

ENGINE LOG

N66018

Engine Manufacturer – Lycoming Model – 0-320-D2J Serial Number – L-10513-39A

The subject aircraft was involved in an incident / accident on 1/28/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 9022983901US.

Signed: Underwriters Salvage Company

Date: 3/20/2025 AIG Aerospace Adjustment Services Inc 3500 Lenox Road, Suite 1100

| | AeroMeph | Engine · page 1 of 1 |
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| Aero | mech Aircraft Maintenance · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · | 6238779334 |
| N66018 TACH: 960.6 | LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 17260.5 SMOH: 1721.4 | November 18, 2024 |
| maintenance m | oil and cleaned Challenger oil filler. Serviced engine with 7 qts Ph anual and referencing relevant Cessna maintenance practices. Install J 08-13850-1 - Phillips 100AW Quart, Installed (8) P/N 08-05411 - Ae | ed P/N 08-16225 - AOA Kit, |
| tices. Installed | ned, gapped, tested, and reinstalled spark plugs referencing relevant 8) P/N UM674PK - Tempest Spark Plug Gasket. | |
| Performed Eng to item #14 for | ne compression test with the following readings, #1: 70/80, #2: 72/80 corrective action. |), #3: 70/80, #4: 20/80 reter |
| Removed defect a20p s/n: 326w P/N 71973 - Lyr Removed and relative Gasket. | ne magneto timing check using Cessna M/M. No defects noted at this tive #4 cylinder p/n: sl32006w-a20p s/n: 326wf2022178 and installed r000014268 referencing Lycoming overhaul manual and ssp-1776-5. coming Intake Gasket, Installed (4) P/N 77611 - Lycoming Exhaust Flateplaced #3 leaking intake gasket with new using Lycoming M/M. Installed mixture using Cessna MM. | new cylinder p/n: sl32006w- Ops check good. Installed ange Gasket. |
| | e idle mixture using Cessna MM. Innecting Rod Assemblies is N/A due to ship date. | |
| or return to service a | inspected in accordance with a 100 HOUR INSPECTION and was for at this time. AD's checked thru 2024-23. Details of work performed under work order: MO_1921. | und Airworthy and approved I are on file with Aeromech |
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Aeromech Aircraft Maintenance · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334

N66018 TACH: 771.4

LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 17071.3

SMOH: 1532.2

July 12, 2024

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1. Drained engine oil and cleaned Challenger oil filler. Serviced engine with 7 qts Phillips 100AW using Cessna maintenance manual and referencing relevant Cessna maintenance practices. Installed P/N 08-16225 - AOA Kit, Installed (7) P/N 08-13850-1 - Phillips 100AW Quart.

2. Removed, cleaned, gapped, and tested spark plugs using standard Cessna maintenance practices. Installed (8) P/N M-674 - Champion Spark Plug Gasket 18mm.

- 3. Performed Engine compression test with the following readings, #1: 74/80, #2: 78/80, #3: 71/80, #4: 70/80 No discrepancies noted at this time.
- 4. Performed engine magneto timing check using Cessna M/M. No defects noted at this time.
- 5. Removed and replaced cyl #3 intake gasket with new gasket using Lycoming M/M. Installed P/N 71973 Lycoming Intake Gasket.
- 6. Removed and replaced #4 oil return hose with new using Lycoming M/M.
- 7. Adjusted engine idle as required using Lycoming MM.
- 8. Removed defective challenger oil filter gasket and replaced with new referencing STC# SE02352CH Installed P/N CP-623 - Oil Filter Quad Seal Gasket.

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. AD's checked thru 2024-13. Details of work performed are on file with Aeromech Aircraft Maintenance under work order: MO_1781.

Colby Hines A&P3649980

wo: MO 1857 Engine - page 1 of 1 AeroMech

Aeromech Aircraft Maintenance · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334

N66018

LYCOMING, 0-320 SERIES, S/N: L-10513-39A

September 11, 2024

TACH: 864.9

TTSN: 17164.8 SMOH: 1625.7

- 1. Drained engine oil and cleaned Challenger oil filler. Serviced engine with 7 gts Phillips 100AW using Cessna maintenance manual and referencing relevant Cessna maintenance practices. Installed P/N 08-16225 - AOA Kit, installed (7) P/N 08-13850-1 - Phillips 100AW Quart, Installed P/N CP-623 - Oil Filter Quad Seal Gasket.
- 2. Removed, cleaned, gapped, tested, and reinstalled spark plugs referencing relevant Cessna maintenance practices. Installed (8) P/N UM674PK - Tempest Spark Plug Gasket.
- 3. Performed Engine compression test with the following readings, #1: 78/80, #2: 72/80, #3: 70/80, #4: 72/80 No discrepancies noted at this time.
- 4. Performed engine magneto timing check using Cessna M/M. No defects noted at this time.
- 5. Removed defective alternator belt and installed with new. Tightened alternator belt appropriately, torqued adjusting nut and safeties using Cessna M/M and standard maintenance practices. Installed P/N \$1597-1-37.5 Alternator Belt.
- 6. Removed and replaced cyl #3 intake gasket with new gasket using Lycoming M/M. Installed P/N 71973 -Lycoming Intake Gasket.

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. AD's checked thru 2024-18. Details of work performed are on file with Aeromech Aircraft Maintenance under work order: MO 1857.

Colby Hines A&P3649980

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| wo: MO_1615 | AeroMeph | Engine - page 1 of 1 |
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| | Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779 | 334 |
| N66018 TACH: 582.6 | LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 16882.5 SMOH: 1343.4 | March 20, 2024 |
| Drained engin dard maintena Quart. | e oil and cleaned Challenger Oil Filter, serviced engine with 7 qts Ph ance practices. Installed P/N 08-16225 - AOA Kit, Installed (7) P/N 08 | illips 100AW oil using stan- 8-13850-1 - Phillips 100AW |
| Removed, cle- plus with new Spark Plug. | aned, inspected, gapped, tested, found all spark plugs defective, r and reinstalled spark plugs using standard maintenance practices. | eplaced all defective spark Installed (8) P/N REM38E - |
| using standard | gine compression test with the following readings, #1: 76/80, #2: 7 d maintenance practices. No further discrepancies noted at this time | 9. |
| Verified magne Resecured oil practices. | eto to engine timing, no defects noted at this time using standard ma return lines and removed and replaced cyl #2 oil return line hose us | aintenance practices. sing standard maintenance |
| Stopped driller | d crack using standard maintenance practices. | |
| This engine has be approved for return to Aeromech under wo Colby Hines A&P364 | 11104 | I was found Airworthy and performed are on file with |
| 1 1 | | 4. |
| wo: MO_1697 | Assistant . | Engine · page 1 of 1 |
| | AeroMeph Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779 | 204 |
| N66018 | | |
| TACH: 680.0 | LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 16979.9 SMOH: 1440.8 | May 23, 2024 |
| Drained engine dard maintenal Quart. | e oil and cleaned Challenger Oil Filter, serviced engine with 7 qts Ph nce practices. Installed P/N 08-16225 - AOA Kit, Installed (7) P/N 08 | illips 100AW oil using stan- 3-13850-1 - Phillips 100AW |
| 2. Removed, clea | aned, gapped, and tested spark plugs using standard maintenance point Spark Plug Gasket 18mm. | practices. Installed (8) P/N |
| Performed Enguishing standard | gine compression test with the following readings, #1: 78/80, #2: 70 maintenance practices. No further discrepancies noted at this time | 2 |
| | magneto to engine timing using Lycoming m/m and standard mainte | |
| approved for return to Aeromech under wor | en inspected in accordance with a 100 HOUR INSPECTION and o service at this time. AD's checked thru 2024-10. Details of work k order: MO_1697. | performed are on file with |
| Alexandre Velasco A | &P4813355 | |
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MANITENIANICE DECODE wo: MO_1410 Engine - page 1 of 1 AeroMeph Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334

LYCOMING, 0-320 SERIES, S/N: L-10513-39A N66018 TACH: 301.6 TTSN: 16019.0

September 07, 2023

SMOH: 479.9

- 1. Drained engine oil and cleaned Challenger Oil Filter and replaced old gasket with new, serviced engine with 7 qts Phillips 100AW oil using standard maintenance practices. Installed P/N 08-16225 - AOA Kit, Installed (7) P/N 08-13850-1 - Phillips 100AW Quart, Installed P/N CP-623 - Oil Filter Quad Seal Gasket.
- 2. Removed, cleaned, inspected, gapped, tested, and reinstalled spark plugs using standard maintenance practices. Installed (8) P/N M-674 - Champion Spark Plug Gasket.
- 3. Performed Engine compression test with the following readings, #1: 78/80, #2: 64/80, #3: 76/80, #4: 79/80 using standard maintenance practices. No further discrepancies noted at this time.
- 4. Verified magneto to engine timing, no defects noted at this time using standard maintenance practices.
- 5. Adjusted engine idle using Cessna MM no defects noted at this time.
- 6. Adjusted engine idle mixture using Cessna MM no defects noted at this time.

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. AD's checked thru 2023-18. Details of work performed are on file with Aeromech under work order: MO_1410.

Colby Hines A&P3649980

wo: MO 1475

Engine - page 1 of 1

AeroMe.ph Aeromech · 6799 N Glen Harbor Blvd · Glendale. AZ 85307 · 6238779334

N66018

LYCOMING, 0-320 SERIES, S/N: L-10513-39A

November 08, 2023

TACH: 397.3

TTSN: 16114.7 SMOH: 575.6

- 1. Drained engine oil and cleaned Challenger Oil Filter, serviced engine with 7 qts Phillips 100AW oil using standard maintenance practices. Installed P/N 08-16225 - AOA Kit, Installed (7) P/N 08-13850-1 - Phillips 100AW Quart.
- Removed, cleaned, inspected, gapped, tested, and reinstalled spark plugs using standard maintenance practices. Installed (8) P/N UM674PK - Tempest Spark Plug Gasket.
- Performed Engine compression test with the following readings, #1: 76/80, #2: 72/80, #3: 76:80, #4: 76/80 using standard maintenance practices. No further discrepancies noted at this time.
- 4. Verified magneto to engine timing, no defects noted at this time using standard maintenance practices.

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. AD's checked thru 2023-23. Details of work performed are on file with Aeromech under work order: MO 1475.

Sam Robinson A&P3577476

wo: MO 1545

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Engine - page 1 of 1

Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779334

N66018 TACH: 487.2 LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 16204.6 SMOH: 665.5

January 24, 2024

- 1. Drained engine oil and cleaned Challenger Oil Filter, serviced engine with 7 qts Phillips 100AW oil using standard maintenance practices. Installed P/N 08-16225 - AOA Kit, Installed (7) P/N 08-13850-1 - Phillips 100AW Quart. Installed P/N CP-623 - Oil Filter Quad Seal Gasket.
- 2. Removed, cleaned, inspected, gapped, tested, and reinstalled spark plugs using standard maintenance practices. Installed (8) P/N UM674PK - Tempest Spark Plug Gasket.
- 3. Performed Engine compression test with the following readings, #1: 78/80, #2: 79/80, #3: 78/80, #4: 79/80 using standard maintenance practices. No further discrepancies noted at this time.
- 4. Verified magneto to engine timing, no defects noted at this time using standard maintenance practices.
- 5. Removed, cleaned, inspected and re-installed fuel primer nozzles. All work performed IAW current Lycoming M/M and standard maintenance practices.
- 6. Cleaned engine with mineral spirits, All work performed IAW Standard maintenance practices.
- 7. Replaced #4 intake gasket. All work performed IAW current Lycoming M/M and standard maintenance practices. Installed P/N 71973 - Lycoming Intake Gasket.
- 8. Re-secured clamps on #2 intake coupler. All work performed IAW standard maintenance practices.
- 9. Re-secured oil return hose clamps. All work performed IAW standard maintenance practices.
- 10. Adjusted engine idle as required using Lycoming MM and standard maintenance practices.
- 11. Adjusted engine idle mixture as required using Lycoming MM and standard maintenance practices.

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. AD's checked thru 2024-01. Details of work performed are on file with Aeromech under work order: MO_1545. Mark Swartwood A&P3567883IA Wy MasfurW

MAINTENANCE DECODD

| | AeroMeph | Engine - page 1 of 1 |
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| | Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 62387 | 79334 |
| N66018 TACH: 112.6 | LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15830.0 SMOH: 290.9 | May 09, 2023 |
| Drained eng standard ma Phillips 100/ | gine oil, cleaned challenger oil filter, serviced engine with 8 qt aintenance practices. Installed P/N 08-16225 - AOA Kit, Install AW Quart. | s. Phillips 100AW using ed (7) P/N 08-13850-1 - |
| Removed, c nance pract | leaned, inspected, gapped, tested, and reinstalled spark plugs ices. Installed (8) P/N M-674 - Champion Spark Plug Gasket. | using standard mainte- |
| using standa | ngine compression test with the following readings, #1:78/80, #2 and maintenance practice. | |
| Removed ar | g to engine timing after overhaul using standard maintenance pr nd replaced starter cable boot with new using standard mainten 71-3S - Nipple. | actices. ance practices. Installed |
| 6. Removed ca new flapper maintenance | arb airbox, disassembled flapper valve, Removed and replaced valve shaft, reassembled carb airbox, reinstalled airbox using Cap practices. Installed (2) P/N MC0750113-1 - Bearing House (9-6AWL - Flapper Assembly Carb Air Box, Installed P/N MC0 | essna M/M and standard |
| and approved for re | een inspected in accordance with a 100 HOUR INSPECTION a eturn to service at this time. AD's checked thru Details of work p work order: MO_1300. | and was found Airworthy erformed are on file with |
| Colby Hines A&P3 | 649980 | |
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| wo: MO_1379 | AeroMep h | Engine - page 1 of 1 |
| | Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238779 | 334 |
| N66018 TACH: 211.4 | LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15928.8 SMOH: 389.7 | July 18, 2023 |
| dard maintenanc Quart. | oil and cleaned Challenger Oil Filter, serviced engine with 7 qts Phi e practices. Installed P/N 08-16225 - AOA Kit, Installed (7) P/N 08 | -13850-1 - Phillips 100AW |
| tices. Installed (8 | ed, inspected, gapped, tested and replaced all spark plugs using si B) P/N M-674 - Champion Spark Plug Gasket. The compression test with the following readings, #1: 78/80, #2: 70 | |
| using standard m | naintenance practices. No further discrepancies noted at this time | |
| Verified magneto Adjusted engine | to engine timing, no defects noted at this time using standard ma | intenance practices. |
| 6. Removed and re | idle to obtain 750 RPM @ idle using Lycoming M/M and standard placed #2 intake gasket with new gasket using Lycoming M/M ared P/N 71973 - Lycoming Intake Gasket. | maintenance practices. and standard maintenance |
| nis engine has been | inspected in accordance with a 100 HOUR INSPECTION and service at this time. AD's checked thru 2023-16. Details of work | was found Airworthy and |
| eromech under work o | order. MO_1379. | performed are on file with |
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| wo: MO_1211 | AeroMeph | Engine · page 1 of 1 |
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| | Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 623 | 8779334 |
| N66018 TACH: 971.3 | LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15684.7 SMOH: 145.6 | February 03, 2023 |
| 74/80 using s | igine compression test with the following readings, #1: 78/80 tandard maintenance practice. | 1 |
| standard mai Phillips 100A | | alled (8) P/N 08-13850-1 - |
| | to engine timing after overhaul using standard maintenance eaned, inspected, gapped, tested, and reinstalled spark plu es. | |
| 5. Removed en | gine oil finger screen, inspected, no debris found, reinstall Lycoming M/M and standard maintenance practices. | led finger screen with new |
| and approved for re work order: MO_12 | en inspected in accordance with a 100 HOUR INSPECTION turn to service at this time. Details of work performed are o 11. AD's checked thru 2023-02. | N and was found Airworthy n file with Aeromech under |
| Mark Swartwood A | &P3567883IA MY Muyusu | |
| 1 1 | | Ι |
| MO 1050 | | Engine page 1 of 1 |
| o: MO_1253 | AeroMeph | Engine page 1 of 1 |
| | Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238 | 8779334 |
| 166018 ACH: 16.3 | LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15733.7 SMOH: 194.6 | March 17, 2023 |
| Drained engine oi maintenance prac Quart. | l, cleaned challenger oil filter, serviced engine with 8 qts. tices. Installed P/N 08-16225 - AOA Kit, Installed (8) P/N | Phillips 100AW using standard N 08-13850-1 - Phillips 100AW |
| tices. | i, inspected, gapped, tested, and reinstalled spark plugs using compression test with the following readings, #1: 79/80, # | |
| using standard ma | intenance practice. | |
| | gine timing after overhaul using standard maintenance prac thead fitting for oil pressure on engine baffling using standa | |
| 6. Removed #4 intak Lycoming M/M and | e tube, cleaned off old gasket, installed new gasket with inta d standard maintenance practices. Installed P/N 71973 - Ly n hose clamps using standard maintenance practices. | ake tube, torqued to spec using |
| is engine has been in | nspected in accordance with a 100 HOUR INSPECTION ervice at this time. Details of work performed are on file with | |
| olby Hines A&P364998 | 0 Colly Huns | |
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| N66018 TACH: 825.7 | LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15539.1 SMOH: 0.0 | September 30, 2022 |
| Performed En | ngine compression test with the following readings, #1:70/80, #2: ntenance practices. | 72/80, #3:48/80, #4:72/80 using |
| 2. Drained engir | ne break in oil, serviced engine with 9 qts. Aeroshell 100 mine talled (9) P/N 08-05411 - Aeroshell Mineral Oil. | ral using standard maintenance |
| Verified mag | to engine timing after overhaul using standard maintenance pra | ctices. |
| tices. | eaned, inspected, gapped, tested, and reinstalled spark plugs us | |
| nuts, new va nance practic stalled P/N Do (OVERHAULI - Washer, Ins Hose 5/8", Ins P/N 124F001 Hose, Installe - Exhaust Nut 6. Repaired baff | fling that could be repaired and replaced baffling that was "BE | sna M/M and standard mainte- N AN7-43A - Bolt Undrilled, In- alled P/N 215CC - Dry Air Pump Installed P/N S1450-23H16-095 P/N 8507-21298 - Oil & Coolant F001-3CR0170 - Hose, Installed stalled P/N 124F001-8CR0184 - ipple, Installed (8) P/N SA21247 R", replaced needed baffle seal |
| | a M/M and standard maintenance practices. Installed P/N AF0 lled P/N AF0555259-14 - L/H Front Baffle Assembly, Installed (2 k. | |
| Oil cooler ren nance practic | noved for overhaul, installed new oil cooler and fittings using Ce es. Installed P/N MS20822-8 - Elbow, Installed P/N 0556018-2 | ssna m/m and standard mainte- |
| - Tee, Installe This engine has be | d P/N 8406R - Pacific Oil Cooler Overhauled (OVERHAULED) are inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file w | S/N: 10091. I and was found Airworthy and |
| - Tee, Installe This engine has be approved for return | d P/N 8406R - Pacific Oil Cooler Overhauled (OVERHAULED) een inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file weeked thru 2022-18. | S/N: 10091. I and was found Airworthy and |
| - Tee, Installe This engine has be approved for return MO_1053. AD's che | d P/N 8406R - Pacific Oil Cooler Overhauled (OVERHAULED) een inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file weeked thru 2022-18. | S/N: 10091. I and was found Airworthy and |
| - Tee, Installe This engine has be approved for return MO_1053. AD's che Colby Hines A&P36 | d P/N 8406R - Pacific Oil Cooler Overhauled (OVERHAULED) een inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file weeked thru 2022-18. 49980 | S/N: 10091. I and was found Airworthy and ith Aeromech under work order: Engine page 1 of 1 |
| - Tee, Installe This engine has be approved for return MO_1053. AD's che Colby Hines A&P36 | d P/N 8406R - Pacific Oil Cooler Overhauled (OVERHAULED) een inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file weeked thru 2022-18. 49980 AeroMeph Aeromech - 6799 N Glen Harbor Blvd - Glendale, AZ 85307 - 6238 | S/N: 10091. I and was found Airworthy and ith Aeromech under work order: Engine page 1 of 1 |
| - Tee, Installe This engine has be approved for return MO_1053. AD's che Colby Hines A&P36 wo: MO_1189 N66018 TACH: 919.5 | d P/N 8406R - Pacific Oil Cooler Overhauled (OVERHAULED) een inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file weeked thru 2022-18. AeroMeph Aeromech - 6799 N Glen Harbor Blvd - Glendale, AZ 85307 - 6238 LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15632.9 SMOH: 93.8 | S/N: 10091. I and was found Airworthy and ith Aeromech under work order: Engine page 1 of 1 B779334 December 20, 2022 |
| - Tee, Installe This engine has be approved for return MO_1053. AD's che Colby Hines A&P36 wo: MO_1189 N66018 TACH: 919.5 1. Drained engine practices. Insta 2. Removed, clea | d P/N 8406R - Pacific Oil Cooler Overhauled (OVERHAULED) een inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file weeked thru 2022-18. 49980 AeroMeph Aeromech - 6799 N Glen Harbor Blvd - Glendale, AZ 85307 - 6238 | S/N: 10091. I and was found Airworthy and ith Aeromech under work order: Engine page 1 of 1 B779334 December 20, 2022 al using standard maintenance |
| - Tee, Installe This engine has be approved for return MO_1053. AD's che Colby Hines A&P36 wo: MO_1189 N66018 TACH: 919.5 1. Drained engine practices. Insta 1:ces. 2. Removed, clea tices. 3. Performed Eng | Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238 LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15632.9 Sheromech · 6799 N Glen with 9 qts. Aeroshell 100 mineral cilled (9) P/N 08-05411 - Aeroshell Mineral Oil. | S/N: 10091. I and was found Airworthy and ith Aeromech under work order: Engine page 1 of 1 B779334 December 20, 2022 al using standard maintenance pracing standard maintenance pracing |
| - Tee, Installe This engine has be approved for return MO_1053. AD's che Colby Hines A&P36 wo: MO_1189 N66018 TACH: 919.5 1. Drained engine practices. Insta 2. Removed, clea tices. 3. Performed Eng standard maint 4. Verified mag to | Aeromech · 6799 N Glen Harbor Blvd · Glendale, AZ 85307 · 6238 LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15632.9 Sheek in oil, serviced engine with 9 qts. Aeroshell 100 mineral serviced, gapped, tested, and reinstalled spark plugs usin ine compression test with the following readings, #1:74/80, #2:7 | S/N: 10091. I and was found Airworthy and ith Aeromech under work order: Engine · page 1 of 1 B779334 December 20, 2022 al using standard maintenance and standard maintenance practices of the page 1 of 1 o |
| - Tee, Installe This engine has be approved for return MO_1053. AD's che Colby Hines A&P36 Wo: MO_1189 N66018 TACH: 919.5 1. Drained engine practices. Insta tices. 2. Removed, clea tices. 3. Performed Eng standard maint 4. Verified mag to 5. Tightened oil rehis engine has bee | d P/N 8406R - Pacific Oil Cooler Overhauled (OVERHAULED) seen inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file weaked thru 2022-18. Aeromech - 6799 N Glen Harbor Blvd - Glendale, AZ 85307 - 6238 LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15632.9 SMOH: 93.8 a break in oil, serviced engine with 9 qts. Aeroshell 100 mineralled (9) P/N 08-05411 - Aeroshell Mineral Oil. Ined, inspected, gapped, tested, and reinstalled spark plugs using time compression test with the following readings, #1:74/80, #2:7 enance practices. The engine timing after overhaul using standard maintenance practices are inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file with | S/N: 10091. I and was found Airworthy and ith Aeromech under work order: Engine - page 1 of 1 B779334 December 20, 2022 al using standard maintenance and standard maintenance practices. E6/80, #3:76/80, #4:76/80 using tices. and was found Airworthy and |
| - Tee, Installe This engine has be approved for return MO_1053. AD's che Colby Hines A&P36 Wo: MO_1189 N66018 TACH: 919.5 1. Drained engine practices. Instale 2. Removed, cleatices. 3. Performed Engine standard maint 4. Verified mag to 5. Tightened oil rethis engine has bee pproved for return to 10_1189. AD's checkly approved to 1189. AD's checkly approved for return to 10_1189. | d P/N 8406R - Pacific Oil Cooler Overhauled (OVERHAULED) seen inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file weaked thru 2022-18. Aeromech - 6799 N Glen Harbor Blvd - Glendale, AZ 85307 - 6238 LYCOMING, 0-320 SERIES, S/N: L-10513-39A TTSN: 15632.9 SMOH: 93.8 a break in oil, serviced engine with 9 qts. Aeroshell 100 mineralled (9) P/N 08-05411 - Aeroshell Mineral Oil. Ined, inspected, gapped, tested, and reinstalled spark plugs using time compression test with the following readings, #1:74/80, #2:7 enance practices. The engine timing after overhaul using standard maintenance practices are inspected in accordance with a 100 HOUR INSPECTION to service at this time. Details of work performed are on file with | S/N: 10091. I and was found Airworthy and ith Aeromech under work order: Engine page 1 of 1 B779334 December 20, 2022 al using standard maintenance and standard maintenance practices. 6/80, #3:76/80, #4:76/80 using tices. and was found Airworthy and the Aeromech under work order: |

