

Triad Aviation, Inc.

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

FAA-PP4R448M

Log Book



| Manufacturer | | pe Certificate |
|---|-------------------|----------------|
| Serial | | |
| This engine is currently installed in a | aircraft | |
| Minimum Octane Fuel | Oil Grade: Summer | Winter |
| Magneto Time | | |
| Spark Plug Gap | | |
| Manufacturer recommended overhau | | |

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 #

Lycoming MAKE L-4497-61A S/N_ **TSMOH**



Triad Aviation, Inc.

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

TIO-540-C1A MODEL 1/12/99 DATE

TOTAL TIME 3492.3

Hm 1709.3

Othman or arter Authorized Signature

| 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.) |
|------------|---------------------------|-------------------|-----------------------------|--|
| 50 d | 15 200 Con | minute P, CHI | s, RPM 2 | TIO-540-C1A engine, S/N L-4497-61A, 2 hours, 2575, oil pressure 85 lbs., oil temperature ag check at 2100 RPM, R 50 RPM, L 50 RPM. cylinder #1 78/80 #2 76/80 #3 78/80 #4 78/80 . See W.O.# 10249 for all pertinent details. |
| | | | | Fhis engine and/or component is approved for return to service. All pertinent details on file his repair station. TRIAD AVIATION, INC. FAA REPAIR STATION # FP48446M Signed: Three as Austral Date 1-12-99 |
| | | 25.0 | | |

| 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 | TSMOH 2.3 TT 2655.7. THIS ENG DIE HAS BEEN |
| | | | | DOSTRILED IN THE Number 1 (LEFT) Position of Piper |
| | | | | Aztec NIS9B SEZIAL NUMBER 27.7754047. THES |
| | | | | ENGINE WAS INSTALLED WITH NEW LORD MOUNTS PN |
| | | | | 59613-12 AND NEW BOLKS. ALL Fluid Hoses REPLACED. |
| | | | | All Accessories weekneded. For DEMERS SEE TRIAL |
| 77.5 | | | | ALLATIN , DUC. WO # 10249. REPLACED ENG BAFFLE |
| | 121 | | | Untriple INSTALLED AND RIGGED CONTROL CHECES. SERVED |
| N A | | 12 | | ENGRAE With Acroshell 100 MANGRAL O.Y. WASHED |
| (A) | E 587 | | | ENGAVE ENGAVE ANSTALLED THE P. P.CR SORVICE MANGEN |
| | | | | PART NUMBER 253 564. INSTALLED NEW BRACKET AIN FIFE |
| | | | 1000 | ELEMENT. REPLACED DRAIN LINE HOSES. RUN GUIDAGE. |

| 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.) |
|----|---------------------------|-------------------|-----------------------------|---|
| | | | No. of the | check for leaks. Alt TEST Flow By OLINGR. AD 91.080 |
| | | 1.10 | | cluby REPLACENCET of Fitting with pN 02A21380. AD |
| | - | 7.00 | | 91-14-22 cluby replacement of 60m TAW 58 475B |
| | | | | AD 93.02.05 c/w by RED PRESIDENT of tubes of clamps. |
| | | 1000 | | AD 98-18-12 c/w by Feel pump overhout. Setter torque |
| | | | | cheel due @ 1759.3 H.al. For complete AB GST, SEE |
| | | | | A.D. Compliance LECORD. ANTHONY D. CASEY |
| | | | | A & P 251967867 |
| | The same | | | SEE NEXT PAGE for aspect ton a Fo. |
| | | | | SEE NEXT PAGE for DISPECTION DIFO. |
| | 100 | | | |
| | The same | 100 | A | |

