Aeroshell 15W50.
11. Installed new CH48110-1 oil filter.
12. Performed compression check: #1 76/80 #2 75/80 #3 75/80 #4 76/80 #5 74/80
#6 75/80.

DAT

19

n or Repair

13. Serviced and inspected spark plugs
14. Installed 12 new REB 37E spark plugs.
15. Inspected and tested ignition harness.
16. Removed magnetos.
17. Inspected magnetos IAW TCM/Bendix 500 hour inspection.
18. Reinstalled magnetos and set mag timing.
19. Inspected Romec fuel pump IAW AD 2003-14-03. Next inspection due @ 2315.2.
20. Serviced and inspected fuel injectors.
21. Inspected fuel injection lines IAW AD 2002-26-02. Next inspection due @ 2365.2.
22. Replaced intake hoses part number 69603 and gaskets part number 71793.
23. Replaced turbocharger insulation blankets part numbers 4-652568-3, 4-652568-5, 4-652568-7.
24. Replaced exhaust flange seal @ wastegate.
25. Replaced turbocharger induction clamp.
26. Replaced exhaust crossover flange seal.
27. Replaced hardware on overboard exhaust duct.
28. Replaced turbocharger V band clamp.
29. Cleaned and painted turbocharger mount.
30. Replaced turbocharger mounting hardware.
31. Replaced exhaust transition seal.
32. Fabricated and replaced turbo controller oil line.
33. Replaced crankshaft seal.

DA

19

34. Washed engine.

35. Run and checked for leaks.

36. Set idle speed and mixture.

37. The Aircraft and/or component identified above have been inspected in accordance with current Federal Aviation Regulations and were found Airworthy for return to service. Pertinent details are on file at this agency under work order # 200200723 dated August 31, 2004.

an or Repair

Patrick M. Cobb
A&P 237982541 IA

for: City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560

DATE

DEC 05 2004

TOTAL TIME

4048.2

TACH.

2265.2

I CERTIFY THAT THIS

Aircraft

HAS BEEN INSPECTED IN ACCORDANCE WITH

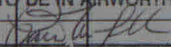
A

Annual

INSPECTION AND WAS

DETERMINED TO BE IN AIRWORTHY CONDITION

SIGNATURE



CERTIFICATION NO.

A 237982541 IA

RH ENGINE LOG

Piper PA23-250

"N" Number: N159B

Serial Number: 27-7754047

RH Engine: Lycoming Model: TIO-540-C1A

Serial Number: L-4499-61A

Date: February 1, 2006

Hobbs: 2307.4

ACTT: 4090.4

LH TSOH: 598.1

RH TSOH: 598.1

LH TT: 4090.4

RH TT: 4090.4

LH Prop TSN: 4090.4

RH Prop TSN: 4090.4

L & R TSOH: 1374.0


O/H DATE: 5/95

I certify this aircraft has been inspected In Accordance With an Annual inspection and determined to be in airworthy condition. The following discrepancies were corrected in accordance with the manufacturers maintenance manual.

1. Performed Annual inspection per Piper Inspection Guide
19. Compressions: RH 1: 78/80, 2: 72/80, 3: 76/80, 4: 76/80, 5: 76/80, 6: 72/80
2. Installed new bracket Air Filters PN BA-3505.
3. Cleaned all injector nozzles.
4. Installed new gasket on nose oil port and sealed crankcase thru bolts on LH engine.
5. Installed new vacuum filters B3-5-1 and D9-18-1.
6. Dressed, painted and lubed props as required.
7. C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2407.4.
8. Researched AD thru Revision 2006-01.