NOTE: This document is part of the aircraft permanent maintenance records. DO NOT DESTORY

wo: MO 1017

AeroMoph

Aeromech - 6799 N Glen Harbor Blvd - Glendale, AZ 85307 - 6238779334

Engine - page 1 of 1

e,

N66018 TACH: 733.2 **LYCOMING, 0-320 SERIES, S/N: L-10513-39A** TTSN: 15446.6 SMOH: 2438.0

April 12, 2022

 Performed Engine compression test with the following readings, #1:72/80, #2:68/80, #3:66/80, #4:70/80 using standard maintenance practices.

- Drained engine oil replaced oil filter with new, serviced engine with 8 qts. Phillips 100AW using standard maintenance practices. Performed inspection of old filter element with no discrepancies noted at this time. Installed P/N CH48111-1 - A2, Installed P/N 08-16225 - AOA Kit, Installed (8) P/N 08-13850-1 - Phillips 100AW Quart.
- 3. Verified mag to engine timing using standard maintenance practices.
- 4. Removed, cleaned, inspected, gapped, tested, and reinstalled spark plugs using standard maintenance practices. Installed (8) P/N M-674 Champion Spark Plug Gasket.
- Removed and replaced #2 intake gasket with new gasket using Lycoming M/M Installed P/N 71973 Lycoming Intake Gasket.

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. Details of work performed are on file with Aeromech under work order: MO 1017.

Ryan Boyd A&P3813201

06/01/22

N66018

ACTT: 19336.5

Eng. TSN: 15538.8

Tach: 825.4

Eng. TSO: 2530.2

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Engine removed for overhaul

M.J. Swartwood

AP3567883

09/13/2022 MODEL:O-320-D2J S/N. L-10513-39A

S/N: L-10513-39A TACH READING: TTE: 15538.8

TSMOH:

0.0

AIRCRAFT ENGINE SPECIALISTS, LLC 2330 SOUTH AIRPORT BOULEVARD, SUITE #5 CHANDLER, ARIZONA 85286 (480) 516-0390 CRS # ZF7R728Y

This engine has been overhauled in accordance with the Lycoming Overhaul Manual 60294-7-14 and other FAA-approved procedures. Applicable FAA Airworthiness Directives and manufacture service bulletins have been complied with, see AD sheet. All parts have been inspected and accessories are either new or newly overhauled. NDT parts wo N2227-22-07. Crankcase repaired by Divco wo 131554. Connecting rods repaired AEA wo 200744. Crankshaft pn 76948 sn 81303 repaired by AEA wo 200743. Lycoming cylinders overhauled AES wo C7199-22-07. Carburetor 10-5217 sn: MS025M01, overhauled by Mavel-Schebler, wo 025M. Right magneto 4371, sn 16070938 overhauled wo M6351-22-08, left magneto 4371, sn 13040168, overhauled wo M6359-22-08. Starter 149NL/EC sn: H-W061083, new. Engine has been tested and was found to be in an airworthy condition. Further details of this engine overhaul may be found at this facility under work order E5898-22-06.

ames Wheeler

Parts Used on WO# F5898-22-06

| - | Lorennes | T CONTROL OF THE PARTY OF THE P | | | VO# E5898-22-06 | _ | | |
|---|------------------------|--|----|---------------|-----------------------|----|---------------|---------------|
| 1 | 149-NL/EC | STARTER | 1 | SL-STD-1211 | PLUG | 4 | SL61681A | GUIDE, INTAKE |
| 1 | 17F19357 U/S | ROCKER | 1 | SL-STD-2213 | SCREW | 4 | SL73938 | VALVE |
| 1 | 72220 | GASKET | 1 | STD-2168 | NUT | 4 | SL75089A | PISTON |
| 1 | 75761 | TUBE | 1 | STD-551 | PLUG | 4 | STD-1901 | SCREW, DRIVE |
| 1 | 75767 | TUBE | 2 | 4371 OHC | MAGNETO OHC | 4 | STD-2180 | HOSE |
| 1 | 77808 | VALVE ASSY | 2 | AEL72057P010 | SEAT | 6 | SL15F19957-13 | PUSHROD (320) |
| 1 | AA48110-2 | FILTER | 2 | APS-68761 | TUBE ASSY | 8 | 200-06H | CLAMP |
| 1 | AN816-8 | NIPPLE | 2 | SL13884A M06 | BEARING | 8 | 200-28H | CLAMP |
| 1 | APS-68759 | TUBE ASSY | 2 | SL31C-15 | STUD | 8 | MS13997-3 | KEY |
| 1 | APS-68760 | TUBE ASSY | 2 | SL72569 | BAFFLE, 320 | 8 | REM38E | SPARK PLUG |
| 1 | KA14002Y | HARNESS | 2 | STD-2013 | SEAL | 8 | SL12186 | NUT |
| 1 | LW-18667 | PIN | 3 | SL31H-0.88 | BOLT | 8 | SL12892 | THRUST BUTTON |
| 1 | MS20823-8 | ELBOW ASSY | 4 | 06B26669 | GASKET SET | 8 | SL15B21319 | SOCKET |
| 1 | RG-72059 | REAL DIPSTICK GASKET | 4 | 69603 | HOSE ASSY | 8 | SL31C-12 | STUD |
| 1 | SL1028-B | BALL-CHROME ALLOY | 4 | AEL13790 | ROCKER SHAFT | 8 | SL60009 | VALVE KEY |
| 1 | SL18840KIT2 | CAMSHAFT KIT 2 | 4 | AEL74230HCP05 | GUIDE | 8 | SL61662A M06 | BEARING |
| | SL53E19600 | VERNATHERM VALVE | 4 | MS27215-2 | PLUG, DEHYD | 8 | SL68987 | TUBE, SHROUD |
| | SL61084 | SPRING (360) | 4 | SL13444-1 | PISTON PIN WITH PLUGS | 8 | SL74637 | BUSHING |
| - | SL69371-1 | GASKET SET | 4 | SL16711A M06 | BEARING | 8 | SL78027 | ROD BOLT |
| - | | GEAR ASSEMBLY (360) | 4 | SL19001A | VALVE | 10 | SL66610 | BUSHING |
| | SL72970 SL78531 U/S | HOUSING | 4. | SL3601-SC | RING SET | 10 | STD-1410 | NUT |

FND

8/18/21

N66018

ACTT: 19021.6

Eng. TSN: 15223.9

Tach: 510.5

Eng. TSO: 2215.3

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with AFTC 100hr / Annual Inspection checklist, which encompasses FAR part 43 appendix "D". Differential compression check: 1-72/80, 2-72/80, 3-65/80, 4-70/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, tightened oil filler tube, all ops and leak check are good at this time.

AD's current through 2021-16

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; job number 66018081821, will be in this aircraft's maintenance continuation file.

Colby Hines

AP3649980

11/15/21

N66018

ACTT: 19116.6

Eng. TSN: 15318.9

Tach: 605.5

Eng. TSO: 2310.3

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with AFTC 100hr / Annual Inspection checklist, which encompasses FAR part 43 appendix "D". Differential compression check: 1-68/80, 2-70/80, 3-62/80, 4-76/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, replaced oil dipstick o-ring, installed new intake gaskets on #1& #3 cylinders, all ops and leak check are good at this time.

AD's current through 2021-22

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; job number 66018111021, will be in this aircraft's maintenance continuation file.

Ryan Boyd_

AP3813201

1/24/22

N66018

ACTT: 19160.8 Tach: 649.7 Eng. TT: 15363.1

Eng. TSO: 2354.5

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center Annual/ 100-hour Inspection checklist, which also encompasses FAR part 43 appendix "D". Differential compression check: 1-72/80, 2-76/80, 3-62/80, 4-65/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, performed engine to magneto timing, tightened all oil return hoses adjusted engine idle and mixture, tighten alt belt, all ops and leak check are good at this time.

AD's current through 2022-02.

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. Pertinent details of work performed; job number 66018011722, will be in this aircraft's maintenance continuation file

M.J. Swartwood

AP3567883IA

performed engine to magneto timing, repaired #2-cylinder baffle, tightened all oil return hoses, replaced #4 exhaust gasket, installed new alternator belt, installed new front crankshaft seal, secured oil pressure line to serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, 01/08/21 which also encompasses FAR part 43 appendix "D". Differential compression check: 1-78/80, 2-73/80, 72/80, 4-73/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and Performed inspection in accordance with Arizona Flight Training Center Annual/ 100-hour Inspection checklist, S/N: L-10513-39A Model: 0-320-D2, **ENGINE LOG N66018** ACTT: 18748.5 Eng. TT: 14950.8 Eng. TSO: 1942.2

engine, all ops and leak check are good at this time.

AD's current through 2020-26

approved for return to service at this time. Pertinent details of work performed; job number 66018113020, will be in this aircraft's maintenance continuation file This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and M.J. Swartwood mujuses AP3567883IA

03/16/21 **ENGINE LOG N66018** Tach: 328.7 ACTT: 18839.8 Eng. TSO: 2033.5 Eng. TSN: 15042.1

S/N: L-10513-39A Model: 0-320-D2J

spark plugs, performed engine to magneto timing. All ops and leak check are good at this time. Performed inspection in accordance with AFTC 100hr / Annual Inspection checklist, which encompasses FAR part 43 appendix "D". Differential compression check: 1-78/80, 2-71/80, 3-71/80, 4-77/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled

AD's current through 2021-04

will be in this aircraft's maintenance continuation file. condition and is approved for return to service at this time. Pertinent details of work performed; job number 66018031521, This AIRCRAFT has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy

Raymond M. Moreno AP3754794

ENGINE LOG 05/24/21 N66018 Tach: 425.1 ACTT: 18936.2 Eng. TSN: 15138.5

Eng. TSO: 2129.9

S/N: L-10513-39A Model: 0-320-D2J

spark plugs, performed engine to magneto timing, repaired left mag "P" lead, all ops and leak check are good at this time. appendix "D". Differential compression check: 1-72/80, 2-70/80, 3-70/80, 4-72/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled Performed inspection in accordance with AFTC 100hr / Annual Inspection checklist, which encompasses FAR part 43

AD's current through 2021-10

will be in this aircraft's maintenance continuation file. condition and is approved for return to service at this time. Pertinent details of work performed; job number 66018052421, This AIRCRAFT has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy

Raymond M. Moreno () <-AP3754794

01/08/21

N66018

ACTT: 18748.5 Tach: 237.4

Eng. TT: 14950.8

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Eng. TSO: 1942.2

Performed inspection in accordance with Arizona Flight Training Center Annual/ 100-hour Inspection checklist, which also encompasses FAR part 43 appendix "D". Differential compression check: 1-78/80, 2-73/80, 3-72/80, 4-73/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, performed engine to magneto timing, repaired #2-cylinder baffle, tightened all oil return hoses, replaced #4 exhaust gasket, installed new alternator belt, installed new front crankshaft seal, secured oil pressure line to engine, all ops and leak check are good at this time.

AD's current through 2020-26

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. Pertinent details of work performed; job number 66018113020, will be in this aircraft's maintenance continuation file

M.J. Swartwood

AP3567883IA

03/16/21

N66018

ACTT: 18839.8

Eng. TSN: 15042.1

Tach: 328.7

Eng. TSO: 2033.5

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with AFTC 100hr / Annual Inspection checklist, which encompasses FAR part 43 appendix "D". Differential compression check: 1-78/80, 2-71/80, 3-71/80, 4-77/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, performed engine to magneto timing. All ops and leak check are good at this time.

AD's current through 2021-04

This AIRCRAFT has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; job number 66018031521, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno_

05/24/21

N66018

ACTT: 18936.2

Eng. TSN: 15138.5

Tach: 425.1

Eng. TSO: 2129.9

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with AFTC 100hr / Annual Inspection checklist, which encompasses FAR part 43 appendix "D". Differential compression check: 1-72/80, 2-70/80, 3-70/80, 4-72/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, performed engine to magneto timing, repaired left mag "P" lead, all ops and leak check are good at this time.

AD's current through 2021-10

This AIRCRAFT has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; job number 66018052421, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno_

| | Raymond M. Moreno (Cylla Van AP3754794 | |
|--------------|---|--|
| | This AIRCRAFT has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; job number 5371K101420, will be in this aircraft's maintenance continuation file. | This AIRC condition will be in |
| | AD's current through 2020-20 | AD's curr |
| <u>α α ω</u> | Performed inspection in accordance with AFTC 100hr / Annual Inspection checklist, which encompasses FAR part 43 appendix "D". Differential compression check: 1-72/80, 2-74/80, 3-72/80, 4-71/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, performed engine to magneto timing, applied sealant to carb air box. All ops and leak check are good at this time. | Performe appendix new oil filt spark plug |
| | 20-D2J 3-39A | Mcdel: O-320-D2J S/N: L-10513-39A |
| | N66018 ACTT: 18649.7 Eng. TSN: 14852.0 Tach: 138.6 Eng. TSO: 1843.4 | 10/16/20 ENGINE LOG |
| | | |
| | Colby Hines Colly Class AP3649980 | |
| aft's | AD's current through 2020-16 This AIRCRAFT has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; job number 5371K083120, will be in this aircraft's maintenance continuation file. | AD's cul This AIR approve |
| to si | Differential compression check: 1-78/80, 2-70/80, 3-76/80, 4-75/80. Drained engine oil, oil sample taken, installed new oil fitter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, performed engine to magneto timing, applied sealant to carb air box. All ops and leak check are good at this time. | Differenti CH4811: magneto |
| | Performed inspection in accordance with AFTC 100hr / Annual Inspection checklist, which encompasses FAR part 43 appendix "D". | Perform |
| | N66018 ACTT: 18558.2 Eng. TSN: 14760.5 Tach: 47.1 Eng. TSO: 1751.9 320-D2J 113-39A | 09/01/20 ENGINE LOG Model: 0-320-D2J S/N: L-10513-39A |
| | Keneth D. Babay | |
| | This AIRCRAFT has been inspected in accordance with 100HR inspection and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed details of work performed: MCN 66018071320, will be in this aircrafts maintenance continuation file. | and is a 660180 |
| | AD's current thought 2020-14 | AD's cu |
| | Drained engine oil and replaced oil filter wit new CH48111-1 oil filter, service w/ 8wts. Phillips 100 AW, cleaned, gapped and tested spark plugs, performed engine compression check #1:75/80, #2: 73/80, #3:74/80, #4:74/80, Check mag to engine timing. Install new tach cable. All the ops and leak check are good at this time. | Drainec tested s timing. |
| | Perform inspection in accordance with Arizona Flight Training Center 100-hour Inspection checklist, which also encompasses FAR part 43 appendix D. | Perforn encomp |
| | ENGINE LOG Model: O-320-D2J S/N: L-10513-39A | Model: 0-32 S/N: L-10513 |
| | N66018 Tach: 5082.9 Eng TT: 14666.7 Prop TT: 2937.1 ACTT: 18464.4 Eng TSO: 1658.1 Prop TSO: 1658.1 | 07/13/2020 |
| e: | NIAL MAINTENANCE LOGBOOK-SE | SUPPLEN |

| | | CE LOGBOOK | · · · · · · · · · · · · · · · · · · · | Page |
|---|---|---|--|--|
| 07/13/2020 | N66018 Tach: 5082.9 | Eng TT: 14666.7 | Prop TT: 2937.1 | |
| | ACTT : 18464.4 | Eng TSO: 1658.1 | Prop TSO: 1658.1 | <u> </u> |
| ENGINE LOG | | | | |
| Model: 0-320- | - | | | - |
| S/N: L-10513-3 | 99A | | | |
| Derform inspe | ction in accordance with Ariz | ona Flight Training Cent | er 100-hour Inspection checkli | st which also |
| • | FAR part 43 appendix D. | ona riigiit rraining cent | er 100-nour mspection thetki | |
| ciicoiiipasses i | Air part 45 appendix 51 | | | |
| Drained engine | e oil and replaced oil filter wit | new CH48111-1 oil filter | r, service w/ 8wts. Phillips 100 | AW, cleaned, gapped and |
| _ | • | | #2: 73/80, #3:74/80, #4:74/80, | |
| | new tach cable. All the ops ar | | | |
| • | · | _ | | <u></u> |
| AD's current th | hought 2020-14 | | | |
| | | | | |
| | | | | |
| This AIRCRAFT | has been inspected in accor | dance with 100HR inspe | ction and was determined to l | pe in airworthy condition |
| and is approve | ed for return to service at this | s time. Pertinent details | of work performed details of | · I—— |
| and is approve | | s time. Pertinent details | of work performed details of | · I—— |
| and is approve | ed for return to service at this | s time. Pertinent details | of work performed details of e. | work performed: MCN |
| and is approve | ed for return to service at this | s time. Pertinent details | of work performed details of | work performed: MCN |
| and is approve | ed for return to service at this | s time. Pertinent details | of work performed details of e. | work performed: MCN |
| and is approve 66018071320, | ed for return to service at thi will be in this aircrafts main | s time. Pertinent details tenance continuation file | of work performed details of e. Keneth D. Baba | work performed: MCN |
| and is approve | ed for return to service at this will be in this aircrafts mains | s time. Pertinent details tenance continuation file T: 18558.2 | of work performed details of e. Keneth D. Baba | work performed: MCN |
| and is approve 66018071320, 09/01/20 | ed for return to service at this will be in this aircrafts mains | s time. Pertinent details tenance continuation file T: 18558.2 | of work performed details of e. Keneth D. Baba | work performed: MCN |
| and is approve 66018071320, 09/01/20 ENGINE LOG | ed for return to service at this will be in this aircrafts mains N66018 ACT | s time. Pertinent details tenance continuation file T: 18558.2 | of work performed details of e. Keneth D. Baba | work performed: MCN |
| and is approve 66018071320, 09/01/20 ENGINE LOG Model: O-320-D | ed for return to service at this will be in this aircrafts mains N66018 ACT Tach | s time. Pertinent details tenance continuation file T: 18558.2 | of work performed details of e. Keneth D. Baba | work performed: MCN |
| and is approve 66018071320, 09/01/20 ENGINE LOG | ed for return to service at this will be in this aircrafts mains N66018 ACT Tach | s time. Pertinent details tenance continuation file T: 18558.2 | of work performed details of e. Keneth D. Baba | work performed: MCN |
| and is approve 66018071320, 09/01/20 ENGINE LOG Model: O-320-D S/N: L-10513-39 | nd for return to service at this will be in this aircrafts mains N66018 ACT Tach | s time. Pertinent details tenance continuation file T: 18558.2 :: 47.1 | of work performed details of e. Keneth D. Baba | work performed: MCN ———————————————————————————————————— |

This AIRCRAFT has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; job number 5371K083120, will be in this aircraft's

Colby Hines

10/16/20 N66018

AD's current through 2020-16

maintenance continuation file.