| | | | MAR 1 8 1999 DATE MAR 1 8 1999 TOTAL TIME 2655.7 TACH, 1709.3 HJM TSMAN 2.3 I CONTRACT THIS ENGINE HAS PARABECTED IN ACCORDAN WITH A RANGE INSPECTATION WAS DETERMINED TO BE IN AIRWORTHY CONDITION |
|--------------|-----------------------|---|---|
| 100 | | | HAS F AN INSPECTED IN ACCORDA WAS |
| W. 1 5 1 5 1 | 18 - 1 13 - 14 - 1 | | A ANNUA (INSPECTION OF WAS |
| | | | A ANNUA / INSPECT WAS |
| The Same | 1 5 3 | | DETERMINED TO BE IN AIRWORTHY CONDITION |
| 4 | 1000 | 1800 | ANTHONY DECASEY A&P 251967817 IA |
| | -1000 | 2 Marie | Conting at any |
| | 15 X 88 | 18. 18. 18. 18. 18. 18. 18. 18. 18. 18. | CITY OF SPANTANBURG SPANTANBURG DOWNTOWN AIRPORT 500 AMMONS ROAD |
| | 25.63 | 000 | SPARTANBURG, SC 29306 (874) 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.) |
|------------|---------------------------|-------------------|-----------------------------|---|
| M | AY 1 7 19 | 9 H.M | 17.45.7 | TSMOH 38.7, DRAINED Q:1 & SCRUCED W: the Accosh 11 |
| 1 | 2 3341 | 223 | 15 13 | SO/100 M: WERAL Q.1. Perform Q:1 Analysis sample. |
| 6 | 3 83735 | 4,000 | a 2011 | Remove of Replace Q: 12.1km when cH48110 Q1 |
| 1400 | 0 3 10 | DATE: | Number 1 | 7:142. DISPECT Q:1 Sump SLEED, No continuinants. |
| 100 | a Garth | De Contract | 14 (D) | DOINSMILED W: the NOW GIM KE. UMSH ONG. Lean of Cheel |
| 70 | A SHELL | NYS 3 | 4 400 | For lends. BUTHONY D. CASEY |
| | Sec. 1 | 90 VS | TOTAL STREET | Adf281967817 IA |
| 1 4 | 1 | 3415 | 160000 | Cathy el Con |
| | | 100 | | |
| | The Va | | 200 | CITY OF SPARTANBURG |
| | | 17.0 | | SPARTANGURG TOWNTOWN APPORT 500 AMMONS ROAD |
| | | | | SPARTARBURG, SC 29306 (864 574.8360 |

| 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.) |
|---------|---------------------------|--------------------------------------|-----------------------------|---|
| JUL 0 | 9 1999 H | u 176 | 4.0 75 | MON 57.0. PRIMONED DI Coole HARRISON P/W |
| 2 | 4.2.12. | South . | 10 10 | 8537602, DUSTAIL OH COOLEL PN 8537602 SN |
| - | des No | 3 13 | E A L | 798793. Replaces (0.1 file w/New CH48110 |
| Die | cost dimetric | 100 CO | weeks ? | Q:1 f. Her Replaces O:1 Temp SENDONG UNIT |
| Sign of | W Kan | AL WOR | | Gossler. Clamed & Dispected & Residence of plug. |
| | | | 1000 | W/New grakes. Set day frein to 20° WMH BG |
| 100,0 | | | 11.4 | Raw & Chal for leads. ANTHONY D. CASEY |
| 9 J. J. | | CIT | 'OF SHAP | TANDENING Adr 25/9678/7 TA |
| | | A DESCRIPTION OF THE PERSON NAMED IN | | G DOWNTOWN AIRPORT |
| | | - Chichigan | MANONS! | G. SC 20245 |
| | | | 574-2500 | Infort White |
| | | | | |

| 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.) |
|------------|---------------------------|-------------------|-----------------------------|---|
| SEP 1 | 4 1999 | HU 1819 | 49. INS | MICD feel pump pN RG 179805 SN B-9591-3402 MARCH |
| | | REPAIR | By App | cover tiseast theessairs. Piper SB 1035 car No Kinthe |
| 4 | | asper | fins ite | WILED. ANTHONY D. CASET |
| | | | | A4P 251967817 7# |
| | | | | athele, our or constanting |
| | | | | SPARTANEORG DOWNTOWN AIRPORT |
| | | 100 | | SPANTANDURG, SC 20266 |
| 17 | | | | (8,4) 574-6500 |
| NOV 1 | 0 1999 | H.M 18 | 47.6 | DRAINED Q'I & SERVICED WITH AEROSHELL ISWSO. ROMAND |
| | | | | DO:1 2:/fex, NO CONTIMINANTS NOTED. DUSTANED NEW |
| | | | | IKR. Performa O'l sample. WASKED CONG. RON & Cheel |
| | 10 100 | 70 /0 | als M | WITHOUT D. CASES ASPASSAG 7517 SA CATHERING |

| 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.) |
|----------------|---------------------------|-------------------|-----------------------------|---|
| 28.34 24.34 | Piper PA 2 | | | Reg. No. 159B Ser. No. 27-7754047 serial number L-4497-61A |
| | Lycoming Date: Febru | | | h: 1898.5 TTAF: 3681.5 TSMOH: 189.2 |
| | | s. None f | ound. Perfo | croshell 15W50 oil. Removed and inspected oil filter for rmed oil analysis. Installed new CH48110 oil filter. Washed |
| | Anthony D. | | &P 251967 | 817 IA for: City of Spartanburg Spartanburg Downtown Memorial Airport 500 Anunons Road Spartanburg, SC 29306 864 574 8560 |
| 100 | | | Philips | CARE TO A WAY AS TO A TOTAL AS A STATE OF |