Patrick M. Cobb

A&P 237982541 1A



City of Spartanburg

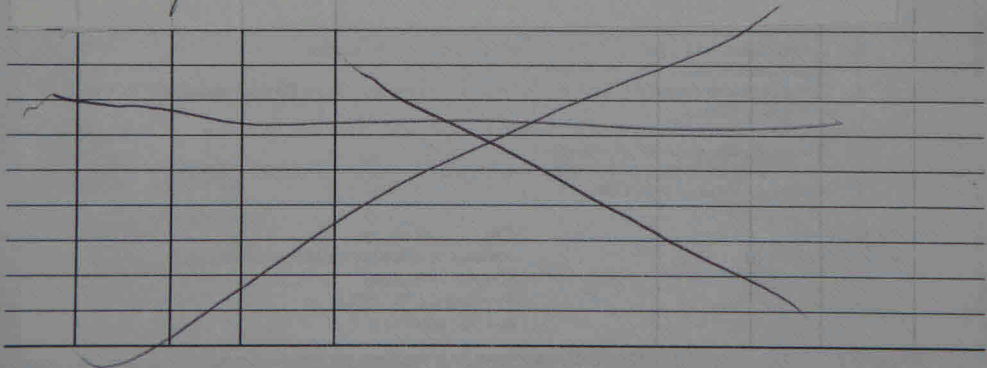
Spartanburg Downtown Memorial Airport

500 Ammons Road

Spartanburg, SC 29306

864 574 8560

or Repair



Piper PA23-250

RH Engine: Lycoming

Date: April 16, 2007

LH TSOH: 598.1

617.0 PNC

"N" Number: N159B

Model: TIO-540-C1A

Hobbs: 2326.3

RH TSOH: 617.0

Serial Number: 27-7754047

Serial Number: L-4499-61A

ACTT: 4109.4

LH TT: 4109.4

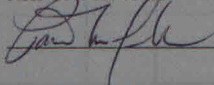
RH TT: 4109.4

I certify this aircraft has been inspected In Accordance With an Annual inspection and determined to be in airworthy condition. The following discrepancies were corrected in accordance with the manufacturers maintenance manual.

1. Performed Annual inspection per Piper Inspection Guide
2. Compressions: RH 1: 78/80, 2: 72/80, 3: 76/80, 4: 76/80, 5: 76/80, 6: 72/80
3. Installed new bracket Air Filters PN BA-3505.
4. C/W oil and filter change. Cut and inspected filter, no contamination noted. Serviced engines with 11 quarts Aeroshell 15W50 oil.
5. Installed serviceable hose on right engine wastegate oil drain.
6. Dressed, painted and lubed props as required.
7. C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2426.3.
8. Researched AD thru Revision 2007-06.

Patrick M. Cobb

A&P 237982541 IA



City of Spartanburg

Spartanburg Downtown Memorial Airport

500 Ammons Road

Spartanburg, SC 29306

864 574 8560

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections. Tests Done	
19					air

RH ENGINE LOG

Piper PA23-250
RH Engine: Lycoming
Date: 11/03/2008
LH TSOH: 603.8
"N" Number: N159B
Model: TIO-540-C1A
Hobbs: 2332.0
RH TSOH: 522.7.0
Serial Number: 27-7754047
Serial Number: L-4499-61A
ACTT: 4115.1
LH TT: 4115.1
RH TT: 4115.1

I certify this aircraft has been inspected In Accordance With an Annual inspection and determined to be in airworthy condition. The following discrepancies were corrected in accordance with the manufacturer's maintenance manual.

1. Performed Annual inspection per Piper Inspection Guide
2. Compressions: RH 1: 78/80, 2: 72/80, 3: 76/80, 4: 76/80, 5: 76/80, 6: 72/80
3. Installed new bracket Air Filters PN BA-3505.
4. C/W oil and filter change. Cut and inspected filter, no contamination noted. Serviced engines with 11 quarts Aeroshell 15W50 oil.
5. Installed serviceable hose on right engine wastegate oil drain.
6. Dressed, painted and lubed props as required.
7. C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2426.3.
8. Researched AD thru Revision 2008-21.

Patrick M. Cobb
A&P 237982541 1A

City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864.574.8560

DATE

19

Piper PA23-250
RH Engine: Lycoming
Date: 4/1/2010
RH TSOH: 526.0

"N" Number: N159B
Model: TIO-540-C1A
Hobbs: 2335.3
RH TT: 4118.4

RH ENGINE LOG

Serial Number: 27-7754047
Serial Number: L-4499-61A
ACTT: 4118.4

I certify this aircraft has been inspected In Accordance With an Annual inspection and determined to be in airworthy condition. The following discrepancies were corrected in accordance with the manufacturer's maintenance manual.