ACTT: 18649.7

Eng. TSN: 14852.0

Tach: 138.6

magneto timing, applied sealant to carb air box. All ops and leak check are good at this time.

Eng. TSO: 1843.4

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with AFTC 100hr / Annual Inspection checklist, which encompasses FAR part 43 appendix "D". Differential compression check: 1-72/80, 2-74/80, 3-72/80, 4-71/80. Drained engine oil, oil sample taken, installed new oil filter Champion CH48111-1 and serviced with 8qts Phillips 100AW oil, removed, cleaned, gapped, tested and reinstalled spark plugs, performed engine to magneto timing, applied sealant to carb air box. All ops and leak check are good at this time.

AD's current through 2020-20

This AIRCRAFT has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; job number 5371K101420, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno (Css

_AP3754794

Page:

SUPPLEMENTAL MAINTENANCE LOGBOOK-SECTION:

02/19/20

N66018

Tach: 4798.7 ACTT: 18180.2 Eng. TT: 14382.5

ENGINE LOG

Model: O-320-D2J S/N: L-10513-39A Eng. TSO: 1373.9

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist, which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Phillips 100 AW, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 74/80, #2: 76/80, #3: 74/80, #4: 74/80, Checked mag to engine timing. All the ops and leak check are good at this time.

AD's current through 2020-02

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 66018021720, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno Off Mull AP3754794

04/07/20

N66018

Tach: 4887.3

Eng. TT: 14471.1

ACTT: 18268.8

Eng. TSO: 1462.5

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist, which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Phillips 100 AW, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 79/80, #2: 76/80, #3: 77/80, #4: 78/80, Checked mag to engine timing. Install new tach cable. All the ops and leak check are good at this time.

AD's current through 2020-06

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 66018040720, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno Revenue AP3754794

05/26/2020

N66018 Tach: 4986.4 ACTT: 18367.9 Eng TT: 145720 .2 Eng TSO: 1561.6

Prop TSO: 1561.6

ENGINE LOG

SN: 17275949

Perform inspection in accordance with Arizona Flight Training Center 100-hour Inspection checklist, which also encompasses FAR part 43 appendix D.

Drained engine oil and replaced oil filter wit new CH48111-1 oil filter, service w/8wts. Phillips 100 AW, cleaned, gapped and tested spark plugs, performed engine compression check #1:78/80, #2: 76/80, #3:77/80, #4:78/80, Check mag to engine timing. Install new tach cable. All the ops and leak check are good at this time.

AD's current thought 2020-09

This AIRCRAFT has been inspected in accordance with 100HR inspection and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed details of work performed: MCN 6601852620, will be in this aircrafts maintenance continuation file.

Bill Willingham AP393768866

12/26/19

N89594

Tach: 4884.4 ACTT: 12339.2 Eng. TT: 14249.8 Eng. TSO: 1241.2

ENGINE LOG Model: O-320-D2.

Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist, which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Phillips 100 AW, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 74/80, #2: 76/80, #3: 74/80, #4: 74/80, Checked mag to engine timing. Installed new intake gaskets. All the ops and leak check are good at this time.

AD's current through 2019-24

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594122619, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno

AP375479

01/21/20

N89594

Tach: 4977.9

Eng. TT: 14343.3

ACTT: 12432.7

Eng. TSO: 1334.7

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist, which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Phillips 100 AW, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 78/80, #2: 74/80, #3: 74/80, #4: 77/80), Installed 500 hour inspected magneto's, checked mag to engine timing.

Removed completed engine and prop assembly to facilitate other maintenance and install on N66018

AD's current through 2019-26

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594012120 will be in this aircraft's maintenance continuation file.

M.J. Swartwood

_AP3567883

01/21/20

N66018

Tach: 4759.5

Eng. TT: 14343.3

ACTT: 18141.0

Eng. TSO:1334.7

ENGINE LOG Model: O-320-D2J

S/N: L-10513-39A

Installed serviceable engine Model: O-320-D2J, S/N: L-10513-39A using Cessna maintenance Manual

M.J. Swartwood Mr Moles

AP3567883

09/04/19

N89594

Tach: 4619.2 **ACTT: 12074.0** Eng. TT: 13984.6 Eng. TSO: 976.0

ENGINE LOG

Model: O-320-D2J

S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist. which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Phillips 100 AW, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 75/80, #2: 76/80, #3: 75/80, #4: 86/80, Checked mag to engine timing. All the ops and leak check are good at this time.

AD's current through 2019-16

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594090319, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno

10/09/19

N89594

Tach: 4706.0

Eng. TT: 14071.4

ACTT: 12160.8

Eng. TSO: 1062.8

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist, which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Phillips 100 AW, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 70/80, #2: 74/80, #3: 74/80, #4: 76/80, Checked mag to engine timing. All the ops and leak check are good at this time.

AD's current through 2019-18

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594100719, will be in this aircraft's maintenance continuation file.

Jeremy Stockten

- AP3133892

11/13/19

N89594

Tach: 4796.4

Eng. TT: 14616.8

ACTT: 12251.2

Eng. TSO: 1153.2

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist, which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Phillips 100 AW, cleaned, gapped and tested spark plugs. performed engine compression check (#1: 78/80, #2: 74/80, #3: 74/80, #4: 76/80, Checked mag to engine timing. All the ops and leak check are good at this time.

AD's current through 2019-22

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594111319, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno

MAINTENANCE RECORD

05/03/19

N89594

Tach: 4327.4 ACTT: 11782.2

Eng. TT: 13788.5 Eng. TSO: 779.9

ENGINE LOG

Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist. which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Aeroshell W100 plus, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 70/80, #2: 68/80, #3: 72/80, #4: 78/80, Checked mag to engine timing, tightened oil filler tube and safetied. All the ops and leak check are good at this time.

AD's current through 2019-08

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594050319, will be in this aircraft's maintenance continuation file.

Bill Willingham

06/07/19

N89594

Tach: 4423.1

Eng. TT: 13884.2

ACTT: 11877.9

Eng. TSO: 875.6

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist. which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Aeroshell W100 plus, cleaned, papped and tested spark plugs, performed engine compression check (#1: 76/80, #2: 74/80, #3: 74/80, #4: 76/80, Checked mag to engine timing, tightened oil filler tube and safetied. All the ops and leak check are good at this time.

AD's current through 2019-10

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594060719, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno Rayle Ulur AP3754794

07/31/19

N89594

Tach: 4521.9 **ACTT: 11976.7** Eng. TT: 13887.3 Eng. TSO: 878.7

ENGINE LOG

Model: O-320-D2J

S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center Annual/ 100-hour inspection checklist, which also encompasses FAR part 43 appendix "D". Differential compression check: 1-74/80, 2-74/80, 3-74/80, 4-76/80. Drained oil, installed new oil filter, p/n CH48110-1, and serviced with 8qts W100 Aeroshell. Cleaned and rotated spark plugs. Checked magneto to engine timing, Adjusted engine idle to 750RPM, tightened all oil return hoses, installed new r/h engine baffle retainer spring, all operational and leak checks are good.

AD17-16-11 Engine Connecting Rod Assemblies, N/A by Engine S/N

AD's current through 2019-14

This engine has been inspected in accordance with a 100 HOUR INSPECTION and was found Airworthy and approved for return to service at this time. Pertinent details of work performed; job number 89594071519, will be in this aircraft's maintenance continuation file

M.J. Swartwood

AP3567883IA

02/04/19

N89594

Tach: 4092.1 **ACTT: 11546.9** Eng. TT: 13553.2 Eng. TSO: 544.6

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed Inspection in accordance with Cessna Maintenance Manual Inspection Checklist, which encompasses FAR part 43 appendix "D".

Replaced engine oil and filter, serviced w/ 7qts. Aeroshell W100 plus, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 76/80, #2: 73/80, #3: 76/80, #4: 74/80, All ops and leak check good at this time.

AD's current through 2019-02

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and Is approved for return to service at this time. Pertinent details of work performed; MCN 89594020419, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno Raylhellonen AP3754794

03/11/19

N89594

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Tach: 4180.5

Eng. TT: 13641.6

ACTT: 11635.3

Eng. TSO: 633.0

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

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Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist. which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Aeroshell W100 plus, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 76/80, #2: 73/80, #3: 76/80, #4: 74/80, Checked mag to engine timing, All the ops and leak check are good at this time.

AD's current through 2019-04

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594031119, will be in this aircraft's maintenance continuation file.

Raymond M. Morend Caylyllana AP3754794

04/11/19

N89594

Tach: 4252.2

Eng. TT: 13713.3

ACTT: 11707.0

Eng. TSO: 704.7

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist, which also encompasses FAR part 43 appendix "D".

Drained engine oil and replaced oil filter with new CH48111-1 oil filter, serviced w/ 8qts. Aeroshell W100 plus, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 74/80, #2: 76/80, #3: 74/80, #4: 76/80, Checked mag to engine timing. tightened oil filler tube and safetied. All the ops and leak check are good at this time.

AD's current through 2019-06

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594041119, will be in this aircraft's maintenance continuation file. Raymond M. Moreno Ocayler Message AP3754794

of

N89594 10/30/18 Tach: 3841.5 Eng. TSN: 13302.6 Eng. TSO: 294.0 ACTT: 11296.3

ENGINE LOG Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Cessna Maintenance Manual Inspection Checklist, which encompasses FAR part 43 appendix "D". The owner or operator has been provided with a list of deferred discrepancies (if any).

Replaced engine oil and filter, cleaned-gapped-tested spark plugs, performed engine compression check (#1: 77/80, #2: 79/80, #3: 78/80, #4: 79/80.

AD's current through 2018-22

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594102818, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno Raylan Moreno AP3754794

12/13/18

N89594

Tach: 3935.9 ACTT: 11390.7 Eng. TSN: 13397.0

Eng. TSO: 384.4

ENGINE LOG Model: O-320-D2J

S/N: L-10513-39A

Performed inspection in accordance with Cessna Maintenance Manual Inspection Checklist, which encompasses FAR part 43 appendix "D". The owner or operator has been provided with a list of deferred discrepancies (if any).

Replaced engine oil and filter, cleaned-gapped-tested spark plugs, performed engine compression check (#1: 79/80, #2: 78/80, #3: 78/80, #4: 77/80.

AD's current through 2018-25

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594121018, will be in this aircraft's maintenance continuation file.

James M. Frierson

01/14/19

N89594

Tach: 4028.8 ACTT: 11483.6 Eng. TT: 13489.9 Eng. TSO: 481.3

ENGINE LOG Model: O-320-D2J

S/N: L-10513-39A

Performed inspection in accordance with Cessna Maintenance Manual inspection Checklist, which encompasses FAR part 43 appendix "D".

Replaced engine oil and filter, cleaned, gapped and tested spark plugs, performed engine compression check (#1: 78/80, #2: 76/80, #3: 78/80, #4: 77/80, Installed new EGT probe.

AD's current through 2018-26

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594011419, will be in this aircraft's maintenance continuation file.

Raymond M. Moreno Republic AP3754794

AP3780410

NOTE: This document is part of the aircraft permanent maintenance records. DO NOT DESTORY

MAINTENANCE RECORD

FAR 43.9 N89594 07/05/18 Tach: 3547.5 Eng. TSN: 13008.6 ACTT: 11002.5 Eng. TSO: 0.0 **ENGINE LOG** Model: 0-320-D2J S/N: L-10513-39A Performed inspection in accordance with Cessna Maintenance Manual Inspection Checklist, which encompasses FAR part 43 appendix "D". The owner or operator has been provided with a list of deferred discrepancies (if any). No discrepancies noted at this time. Compression test omitted due to zero time on engine. AD's current through 2018-12 This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594050718, will be in this aircraft's maintenance continuation file. James Frierson AP3780410 N89594 08/24/18 Tach: 3642.4 Eng TSN: 13103.5 Actt: 11097.2 Eng TSO: 94.9 **ENGINE LOG** Performed inspection in accordance with Arizona Flight Training Center ANNUAL Inspection checklist, which also encompasses FAR part 43 appendix "D". Differential compression check: 1-79/80, 2-78/80, 3-78/80, 4-79/80. Drained oil, installed new oil filter, p/n CH48110-1, and serviced with 8qts W100 Aeroshell. Cut open and inspected filter, no defects noted, Oil sample taken. Cleaned, gapped and rotated spark plugs, adjusted engine idle and mixture. Checked mag to engine timing. Tightened all oil return hoses, Installed inter cylinder baffle connect on #2&4 cylinders. Installed heat shield and wrap to starter cable. Ops and leak checks are AD's current through 2018-17 This engine has been inspected in accordance with a ANNUAL INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; job pumber 8959408132018, will be in this aircraft's maintenance continuation file M.J.Swartwood AP3567883IA N89594 09/21/18 Tach: 3742.0 Eng. TSN: 13203.1 ACTT: 11196.8 Eng. TSO: 194.5 **ENGINE LOG** Model: O-320-D2J S/N: L-10513-39A

Performed inspection in accordance with Cessna Maintenance Manual Inspection Checklist, which encompasses FAR part 43 appendix "D". The owner or operator has been provided with a list of deferred discrepancies (if any).

Replaced engine oil and filter, cleaned-gapped-tested spark plugs, performed engine compression check (#1: 79/80, #2: 79/80, #3: 79/80, #4: 77/80. adjusted engine to magneto timing, tightened #4 oil drainback tube, re-safety tied oil dipstick, replaced muffler, re-secured oil in and out lines to oil cooler, replaced clamp on alternator wiring

AD's current through 2018-19

This ENGINE has been inspected in accordance with a 100HR INSPECTION and was determined to be in airworthy condition and is approved for return to service at this time. Pertinent details of work performed; MCN 89594091818, will be in this aircraft's maintenance continuation file.

James Frierson

TAOTE. This document is part of the ancian permanent maintenance records.

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 AIRCRAFT ENGINE SPECIALISTS, LLC 2330 SOUTH AIRPORT BOULEVARD, SUITE #5 CHANDLER, ARIZONA 85286 (480) 516-0390 CRS # ZF7R728Y

This engine has been overhauled in accordance with the Lycoming Overhaul Manual 60294-7-14 and other FAA-approved procedures. Applicable FAA Airworthiness Directives and manufacture service bulletins have been complied with, see AD sheet All parts have been inspected and accessories are either new or newly overhauled NDT on major components referenced on 8130's of venders Camshaft is new Lifters overhauled by AEA wo 189098. Cranksae repaired at Divco wo 118838 Camshaft overhauled at ACSS wo 249073. Crankshaft pn 76948 sn 81303 repaired by ACSS wo 249073, complied with Service Bulletin 475C by inspection of bolt hole threads, new bolt, torque bolt to 204 inch lbs and bend lock tab. New cylinder kits, \$1,32006W-A20P,sn #1- 326W-F18-19922, #2-326W-F18-19923, #3- 326W-F18-19924, #4-326W-F18-19920. Carburetor MA-48PA, pn 10-5217 sn CK264270 overhauled wo 041399 Right magneto 4371 sn 13050454 overhauled wo M4142-18-05. Engine test run and was found in an airworthy condition. Starter 149-NL sn 11-S052206, new. Further details of this engine overhaul may be found at this facility under work order E5476-18-05.

James Wheeler

| | | | Par | ts Used on WO#E54 | | | - thromasu | 1 = 2.2 |
|---|--------------|---------------------------|-----|-------------------|---------------------------------|----|---------------|-----------------------|
| 1 | 61084 | SPRING | 1 | SL53E19600 | VERNATHERM VALVE | 3 | LW-31H0.88 | BOLT |
| 1 | 62417 | PLUG | 1 | SL68759 | DRAINBACK TUBE (360) | 4 | 69603 | HOSE ASSY |
| 1 | 71140 | FITTING | 1 | SL68760 | DRAIN BACK TUBE (360) | 4 | 73346 U/S | FLANGE, INT U/S |
| 1 | 71596 | WASHER | 1 | SL69371-1 | GASKET SET | 4 | 74636 U/S | ROCKER ARM |
| 1 | 72220 | GASKET | 1 | SL70484 | SCREEN OIL SUCTION | 4 | SL11020 M06 | BEARING |
| 1 | 75761 | TUBE | 1 | SI.72970 | GEAR ASSEMBLY (360) | 4 | SL13444-1 | PISTON PIN WITH PLUGS |
| 1 | 75767 | TUBE | 1 | SL75072 | GEAR & BUSH ASSY (360) | 4 | SL13790A | SHAFT,ROCKER |
| 1 | 77808 | VALVE ASSY | 1 | SL78528KIT | OIL PUMP KIT | 4 | SL18790 | ROCKER ARM (360) |
| 1 | 149-NL | STARTER | 1 | SL-STD-1211 | PLUG | 4 | SL32006W-A20P | POWER ASSY NEW |
| 1 | 204418-156 | OIL FILTER ADAPTER ASSY | 1 | SL-STD-2213 | SCREW | 4 | SL74084 | INTAKE PIPE |
| 1 | 61098 U/S | ADAPTER ASSY-VAC PUMP U/S | 1 | STD-2168 N/S | NUT N/S | 4 | SLR75906 | GASKETS |
| 1 | 78915 U/S | SUMP ASSY | 2 | 71610 | HOOK | 4 | STD-1821 | HOSE |
| 1 | AA48110 | OIL FILTER | 2 | 71611 | RETAINER | 4 | STD-1901 | SCREW |
| 1 | AEL19646 | GEAR | 2 | 4371 OHC | MAGNETO OHC | 5 | SL13923A | BUSHING, SPLIT SEAM |
| 1 | AEL76121 | SHAFT | 2 | 74996 U/S | GEAR ASSY-CRANKSHAFT IDLER U/S | 6 | 15F19957-14 | ROD ASSY |
| 1 | AF15472 | FUEL PUMP | 2 | LW12706 U/S | ADAPTER MAG IMP COUPLING U/S | 8 | QS200M28H | CLAMP |
| 1 | CH48110-1 | FILTER | 2 | LW13796 U/S | SHAFT-CRANKSHAFT IDLER GEAR U/S | 8 | QS200MGH | CLAMP |
| 1 | LW12408 U/S | ACCY CASE | 2 | MS20823-8 | ELBOW ASSY | 8 | REM38E | SPARK PLUG |
| 1 | I.W-14798 | GAUGE ASSY | 2 | SL13884A M06 | BEARING | 8 | SL12186 | NUT |
| 1 | LW-18402 OHC | CRANKCASE | 2 | SL31C-15 | STUD | 8 | SL12892 | THRUST BUTTON |
| 1 | LW-31-1 16 | BOLT | 2 | SI.31C-19 | STUD | 8 | SL61662 M06 | BEARING |
| 1 | M4001 | HARNESS | 2 | SL61665 | GEAR (360) | 8 | SL68987 | TUBE, SHROUD |
| 1 | SL1028-B | BALL-CHROME ALLOY | 2 | SL68761 | DRAIN BACK TUBE (360) | 8 | SI.74637 | BUSHING |
| 1 | SI.18639 | LOCKPLATE | 2 | SI.72569 | BAFFLE | 8 | SL78027 | ROD BOLT |
| 1 | SL18840 | CAMSHAFT | 2 | SL78914 | CONNECTOR | 10 | SL-STD-1410 | NUT |