| DATE 19 | RECORDING TACH TIME | TODAY'S FLIGHT | TIME IN | 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 Lycoming T | | | eg. No. 159B Ser. No. 27-7754047 rial number L-4497-61A |
| | plugs. Clean 77/80 #3 78/ timing. Inspe element part with new "O | has been i ed and rei /80 #4 77/ ected mag number I " rings. In | inspected IAW installed with no 180 #5 78/80 #6 ineto breakers. I BA3505. Remov | a 100 hour/Annual inspection. Removed and inspected ew gaskets. Performed compression check: #1 78/80 #2. 78/80. Inspected and tested ignition harness. Checked mag Inspected exhaust system. Replaced induction air filter ved, cleaned, inspected and reinstalled fuel injector nozzles ujection lines IAW AD 93-02-05. Washed engine. Run and |
| | Anthony D. | Casey A | &P 251967817 | IA for: City of Spartanburg Spartanburg Downtown Memorial Airport 500 Ammons Road Spartanburg, SC 29306 864 574 8560 |

| 19 | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Afterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|-----|---------------------------|-------------------|-----------------------------|--|
| 314 | | | | DATE APR 0 6 2000 |
| | | | | TOTAL THE 205.3 TACH 1914.5 |
| | | | | HAS BEEN INSPECTED IN ACCORDANCE WITH |
| | | | | DETERMINED TO BE IN AIRWORTHY CONDITION |
| | | | | Contly C. CASEY A&P 2519076172A |
| | | | | omy H. C |
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| | | | | THE RESERVE OF THE PERSON OF T |

| 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.) |
|------------|---------------------------|--------------------------|-----------------------------|---|
| | Lycon | ning TIO | 0 PA23-25 540 C1A | 250 Reg. No. 159B Ser. No. 27-7754047 serial number L-4497-61A (left) ch: 1938.3 TTAF: 3721.3 TSMOH: 229.0 |
| | Draine | ed oil and ninants. N | serviced wit | ith Aeroshell 15W50. Removed and inspected oil filter for Installed new CH48110 oil filter. Performed oil analysis. Washed |
| | Antho | | ey A&P 25 | 51967817 IA for: City of Spartanburg Spartanburg Downtown Memorial Airport 500 Ammons Road Spartanburg, SC 29306 864 574 8560 |
| | | | | 804 3/4 8300 |

| 9 | 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 Repairs and Certificate Number of Technician or Repairs and Certificate Number of Technician or Repairs and Alterations Entries of Technician or Repairs and Alterations Entries of Technician or Repairs and Alterations Entries of Technician or Repairs and Alterations |
|---|---------------------------|-------------------|---|---|
| | iper PA 23- ycoming TI | | | eg. No. 159B Ser. No. 27-7754047 erial number L-4497-61A(left) <u>L-4199-61A (right)</u> |
| D | ate: Noveml | ber 3, 200 | 00 Tach: 1 | 971.1 TTAF: 3754.1 TSMOH: 261.8 |
| | | | | |
| C | ontaminants | None for | d with Aerosl and, Installed and check for le | hell 15W50. Removed and inspected oil filter for new CH48110 oil filter. Performed oil analysis. eaks. |

| 19 | TACH TIME | 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 P. | A 23-250 ng TIO 5 | PA23-250 40 C1A | Reg. No. 159B Ser. No. 27-7754047 serial number L-4497-61A(left) L-4499-61A (right) |
| | Date: Fe | bruary 20 | , 2001 T | Fach: 2032 TTAF: 3815 TSMOH: 322.7 |
| | contamii | ants. Noi | rviced with ne found. Ins un and chec | Aeroshell 15W50. Removed and inspected oil filter for stalled new CH48110 oil filter. Performed oil analysis. k for leaks. |
| | Anthony | | A&P 2519 | 967817 IA for: City of Spartanburg Spartanburg Downtown Memorial Airport 500 Ammons Road |

DATE RECORDING TODAY'S TOTAL

| 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.) |
|------|---------------------------|--------------------------|------------------------------|--|
| | | | | Facility. (See black pages for other opposite states) |
| | Piner PA | 23-250 | PA23-250 | Reg. No. 159B Ser. No. 27-7754047 |
| | Lycomin | g TIO 54 | 0 C1A | serial number L-4497-61A(left) L-4499-61A (right) |
| - | Date: May | y 01, 200 | 1 Tach: 2 | 2047.4 TTAF: 3830.4 TSMOH: 338.1 |
| | and reinst | alled plug 78/80. Ins | gs. Performed spected mag | IAW a 100 hour/annual inspection. Removed, cleaned inspected d compression check: #1 78/80 #2 78/80 #3 75/80 #4 78/80 #5 breakers. Checked mag timing. Removed cleaned and reinstalled 'O' rings. Inspected fuel injection lines IAW AD 93-02-05. Next |
| | inconaction | due @ | 147.4 Inspe | exted and tested Ignition harness. Inspected exhaust system. ement part number BA3505. Washed engine. Run and check for |
| | leaks. | D. Casey | A&P 25196 | |

anth U.C.