1. Performed Annual inspection per Piper Inspection Guide
2. Compressions: RH 1: 78/80, 2: 78/80, 3: 77/80, 4: 77/80, 5: 78/80, 6: 78/80
3. Installed new bracket Air Filters PN BA3505.
4. C/W oil and filter change. Cut and inspected filter, no contamination noted. Serviced engines with 12 quarts Aeroshell 15W50 oil.
5. Cleaned and gapped sparkplugs.
6. Dressed, painted and lubed props as required.
7. C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2435.3
8. C/W AD 2008-14-07 per SB342-E no defects noted, next due at 2435.3
9. C/W AD 2003-14-03 per AD instruction on rotary fuel pumps, no defects noted.
10. Researched AD thru Revision 2010-06.

Patrick M. Cobb
A&P 257982541 IA

City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560

Piper PA23-250
RH Engine: Lycoming
Date: 4/1/2010
L & R TSO: 626.0

"N" Number: N159B
Model: TIO-540-C1A
Hobbs: 2335.3
L & R TT: 4118.3

RH ENGINE LOG

Serial Number: 27-7754047
Serial Number: L-4499-61A

ACTT: 4118.3

L & R Prop TT: 4118.3

L & R TSO: 1401.9

Prop O/H DATE: 5/95

I certify this aircraft has been inspected In Accordance With an Annual inspection and determined to be in airworthy condition. The following discrepancies were corrected in accordance with the manufacturer's maintenance manual.

1. Performed Annual inspection per Piper Inspection Guide
2. Compressions: RH 1: 78/80, 2: 78/80, 3: 77/80, 4: 77/80, 5: 78/80, 6: 78/80
3. Installed new bracket Air Filters PN BA-3505.
4. C/W oil and filter change. Cut and inspected filter, no contamination noted. Serviced engines with 12 quarts Aeroshell 15W50 oil.
5. Cleaned and gapped sparkplugs.
6. Dressed, painted and lubed props as required.
7. C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2435.3
8. C/W AD 2008-14-07 per SB342-E no defects noted, next due at 2435.3
9. C/W AD 2003-14-03 per AD instruction on rotary fuel pumps, no defects noted.
10. Researched AD thru Revision 2010-06.

Patrick M. Cobb
A&P 787982641 IA



City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560

DATE

19

Piper PA23-250

RH Engine: Lycoming

Date: 5/15/2011

L & R TSO: 629.6

"N" Number: N159B

Model: TIO-540-C1A

Hobbs: 2338.9

L & R TT: 4121.9

RH ENGINE LOG

Serial Number: 27-7754047

Serial Number: L-4499-61A

ACIT: 4121.9

L & R Prop TT: 4121.9

L & R TSO: 1405.5

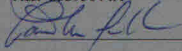
Prop O/H DATE: 5/95

I certify this aircraft has been inspected In Accordance With an Annual inspection and determined to be in airworthy condition. The following discrepancies were corrected in accordance with the manufacturer's maintenance manual.

1. Performed Annual inspection per Piper Inspection Guide
2. Compressions: RH 1: 76/80, 2: 73/80, 3: 79/80, 4: 76/80, 5: 77/80, 6: 75/80
3. Installed new bracket Air Filters PN BA-3505.
4. C/W oil and filter change. Cut and inspected filter; no contamination noted. Serviced engines with 12 quarts Acroshe11 15W50 oil.
5. Cleaned and gapped sparkplugs.
6. Dressed, painted and lubed props as required.
7. C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2439.5
8. C/W AD 2008-14-07 per SB342-E no defects noted, next due at 2439.5
9. C/W AD 2003-14-03 per AD instruction on rotary fuel pumps, no defects noted.
10. Researched AD thru Revision 2011-08.

Patrick M. Cobb

A&P 3539504 1A



City of Spartanburg

Spartanburg Downtown Memorial Airport

500 Ammons Road

Spartanburg, SC 29306

864 574 8560

RIGHT ENGINE LOG

Piper PA23-250
RH Engine: Lycoming

"N" Number: N159B
Model: T10-540-C1A

Serial Number: 27-7754047
Serial Number: L-4499-61A

Date: 6/21/2012
L & R TSO: 647.8

Hobbs: 2357.1 ACTT: 4140.1
L & R TT: 4140.1

L & R Prop TT: 4140.1

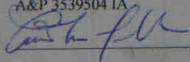
L & R TSO: 1423.7

Prop O/H DATE: 5/95

I certify this aircraft has been inspected In Accordance With an Annual inspection and determined to be in airworthy condition. The following discrepancies were corrected in accordance with the manufacturer's maintenance manual.