-END-

| 07/05/18 | N89594 | Tach: 3547.5 ACTT: 11002.5 | Eng. TSN: 13008.6 Eng. TSO: 0.0 | |
|---|------------------------|-------------------------------|---|-------------|
| ENGINE LOG Model: O-320-D S/N: L-10513-39 | | | Elig. 100. 0.0 | |
| The Thai Ho | mooreparioles noted at | uns une. | 0513-39A. Serviced engine with 7 qts Mineral oil and performed of | operational |
| | | | | |
| Pertinent detail | s of work performed; | ; MCN 89594050718, will be i | n this aircraft's maintenance continuation file. | |
| Pertinent detail | s of work performed; | ; MCN 89594050718, will be i | James FriersonAP378041 | 0 |
| Pertinent detail | s of work performed; | ; MCN 89594050718, will be i | | 0 |
| Pertinent detail | s of work performed; | ; MCN 89594050718, will be i | | 0 |

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DO NOT DESTORY

Page of

| | ENGINE ENTRY LOG | | |
|---|--|--|--------------------|
| EG. NO: N89594 | ACTT: 9130.0 | TACH: 1639.2 | |
| emoved magnetos to be rebuil | t reinstalled per Cessna service | manual. Cleaned and te | sted spark plugs . |
| ATE: 12/3/12 SIGNED: | indu | A&P 3639263 Sco | tt Birky |
| | ENGINE ENTRY LOG | | |
| i. NO: N89594 | ACTT: 9132.0 | TACH: 1641.2 | |
| r. E: 12/3/12 SIGNED: Su | quarts Aeroshell w100 and CH | 48111-1. Opened and in A&P 3639263 Scott | |
| E. 12/3/12 SIGNED | | _ A&F 3039203 3C011 | oli ky |
| | ENGINE ENTRY LO | G | |
| REG. NO: N89594 | ACTT: 9179.2 | TACH: | 1688.5 |
| ENG. SN: L-10513-39A ENG TSO 2382.3 | TTIS: 12,948.8 | | |
| Performed 100 hour inspectio Changed oil and filter. Installe | n in accordance with Lycoming d 8 quarts Aeroshell 100w50 a | nd CH48111-1 oil filter. | Cleaned, gapped |
| and tested spark plugs Cylind I certify that this aircraft engin | e has been inspected in accord | | |
| and tested spark plugs Cylind | e has been inspected in accord | | |
| and tested spark plugs Cylind I certify that this aircraft engin | e has been inspected in accord tion at this time and date. | | pection and was |
| and tested spark plugs Cylind I certify that this aircraft engin found to be in airworthy condi | e has been inspected in accord tion at this time and date. | ance with a 100 hour ins | pection and was |

ENGINE ENTRY LOG

REG. NO: N89594

ACTT: 8,827.8

TACH:

1390.0

Performed 100 hour inspection in accordance with Lycoming inspection and maintenance guidelines. Changed oil and filter. Installed 8 quarts Aeroshell 100w50 and CH48111-1 oil filter. Cleaned, gapped and tested spark plugs Cylinder compressions: 1: 75/80, 2: 76/80, 3:73/80, 4: 71/80.

I certify that this aircraft engine has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition at this time and date.

DATE: 06/27/2012 SIGNED: _

____ A&P 3018684 Jim Ochwatt

ENGINE ENTRY LOG

REG. NO: N89594

ACTT: 8981.0

TACH:

1490.0

ENG. SN: L-10513-39A

TTIS: 12,750.6

ENG TSO

2283.1

Performed 100 hour inspection in accordance with Lycoming inspection and maintenance guidelines. Changed oil and filter. Installed 8 quarts Aeroshell 100w50 and CH48111-1 oil filter. Cleaned, gapped and tested spark plugs Cylinder compressions: 1: 76/80 74/80 76/80 72/80. All times corrected.

I certify that this aircraft engine has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition at this time and date.

DATE: 8/18/12 SIGNED: ______ A&P 3639263 Scott Myron Birky

ENGINE ENTRY LOG

REG. NO: N89594

ACTT: 9080.0

TACH:

1589.2

ENG. SN: L-10513-39A

TTIS: 12,849.6

ENG TSO

2382.3

Performed 100 hour inspection in accordance with Lycoming inspection and maintenance guidelines. Changed oil and filter. Installed 8 quarts Aeroshell 100w50 and CH48111-1 oil filter. Cleaned, gapped and tested spark plugs Cylinder compressions: 1: 76/80 74/80 74/80 72/80. All times corrected.

I certify that this aircraft engine has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition at this time and date.

DATE: 11/8/12 SIGNED: ______ A&P 3639263 Scott Birky

Executive Aviation, LLC dba Aeromech, 6801 N Glen Harbor Blvd., Suite C107, Glenndale AZ 85307

ENGINE LOG ENTRY

REG NO: N89594

W/O# 40002

8,753.6,00

TACH:

1,262.6

ENG SN: L-10513-39A

TTIS: 12,497.0

TSO:

12,558.000

Changed oil and filter. Installed 7 quarts Aeroshell W100 and CH48111-1 oil filter. Opened and inspected filter. No defects found.

DATE: 04/05/12 SIGNED: Www. Julian AP33964381A

Glendale Aircraft Maintenance, 6801 N Glen Harbor Blvd Suite 206D, Glendale Arizona 85307

ENGINE LOG ENTRY

REG NO: N89594

W/O# 40013

8781.0 N 8,727.8 ACTT:

TACH:

1,290.0

ENG SN: L-10513-39A

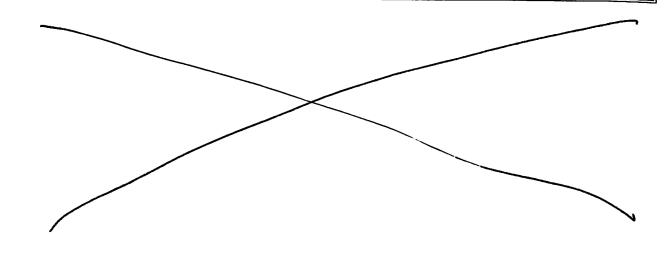
TTIS: 12,497.4 12,585.4600

2,029.9 Dl 2,056.9

Complied with a 100 hour inspection in accordance with Lycoming O-320 and Cessna 172 maintenance and inspection criteria. Changed oil and filter. Installed 8 quarts Aeroshell 100w50 and CH48111-1 oil filter. Cleaned, gapped and tested all spark plugs. Cylinder compressions: 1: 76/80, 2: 76/80, 3: 74/80, 4: 70/80. AD's current through 2012-06.

I certify that this aircraft engine has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition at this time and date.

DATE: 04/27/12 SIGNED: Nacidus Lus AP3396438IA Dave Irish



DATE TACH. ENGINE: **ENGINE** Description of work performed Signature & Certificate # READING TOTAL/TIME TIME SMOH

Executive Aviation, LLC dba Arizona Flight Training Center, 6801 N Glen Harbor Blvd #107, Glendale AZ 85307

ENGINE LOG ENTRY

REG NO: N89594

W/O# 9985

ACTT: 8,582.9 • TACH:

1,091.9

ENG SN: L-10513-39A

TTIS: 12,353.8

TSO:

1.091.9

12,3525 RR

1,886.3

Complied with Annual Inspection in accordance with Lycoming 0-320 and Cessna 172 maintenance and inspection criteria. Changed oil and filter. Installed 7 quarts Aeroshell W100 and CH48110-1 oil filter. Cleaned, gapped and tested all spark plugs. Cylinder compressions: 1: 78/80, 2: 78/80, 3: 70/80, 4: 72/80. I certify that this aircraft engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition at this time and date.

DATE: 01/10/12 SIGNED: Mary Ap3396438IA Dave Irish

Executive Aviation, LLC dba Aeromech, 6801 N Glen Harbor Blvd., Suite C107, Glenndale AZ 85307

ENGINE LOG ENTRY

REG NO: N89594

W/O# 9999

ACTT: 8,681.4

TACH:

1,190.4

ENG SN: L-10513-39A

TTIS: 12,485.8

TSO:

1,190.4 2018.3

Complied with 100 hour inspection in accordance with Lycoming 0-320and Cessna 172 maintenance and inspection criteria. Changed oil and filter. Installed 7 quarts Aeroshell W100 and CH48110-1 oil filter. Cleaned, gapped and tested all spark plugs. Cylinder compressions: 1: 78/80, 2: 78/80, 3: 70/80, 4: 72/80.

I certify that this aircraft engine has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition at this time and date.

DATE: 03/10/12 SIGNED: Manufallish AP3396438IA Dave Irish

TACH. **ENGINE ENGINE** Description of work performed DATE READING TOTAL/TIME TIME SMOH Signature & Certificate #

Executive Aviation, LLC dba Arizona Flight Training Center, 6801 N Glen Harbor Blvd #107, Glendale AZ 85307, 623.877.9334

REG. NO: N89594

W/O#:

9895

TACH: 794.7

ENG TT:

12055.3

ACTT: 8285.7

ENG TSO: 1587.8

Completed 100 Hour Inspection in accordance with Cessna 172 inspection guidelines. Changed oil and filter with CH48110-1 filter and 7 qts. Aeroshell 100W50. Compression results: #1-78/80, #2-74/80, #3-76/80, #4-76/80. All ops and leak checks good. AD's current through 2011-11/12. All work done in accordance with Lycoming service information and maintenance manuals.

I certify that this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

DATE

5/24/2011

SIGNATURE

AP3348505

Gary Senatore

Executive Aviation, LLC dba Arizona Flight Training Center, 6801 N Glen Harbor Blvd #107, Glendale AZ 85307, 623.877.9334

REG. NO: N89594

1

W/O#:

9939

TACH: 893.2

ENG TT:

12153.8

ACTT: 8384.2

ENG TSO: 1686.3 ·

Completed 100 Hour Inspection in accordance with FAR 43, Appendix D. Drained oil and removed oil filter. Cut open oil filter and inspected oil filter for contaminants. None found. Inspected oil suction screen, cleaned and reinstalled screen. Serviced engine with 7 quarts of AS 100W oil. Installed ES48110-1 filter. Compression results: #1-78/80, #2-76/80, #3-78/80, #4-75/80. Removed and replaced #4 bottom spark plug lead nut. All ops and leak checks good. AD's current through 2011-16. All work done in accordance with Lycoming service information and maintenance manuals.

I certify that this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

DATE:

9/2/2011

AP3348505

Gary Senatore

Executive Aviation, LLC dba Arizona Flight Training Center, 6801 N Glen Harbor Blvd #107, Glendale AZ 85307, 623.877.9334

REG. NO: N89594

W/O#:

9943

TACH: 912.8

ENG TT: 12173.4 -

ACTT: 8403.8 -

ENG TSO:

Removed inop left hand magneto (P/N 4371, S/N 05140035). Installed serviceable magneto (P/N 4371, S/N 07031485). Timed magneto to engine pops check. Ok.

DATE:

9/17/2011

SIGNATURE

AP3348505

Gary Senatore

Executive Aviation, LLC dba Arizona Flight Training Center, 6801 N Glen Harbor Blvd #107, Glendale AZ 85307, 623.877.9334

REG. NO: N89594

W/O#:

9955

ENG TT:

12253.6

ENG TSO: 1786.1

Completed 100 Hour Inspection in accordance with FAR 43, Appendix D. Drained oil and removed filter. Cut open oil filter and inspected for contaminants. None found. Inspected oil suction screen, cleaned & reinstalled screen. Removed and inspected Bracket filter and reinstalled. Serviced engine with 8 quarts of AS 100W oil and installed ES4811-1 filter. Replaced worn spark plugs with new (REM38E and top 4-REM40E). C/W 500 hour Magneto replacement by installing remanufactured magnetos (p/n 4371, RH s/n 09100506, LH s/n 08021647). Compression results: #1-79/80, #2-79/80, #3-79/80, #4-70/80. All ops and leak checks good. AD's current through 2011-22. All work done in accordance with Lycoming service information and maintenance manuals.

I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

DATE:

10/29/2011

SIGNATURE Mavid W Sish

| | TACH. READING | ENGINE TOTAL/TIME | ENGINE TIME SMOH | Description of work performance Signature & Certifica | |
|-------------|---|---|--|---|--|
| 10-30-0 | | | | Completed lostic insp. 1A1 | WFAR US App. D. |
| | | | | Drained oil, removed + in | 1 1 1 1 |
| | | 1 | | 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | M 1 LI |
| | 1 | | | no detects noted Installed | 1 |
| | | | | (1/w CH48110-1) and Service | |
| _ | National Artist | | | Aeroshell WIDD. Timed | magnetos; no detects |
| × | 19.50 | | | no tecl. Cleaned + rotated | -sparte plugs: |
| | | | | R/R vacuum pump (P/M) | 215(C); ops check |
| | 75 | r - I pro | 11 | good. TR oil dipstick of | asket. Kan + leak checked |
| | | See S | 4.47 | engine; no defects not | ed. No new or recurring |
| | | | | 16- 111 1 | itify this engine |
| | 1-0 | | | Λ . | orely return it. |
| | | | | to service, Auron Cook | AP3118734 Andal |
| | | | - | END - | The state of the s |
| 6-16- | -10 | N | 189594 | Tach: 495.7 | Eng TSN: 11,756.3 |
| - | | | gine Log | ACTT: 7555.4 7986.7 with <u>Cessna 172</u> 50-, 100-hr, 200-hr and 1-yr ch | Eng TSO: 1288.8 |
| | I certify to be in | that this engi airworthy cor | ine has been ndition. Rudy Ti | inspected in accordance with an Annual Insperience AP526797588IA | pection and was determined |
| 1 | 10-23-10 | | N89594 Engine Log | Tach: 595.3 ACTT: 8086.3 | Eng TSN: 11,855,9 |
| | | | | | Eng TSO: 1388.4 |
| fi | ilter (CH48110-1) ar cleaned carb fu 2010-21. All ops and I I cer | nd svc'd with a el inlet straine leak checks go | n in accordan 7 qt. A/S W10 r. Removed pood. Work do engine has be ondition. | ce with <u>Cessna 172P</u> 50- & 100-hr checklist iter 10 oil. Serviced & rotated spark plugs. Draine propeller, replaced crankshaft seal (LW-13792). Add the IAW <u>Cessna 172 SM</u> & <u>Lycoming</u> service information in the centine service in accordance with a 100-hr In the IAW Tilman AP52679758. | ms. Drained oil, inspected & replaced oil ed carburetor float bowl and inspected & ljusted idle RPM. ADs current through ormation. spection and was determined to |
| fi | ilter (CH48110-1) ar cleaned carb fu 2010-21. All ops and I I cer | nd svc'd with a el inlet straine leak checks go tify that this e n airworthy co | n in accordan 7 qt. A/S W10 r. Removed pood. Work do engine has be ondition. | ce with <u>Cessna 172P</u> 50- & 100-hr checklist iter to oil. Serviced & rotated spark plugs. Draine propeller, replaced crankshaft seal (LW-13792). Add the IAW <u>Cessna 172 SM</u> & <u>Lycoming</u> service inforcer inspected in accordance with a 100-hr In the law of the law o | ms. Drained oil, inspected & replaced oil ad carburetor float bowl and inspected & ljusted idle RPM. ADs current through primation. Spection and was determined to |
| 2 | ilter (CH48110-1) ar cleaned carb fu 2010-21. All ops and I I cer be ir | nd svc'd with a el inlet straine leak checks go tify that this e n airworthy co | n in accordan 7 qt. A/S W10 r. Removed pood. Work do engine has be ondition. | ce with <u>Cessna 172P</u> 50- & 100-hr checklist iter to oil. Serviced & rotated spark plugs. Draine propeller, replaced crankshaft seal (LW-13792). Add the IAW <u>Cessna 172 SM</u> & <u>Lycoming</u> service information in the centing service in accordance with a 100-hr In the IAW Tilman AP52679758. | ms. Drained oil, inspected & replaced oil ad carburetor float bowl and inspected & ljusted idle RPM. ADs current through primation. Spection and was determined to |
| //-23-10 | ilter (CH48110-1) arcleaned carb fue 2010-21. All ops and I cerbe in | leak checks go tify that this en airworthy co | n in accordan 7 qt. A/S W10 r. Removed bod. Work do engine has be ondition. Ruc A+R A+S N89594 Engine Log | ce with <u>Cessna 172P</u> 50- & 100-hr checklist iter to oil. Serviced & rotated spark plugs. Draine propeller, replaced crankshaft seal (LW-13792). Ad the IAW <u>Cessna 172 SM</u> & <u>Lycoming</u> service inforced in accordance with a 100-hr In the Impact of the plugs as recessary. Tach: 695.0 ACTT: 8186.0 | ms. Drained oil, inspected & replaced oil ed carburetor float bowl and inspected & ljusted idle RPM. ADs current through ormation. spection and was determined to 8 1-7/89, 2-77/89, 3-76/89 Eng TSN: 11,955.6 Eng TSO: 1488.1 |
| #-23-10 | ilter (CH48110-1) arcleaned carb fue 2010-21. All ops and I I cerbe in 1 CP I CP | leak checks go tify that this en airworthy co leak Inspection er (CH48110-1) and rotated spark the Adjusted ak checks goo | n in accordant 7 qt. A/S W10 r. Removed bod. Work do engine has be bondition. Ruc A+R & Sp N89594 Engine Log in accordance d svc'd with k plugs. Drain idle RPM and d. Work done engine has bee | ce with <u>Cessna 172P</u> 50- & 100-hr checklist iter to oil. Serviced & rotated spark plugs. Draine or opeller, replaced crankshaft seal (LW-13792). Add the IAW <u>Cessna 172 SM</u> & <u>Lycoming</u> service information in the centing of the control of the co | Eng TSN: 11,955.6 Eng TSO: 1488.1 Checklist items. Drained oil, inspected & carb fuel inlet strainer. Tightened & carb fuel inlet strainer. Tightened & carb fuel inlet strainer. |

| DATE | TACH. READING | ENGINE TOTAL/TIME | ENGINE TIME SMOH | Description of work performed Signature & Certificate # |
|---------|------------------|-------------------|---------------------|--|
| 6-26-09 | | | | Completed both inspection IAW FAR 43 |
| | / | | | Appendix D. Drained oil, removed and inspected |
| | | | | filter, no defects noted. Installed oil filter |
| / | | | | (P/N CH48110-1) and serviced 5-mp using 70 |
| | | | | Aeroshell W100. Cold compression test within |
| | | | | acceptable ranges. KR Inlet filter (% 408). |
| | | | | Found leak in primer line. Disconnected |
| | | | | primer line at finewall and capped off. |
| | | | | Primer is placarded INOP. Ran + leak checked |
| / | | | | engine; no defects noted. No new or |
| 1 | | | / | this engine is girmorthy and hereby |
| | | | | return :- to service. |
| / | | | | Haron Cook AP3/18734 |
| | | | | GND ~ |
| 8-29-09 | 358.9 | | | Completed loote inspection IAW FAR 43 App. D. |
| HUBBS | 2481.8 | | , | Drained oil, removed + inspected oil filter |
| | | | | no detects noted. Installed oil filter |
| -/ | | | | (P/N CH48111-1) + Serviced Supp USING TO |
| • | | | / | Heroshell WIOO. (rimpression test as follows: |
| -/ | | | | 11 /80 2 /80 3) 180 4 /80 Rinlet |
| | | | | filter (P/N blo8). R/R section of primer line noted in the entry dated 6-26-09; GPS check |
| | | | / | good. Clegned spork plugs. Adjusted ensine |
| / | | | | to magneto timing. No new or recurring |
| | | | | AD's at this time. certify this engine is |
| | | | / | armorthy and honeby return it to sorvice. |
| | | | | Agran Cook AP 3118734 SounCal |
| | | | | - FND |
| | \ | | | |
| | | | | |
| / | | | | |

MAINT. LOG ENTRY W0:21208-15 000.0 Old Tach: 6862.7 Replaced Tach. with NEW P/N: D1-112-5023 S/N 28409 New Tach: 000.0 CERT. #15/5/086/8/8 (SIGNEDY/C DATE TACH SERIAL# L-10613-39A ENGINE LOG ENTRY MODEL # 0-320-D2J R WO# 22821 N89594 815.4 8-16-08 11282.9 22.2 TACH SMOH DATE TTE I certify this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies and unalignmenthy items dated 8-16-08 has been provided for the aircraft operator, D.C.A. CERTS#/18/5/08/6/18/8 SIGNED-MY SMO H that I have performed 11-18-08 11321.0 953.5 range APS9328/693 IA N89594 160.0 109 TACH: H48110-1 1/80 service return 3118734 END