r: City of Spartanburg Spartanburg Downtown Memorial Airpor 500 Ammons Road Spartanburg, SC 29306 864 574 8560

| 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 MAY 0 1 2001 |
| | | | | DATE MAY 0 1 2001 TO AL THAT 33'S ISMON TACH ZOY7. Y |
| | | | | I CERTIFY THAT THIS CLOSE WITH |
| 0.1 | | | | A Annual inspection and Was |
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| | | | | Atty Al. Cy |
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| | | 1,50 | | |
| | 1000 | 100 | | |
| | | | | |

Piper PA23-250 **Textron Lycoming**

Hartzell

Model: TIO 540-C1A

Model: HC-E2YR-2RBSF

Registration Number: 159B Serial Number: 23-7754047 Serial Number: L-4497-61A (L) Serial Number: L-4499-61A ®

Serial Number: BP 8265 (L) Serial Number: BP8278 ®

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 77/80 #2 78/80 #3 76/80 #4 77/80 #5 77/80 #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

A&P 251967817 IA

for: City of Spartanburg

Spartanburg Downtown Memorial Airport 500 Ammons Road Spartanburg, SC 29306

864 574 8560

ian or Renair

| RECORDING | TODAY'S FLIGHT | TOTAL TIME IN | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair |
|-----------|-------------------|------------------|--|
| TIME | | SERVICE | Facility. (Speciack pages for other specific entries.) |
| | | | TOTAL TIME 41465MORTACH, 21239 |
| | | | I CERTIFY THAT THIS ENGINE |
| | | | HAS BEEN INSPECTED IN ACCORDANCE WITH |
| | | | DETERMINED TO BE IN AIRWORTHY CONDITION |
| | | | SIGNATURE (MITT AL CY) |
| | | | CERTIFICATION NO. BAPASIA TX1704 |
| | | | |
| 1 3 3 3 | | | |
| | | | |
| | | 100 | |
| | | TACH FLIGHT | TACH FLIGHT TIME IN |

Piper PA23-250
Textron Lycoming
Hartzell
Registration Number: 159B
Model: TIO 540-C1A
Model: TIO 540-C1A
Serial Number: L-4497-61A (L)
Serial Number: L-4499-61A ®
Serial Number: BP 8265 (L)
Serial Number: BP8278 ®

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.
- B. Performed oil analysis.
- 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 inician or Repair

| Textro | PA23-250 on Lycoming | Registration Number: 159B Model: TIO 540-C1A | Serial Number: 23-7754047 Serial Number: L-4497-61A (L) | 1 or Repair | |
|--------|-------------------------|--|--|--|--|
| Hartze | əll | Model: HC-E2YR-2RBSF | Serial Number: L-4499-61A ® Serial Number: BP 8265 (L) Serial Number: BP8278 ® | | |
| Date: | September 2, 53.4 | 2003 HM 2214.1 TTAF:3997 | 1 TSMOH:504.8 TSPOH:1280.7 | | |
| 1. | Performed a | annual inspection. | | 100 | |
| 2. | Drained oil | and serviced with Aeroshell 18 il sump screen. | 5W50. | NINE. | |
| 4. | Removed a | nd inspected oil filter for conta | | - | |
| 5. | Installed nev | w CH48110 oil filter. | minants. | 1 | |
| 6. | Performed of #6 78/80. | compression check: #1 76/80 | #2 76/80 #3 78/80 #4 76/80 #5 78/80 | No. of Contract of | |
| 7. | Inspected ar | nd serviced spark plugs and re | einstalled with new gaskets | - Stille | |
| 8. | mispected ar | 10 Serviced fuel injectors | | | |
| 9. | Inspected fu | el injection lines IAW AD 93-0 | 2-05. Next inspection due @ 2314.1. | | |
| 10. | III IUPUCICU GI | id tested fullifor harness | | MALIE N | |
| 11. | inspected ma | agnetos and checked mag tim duction air filter element. | nina | | |

| accordance wi | | nician of Repair |
|--|---|------------------|
| Anthony D. Casey A&P 251967817 JA JACK TALL TIME 504.3 | for: City of Spartanburg Spartanburg Downtown Memorial Airport 500 Ammons Road Spartanburg, SC 29306 864 574 8560 TACH. 2014: | |
| CEPTIFY THAT THIS SEEN INSPECTED IN | ACCORDANCE WITH | |

DETERMINED TO BE IN ARWORTHY CONDITION

CERTIFICATION NO.