1. Performed Annual inspection per Piper Inspection Guide
2. Compressions: RH 1: 78/80, 2: 75/80, 3: 79/80, 4: 78/80, 5: 70/80, 6: 75/80
3. Installed new bracket Air Filters PN BA-3505.
4. C/W oil and filter change. Cut and inspected filter, no contamination noted. Serviced engines with 12 quarts Acroshell 15W50 oil.
5. C/W 91.207d by inspection of ELT. Battery next due 3/2016.
6. Cleaned and gapped sparkplugs.
7. Dressed, painted and lubed props as required.
8. C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2457.1
9. Researched AD thru Revision 2012-11.

Patrick M. Cobb
A&P 3539504 IA



City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560

DATE

19

RH ENGINE LOG

nician or Repair

Piper	PA23-250	N159B	SN: 27-7754047
RH Engine:	Lycoming	TIO-540-C1A	SN: L-4499-61A
RH Prop:	Hartzell	HC-E2YR-2RBSF	SN: BP8278
Date: 7/16/2013	Hobbs: 2368.7	ACTT: 4151.7	
L&R TSO: 659.4	L&R TT: 4151.7	L&R Prop TT: 4151.7	L&R TSO: 1435.3 Prop OH Date: 5/95

I certify this aircraft has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. The following discrepancies were corrected in accordance with the manufacturers maintenance manual.:

Performed Annual Inspection

LH Compression: 78, 76, 78, 78, 75/80.

Installed new BA-3505

C/W oil and filter change. No contaminants found in oil filters.

Cleaned and gapped sparkplugs.

Dressed, lubed and painted props as necessary.

C/W AD 2008-14-07 per SB342-E, no defects noted.

Researched ADs thru revision 2013-12.

Patrick M. Cobb

A&P 3539504 IA

PLANE WERKS (828) 286-1474 N159B - Right

March 11, 2015 Hobbs: 2370 TTSMOH: 660.7

Inspect Engine IAW Lycoming Manual. Drain Oil, Refill with Aeroshell 100W Plus. Replace Oil Filter p/n AA48110. Particle Check OK. Clean and Regap Spark Plugs. Replace Air Filter BA-15. Replace all Aeroquip 303 & Stratoflex 111 hose. Replace Oil Breather Elbows P/N 21459-00.

AD's CK'd. See Compliance Report This Date.

Run up/Leak Check OK. Return to Service.

Compression Ck: 1-73/80, 2-72/80, 3-77/80, 4-74/80, 5-71/80, 6-69/80

RH

RUSSELL M. HYDE: AI#242744527

-----END-----

DATE:

March 2015

TACH:

2370

TTSMOH:

660.7

**I CERTIFY THAT THIS ENGINE/ PROP HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100 HOUR
ANNUAL
INSPECTION & WAS DETERMINED TO BE IN
AIRWORTHY CONDITION.**

SIGNED:

Russell Hyde

Russell Hyde 242744527 AI

s, Tests, Repairs and Alterations

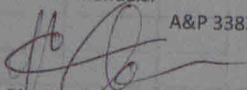
ame, Rating and Certificate Number of Technician or Repair
if specific entries.)

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	-------------------	-----------------------------	--

Date: 4/07/2015 N159B Piper PA-23-250 Serial Number 27-7754047
 Right Hand Engine Logbook: Hobbs: 2373.6 Aftt: 4156.6 Smoh:664.3

Removed engine cowling. Performed compression as follows: 1)78/80 3) 74/80 5) 72/80 2) 78/80 4) 76/80 6) 75/80. Replaced bad upper deck line hoses with new units. Removed exhaust from waste gate. Replaced with new unit part numbers LW11657 and LW11656 male and female flanges. Safety wired exhaust clamps. Cleaned all spark plugs. Rotated spark plugs and reinstalled. Ran up and leak tested. No leaks found at this time. Reinstalled engine cowlings. All work done per Piper PA-23-250 and Lycoming service manuals.

A&P 3383347


 Blanton Qualls

End