N89594

WO:21208-15

| | N89594 | ERGIRE MAIRI. | Laiki L | WO# 19795 | | ON LIGHTON | |
|-------------|---|---|--|--|--|---------------------------------------|---------------------------------------|
| | 11-13-06 | | 6069.6 | | | | |
| | DATE | TTE Installed OVH ENGIN | TACH | 8MOH | han haan aad | | |
| D/ | | | with manufact | tres mantenance | nes vocu paro manuals. | illien in accolnsice | |
| | ALGMERA | Allin Muse | | | 1.1810 | | |
| 1 | SIGNED | Journ J Pyer | CER CER | T##/71.45/080 | Q1010 | | |
| | • | /// | NY MAREI | # O-320-D2J | SERIAL# L | -10513-39A | |
| | NACECA | ENGINE LOG ENT | KY MODEL | WO# 20377 | 401101011 | | |
| | N89594 1-13-07 | 10551.3 61 | 53.3 83.8 | | | • | |
| <u> </u> | | | ACH SMO | H | ID Inon and a | list of discrepancies and | · · · · · · · · · · · · · · · · · · · |
| 1 | I cert | ify this ENGINE Was i | inspected in accu a dated 1-13-07 h | sa poeu brovided | for the aircraft | owner D.C.A. | • |
| | (| | , 44104 , , , , | #A&P 5117 | 12956 | | |
| <u></u> | SIGNED_ | KND 11 book | CERT | 9#1787 | ×24 . 74 | | |
| 1 | B | ENGINE LOG ENT | RY MODEL | # O-320-D2J | OEDIAL # 1 | 40545 00 4 | • |
| | N89594 | THOME EOO EN | KI MODEL | ₩O# 20379 | SERIAL# L | 10513-39A | |
| | 3-31-07 | | 245.6 176.1 | | | | |
| 1 | DATE | TTE T | ACH 8M0 Inspected in acco |)H Yerlance with 180 U | ID inen and a | list of discrepancies and | |
| - | - | unairworthy item | e dated 3-31-07 h | es been provided | for the aircraft | owner D.C.A. | |
| ĺ | _ SIGNED_ | Helia Ille | 1 | _ | 122956 | | |
| | | | · · · · · | • | 1000 100 | | |
| <u> </u> | N89594 | ENGINE LOG ENT | RY MODEL | # O-320-D2J | SERIAL# L | 10513-39A | |
| | 5-2-07 | 10728.7 63 | 30.7 261.2 | WO# 21082 | | | |
| | DATE | TTE T | ACH SMO | Н | | | • . ~! |
| | l cert | ify this ENGINE was (| inspected in acco | rdance with 100 H | R insp. and a l | ist of discrepancies and | |
| 1 | | | a natan a-e-at US | s peen provided for | or the aircraft o | wner D.C.A. | |
| | SIGNED_ | blun fyers | CERTs | # <u>HEP510861</u> ; | 818 | | |
| 1 | MY 7 | 10 | | | | | • |
| 4 | _ | ENGINE LOG ENT | RY MODEL: | # O-320-D2J | SERIAL# L- | 10513-39A | |
| | N89594 9-10-07 | 10821.9 642 | 3.9 354.4 | WO# 21083 | | | |
| | DATE | TTE T | ACH SMO | Н | | | |
| | i ceri | lify this ENGINE was i | Inspected in acco | rdance with 100 H | R insp. and a l | ist of discrepancies and ewner D.C.A. | |
| | • | .) | | | | swie Bisiti | |
| | 8IGNED_ | 12012 More | CERT | # <u>A </u> | 22456 | | |
| | | ENGINE LOG ENTRY | MODEL# | O-320-D2.J | BERIAL# L-10 | - AOS-813 | |
| | 189594 | | | WO#20380 | | | |
| | 11-20-07 | | | 2.1 | | • | |
| <u> </u> | DATE | TTE | TACH ENGINE was in | HOM8 | m ANNIIAI Im | | |
| 1 | 7 | 11 00 m | | <u> </u> | RI ANNUAL III NG4 | op. | |
| | SIGNED | 7-1-1-1-1-0 | CERTs# | 14:13/084/81 | 18 I.A | - | |
| N8959 | ENG | SINE LOG ENTRY | MODEL # 0-320 | JOSE SESSE | | | |
| 2-18-0 | - | | WO# | 21843 | L# L-10613-39 | A | |
| DATE | • | TIE TACH | 545.5 | | | | |
| 1 10 | earlify this F | MCIME | HOM8 In accordance | dib ann am a | | | |
| |) unair | worthy items dated 2-1 | 8-08 has been pi | Ath 100 HR Insp. a rovided for the size | and a list of dis | crepancies and | |
| SIGNE | Kill | - Wheek | _ | うらいつつつ | // \ risut obstatot' [| J.C.A | |
| | 1 | 1 | _051/150_ <u>1777</u> | 2//1820 | 156 | | |
| | E | NGINE LOG ENTRY | MODEL# 04 | 320-02.1 | DIAI # 1 40774 | | |
| | 9594 | | W | O# 22454 | RIAL# L-1051: | | |
| 4-7 DA | | 11103.0 6705.0 TTE TACH | 635,5 | - | | | |
| ├ | I certify th | IS ENGINE was insoe | 8MOH cted in accordan | ca width 400 Up I | on and a fint - 4 | | |
| L | וני | nairworthy Items dated | 2-18-08 has bee | າ grovided for the | ्रमः काप्र व ११८४ ०१ सोद्रासी oberet | uiscrepancies and or. D.C.A. | • |
| RIA | NED TOL | In Meers | | 9510861818 | | | |
| - MY | | 1/1 | | 1-10001010 | | | |
| "" | | NGINE LOG ENTRY | MODEL # 0- | 398_R91 A= | BIA1 41 4824 | 9 964 | |
| NA. | 9594 | IN THE EAS SHIP | | ₹80-020 8E O# 22631 | RIAL# L-1061 | 7-75A _ | |
| | 8-08 | 11191.9 6793.9 | 724.4 | | • | | |
| DA | TE | TTE TACH | SMOH | | | - • •• | |
| L | i certify th | is ENGINE was inspendingly with the was inspendent to the was inspected | icteu in accordan 2-18-08 has ha | ce with 100 HK ins | sp. and a list of a strengt operation | or D.C.A. | |
| | | Ull-Mus | 7 | '11 _ | | ALL BANGER | |
| | NED | ollin T fyers | CERTS#// | <u> 515108618</u> | / 3 | | |
| M | Y / | 1// | | | | | |

| "O" SMOH | DATE: Nov. 4, 2006 | TOTAL TIME: | 10467.5 |
|--|--------------------------------|--------------------------------|-------------|
| MANUFACTURER: | Lycoming | TACH TIME: | |
| MODEL: | O-320-D2J | | |
| | | | |
| SERIAL NUMBER: | L10513-39A | in deal arranhaulad in aga | ordance wit |
| This engine has been disasse | embled, cleaned, inspected, re | epaired, and overhauled in acc | active bove |
| .Lycoming Direct Drive Ove | erhaul Manual #60294-9. All | applicable Airworthiness Dir | ective nave |
| been complied with during of | verhaul. | | |
| Engine assembled using the | following new (unless others | vise noted) parts. | 12.19.7 |
| Description: Overhauled Parts | Part No. | Work Order No. | Oty: |
| Crankshaft | 13B17031 | ECI # 11506-1 | 1 |
| Magnaflux Misc Internal Steel | | Rock # 10231 | 5 8 |
| Rocker Arms | 69444/74636 | Rock # 10231 ECI # 49928.1 | 1 |
| Connecting Rods | 78030 | Rock # 9300.10 | 8 |
| Hydraulic Units | 78290 | Rock # 10852 | 8 |
| Tappets | 72877 | Rock # 10832 Rock # 9182 | ĩ |
| Camshaft | 76097 | Rock # 9182 Rock #10332 | 1 |
| Gear-Crankshaft | 61155 Part No. | Lot or Serial No. | Qty: |
| Description: New Parts | AEL78027 | 121405 | 8 |
| Rod Bolts Rod Nuts | AEL12186 | ******* | 8 |
| Rod Nuts Rod Bearings | AEL69373 | 082406 | 8 |
| Main Bearing | AEL-11021 | 031406 | 4 |
| Front Main Bearing | AEL-13884 | 040406 | 2 |
| Piston Pins | AEL14077-1 | PPA0127-077-1 | 4 |
| Spark Plug | URHM-38E | | 8 |
| Vernatherm | AEL53E19600 | 122104 | 1 |
| Ball-Oil Pressure Relief | AEL1028-B | 040705 | 1 |
| Spring-Oil pressure Relief | AEL61084 | 040705 | 4 |
| Buit-Cranksnan Gear | AEL-STD-2213 | 011706 | 1 |
| Nut-Cylinder Base | AEL383B | | 16 |
| Nut-Cylinder Base | STD-2090 | | 16 |
| Gasket-Valve Cover (silicone) | AEL-75906-062S | | 4 |
| Gasket Set-Major Overhaul | SL75439-1 | | 1 |
| Screw-Rocker Box | AEL-102 | 32770 | 24 |
| Hose -Intake | AEL-69603 | | 4 |
| Hose-Oil Drainback | STD-2180 | | 4 |
| Nose Seal | LW13792P50 | 21552.1 | 3 |
| Oil Drainback Tube | AEL-68759 | 31552-1 | 1 |
| Oil Drainback Tube | AEL-68760 | 315552 | 2 |
| Oil Darinback Tube | AEL-68761 | 31552-3 ECI # 41827-10 | 4 |
| Cylinder Ass'y | TISN 4.1CA | # 41826-19 | 2.3 |
| | | # 41442-27 | |
| | | # 41783-18 | |
| India To Madagas | M4001 | 11 11 103 10 | Ī |
| Ignition Harness | | | |
| Accessories: | Part No. | Work Order/Serial No. | Oty: |
| Magneto -Slick | 4371 | S/N 05110035 (Max #1917) | 1 |
| Magneto-Slick | 4371 | S/N 05110036 (Max #1918) | 1 |
| Carburetor | 10-5009 | S/N BL2012111 | 1 |
| - 11 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 3 | | |
| 21-10-1 | 10 | | |
| SIGNED: Whichel K | ay | | |
| | 8659 | | |

| N 96172 ENGINE LOG ENTRY WO# 19216 OG 32-0C 10276.8 4/590.7 637.9 DATE TACH SMOH | |
|--|--------|
| DATE TTE TACH SMOH | |
| DATI I certify this ENGINE was inspected in accordance with a 100 HR insp. and was | |
| determined to be in Airworthy condition. | |
| SIGNEDCERT#_ 273243 9.04 | |
| Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 | |
| | |
| | |
| - 07-11-66 10375./ 4689.0 736.2 TTE TACH SMOH | |
| MODEL # SERIAL # L-10513-39A I certify this ENGINE was inspected in accordance with a 100 HR insp. and was | |
| determined to be in Airworthy condition. | |
| SIGNED CERT# 27324396 | |
| - SIGNED CERTS 27 5 JULY 21-4 | |
| Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 | |
| ENGINE MAINT, ENTRY Lycoming Model: 0-320-D2J S/N: L-10613-39A | |
| N96172 WO# 19819 - 9-18-06 10467.5 4781.4 828.6 | |
| DATE THE TACH SMOH Engine removed for bad cyclinders. I certify that this maintenance has been performed in | |
| accordance with manufactures maintenance manuals. | |
| SIGNED | |
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| SEE OVH who on OF BACK (NEXT & | (3-94) |
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| | ENGINE MAINT. ENTRY Lycoming Model: 0-320-02J 8/N# L-10513-39A | |
|---|--|---|
| | 1-14-06 9638.9 3952.8 00.0 | |
| | DATE Leading to a stiff that this maintenance has been performed in accordance | |
| = | TACH 1 - /) 1 - /] 1 | |
| | READIN SIGNED CERTS# War 3031738 | |
| | Wo# (836) | |
| | NOCATO | |
| | 01-36-06 96860 TACH SMOH | |
| - | DATE SERIAL # L-10513 - 394 | |
| - | MODEL # SERIAL # SERIAL # MODEL # And was inspected in accordance with a 100 HR insp. and was a series of the seri | |
| | CERT# 2732439AP | |
| | | |
| | SIGNED Mid-Florida Air Services. 19708 Eustis Airport Rd., Eustis, Fl. 32736 | |
| | | |
| | N96172 9785.0 4098.9 146.1 SMOH 400 HR ipen and a list of discrepancies and | |
| | DATE I certify this ENGINE was Inspected in accordance with 100 HK map and accordance with 100 HK map accordance with | |
| | SIGNED Med Made CERTS# AVP 2777022 | |
| | ENGINE LOG ENTRY WOLL 18740 | |
| | 9883.8 4/97.7 | |
| | TTE TACH SMOH | |
| | SERIAL # 1 - 10517 5 IA | |
| | I certify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. | |
| | SIGNED CERT# 27324398 | |
| | Mid-Florida Air Services, 19708 Eustle Airport Rd., Eustle, Fl. 32736 | |
| | 10001 | |
| | N 96172 ENGINE LOG ENTRY WO# 18994 - | |
| | DATE THE TACH SMOH | |
| | MODEL # SERIAL # L - 105 13 - 39 A | |
| | I certify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. | |
| | SIGNED CERT# 27304360P | |
| | | |
| | Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 N. 0(12) ENGINE LOG ENTRY WO# 19178 | |
| | N_96172 ENGINE LOG ENTRY WO# 19178 | |
| | TIE TACH SMOH | - |
| | SERIAL # 1 - 10513 - 394 | |
| | I certify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. | |
| • | SIGNED CERT# 3732484 | |
| | Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 | |
| | ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 19215 | |
| | 6-406 10177.4 4491.3 538.5 | |
| | DATE TACH \$MOH I certify this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies and unalignmently items dated 8 4 08 has been provided for the aircraft owner D.C.A. | |
| | SIGNED CERTS# AP3026UST | |

| | N96172 WOM 18291 1_14_06 9638.9 3952.8 00.0 |
|-----|---|
| | DATE TACH SMOH Installed OVH'ed ENGINE. I certify that this maintenance has been performed in accordance |
| ATE | TACH With manufactures maintenance manuals. |
| | READIN SIGNED CERTEN HAP 305 1738 |
| | 00. |
| | N 96172 ENGINE LOG ENTRY WO# 18360 |
| | 01-26-06 96869 4000.8 48.0 |
| | DATE THE TACH SMOH L-10513 - 394 |
| - | I certify this ENGINE was inspected in accordance with a 100 HR insp. and was — |
| _ | determined to be in Airworthy condition. |
| | SIGNED CERT#_2732439AP |
| | Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 |
| | initial foliations, 19100 Etistis Milholt Kari Educati, 11, 02100 |
| | ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A |
| | 2-21-06 9785.0 4098.9 146.1 |
| | DATE TACH SMOH I certify this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies and |
| | unalrworthy items dated 2.21.06 has been provided for the aircraft owner b.c.A. |
| | SIGNED Met CERTS# AIP 2777022 |
| | N 96172 ENGINE LOG ENTRY WO# 18740 |
| _ | 03-27-09 9883,8 4/97,7 244,9 |
| | DATE TTE TACH SMOH |
| | MODEL # SERIAL # L - 10513-39A I certify this ENGINE was inspected in accordance with a 100 HR insp. and was |
| | determined to be in Airworthy condition. |
| | SIGNED CERT# 2732439AP |
| - | 0.7504,47 |
| | Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 |
| | N 96172 ENGINE LOG ENTRY WO# 18994 |
| | DATE TTE TACH SMOH |
| | MODEL # SERIAL # L - 105 13 - 39 A |
| | I certify this ENGINE was inspected in accordance with a 100 HR insp. and was |
| | |
| | SIGNED CERT# 273343GPP |
| | Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 |
| | N 96172 ENGINE LOG ENTRY WO# 19178 |
| | DATE TIE TACH SMOH |
| - | DATE TTE TACH SMOH MODEL # SERIAL # L - 10513 - 394 |
| - | certify this ENGINE was inspected in accordance with a 100 HR insp. and was |
| | determined to be in Airworthy condition. |
| * | SIGNED CERT# 37324848 |
| | Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 |
| | ENGINE LOG ENTRY |
| | N96172 SERIAL # L-10613-39A |
| - | DATE TTE 4491.3 538.5 |
| | I certify this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies and signed 6.4.06 has been provided for the aircraft owner D.C.A. |
| | SIGNED And Date of the been provided for the aircraft owner D.C.A. |

FOR UPS SHIPPING ONLY

"O" SMOH DATE: Jan. 5, 2006
MANUFACTURER: Lycoming

TOTAL TIME: 9638.9

TACH TIME:

MODEL: O-320-D2J SERIAL NUMBER: L--10513-39A

This engine has been disassembled, cleaned, inspected, repaired, and overhauled in accordance with Lycoming Direct Drive Overhaul Manual #60294-9. All applicable Airworthiness Directive have been complied with during overhaul.

Engine assembled using the following new (unless otherwise noted) parts.

| - Engine assembled using the for | nowing new (unless office | i wise noted) parts. | |
|----------------------------------|---------------------------|-----------------------|--|
| Description: Overhauled Parts | Part No. | Work Order No. | Qty: |
| Crankcase (S/N L-10513-39A) | | ECI # 16613-1Q3 | ī |
| Crankshaft | LW17031 | ECI # 16612-2 | 1 |
| Magnaflux Misc Internal Steel | | Rock # 10231 | . 5 |
| Rocker Arms | 69444/74636 | Rock # 10231 | 8 |
| Connecting Rods | 78030 | ECI # 28744.1 | 4 |
| Hydraulic Units | 78290 | Rock # 9300.10 | 8 |
| - Tappets | 72877 | Rock # 9218 | 8 |
| Camshaft | 76097 | Rock # 9948 | 1 |
| Gear-Crankshaft | AEL19646P005 | #6 | 1 |
| - Description: New Parts | Part No. | Lot or Serial No. | Qty: |
| Rod Bolts | AEL78027 | 072905 | 8 |
| Rod Nuts | AEL12186 | 071305 | 8 |
| Rod Bearings | AEL69373M03 | 022505 | 8 |
| Main Bearing | AEL-11021M03 | 122704 | 4 |
| Front Main Bearing | AEL-13884M03 | 070805 | 2 |
| - Piston Pins | AEL14077-1 | PPA0123-077-1 | 4 |
| Spark Plug | URHM-38E | PPA0123-077-1 | 4 |
| - Vernatherm | | 122104 | 8 |
| Vernamenn | AEL53E19600 | 122104 | 1 |
| Ball-Oil Pressure Relief | AEL1028-B | 040705 | |
| Spring-Oil pressure Relief | AEL.61084 | 040705 | |
| | | 040701 | |
| | | | |
| Bolt-Crankshaft Gear | AEL-STD-2213 | 060205 | 4 |
| Nut-Cylinder Base | AEL383B | 000203 | 1 |
| Nut-Cylinder Base | STD-2090 | | 16 |
| Gasket-Valve Cover (silicone) | AEL-75906-062S | | 16 |
| Gasket Set-Major Overhaul | SL75439-1 | | 4 |
| Screw-Rocker Box | AEL-102 | 32770 | 1 7 |
| Hose -Intake | AEL-69603 | 101305 | 24 |
| - Retainer | AEL-71611 | 101303 | 4 |
| Hook | SL-71610 | | 5 - |
| Hose-Oil Drainback | STD-2180 | | 2 |
| Nose Seal | LW13792P50 | | 4 - |
| Oil Drainback Tube | AEL-68759 | 21552.1 | |
| Oil Drainback Tube | AEL-68760 | 31552-1 | 1 |
| Oil Darinback Tube | AEL-68761 | 315552 | 1 ~ |
| Cylinder Ass'y | TISN 4.1CA | 31552-3 | 2 |
| - Cylinder 7135 y | 115N 4.1CA | ECI # 34917-24 | 4 – |
| | | #35565-05 | |
| - | | #35439-10 | - |
| — Ignition Harness | 144000 | #34647-15 | |
| Igintion Harness | M4002 | | 1 |
| Accessories: | Don't N | | Control of the Contro |
| - Magneto -Slick | Part No. | Work Order/Serial No. | Qty: |
| Magneto-Slick | 4371 | S/N 05110035 | 1 |
| Carburetor | 4371 | S/N 05110036 | 1 |
| Sar bur ctor | 10-5217 | S/N PAM229421 | 1 |
| 11111 | | | 0.00 |
| SIGNED: Wieles The | 11.0 01/200 | | |
| | AFP 261338 | 059 | - |
| | | | |