| ATE | 100 | [Empley A Y | Milly and Memoriphisms of Proper | | |
|-----|---------|----------------|--|-----------------------------------|-------------------|
| | Piper | PA23-250 | Registration Number: 159B | Serial Number: 23-7754047 | r Repair |
| | Textror | Lycoming | Model: TIO 540-C1A | Serial Number: L-4497-61A (L) | The second second |
| | | | | Serial Number: L-4499-61A® | |
| _ | Hartzel | D | Model: HC-E2YR-2RBSF | Serial Number: BP 8265 (L) | |
| | | | | Serial Number: BP 8278 ® | |
| | Date: D | ecember 5, | 2004 HM 2265.2 TTAF:4048 | 2 TSMOH:555.9 TSPOH:1331.8 | |
| | HHM:5 | 7.2 | | | |
| | 1. | Performed | annual inspection. | | |
| 100 | 2. | Drained oil | AND THE RESERVE OF THE PARTY OF | | |
| | 3. | Performed | oil analysis. | | |
| | 4. | Removed a | and inspected oil sump screen | and reinstalled with new gasket. | 100 |
| | 5. | Removed a | and inspected oil filter for cont | aminants. | |
| | 6. | Removed a | accessory case. | | |
| | 7. | Replaced o | rankshaft gear retaining bolt I | AW AD 2004-05-24. | |
| | 8. | Installed Ly | coming bolt kit part number 0 | 5K19987. | |
| | 9. | Reinstalled | accessory case and accesso | ries with new gaskets. | |
| | 10. | Serviced er | ngine with Aeroshell 15W50. | | |
| | 11. | Installed ne | w CH48110-1 oil filter. | | 1000 |
| _ | 12. | Performed | compression check: #1 74/80 | #2 69/80 #3 75/80 #4 75/80 #5 68/ | 80 |
| | | #6 74/80. | | | |

| DAT | | Sull Pin | | an or Repair |
|-----|--------------|---------------------------|---|---------------|
| 19. | 13. Sen | riced and insper | cted spark plugs | ar or riepair |
| | 14 Inst | alled 12 new RE | B 37E spark plugs. | |
| | 15. Inst | ected and teste | ed ignition harness. | |
| - | 46 Dan | noved magnetos | s in the second | |
| | 47 Inst | ected magnetos | s IAW TCM/Bendix 500 hour inspection. | |
| - | 4 00 000 1 | - whall and managed | ne and sat mad timing | |
| | 19 Inst | ected Romec fu | uel pump IAW AD 2003-14-03. Next Inspection due @ 2015.2. | |
| | 00 0-4 | cand and incom | etad fijel injectors | |
| _ | 24 Iner | ected fuel inject | tion lines IAW AD 2002-26-02. Next inspection due @ 2303.2. | |
| | and man | the world market as and a | etud and nut on #6 cylinder | 100 |
| | 22 Par | laced intake ho | uses part number 69603 and gaskets part number 71793. | |
| | 24 1/10 | shed engine. | | |
| | 25 Pile | and checked for | or leaks. | |
| | DO Cat | has been albi | mixture | |
| | and The | Almost andler | component identified above have been inspected in | |
| | 27. The | All Craft aridio | irrent Federal Aviation Regulations and were found Airworthy | |
| | acc | organice with cu | e. Pertinent details are on file at this agency under work order | |
| | 1011 | elum to service | 1 August 31, 2004. | |
| | # 20 | J0200723 dated | 1 August 31, 2004. | 2011 |
| | Patrick M. C | ohh | for: City of Spartanburg | 1000 |
| | A&P 23798 | | Spartanburg Downtown Memorial Airport | |
| 100 | AAP 23/90. | DH I IA | 500 Ammone Road | - X |

| DATE | RECORDING | TODAY'S | TOTAL | Description of Inspections, Tests, Repairs and Alterations |
|------|-----------|---------|---------|--|
| 19_ | | | BISSEL. | Spartanburg, SC 29306 an or Rep |
| 1 10 | 1000 | | | DATE_ DEC 0 5 2004 |
| | | | | TOTAL TIME 4048-2 TACH. 2265.2 |
| | | | | I CERTIFY THAT THIS AIVERAFT |
| 7 | | 1000 | | HAS BEEN INSPECTED IN ACCORDANCE WITH |
| 71. | | | | A HINNAL INSPECTION AND WAS |
| | | | | DETERMINED TO BE IN AIRWORTHY CONDITION |
| | | | | SIGNATURE Fair In FU |
| | | | | CERTIFICATION NO. A P237982541 IR |
| | | | | P. STATE OF THE PROPERTY OF THE PARTY OF THE |
| | | | 100 | |
| | | | | |
| | | | | |
| | | | | |

| DATE | RECORDING TACH | TODAY'S FLIGHT | TOTAL TIME IN | Description Entries must be | of Inspections, Tests, Repairs and Alterations |
|------|-------------------|-------------------|------------------|--------------------------------|--|
| +9 | Time | | | LEFTE | NGINE LOG |
| Pipe | er PA23-250 | | "N" Numbe | | Serial Number: 27-7754047 Serial Number: L-4497-61A |

LH Engine: Lycoming Date: February 1, 2006 LH TSOH: 598.1 LH Prop TSN: 4090.4

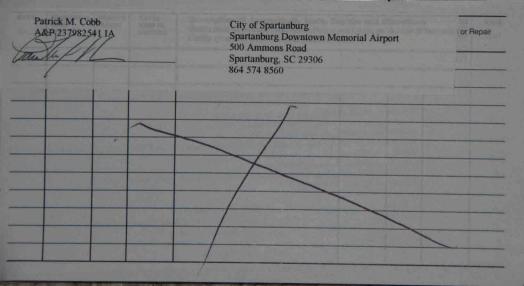
Hobbs: 2307.4 RH TSOH: 598.1 RH Prop TSN: 4090.4 ACTT: 4090.4 LH TT: 4090.4

RH TT: 4090.4 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

L & R TSOH: 1374.0

- Performed Annual inspection per Piper Inspection Guide
- Compressions: LH 1: 70/80, 2: 69/80, 3: 68/80, 4: 70/80, 5: 74/80, 6: 74/80
- Installed new bracket Air Filters PN BA-3505.
- Cleaned all injector nozzles.
- Installed new gasket on nose oil port and sealed crankcase thru bolts on LH engine.
- Installed new vacuum filters B3-5-1 and D9-18-1.
- Removed left prop and shipped to H & H Propeller for evaluation for noise in dome, reinstalled after repair
- Dressed, painted and lubed props as required.
- C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2407.4.
- Researched AD thru Revision 2006-01.



Piper PA23-250 LH Engine: Lycoming Date: April 16, 2007 LH TSOH: 598.1

DATI

19__

"N" Number: N159B Model: TIO-540-C1A Serial Number: 27-7754047 Serial Number: L-4497-61A

Hobbs: 2326.3 RH TSOH: 617.0 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: LH 1: 70/80, 2: 69/80, 3: 68/80, 4: 70/80, 5: 74/80, 6: 74/80

Installed new bracket Air Filters PN BA-3505.

C/W oil and filter change. Cut and inspected filter, no contamination noted. Serviced engines with 11 quarts
 Aeroshell 15W50 oil.

Dressed, painted and lubed props as required.

C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2426.3.

7. Researched AD thru Revision 2007-06

Patrick M. Cobb

A&P 237982541/1A

City of Spartanburg

Spartanburg Downtown Memorial Airport

500 Ammons Road Spartanburg, SC 29306

864 574 8560

LH Engine: Lycoming

Piper PA23-250

Date: 11/03/2008

LH TSOH: 603.8

LEFT ENGINE LOG

Serial Number: 27-7754047 Serial Number: L-4497-61A

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.

"N" Number: N159B

Model: TIO-540-C1A

RH TSOH: 522,7.0

Hobbs: 2332.0

- Removed engine for repair by Triad Aviation due to cracked crankcase. Installed after repair by Triad under work order # 17336.
- Installed new hoses, shock mounts and hardware as required.
- Compressions (prior to repair): LH 1: 70/80, 2: 69/80, 3: 68/80, 4: 70/80, 5: 74/80, 6: 74/80
- 5 Installed new bracket Air Filters PN BA-3505
- 6. C/W oil and filter change. Cut and inspected filter, no contamination noted. Serviced engines with 11 quarts Aeroshell 15W50
- Dressed, painted and lubed props as required.
- Dressed, painted and fibed props as required.
 C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2426.3.

9 Researched AD thru Revision 2008-21.

Patrick M. Cobb

A&P 237982541 IA

City of Spartanburg Spartanburg Downtown Memorial Airport

500 Ammons Road

Spartanburg, SC 29306

864 574 8560

| 2 6 | 7481 W 19384 | DESCRIPTION Bearing George | SALE | Triad Aviation, Inc. | 864-574-8560 FAX 866-593-2701 | WORK ORDER NO. 17336 |
|---|---|--|------|--|--|-------------------------|
| 8 8 112 6 6 2 12 12 12 12 12 12 12 12 12 12 12 12 1 | STB1821 65963 67542 LW12136 575139 LW16256-16-1 LW16256-16-1 LW16266-10-7 74493 STD2048 LW16683 72877 74471 76278-P61 128319648 STD1737 LW-125-1,00 | Oil Pump KH Shaft Plag Hose Hose Rearing Cuthiou O-Ring 3 Champ 5 Clamp Hose Gasket Set Lifter | | 3498 South Aviation Drive Buffington, NC 27215 Buffington, NC 27215 Telephone (336) 227-1467 Telephone (336) 237-1467 Tel | SN L-4497-61A for Cracked Case ongine SN L-4497-61A for Cracked Case ongine SN L-4497-61A for Cracked selection of the select | WRITTEN BY |
| | MISCRE | TOTAL ANEOUS PARTS | | Thousand authorises the following word to be done away with the microscopy helicine. And heavily grant you arrive you employees permission to appear and by the arrival health discribed for the | BASIC ENGINE TOTAL PARTS | |
| | | | | number of resting selder inspection. As express manuscribs for in hearing actinosidate on above strongli to accura the encure of inspect bursts. You will not be held expounded for trap or demands to the about or writine set in the sorprish in case of first, theft, or any other cause beyond your control. | MISCELLANEOUS FARTS DELIVER OUR TRUCK TAX TOTAL | |