Page___of__

| 5-12-04 | ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 14601 8385.7 1893.6 1064.9 | |
|--|--|--------------|
| DATE | TTE TACH SMOH certify this ENGINE was inspected in accordance with 100 HR insp. and was determined to be | |
| signed_ | Jung Haug CERTS# 192944643 Hp. | - |
| | ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A | - |
| N52365 5-29-04 DATE | WO# 14748 8478.4 1986.3 1157.6 TTE TACH SMOH | |
| | rtify this ENGINEwas inspected in accordance with 100 HR insp. and was determined to be in Airworthy condition. | - |
| SIGNED | 1100 Ja CERTS# 002715271 | - |
| N52365 | ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 14803 | |
| 6-19-04 DATE | 8576.7 2084.6 1255.9 TTE TACH SMOH certify this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies | 4 |
| and unair | worthy items dated 6-19-04 has been provided for the aircraft owner D.C.A. CERTS# Ap 275926 | - |
| Jason | ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # 1-10513-39A | |
| N52365 7-16-04 DATE | WO# 15037 8674.4 2182.3 1353.6 | |
| Lordin | TTE TACH SMOH fy this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies hy items dated 7-16-04 has been provided for the aircraft owner D.C.A. | |
| SIGNED | Mark Made CERTON A+122777022 | |
| 1000 | ENGINE LOG ENTRY | - |
| r C 2 3 | WO# 15149 | |
| N 5 2 3 8 17 0 DATE | 4 877402081.9 1453.2 WO# 15149 | - |
| DATE | WO# 15149 WO# 15149 HODEL# SERIAL # L ~ 105(3-39A) Tify this ENGINE was inspected in accordance with a 100 HR insp. and was | |
| - | WO# 15149 WO# 15149 TTE TACH SMOH SERIAL # L - 105(3-39 A) tify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. | |
| DATE I cert | WO# 15149 WO# 15149 HODEL# SERIAL # L ~ 105(3-39A) Tify this ENGINE was inspected in accordance with a 100 HR insp. and was | |
| SIGNED_ | WO# 15149 TTE TACH SMOH MODEL # SERIAL # L ~ 105 (3 - 39 A) tify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. CERTS#3 483489/6. Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 SINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A | |
| SIGNED_ | WO# 15149 TTE TACH SMOH SERIAL # L ~ 105 (3 - 39 A) tify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. CERTS#3 483 48 9 6 Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 SINE LOG ENTRY MODEL # 0-320-02.J SERIAL # L-10513-39A 872.5 7380-4 WO# 15396 TTE TACH SMOH | |
| SIGNED_ N52365 9-17-03 DATE SIGNED_ SIGNED_ | MODEL # SERIAL # L ~ 105 (3 - 39 A) The tify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. CERTS#3 483489/6. Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 SINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A 872.5 729.3 A 1551.7 THE TACH SMOH I certify this ENGINE was inspected DURING an ANNUAL Insp. Tachwell CERTS# AP446461546 | |
| SIGNED_ N52365 9-17-03 DATE SIGNED_ EN EN EN EN EN EN EN EN EN E | MODEL # SERIAL # L ~ 105 (3 - 39 A) THE TACH SMOH MODEL # SERIAL # L ~ 105 (3 - 39 A) Tify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. CERTS#3 483489/6- MId-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 SINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 15396 1 Certify this ENGINE was inspected DURING an ANNUAL Insp. CERTS# AP446461546 NGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 15388 | |
| SIGNED N52365 9-17-03 DATE SIGNED ENG N52365 10-8-04 DATE L certify | MODEL # TACH SMOH MODEL # SERIAL # L ~ 105 (3 - 39 A) Tify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. CERTS#3 183 183 183 189 16- Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 SINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WOW 15396 1 certify this ENGINE was inspected DURING an ANNUAL Insp. CERTS#AP 146461546 NGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WOW 15388 8971.0 2278.9 1650.2 THE TACH SMOH this ENGINE was inspected in accordance with 100 HB last and a list of discovering the secondance with 100 HB last and a list of disc | |
| SIGNED N52365 9-17-03 8 DATE SIGNED EN N52365 10-8-04 DATE L certify and unairworthy SIGNED | MODEL # SERIAL # L-105(3-39A) iffy this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. CERTS#3 483 484 466. MId-Florida Air Services. 19708 Eustis Airport Rd., Eustis, Fl. 32736 SINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A 872.5 738.5 1551.7 THE TACH SMOH 1 certify this ENGINE was inspected DURING an ANNUAL Insp. CERTS# AP446461546 NGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 15388 8971.0 2278.9 1650.2 THE TACH SMOH this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies of items dated 10-8-04 has been provided for the aircraft owner D.C.A. CERTS# AP2777022 | |
| SIGNED N52365 9-17-03 8 DATE SIGNED EN N52365 10-8-04 DATE I certify and unairworthy SIGNED | TTE TACH SMOH I Certify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. CERTS#3 483 489 46. Mid-Florida Air Services. 19708 Eustis Airport Rd., Eustis, Fl. 32736 SINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 15396 TTE TACH SMOH I certify this ENGINE was inspected DURING an ANNUAL Insp. CERTS#AP446461546 NGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 15388 8971.0 2278.9 1650.2 TTE TACH SMOH this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies of items dated 10-8-04 has been provided for the aircraft owner D.C.A. | |
| SIGNED N52365 9-17-03 DATE SIGNED EN N52365 10-8-04 DATE certify and unairworthy SIGNED N52365 10-25-04 DATE N52365 | MODEL # SERIAL # L - 105 (3 - 39 A) THE TACH SMOH MODEL # SERIAL # L - 105 (3 - 39 A) Tify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. CERTS#3 483 48 49 6 MId-Florida Air Services. 19708 Eustis Airport Rd., Eustis, Fl. 32736 SINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 15396 1 certify this ENGINE was inspected DURING an ANNUAL Insp. Tachwoll CERTS# AP446461546 NGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 15388 8971.0 2278.9 1650.2 TTE TACH SMOH this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies ritems dated 10-8-04 has been provided for the aircraft owner D.C.A. CERTS# AIP 2727022 SINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A WO# 15643 | |

| ENGINE LOG ENTRY |
|--|
| NS 2365 12-9-03 7612-5 1120.6 291-7 A DATE TACH SMOH |
| MODEL # SERIAL # L-10513-39 A I certify this ENGINE was inspected in accordance with a 100 HR insp. and was |
| signed Illu Ches CERTs#348348986 |
| SIGNED CERTS# 98 Y 010 F. Mid-Florida Air Services, 19708 Eustis Airport Rd., Eustis, Fl. 32736 |
| ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A |
| N52365 WO# 13225 12-28-03 7710.9 1219.0 390.1 |
| I certify this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies and unairworthy items dated 12-28-03 has been provided for the aircraft owner D.C.A. |
| SIGNED Canh CERTS# 2737285 |
| N 52365 7810 7 1218 41 WO# 13415 |
| DATE TTE TACHTIS SMOH MODEL # 0-320-D2J SERIAL # 2-105/3-79/4 |
| I certify this ENGINE was inspected in accordance with a 100 HR insp. and was determined to be in Airworthy condition. Aircraft is |
| approved for return to service. See work packet for details of discrepancies provided to C.A.A. |
| 0-60 0 00000 BERT 2(4730121 AP |
| |
| ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10613-39A N52365 WO# 13619 2-2-04 7900.0 1408.1 579.2 |
| DATE THE TACH SMOH |
| unalrworthy items dated 2-2-04 has been provided for the aircraft owner D.C.A. SIGNED CERTS# AP 2 7 ? 7255 |
| ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A |
| N52365 WO# 13885 3-1-04 7996.6 1504.7 675.8 |
| DATE TTE TACH SMOH I certify this ENGINEwas inspected in accordance with 100 HR insp. and was determined to be in Airworthy condition. |
| SIGNED Craon Poelsing CERTEN AD 2759266 |
| JASON |
| N52365 ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A |
| 3-17-04 8095.7 1504.7 774.9 |
| I certify this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies and unainworthy items dated 3-17-04 has been provided for the aircraft owner D.C.A. |
| SIGNED Madge CERTS# ATP 2777022 |
| N52365 ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10613-39A |
| 4-1-04 8189.6 1697.7 868.8 DATE TACH SMOU |
| I certify this ENGINEwas inspected in accordance with 100 HR insp. and was determined to be in Airworthy condition. |
| SIGNED WILLIAM CERTS# AP101487903 |
| ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A |
| N52365 WO# 14480 |
| 4-22-04 8286.8 1794.9 966.0 |
| 4-22-04 8286.8 1794.9 966.0 |

"O" SMOH DATE: Sept. 9, 2003 TOTAL TIME: 7220.8 MANUFACTURER: Lycoming TACH TIME: MODEL: O-320-D2J SERIAL NUMBER: L--10513-39A This engine has been disassembled, cleaned, inspected, repaired, and overhauled in accordance with .Lycoming Direct Drive Overhaul Manual #60294-9. All applicable Airworthiness Directive have been complied with during overhaul. Engine assembled using the following new (unless otherwise noted) parts. **Description: Overhauled Parts** Part No. Work Order No. Qty: Crankcase (S/N L-10513-39A) Divco # WDC-83651 Crankshaft LW17031 ECI # 6935-1 Magnaflux Misc Internal Steel Rock # 9218 5 Rocker Arms 69444/74636 Rock # 9218 8 Connecting Rods 78030 ECI # 15150.1 4 Hydraulic Units 78290 Rock # 9165.6 8 Description: New Parts Part No. Lot or Serial No. Qtv: Rod Bolts AEL78027 44109 Rod Nuts AEL12186 3154.0 Camshaft AEL18840 ECI # 14131 **Tappets** AEL72877 ECI # 14131 Rod Bearings SL61662 Main Bearing AEL-11021 Front Main Bearing AEL-13884 MG See LOG 2 for OV ENGINE MAINT, ENTRY Lycoming Model: O-320-D2J S/N RL-10513-39A WO# 7220,8 0.00 installed OVH ENGINE. I certify that this maintenance has been performed in accordance with TACH/HS manufactures maintenance manuals. Aircraft is approved for return to service. ENGINE LOG ENTRY O-320-D2J SERIAL # L-10613-39A N52365 WO# 12140 9-13-03 7221.2 729.3000.4 DATE SMOH certify this ENGINE was inspected DURING an ANNUAL Insp. 14 44464008 ENGINE LOG ENTRY MODEL # 0-320-D2J SERIAL # L-10513-39A N52365 WO# 12508 10-7-03 7318.9 TACH SMOH I certify this ENGINE was impected in accordance with 100 HR insp. and a list of discrepancies and agairworthy items dated 10-7-03 has been provided for the aircraft owner D.C.A. SIGNED ENGINE LOG ENTRY MODEL O-320-D2J SERIAL # L-10513-39A N52365 WO# 12649 10-31-03 7417.1 SMOH I certify this ENGINE was inspected in accordance with 100 HR insp. and a list of discrepancies and ungirworthy items dated 10-31-03 has been provided for the aircraft owner D.C.A. SIGNED CERTS# ATP 65481510 MODEL # O-320-D2J SERIAL # L-10613-39A N52365 WON 12914 11-21-03 7512.3 1020.4 291.5 DATE TACH SMOH was inspected in accordance with 100 HR insp. and a list of discrepancies and unairworthy items dated 11-21-03 has been provided for the aircraft owner D.C.A. CERTS# APIOHE1903

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| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY (SEE BACK BAGES FOR OTHER SPECIES FORTINGS) |
|-------------|---------------------------|------------------|-----------------------------|--|
| | | | JERVICE | MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
| | | | , | |
| | Mav | 30, 200 | 3 Tach | 5542.0 |
| | t 1.1 | Change | d oil with | 8 qts aeroshell W100. |
| | | | ed oil filte | |
| | | | | ted plugs. |
| | | | d battery. | |
| | | Compr | ession #1= | =70, #2=75, #3=65, #4=74 |
| | J. | Compr. | thin andi | ne has been inspected in accordance with a 100 hr inspection and |
| | 1 ce | my mai | . uns engu | ne has been inspected in accordance with a 100 hr inspection and |
| | – was | aetermi | nea to be | airworthy. Elgin Lee A&P427862491 |
| | | | | |
| | l , | ı | 1 | |
| | 41.00 | | | |
| | negu | 20 SI | ,200 | 3 Tach 5673.4 |
| | 18 | nein | w M | moved For geterhende |
| | ! ! | / 4 | 26 | 1 de la companya del companya de la companya del companya de la co |
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| DATE | | | | |
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| 200 (19_ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
| 5-1 | 393.4 | | 28876 | In 100 hour conspection luke |
| | | | SMOH | engine Controls, 6 Sash engine down |
| | | | L 100 H | Chy oil & Filts Compression all above 20/80. Ran up no |
| | | | | all alione 20/80. Ran up no |
| _ | | | | leads return to Service. |
| | | | | |
| | | | | DATE 5 HOBBS TACH 393 TOTAL TIME 2887.6 |
| | | | | "I partify that this ATECHAS /ENGINE has been inspectate |
| | | | | in accordance with an ANNUAL/169 Hr. Inspection and wes |
| | | | | determined to be in airworthy condition." |
| | | | | SIGNATURE (Conny 8) |
| | | | | CERTIFICATE NUMBER |
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| 2002 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|----------------|---------------------------|------------------|-----------------------------|---|
| 6-14 | 404.1 | | 7015.3 | THIS ENGINE REMOVED FROM CESSNA 172-PIL |
| | | | | SIN 172-74429 N52186 THIS DATE WITH |
| _ | | | | A TOTAL TIME OF 7615.3 AND 2898.3 SMOH. |
| - | | | | Thomas Officerloid |
| 2003 MAR 28 | 5447.0 | ee Ace | | C/w 100 Hour This pet/in label Engine & |
| | | | | Controls charged oil + Filter Compression 76 to 37 |
| - | | | | Ran up No Leeks Returned to Service. |
| - | | | | David RThr. Ft ATP # 2673967 DI RTG |
| | | | | |
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| DATE 19 27 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|----------------------|---------------------------|--|-----------------------------|---|
| 19=/_(| TIME | rtigni | SERVICE | MECHANIC OR REPAIR PACIEIT. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
| 9-15 | 240.2 | | | A 100 hr. inspection Completed on this |
| | | | | Engine this date. Cleaned Engine |
| · | | | | and Engine Comparament. Cheaned and |
| | | | | regaped spark Plus - Ck Compression - |
| | | | | #1 70/80 # 276/80 # 376/80 # 4 79/80 - Changed 01) |
| | | | | and oil filter - Time since last moho/sonual 122 hr. |
| | | | | I certify that this elegrafit/engine has been inspected in |
| | | | | accordance with an Annual/100 hour inspection and was |
| | | | | determined to be in an airwerthy condition. Don Swords |
| ` | | | | A&P 256603895 I.A. Lon Suis-S |
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| OF ES.) | 19_95 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|-------|---------------------------|------------------|--|---|
| 1/5 | 2-20 | 352.3 | | 2846,5 | 100 HR inspection du on this date |
| , | | | | Smoth | Changed oil and filter, cleaned and |
| | | | | · | gapped spork plugs. Performed a |
| | | | | | compression check: #1 (73) #2 (75) |
| | | · | | | #3 (75) #4 (78) |
| 22 hr. | | | | | inspected all hoses, cables, safty wire, filters, |
| | | | | | and the eng. For leaks. Checked all AD's |
| | | | | | I certify that this engine has been |
| | | | | | inspected in accordance with an 100 HR |
| | | <u> </u> | | | inspection and was determined to be |
| | | <u> </u> | <u> </u> | <u> </u> | in an airworthy condition. |
| | | | | | James D. Harris |
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| 4-16 45.2 2539.6 100 hr. Inspection Completed this date Smoth Cleaned & regard Plugs. Checked Companion at 1 % #2 10 #2 17 to Changed o. (I certify that this absentivengine has been inspected in accordance with an Arment 100 hour inspection and was determined to be in an an worthy condition. Don Swords A&P 256603895 I.A. Language of Cleaned & regard Spack Plugs. Change of Editor. I certify that this aircress; engahas been inspected in Socordance with an Arment Language of Cleaned & regard Spack Plugs. Change of Editor. I certify that this aircress; engahas been inspected in Socordance with an Arment Cleaned of regard of the control | 19 <u>97</u> | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIR? AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | DATE 1997 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--|--------------|---------------------------|------------------|-----------------------------|--|--------------|---------------------------|------------------|-----------------------------|---|
| Certify that this aircraft/engine has been inspected in secondance with an Arm 100 hour inspection and was determined to be in an air worthy condition. Don Swords Cleaned regard 3 perk plus Cleaned regard 3 perk plus Cleaned Cleaned regard 3 perk plus Cleaned | <u>4-16</u> | 45,2 | | | The property of the property o | 7-1 | 118.5 | | | This Engine inspected in accordance with |
| determined to be in an an worthy condition. Don Swords Clean engine Progress Prog | | | | | certify that this about lenging has been increased to | | | | | |
| accordance-with an Annual and inspection and was determined to be in an an way try condition. Don Swords | | | | | determined to be in an automorphism and was | | | | | Clean desgine Rung land Ch. |
| ASP 256803895.PA: Am Sub- | | | | | | | l' | | े रहा की | determined to be in an an weathy condition. Don Swords |
| | | | | | | | | | | ALP 25680389511A: Am . 2005 |
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| DATE 1996 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | 19 <u>97</u> | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-----------|---------------------------|------------------|-----------------------------|--|--------------|---------------------------|------------------|-----------------------------|---|
| 12-04 | 2555.2 | | 2328.1 | t approved | \$77 | 2655.7 | | 2428.6 | C/w 100 hour Inspection, Cleaned And |
| | | | | and Capped Spack plugs, loplace | | | | Smot | Capped Ploss, Repd Value Covers. |
| | | | | Mulles Jum Generouse Welling | | | | | Chi Oil and Filter |
| - | | | | 11 NA | _ | | | | ing. De with some |
| - | | | | Team AD Remo Cera Plat SL18/095 | _ | | | | DATE 2/194 HOBES TACH 2655 TOTAL TIME 2428.6 |
| 0000 | Sec. D. | 1 1-34 | | 2 ICMOIT | | | | T | "I certify that this AIRCRAFT ENGINE has been inspected |
| | · · · | | | E 24 PL HOBBS TACH 255 TOTAL TIME 2328 FE | _ | | | | determined to be in all yorthy condition." |
| - | | | | TOTAL TIPOCINE has been insueries | | | - | | SIGNATURE Clanny a Cut |
| | - | | un a | certify that this Alias and the certification and certification and the certification and the certification and th | | | 1 | | CERTIFICATE NUMBER 1904037 34835 IP |
| | | | | NATURE Ganny a Cert | _ | | × | | Enr. |
| | | | | RTIFICATE NUMBER BY 403 70 403 70 405 | _ | | | | |
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| DATE 96 19_ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-------------------|---------------------------|------------------|-----------------------------|---|
| d, | 2358.4 | | | Clas Annual inspection. Compressions All 78/80 |
| | | | | OR better. Cleaned, gapped, rotated SPARK |
| | | | 11 | plugs. Change oil filter and oil. Replace |
| | | | | Air filter. A.D. 93-18-03 P/c/W See entry |
| | | 1(4) | | 5-9-93. Ron engine Leak checked. |
| | | | | 7-1-1 |
| | | | | ATE HOBBS TACH 2858 TOTAL TIME 2130. 95 most |
| | | | , U | |
| | | | GD. | accordance with a Annual Communication and was |
| | | 1. (1) | | termined to be in any usuay conducts." |
| | | | S | GNATURE STANDARD OF COL |
| | | | O | ERTIFICATE NUMBER PP40372 4839 JA |
| | | | | Marie Land |
| | | | 1000 | |
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| <i>346</i> 4.3 | 2237.2 | Clas 100kg (nonetion, Cho, oil, tu |
|----------------|--------|--|
| | | Two words conspication, signal, or |
| | SMOH | performed Compression test, louis |
| | | Cyl. Was 78/50 Replat, Can Fille |
| | | Clean and Capped Pligs. |
| | | DATE OF HOBBS TACH 24 H OVAL TIME 2237. 2 |
| | | "I certify that this AIRCRAFT/EUGINE has been inspected |
| | | In accordance with an ANNUAL (100 Hr. Inspection and was |
| | | determined to be in airworthy condition." |
| | | SIGNATURE Janny (1 Car) |
| | | CERTIFICATE NUMBER |
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| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------------|---------------------------|------------------|-----------------------------|---|
| 11/08 | 2090,2 | | | 73/80 DR Deller, Change oil + Felder, Replace |
| | | | | Clw 93-18-03 by inspection. Wish engine |
| | | | | down & leak checked, |
| | | | D | ATE HOBBS TACHZOGO TOTAL TIME 1863. 7 SMOH |
| | | | WY | accordance with a 100 Hz Inspection and was |
| | | | Si | GNATURE GOVERNO O. CAL |
| | | | Ci | RTIFICATE NUMBER V HP403724839 |
| | | | | i. |
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| DATE 19-96 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---------------|---------------------------|------------------|-----------------------------|--|
| 2-8 | 2189.6 | | 1960.1 | |
| | | | | Date 2-8 1960.1 Habe/Tach 2189.4 |
| | | | | Learning that this ENG has been inspected |
| _ | | | | in accordance with a Low LIR_ inspection and |
| | | | | Signed Signed Second Signed Second Se |
| 1.5 | | | | Date 75-9e T/T 2015. 4 Hotels/Tach 2284, 9 |
| - | 2284,9 | | 2055.4 | |
| _ | | | | in accordance with a |
| _ | | | | found to be in an airworthy condition. Signed 90 19. Vendor AT Pleasant |
| | | | | Signed 40 to the second |
| \ | | | | |
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| DATE 1995 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | DATE 1995 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|--|--------------|---------------------------|------------------|-----------------------|---|
| 424 | 1891.7 | | | Clw 100 hr. Compression sel 75/80 or helder. Change oil of Filler. Cleaned, gapped, | 9/7 | 1989.0 | | | Change oil & Fille. Replaced spark plugs. |
| | | | | Wash engine down, RAK ip+ lepkiduch | | | | | early de replace discharge tale and floot any |
| | | | | ATE THORES TACH MAL TOTAL TIME 1664. 2 | | | | | Rustabled and leak checked. |
| | | | | "I certify that this AMERICAL TOO Hr. Inspection and was etermined to be in airworthy condition." | | | | iD. | TACH 1989. FOTAL TIME 1761.55 MOH |
| | | · | | GNATUREA. Cnf ERTIFICATE NUMBERA. P. 403724839 | | | | de | accordance with an ACCOMMENT COMMENT AND HELD INSPECTION AND WAS STREET |
| | | | * | | _ | | | ŞI | GNATURE LAND A. AY |
| | | | 1 200 11 | and the second processing specific spec | | - | | | RTIFICATE NUMBER APUNS 724839 |
| | | | | | _ | | | | |
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| 1995 ! | TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | DATE 19_95 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---------|-------|------------------|---------------------------------|---|----------------|---------------------------|------------------|-----------------------------|---|
| 3/17 10 | 724.6 | | | Ban engine. Compressive test all 75/80 07. Letter. Change oil and filter. Replaced with 2 gts desishell. Changed an filter. Cleans | <u>5/i</u> | 1792.0 | | | all 78/80. Change oil and filter. Serviced with 1945 airoshell. Replace |
| | | | 3/1/9 | down , ran up and leak checked, | | | | | plugs. Wask engine down and crox up. Leak chick, Return to Service |
| | | Ş ₂ | "I certi accord: etermine | The ce in Arrival Arrival and was a control of the | | | | | "I certify that this AIPCONTINE Pas been inspected in accordance with an ANNUAR Hr. Inspection and was determined to be in air wormy condition." |
| | | | | TE NUMBER | | | | | SIGNATURE |
| | | | | | | | | | |