97-61A for Cracked Case ded. Replaced parts as listed. 585. Camshaft- P/N 76148 g overhaul manual and FAA ector fuel lines allowing fuel 1D 2004-10-14 C to prevent R SB 475C.

34 lbs., oil temperature 196 f, R 150 RPM. Compression #6 79/80. This engine is repair station WO# 17336. Disassemble (1) Lycoming TIO-540-C1A engine S/N L-4497-61A for Cracked Case inspection. Cleaned, inspected, magnafluxed and repaired as needed. Replaced parts as listed. Crankcase- P/N 13828 S/N 4579 overhauled by DI wo# 83685. Camshaft- P/N 76148 repaired by AS wo# 167972. Reassembled engine IAW Lycoming overhaul manual and FAA regulations. CW AD 2002-26-01 to prevent failure of the fuel injector fuel lines allowing fuel to spray into the engine compartment CW PER SB 342E. CW AD 2004-10-14 C to prevent loosening or failure of the crankshaft gear retaining bolt CW PER SB 475C.

Test ran engine 2 hours 15 minutes, RPM 2575, oil pressure 84 lbs., oil temperature 196 degrees, CHT 375 degrees, mag check @ 2100 RPM, L 150 RPM, R 150 RPM. Compression test cylinder #1 78/80, #2 79/80, #3 79/80 #4 78/80 #5 79/80 #6 79/80. This engine is approved for return to service. All pertinent details on file this repair station WO# 17336. TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M.

Signed: Afher M. Austra Date: 7/10/08

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

LEFT ENGINE LOG Serial Number: 27-7754047 Serial Number: L-4497-61A

ACTT: 4118.4 RH TT: 4118.4

I certify this aircraft has been inspected In Accordance Vin an Annia inspection and determined to be in airworthy condition. The LH TSOH: 607.1 following discrepancies were corrected in accordance why the manufacturer's maintenance manual

Performed Annual inspection per Piper Inspection Guide

Compressions: LH 1: 62/80, 2: 74/80, 3: 76/80, 4: 76/80, 5: 75/80, 6: 74/80

C/W oil and filter change. Quand inspected filter, no contamination noted. Serviced engines with 12 quarts Aeroshell 15W50 oil.

Cleaned, inspected and repacked all wheel hearings.

Cleaned and appred swarkplugs.

Installed new yearum filters B3-51 and D9-18-1

C/A/D 201-26-01 by inspection of fuel injector lines, no defects noted, next due at 2435.3

C/W 20 2008-14-07 per SB342-E no defects noted, next due at 2435.3

C/W AD 2003-14-03 per AD instruction on rotary fuel pumps, no defects noted.

Researched AD thru Revision 2010-06.

Patrick M. Cobb

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

Piper PA23-250 LH Engine: Lycoming "N" Number: N159B Model: TIO-540-CIA Serial Number: 27-7754047 Serial Number: L-4497-61A

Date: 4/1/2010 L & R TSO: 626.0 Hobbs: 2335.3 L & R TT: 4118.3 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.

- Performed Annual inspection per Piper Inspection Guide
- Compressions: LH 1: 62/80, 2: 74/80, 3: 76/80, 4: 76/80, 5: 75/80, 6: 74/80
- Installed new bracket Air Filters PN BA-3505.
- C/W oil and filter change. Cut and inspected filter, no contamination noted. Serviced engines with 12 quarts Aeroshell 15W50 oil.
- . Cleaned, inspected and repacked all wheel bearings.
- Cleaned and gapped sparkplugs.
- Installed new vacuum filters B3-5-1 and D9-18-1.
- C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2435.3
- 9. C/W AD 2008-14-07 per SB342-E no defects noted, next due at 2435.3
- 10. C/W AD 2003-14-03 per AD instruction on rotary fuel pumps, no defects noted.
- 11 Researched AD thru Revision 2010-06.

Patrick M. Cobb

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

Piper PA23-250 "N" Number: NI59B LH Engine: Lycoming Model: TIO-540-C1A Serial Number: 27-7754047 Serial Number: L-4497-61A

Date: 5/15/2011 L & R TSO: 629.6 Hobbs: 2338.9 L & R TT: 4121.9 ACTT: 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: LH 1: 79/80, 2: 75/80, 3: 79/80, 4: 78/80, 5: 77/80, 6: 76/80
- 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.
 - C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2439.5
- C/W AD 2008-14-07 per SB342-E no defects noted, next due at 2439.5
- R C/W AD 2003-14-03 per AD instruction on rotary fuel pumps, no defects noted.
- 9 Researched AD thru Revision 2011-08.

Patrick M. Cobb A&P 3539504 IA

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

Piper PA23-250 LH Engine: Lycoming Date: 6/21/2012 L & R TSO: 647.8

"N" Number: N159B Model: TIO-540-CIA Hobbs: 2357.1 ACTT: 4140.1

L & R Prop TT: 4140.1

Serial Number: 27-7754047 Serial Number: L-4497-61A

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

- Performed Annual inspection per Piper Inspection Guide
- Compressions: LH 1: 79/80, 2: 79/80, 3: 79/80, 4: 78/80, 5: 79/80, 6: 75/80
- Installed new bracket Air Filters PN BA-3505.

L & R TT: 4140.1

- C/W oil and filter change. Cut and inspected filter, no contamination noted. Serviced engines with 12 quarts Aeroshell 15W50
 - Cleaned and gapped sparkplugs.
- Dressed, painted and lubed props as required.
- C/A AD 2002-26-01 by inspection of fuel injector lines, no defects noted, next due at 2457.1.

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

| ı | RECORDING TACH | TODAY'S FLIGHT | TOTAL TIME IN Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repa | | | | | |
|--|-------------------|-------------------|---|--------------------------|---------------------------|---|--|--|
| | TIME | | | sellib. /Con back name ! | or other enerific entries | | | |
| | | | | LH ENGINE LOC | | | | |
| | Piper | | PA23-250 | N159B | SN: 27-7754047 | | | |
| | LH Engine: | | Lycoming | TIO-540-C1A | SN: L-4497-61A | The second second | | |
| | LH Prop: | | Hartzell | HC-E2YR-2RBSF | SN: BP8265 | | | |
| | Date: 7/16/20 | 13 | Hobbs: 2368.7 | ACTT: 4151.7 | | The second second | | |
| | L&R TSO: 65 | 9.4 | L&R TT: 4151.7 | L&R Prop TT: 4151 | .7 L&R TSO: 1435.3 | Prop OH Date: 5/95 | | |
| condition. The following discrepancies were corrected in accordance with the manufacturers maintenance manual. | | | | | | | | |
| | Performed An | mual Inspec | tion | | | | | |
| LH Compression: 78, 76, 78, 78, 78, 75/80. | | | | | | | | |
| | Installed new | | | | | | | |
| | C/W oil and f | ilter change. | No contaminants fo | ound in oil filters. | | | | |
| | Cleaned and g | | | | | | | |
| | Dressed, luber | d and painte | d props as necessary | y. | | | | |
| | | | SB342-E, no defects | s noted. | | | | |
| | Researched A | Ds thru revi | sion 2013-12. | | | | | |
| | d L | | | | | Charles of the sales of the sales of the | | |
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| | Key 3539604 | MA | | | | THE RESERVE AND ADDRESS OF THE PARTY OF THE | | |
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PLANE WERKS (828)286-1474 M159B-Left

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 Re-Gap 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 Compilance Report This Date. Run up/Leak Check OK. Return to Service. Compression Ck: 1-74/80, 2-74/80, 3-73/80, 4-70/80, 5-71/80, 6-72/80 s, Tests, Repairs and Alterations

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

EN

RUSSELL M. HYDE: AI#242744527

DATE:

Wordh 5011

TACH: 2370 TTSMOH: 660.7

INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: The

Jall nu

Russell Hyde 242744527 Al

| TE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, To Entries must be endorsed with Name Facility. (See back pages for other sp | e, Rating and Certificate Number of Technician or Repair |
|----|---------------------------|------------------------|-----------------------------|--|--|
| F | March teplace Overh | 11, 2015 auled Magn | Hobbs: 2 | -1474 N159B-Left 370 TTSMOH: 10-349290-1 S/N A229629 sories W/O 58129 | |
| | | | | | |
| | RI | USSELL | M. HYDE: A | 1#242744527 | |
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| | | | TANK | | |

PATE RECORDING TACH TIME TOTAL TIME IN SERVICE

TACH TIME

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 Left Hand Engine Logbook: Hobbs; 2373.6 Aftt: 4156.6 Smoh:664.3

Removed engine cowling. Performed compression as follows: 1)74/80 3) 74/80 5) 76/80 2) 78/80 4) 76/80 6) 75/80. Replaced bad upper deck line hoses with new units. Installed hose around wires thru the firewall. 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 A&P 3383347

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Enc