| 1994 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------|---------------------------|------------------|-----------------------------|---|
| 1944 | | | | Or better. Change will And filter. Replace Air filter. Cleaned, gapped, rotated Spark plugs. Replace earns in both mags. Cleaned, and timed to engine. DATE THE HOBBS TACHISTOTAL TIME STATE TOTAL TIME STATE SIGNATURE (James J. Cot) SIGNATURE (James J. Cot) SIGNATURE (James J. Cot) |
| | | | | CERTIFICATE NUMBER V AP 403724839 |

| 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------|---------------------------|------------------|-----------------------------|---|
| 1/22 | 1625.0 | | | 9/10 100 hr on engine. Change oil en l fulter |
| - | | | | Compressions all 15/80 or better. Cleaned |
| | | | | air letter. Wash engine down and cran |
| | | | | up. Return to Service. |
| _ | | | | _/ i |
| | | | 8 | DATE ANGUHOBBS TACH 1635 GOTAL TIME AND THE |
| | | | a Druger | "I certify that this AIF NEINE has been increased |
| | | | (| etermined to be in airy urany condition." |
| | 12.1 | | - 5 | IGNATURE Garage W. Cal |
| | | - | | ERTIFICATE NUMBER U AP40372 4839 |
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|--------------|---------------------------|------------------|-----------------------------|---|--------|---------------------------|------------------|-----------------------------|--|
| 19 24 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | DATE 1 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER O MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES |
| 6-3- | /332.j | ' | 1104.5 | C/w 100 hr. INSPECTION This Date | 910 | 1429.1 | | | Clas 100 hron engine, Change sil |
| | | | SMOH. | The following Items WERE Repair | - | - | | | And filter. Cleaned, gapped, rotated |
| | | | | or Service: Che sil Rople co filter | - | ļ | | | Spark plugs, Replaced Air Felter, Wash |
| | | | | Sparks. found No Leaks at This | | - | | | engine down and can up. Leak checked, |
| - | | | | Sparks. found No Leaks at This | | - | | | |
| | | | | TIME KETURN AIRCIAFT BACK TO | | - | | | |
| | | | | Service This Date. | | ļ | | 1 | ATE 194 HOBBS TACH 149/TOTAL TIME 1201.6 |
| | | | | .0 | | - | | | TACH JERNITOTAL TIME 1201.6 |
| | | | | Danny a. Col | | | | | "I certify that this ARCRAFT(ENGINE has been inspected accordance with an ARMUPEYTOO Hr. Inspection and was |
| | | | | AP403124834IA | | <u> </u> | | d | etermined to be in airworthy condition?" Inspection and was |
| | | | | | _ | | | S | GNATURE Canan GCH |
| | | | | | | | | C | ERTIFICATE NUMBER / 1990372436 |
| | | | | | _ | | | | |
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| DATE 1993 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|---|
| 2-27 | 1198.0 | Smoth | 970,5 | and filer. Compressions All 20/80 or beller. |
| | | | | Spark plugs. Wash engine down and LEAK checked. |
| | | | | DATE 12/27 9 HOBBS TACH 1198 DTCTAL TIME 970, 5 5 most |
| | | | | "I certify that this ATTERAT (ENGINE) as been inspected in accordance with an ATTERAT (EO HK) as been inspected determined to be in a state of the control |
| | | | | CERTIFICATE NUMBER APPENDISCO |
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| 1994 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------|---------------------------|------------------|-----------------------------|---|
| 4-1 | 1235.0 | 3 | | Clw Annual inspection. Removed engine due to |
| | 4 | | | Firewall damage. See Airframe logbook. |
| -39% | | | | Replaced engine, Rigged controls, Compression |
| | | | | All Topes or better. Cleaned, gapped, rotated |
| 9 | | | | Spark plugs. Changed Air felter. Replaced |
| | 1 2 3 | | Wister. | Scat hose, Change oil and filter, Wash |
| | | | . 19.5 | engine down, ran up and leak checked. |
| | | | | Return to Service: |
| | 8-5 | 14 | 5. | |
| _ | Par P | 39 | ARY | DATE 194HOBBS TACH 1235, OTOTAL TIME 1007. 5 SM |
| _ | | | | "I certify that this AIRCRAF (ENGINE) has been inspected |
| | | | | n accordance with an ANNILA FIGHTHE Inspection and was |
| | | | | determined to be in airworthy condition." |
| | | | | SIGNATURE farmy a. Cry April 20103724839TA |
| | | | | CERTIFICATE NUMBER U HP40372 9859134 |
| | | | | |
| | | | | |

| DATE 1923 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|---|
| | | SI | noH | TACHON TACHONSTICTAL T78.20 SMOH |
| 30 | 1005.7 | 778 | 20 | 1 - 2 |
| | | | | in accordance with an ANNUALIOU Hr the and was |
| | | | | determined to be in airworthy condition. |
| | | | | SIGNATURE Channy a Cit |
| | 11 | | | CERTIFICATE NUMBER APYOS 124139 TH |
| | | | | 1-13/02 |
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| 19 <u>93</u> | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---------------|---------------------------|------------------|-----------------------------|---|
| 1-9 | 1096.0 | | | 960 100 hr. inspection: Ran engine- |
| | | | | Compressions All 75/80 or better. Change oil |
| | | | | And tiller Replaced with 8 gts, Acroshed |
| | | | | SOW. Replaced Air filter all new |
| - | | | | Almase spark plugs. Washed engine |
| \rightarrow | | | | ETOWN - NAME OF THE SERVE CHAT WAS |
| | | | | WA |
| | | | | DATE 49/93HOBBS TACH 1096. GOTAL TIME |
| | | | | "I certify that this ATTO ATTENGINE has been inspected in accordance with an AUC AL (100 H). Inspection and was |
| \rightarrow | | | | determined to be in airworthy condition." |
| \rightarrow | | | | SIGNATURE CAROLINA A. C. |
| + | - | | | VENTIFICATE NUMBER AF TUDIATOS! |
| \uparrow | - | | | |
| 1 | | | | |

| DATE 1993 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|---|
| 6/20 | 683.0 | | | Oil Change This DATE - 8 gts of |
| | | | | Aerostell 100AD 50 wt 0.1- |
| 2.5 | 726.8 | > | //CC > C | MoH Serry trus ENG the poet inspected in accordance |
| 7-2 | 1218.1 | | 799,32 | with a 100 MM Inst and found to be in an airworth; |
| | | | | Condition at this time. All applicable A.D.'s listed in |
| | | | | Sin Turben No APACZZZZZZ |
| | | | | CHANGED OIL JOW DETERGIANT CHANGED OIL FILTER |
| | | | | CLEANED & CHECKED SPARK PLUGS |
| | | | | DATE HOBBS TACH TOTAL TIME |
| | 1 | | | "I certify that this AIECTAT IENGINE has been inspected |
| | | | | stermir to in airy 15 to 1990." |
| | | | | 4 GNATI |
| | | | | CERTIFICATE AND |

| PATE 993 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-------------|---------------------------|------------------|-----------------------------|---|
| | | rtioni | JERVICE | DATE 7/1/1/3HOBBS TACH 22/1 TOTAL TIME 599.50 |
| _ | | | | DATE/## NOBBO has been inspected |
| | | JT 10. | | "I certify that this AIRCRAFT/ENGINE has been inspected and was |
| | | | | in accordance with an ANNUAL/100 Hr. Inspection and the |
| | | | | to he in airworthy condition. |
| | | | | 1 Pagent a. We |
| | | | | GRATURE SOME SOME SOME SOME SOME SOME SOME SOM |
| | | | | PRIFICATE NUMBER |
| _ | | | | Clud 100 hr. Compressions All 76/80 or better. Change oil & Filter. Cleaned, |
| 2 | 926.0 | | | all looks Compressions All 1980 or |
| | 19010 | | | The sold Silker Cleaned |
| _ | | | | hy Her. Change of Free 2 1 sil fills |
| | | | | sond sotated alugs. Replace of the |
| | | | | gappia, I way I |
| _ | | | | better. Change oil & Filter. Created, gapped, rotated plugs. Replace oil filter Ran upa leak chid. |
| | | | | |
| | | | | TE 2/93 HOBBS TACH 926.0TOTAL TIME to 98.5 5 MOH |
| _ | | | DA | TE 2793 HOBBS TACH 140-110 |
| _ | | | | I certify that this AIRCRAFIVENGINE has been Inspected |
| | | | | with an Ataball Too In Michael |
| _ | | 1 | do | ermined to be in airworthy condition." |
| _ | | | ue | 10 and Gi Wi |
| | | | SIC | NATURE Honny a. Lox |
| | | | 05 | RTIFICATE NUMBER 47 403 1248.39 |
| _ | | | CE | TIFICALL HOME |
| | | | | |
| - | 4 | | | ار حاسم مخالف الس |

| DATE 1993 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|---|
| 5-9 | 531.0 | | 531.0 | Uw 100 hr inspectioni. Changed oil ≠ |
| | | | | filter. Cleaned, gapped, notated |
| | | | | Spark plugs. Replace air Selter. |
| | | | | Replaced venturis with one perces |
| | | | | Venturi S.B. MSA-2, Stamped "V" |
| | | | | per service bulleten. butall carb and |
| | | | | tran up and leak checled. all |
| | | | | Compressions 75780 or above. |
| | | | | |
| | | | | 5/- |
| | | | | DATE 19/93HOBBS TACH 531. GTOTAL TIME 303,5 S MOH |
| | | | | "I certify that this AIRCRAFT ENGINE has been inspected |
| | | | | n accordance with an ANNOALQOO E) inspection and was determined to be in airworthy consider. |
| | | | | SIGNATURE Dann a. Cal |
| | | | | CERTIFICATE NUMBER AP4037214839 |
| | | | | |
| | | | | |
| | | | | |

| DATE 19_93 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES) |
|---------------|---------------------------|------------------|-----------------------------|--|
| 5-25 | 580,0 | | | Changed oil and felter, Serviced |
| | | | | with 1 gts acroshell. Ran up and lead |
| | | | | Checked. |
| | | | | January W. C.J. |
| | | | к. | |
| 6/2 | 10 | 0 = 1 | 21 | POLOSOSSIONS ALL 76/8 |
| 1 | 633.3 | | | Ow 100 hr. Compressions All 76/80 or better. Change oil and filter. |
| | | | | Cleaned, gapped, rotated Spark plu Wash engine down and FAN up. Leak |
| | | | | Cleaned, gaplace, down and FAN up. Leak |
| - | | | | Checked. |
| | | 1 | | Checker. |
| _ | | | D | TACH (35.3TOTAL TIME 405 . 80 To certify that this AHOMASTICNSINE has been inspected To certify that this ANNIHALIAGO P). Inspection and was |
| | | | | 1 certify that this ARCRAFT (NOIN) has been inspected accordance with an ANNUAL (100 H). Inspection and was accordance with a piguorthy condition." |
| _ | | | d | etermined to be in airworthy condition." |
| _ | | | S | IGNATURE GASING ALL DAILOS 224839 |
| \ | | | С | ERTIFICATE NUMBER |

| DATE 1993 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|---|
| 2/15 | 277,0 | | | Charged oil and letters no metal |
| | | | | detected. Row con a leap, cleched. |
| | | | | Kacks a. lox |
| | | | | AP252, 157608 |
| , , , | | | | |
| 13/93 | 328.0 | | | Yw 100 hr. KADERGINE ip. Compression |
| | | | | test- 1-80/80 2- 80/80 3- 80/80 |
| | | | | 4. 89/80 . Changed oil and filter. No |
| | | | | metal detected. Sorviced with 8 of |
| | _ | | | Acroshell Sow. Cleaned, gapped, rotate |
| | | | | Spark plugs, Changed Air filher. Wash |
| | | | | engine down, TAR up - leak checkede. |
| | | | 14 | 100 5/5mmH) |
| - | | | | Drite |
| | - | | | In accordance with |
| | | | | determined to be in ainworthy Condition . |
| | | | | SIGNATURE Yaxxy J. Cof |
| | | | | CERTIFICATE NUMBER AP403724839 |

| 19 <u>9</u> 3 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---------------|---------------------------|------------------|-----------------------------|--|
| 4, | 378.00 | | | Change oil and fetter. Servered with |
| | | | | 89ts aroshell 50 W. Wash engine asux |
| | | | | and leak check filter. |
| | | | | Garry a. Cy |
| | | | | AP 403724839 |
| 11/ | 17 7 | | | |
| 4/17 | 430.0 | | | Change all of filter, Compression test |
| | ,0010 | | | 1) 78 (a) 79 (3) 78 (1) 29, Claned, |
| | | | | accept, votated sport plugs, Change |
| | | | | District Serviced battery. Wash |
| | | | | en sine down. |
| | | | - | The state of the s |
| | | | . 9 | DATE THE HOBBS TACH 430.0 TOTAL TIME 202,5 |
| | | | | "If certify that this AND ENGINE has been inspected accordance with an AND AND IN Inspection and was accordance with an airworthy condition." |
| _ | | | 1 | determined to be in airworthy condition." |
| | | | | 1 Varia a |
| _ | | | 1. 8 | CERTIFICATE NUMBER 11403724839 |
| | | | .2 (| SEKIII IOATS |

| 19 <u>93</u> | HECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | ţ | DATE 19_93 | RECORDING TACH TIME | TODAYS FLIGHT | 1 5 |
|--------------|---------------------------|------------------|-----------------------------|---|---|---------------|---------------------------|------------------|-----|
| 1-10 | 227.5 | | 4119.0 | Removed engine for major overhaul. Sent | | 1-10 | 227,5 | | 4 |
| | <u>S</u> | moH : | 0,00 | to Graham Aircraft Engine Services Inc. | | | | | |
| | | | | The Crankcase was sent to Divco, Inc. | | | | | |
| | | | | for certification w.o. # 40959. The | | | | | |
| | | | | Crankshaft was inspected and modified by | | | | | Γ |
| | | | | Graham W.O# 1555. The camshaft was | | | | | Γ |
| | | | | certified by Aircraft Specialties Services, Ix | | | | | |
| | | | | Under WID, # 56647, The Crankshaft MAIN | • | | | | |
| | | | | And rod journals are standard. New | | | | | |
| | | | | Cylinders were purchashed from Ausco, | Ĭ | | | | T |
| | | | | Inc. from Lycoming. | | | | | T |
| | | | | Reassembled engine According to Lycoming | | | | | T |
| | | | | Overhaul Manual Specifications and torques | | | | | T |
| | | | | Using the following new parts & ball, spring, | | | | | T |
| | | | | gaskets, Crankcase bearings, body tappets, | : | | | | |
| | | | | rod bolts and nuts, tach shaft assy, | l | | | | T |
| | <u> </u> | | | LOH PUMP KIT, DILLOGO ASSOCIATION FORTER | | | | | T |
| | | | | Shafts, buttons, oil geturn hoses, complete | | | | | T |

| DATE 19 <u>9</u> 3 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-----------------------|---------------------------|------------------|--|---|
| 1-10 | 227,5 | | 4117.0 | gasket set, See W.O 21 VICTOR INC |
| | | | | # 1495. Engine installed using new |
| | | | | hoses tires leeve, SCAT hoses, |
| | | | | LA WALLS KHIN 40 E. MAGNETOCS 13/1 |
| | | | | 1210 4210 490; 72100970; MATRICES |
| | | | | D allos storand primed, And painted, |
| | | | | Parastalled And SAttled . Haved |
| | | | | In I'M SOW MINERAL DIL, DIL & AIT |
| | | | | Filer (new). See yellow tags Attached |
| | | | | Engine test run on ground for of |
| | | | | Lak checked, OK for test + light. |
| | | | | Test flows for 05 and uncowled to |
| | | | | check condition: No leaks detected and |
| | | | | Las contures Dir. Return to sere |
| | | | | To that this engine 1145 Been |
| | | | | A PARTICIPATION AND ANNUAL |
| | | <u> </u> | | inspection and is in Airworthy Condition |
| | | | - | Guera |
| | | | | A19403234839IA |

| 19 <u>92</u> | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|---|
| 11-9 | 153,9 | | | Replaced VACUUM pump with new 211CC SIN OGAHOO3501. RAN engine up And |
| | | | | leak checked. Lange leak Apylo3724839 |
| 12/1 | 192.8 | | 2080.9 | |
| | | | | 1) 18. Cleaned, gapped, rotated spark |
| | | | | plugs. Replaced 3 intake hoses and gaskets. Changed oil and fether. Replaced Air Fether. Lubid controls. Wash engine |
| | | | | down, range, leak checked. Return to |
| | | | | |
| | | | | |

| 19 <u>9</u> 2 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRI |
|---------------|---------------------------|------------------|-----------------------------|--|
| 12-1 | 192.8 | | 2080.9 | DATE 12/1/92 HOBBS TACH 1928 TOTAL TIME 2080.9 |
| | | | | "I certify that this AIRCRAFT/ENGINE has been inspected |
| | | | | n accordance with an ANAHAI (100 Hr) Inspection and was |
| | | | | determined to be in airworthy condition." |
| | | | | SIGNATURE (Parray O. Un) |
| | | | | CERTIFICATE NUMBER AP40372 4839 |
| | 172 | | | |
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| 1992 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------|---------------------------|------------------|-----------------------------|---|
| 8/4 | 3885.0 | | 1883.6 | 9w 100 pr inspection. Ran engine up. |
| | | | | Compressions All 72/80 or Above. Cleaned, |
| | | 43 | | pattery. Replace exhaust stud #1 cylindics |
| | | | 1 | And exhaust gaskets #1 e #3 cylinder. |
| | | V SS | | Change oil and filter. Wash engine down |
| | | | | Ran up, Leak ckad. |
| | | | | 8/11/2 |
| | | | L | ATE 14/92HOBBS TACH 3885 TOTAL TIME 1883.6 |
| | | | ir | Coldiy that this Alberta Caraca |
| | | | d | accordance with an As OO Hr inspection and was |
| | | | S | GNATURE Condition." |
| | | 1-17 | 0 | ERTIFICATE NUMBER AP463 724839 |
| 2 10 | | | 191-15 | 171405 124839 |
| 9-18 | 45.0 | | 1933.10 | Change oil & felher, Serviced with 8 gts |
| | - 4.1 | | | Aeroshell. Clean as I I with 8 915 |
| | | 1 4 - | | Aeroshell. Clean, gap, rotate spork plug. |
| | | | | AP403724839 |

| DATE 1992 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|---|
| 9/13 | 93.1 | | 1981, 90 | |
| | | | | Serviced with 8 gts Arenshell And CH48111 |
| | | | | Filter, Cleaned gapped, rotated spark plugs |
| | | | | Replaced 1 spark plug. Compression tests: |
| | | | | Or 73 Q- 74 3 18 9- 75 |
| | | | | Replaced exhaust gaskets #2, #4 cylinders |
| | | | | Realise DEDD Sept . Wash engine down, |
| | | | | can up. Leak checked, Return to Service |
| | | | | Claring a. Col |
| | | | | 1 AP40372483 |
| | | | | |
| | | | | 10/ i |
| | | | | DATE 1/3 HOBBS TACH 93. TOTAL TIME 1981, 2 |
| _ | | | | "I certify that this Alexandre (ENGINE) has been inspected in accordance with a second (100 pr. Inspection and was |
| _ | | | | determined to be in airporthy condition." |
| | | | | SIGNATURE Claring la Cox |
| | | | | CERTIFICATE NUMBER |
| | | | | CERTIFICATE NOME 12.0 |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------------|---------------------------|------------------|-----------------------------|---|
| 5-16-91 | | | | Remove Stanking oil cooler play 8 4065. Installed |
| Ach | 3700.3 | | | merhanded att cooler of 84663/852 6250 S/W |
| 40665 | 3325.1 | | | E91-1269-2. Washed ergine couling & evegine. |
| | | | | Gardian m la ba land I Feath this |
| | | | | somewhat is airently Restruct Leiting |
| | | | | 1 134060365 |
| | | 1 | | 9 // |
| | | | | |
| 6-7-91 | | | Warn | ed up eraino, desinol ail removed of |
| | 3728.1 | | mspai | to all ail litter by fall Ox ral ties a |
| Hobbs | 3359 | - | new | CHYRILL and Polt Degrand Comic with 7 |
| - | | | As a | Enabel wosas & +1 both co 16702. |
| _ | | | Cha | med gapped, rotated 100 mittall sports |
| - | | | plung | . Washed emine grand son as Contas found |
| _ | | | 1 con | ify this some lost not more to There |
| _ | | | 50. | in impection dis in a six antil confliction |
| - | | | | - R. Jack |
| | | 11- | 9 -1 | ASP 43 1060 36 |

| 19 9 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-------------|---------------------------|------------------|--|--|
| 12-10 | | | - | VAC 3785.1 HRS. ANNUAL INSPECTION |
| | Cons | RESS10 | al . | 46BB5 3424.0 HRS. |
| | CHECK | | The second secon | 5MOH 1783.6 HRS. (TOTAL 3785./ HBS.) |
| | Cyl - | 1_ | 74 | CHEUED MAGNETO'S, FOR TIME, REMOVED + |
| 3 . 3 | / | 2 - | 78 | SERVICED DARK PLUS SERVICED DAMERY, ("HECKED |
| £ ~ | | 3 - | 74 | All (GNIRds FER (GNDITION + SECURITY, (HERE) |
| _ | | 4- | 78 | EXHAUST SISTEM & DARBURATOR FOR CONTINU |
| _ | | ' | | USECURITY, STARTER SISTEM (CHECKED) |
| _ | | | | |
| _ | | | | DETENSENT SOWT. OIL. REPLACED AIR FILTER |
| _ | | | 144 | SPONGE. SPRAYED ENGINE WITH LYCK. |
| _ | | | | GRAY PAWI WHERE NEEDED. SPINIFO |
| _ | | | | ENGINE WITH ACF SO, FIREWALL & ALL ELECTRICAL CHEANED & SPRAYED WITH ACF SO. |
| | | | | (MEANED & SPILLED TO THIS DATE. |
| _ | | | | TOFT THAT THIS ENGINE HAS BEEN TOFTERED |
| _ | | | | I CENTREY THAT THIS ENGLISH AND WAS DETERMINED |
| _ | | | 1 | WHW AV (WASHING TO 1) |
| _ | | | 7 | BE IN AN AMERICA (ENDITION. |
| | | | | The state of the s |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | | 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-------------|---------------------------|------------------|--|---|-----|---------------|---------------------------|------------------|-----------------------------|---|
| 2-18-91 | | | | Warmed up ensure, dramed oil, removed of uspected | | 3-19- | 91 | | . ^ | |
| TACH | 3580.1 | | | all ail filte. Compression as follows: #1 78/80 #5 78/80 | | HOBBS | \$ 2 3 2 . 3 | | Perton | d 50 hour inspection. Dramed engine ail, comound and |
| Hobbs | 3/78.5 | | | #3 7/80 Hy 7/80. Sormed engine with 7915 Caroshall | | TACH | 3625.0 | | inspecte | I ail filter. Sourced engine will 7 quarts of SHE SO Arasshell |
| ESmo H | 1578.6 | | | WIOSAF 50 & 1 Botile LW 16700 matalled + soften | | _ | \$ 63.0 | <u> </u> | | and I en bottle of LW 16702. Installed a now CH 48111 al |
| 1011 | 13 18.6 | - | | a new CH48111 ail filter. Replaced all spark plugs | | _ | | | | filter. cleaned, gapped and tooked all speak plays. Repaired |
| · · | · · · · · | - | 1 | with new Rom 405 plage. Installed a new confunction air | | | | | | terminal and on ignition lead to # 2 bottom plug. I certify that |
| | <u> </u> | | | box p/w 0552/64-4 with a new BA 6108 air filter. | | | | | • | this engine has been inspected in accordance with the Eager; |
| | | 1 | | butillation drugging done DAW the GADRA Derince manual, | | | | | | aviation Congoration 50 how checklist, and has been found |
| | <u> </u> | | | Classel hel Digner + replaced or rings in Trans assembly. | | 4.12 | | | | to be aumorbly. Philip N. Diehls AP JOT 02184 |
| | | | | Chechel may noto timing. Clechel muffle should | • | 4.17- Harr | 91 | | 1 0 | |
| | | 1 | | muffly assembly for condition + socurity, Was had engine | • | 10082 | 3292.1 | | Lea forme | mispected oil filter. Staviced engine with 7 quarts of 542 50 |
| | <u> </u> | | | and in no bake. C/w A.D. 7607-073Rily | . ` | Tack | 3673.6 | | | Accorded and installed a new CH 48111 oil filter. Engine |
| | | | | | _ | HOM | 1672.1 | | | treeshell and motallies a now surprise sapped, total |
| | | | | | ` | | | | | cylinder compressions were 75, 76, 74, 77. Cleaned, gapped, rested |
| | + | | <u> </u> | use important the Cassia cool important in in armostly | ` | | 1 | | | all spark plays. Discussionbled and inspected both magnetos; with the |
| | | + | | coulting the thing the | _ | [| \rightarrow | | | now contact points and set E. gap in both mags. Installed now |
| | | - | - | ASP 4346 60365 | _ | _ 1 | | | | 1 11 achetes. She falled a 22 |
| | | + | - | | _ | _ | $\rightarrow \downarrow$ | T | | Let 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | | | | | _ | _ \ | | | | |
| | | | | | | 1 | | | | Service mand and has been found to be aimonthy Philep w. Dichols |
| | | | | | | | | | ' | Jervice Minne - / |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------------|---------------------------|------------------|-----------------------------|---|
| * | | | | DATE 12-7-90 TOTAL TIME 1479 1 SMOH |
| | | 1.79 | | I CHART THIS ENGINE HAS THE |
| 28 | | 4 | | IN ACCORDANCE WITH AN ANDREW COMMITTON |
| | | 19 | nT. | IN ACCORDANCE WITH - AN PROPERTY CONDITION |
| | | | | AND DETETERMINED TO BE IN AIRWORTHY CONDITION |
| 4 | | ADS | C/7.E | AND DETERMINED TO SEE WADE IN 1538103 L. E. WADE IN 1538103 L. D. WADE IN 1538103 |
| -1 | | +HR | 0 91 | -22 Luce 1A1538103 |
| | | | | |
| | 4 | | . = 7 | |
| | | | 7- | |
| | | | | |
| | | - | | |
| | | | - 4 | W |
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| | | | | |
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| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-----------------|---------------------------|------------------|-----------------------------|--|
| 1-2-91 TA 11 | 2 | | | Warmed up engen of drained of temprel |
| Lely's | 3526.6 | | | Inspected and are putes. Anisted |
| _ | 7.141 | | | serviced engine with 7 ats/ peroshell |
| | | | | W100 SRE 50 and I Bottle of |
| | | | | in 16702 och admine, mentalled |
| _ | | | | spark plugs, Washed longere |
| _ | | | | from backs fround sun no locks |
| | | | | found & certified clessing. |
| | | | | 50 HR checklist and is in airworth |
| _ | | | | condition. |
| | | | | AN 43060265 |
| | | | | THE STATE OF THE S |
| _ | | | | |
| - | | | | |

The state of the s

| DATE 1990 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-----------------|---------------------------|------------------|-----------------------------|---|
| | 3386 | .2 | | Letter That This Pare West has |
| HOBBS | 2947. -338 | 7 | | Doen Thespected and Serviced THEN |
| | 4138 | 4.7 | | and Service Manul Instructions and |
| Lorg. S | -New 3 | 385, | 7 | anwarth condition. |
| | | | | Joseph (10)-100 AB 4343/609/ |
| 11-5-90 TACH | 3439.5 | | | Warned up orgine & grained oil. Removed |
| 1666s | | | | with 7gts acrosled wing 5AESO +1 louis |
| | | | āl | felta. Cleaned, gapped, notated, I re initalled |
| | | | , | park plus marked angine ground son |
| | | | | in assertly condition. Refer out more |
| | | | | J SP434060265 |

| TE RECORI | H TOI | DAYS GHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES) |
|-----------|-------|-------------|-----------------------------|--|
| 20 | | | | 1 - 1 - 1 - 1 Thomas & inspected o |
| 3480 | / | | | Warmed up engine & diamed oil. I something to 14/80 #2 14/8 |
| | | | | al filta. Compression as factorial a new CH 48 |
| | 8 | | | 180 sty 180 metalled & software of months wise. |
| 4 1479. | 1 | | | al little Sormal engine mit 19/5 Harvalal Wills. |
| +_ | | | | +1 land cw16702. Clark general, whated, |
| | | | | - 1000 la la Con la Decens de Strame |
| | _ | - | | 10-motallal Spark plungs. Har Re-attachel SCAT Duct |
| | + | | | Installed new BA6108 A: (Fitter. Re-attention botter re |
| 1 | | | | from miller Alexand to color . 16 - want + Rosand |
| +- | | | | In I house bottom box to evene mount in |
| - | | | | 1000 c/u AIR 18 76-07-12 RI May 18 |
| | | - | | CAP on #1 top sparse from your from, no leaks |
| | - | | | igartion Autel. Waster and marked the a Goran 100 |
| | _ | | | could this pourseport to |
| | | | | In nypotion sis in annoting consumer ASP 43406 0265 |
| 2 | | | | |
| 2 | | | | |
| 3480.0 | | - | | 11000 |
| 3480.0 | - | | | 20001. At P 434060265 |

| DATE | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---------|---------------------------|------------------|-----------------------------|---|
| 8/8/90 | | | | Warned up engine of chained ail, Removed or supported all |
| TACH | 387.8 | | | ail filty. Servicel argine wint 79ts described wine stars |
| Hobbs | 2827.4 | | | 21 Llv 16702. histoiled or softed new CHYSV7 fills. |
| Esmet. | 2827.4 | | | Composition as Callows #1 79/80 #2 79/8 #3 73/80 |
| ESMOH | 1286.3 | | | the 13/80. Classed appeal ratabel, of re-notabled rough sings |
| | | | | totalled new induction air felter. Classed had soreone |
| | | | | Washed angine grand ron no leads hand I court the |
| | | | | powerplant was inspected the a Carra 100 li juniochia |
| | | 141 | | and is in amost condition Richard Leuteman |
| | | 1-1 | | ASP 434060265 |
| 9/12/90 | | | | |
| THAI | 3337.7 | | | Warmed up name & drawn al al. Romand & marchel |
| Hobbs | 28890 | | | ald ail filter levin levine with rate gorodeld |
| | | | | wino stes 11 lande in 16200. Institled & soften |
| - | | | | = new (H48111 and felton, Cleaned gomes notated, I re. |
| | | | | installed gent plays, wasted engine, ground non no leady |
| | | | | found . I centily this posseplent was insected the a 50 |
| | | - | | In importion sis in accorde coulting. Richard Levelmon |
| | | | | AAP 434060265 |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---------|---------------------------|------------------|-----------------------------|---|
| 10/15 | 190 | | (| Performed 100 He inspection Itw CESTIA |
| HOLL | 3386.2 | | | 172 100 Hz Chicklest. Lancegengino |
| THOSE | 7947.7 | | | drained oil impected oil feller, serviced |
| 2000 | 3356.7 | | | Incine w/ 7015 Aposhell WIOD SACSO |
| name | H 138 | 4.7 | | In the bir where |
| 5 | 77 339 | 5.7 | | Dil adatione. Compressione #3 18/80 #4 76/80 |
| 1 | | | / | Jallow - #1 76/80, #2 6980, #3 1980 + 1 780 |
| | | | / | Cleaned, Gapter, Glog installed new sel felter |
| _ | | | / | Carlos plus falled new an induction |
| _ | | 1 | | 1 1 1 1 10 ment P/H BA 6108. Vermeel full |
| \ | | V | | dance stagined, and flushe carly full lave |
| _ | | | | 1) asked encine ground son - 11 the |
| _ | | 1 | | Sound Muffle was inspected with 3/4 175 4001- |
| | / | | | If how her cracked apeaced the sourceplant |
| 7 | | | | 15 R 5/4 WCC-0-0-3441 St Checklot God |
| 7 | | | | 1000 inspecties tow general continues > |
| | | | 1 | is na anworthy Madais. |

| ATE | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------|---------------------------|------------------|-----------------------------|---|
| 190 | | | Warmela | pergue + disinfail. Sewed engine with 7915 broshell |
| cH | 305.6 | | mineral | al s (love LW16702. Kennel & inportal and fuller, |
| 665 | 2644.7 | | Installe | I new CHUSIII fla & reftend, dans, grapped, |
| | | | notates | I re- nstalled brook ships. Wash I engine, growth now |
| | | | no los | his formal. Joseph This paragraph of the |
| _ | | | la mipas | fin and was found to be in duranty contrary Loudger |
| _ | | | | BAP 4340 60265 |
| | | | | 749. |
| 7/90 | 7 | | Warmel | up angré of driend oil. Removed of insported oil felta. |
| KH | 3186:4 | | Source | angue with 7 gk Spershell will SHE 50 & 1 buttle |
| bbs | 27050 | | LW 16 | 702. Compression is as fallows #1 72/80 #2 70/80 #3 70/8 |
| SMOH | 1184. | 7 | #9 7 | go. Cleared, gapped, retated & re-installal spork plage. Install |
| | | | new, m | distrois on fulta, Washed engine, grand non, vo lever |
| | | 1 | fond | Certify the famouplant has impeted |
| - | + | | 7 Bu | a tessar 10 his impection & is in amondy cordinary |
| | | | + | Dop 414060365 |

| | | | | AND ALTERATIONS |
|---------|-------------------|--------|------------------|--|
| - | RECORDING TACH | TODAYS | TOTAL TIME IN | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
| 19 | TIME | FLIGHT | SERVICE | MECHANIC OR REPAIR FACILITY. (SEE SACTION) |
| 7/11/90 | | | | Upon inspecting engine for all leads from the mile |
| TACH | 3218.9 | | | higher tale on #4 glody crocked tooking |
| Adhs | 27455 | | | Det - 0 Hy colubs pushed has infut for some |
| | 97933 | | | D O O Do V with I new eighted oil sed way |
| | | | | The sund phy 73414, new |
| | | | | pIN 7/481, made pushed pp 14/5 62922 1 |
| | | | | pushed take for |
| | | | | 70310 pushed thate seeds 17611. all |
| _ | | | | hordrose Nuts 5+01410 + gostos ergie arabel |
| _ | | | | work doe the typeour distriction among contin |
| - | | | | ground. I certilize this possepted as the had deadmin |
| 7 | | | | Ap 42406025 |
| 433/9 | | | | O all oil filts |
| TACH | 3237 | | | 21 mal Dereine deanel oil, trement of 2 miles vios |
| Hobb | \$ 2768.5 | 1 | 1 | O sortel Sourced organe with 1915 total of |
| _ | 13.0 | | | pra mande in 16702. Clared, gopped, really |
| 1 | | | - | CAE SO & ME CHEST PROPERTY OF THE STATE OF T |
| | | | - | re-installed spart forgundran no bolls found of condition |
| | \ | | 14 | Defteil Washed ergine grand to be importion on in among core |
| | | | | this engine has inspected there control feelong today today |

| DATE 19 <u>70</u> | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|----------------------|---------------------------|------------------|-----------------------------|---|
| 4-26 | -90 | | | Drowed Engine ail Changed ail filter |
| TAC | h 308 | 3.3 | | with new CHY8/1/ FITER and Soldied. Added |
| Hons | 253 | 2.4 | | 7 gt Aerosholl woo Sout and and I BOTTE |
| Ann | al Du | | 30 | of Lycoming (W16702 ail golding Changed |
| ELT | Ove 2 | 191 | / | Sport Pleas with Now Champ on REM 40E |
| ATT | | P. 9 | 791 | Pluas in all Cycinders. Ground Rear -up Good |
| ENG-S | ChOH I | 04/. | y , | Ma oil leads tound I centry That |
| | | 41 | | This Howerplant Has been The petted |
| | MI |) | | and source IAWA FAC SO AM |
| 1 | 1 | | | medicist and Service Many Trismet, |
| / | | | | and was toing to sein Hinnerthy Condition |
| | | | | 100 10 Hol 9393/604/ |
| | | | | 7 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| 2007 THE R | | | | |
|---------------|---------------------------|------------------|-----------------------------|---|
| DATE 19_¶0 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
| 5/21/ | 30 | TEIGHT | SERVICE | Performal a 100 hompester Try a Come work Some moul Jungester |
| TACH | 3084.8 | | | helblist. Warmer up agine solvened oil. Sewal engine |
| Hobbs | 25826 | | | ind 8 gt Austral wico spe so 2 1 battle CW 16702. |
| ESMOH | 10833 | | | Removed importal orlfilter hatillal new CH48111 felts |
| | | | | treftice Clared, grand, rotated, the notable speak |
| | | | | sligs. Istalled sem indiction on felter, Compression is |
| | | L | | |
| _ | | | | all A.Os Suhal Alm 90-04-06. I center this |
| | | | | someplost in importal tour 4 100 les impertion oper leus |
| _ | | | | Soul to be in amoult continue Rection Levelons |
| 1 | | | | A1P434060765 |
| 6-5. | | | | Installed Repaired cylinder assembly A/N CA-1+058 |
| Too | 2632.1 | | | in #3 position. Installation was done according to |
| - FICH | 3125.2 | | | the hycoming direct drive recip engine overhoul manual. |
| | | | | Cylinder was repaired at FAA repair station 212-55 under work order number 10310 and released for sepaire |
| _ | | | | 6-4-90. Phillip W. Nichols AP 451021842 - |
| | | | | 6-4-90. Phillip W. 2000 |
| | | I | 1 | |

| DATE | RECORDING | 705 1115 | TOTAL | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS | DATE | RECORDING | | | |
|----------|--------------|------------------|--------------------|--|---------|--------------|------------------|-----------------------------|---|
| 1989 | TACH TIME | TODAYS FLIGHT | TIME IN SERVICE | MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | 1990 | TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
| 12/28/8 | a (2) | | | I certify that this Engine was insp. IAUD, | 3/15/90 | | | DRAI | NED OIL AND REFILLED WITH TOTS AEROSHELL |
| - | | * 1 | | Cessna 100 hour Chealist and service manual | TACH | 2980.0 | , | WIOO | AND I BOTTLE LW16702 . REMOVED, INSPECIED, |
| | | | f • | and was found to be in an air worthy | HOBBS | 2458.0 | | ANIND | EPLACED OIL FILTER CHABIII. CLEANED OIL SUMP |
| - | | | | condition at this time Chietyer a total | SMOH | 979.1 | | STOR | U. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. |
| - | | | | AHP 436230522 | A/CT.T. | | | CLEAN | ED FUEL STRAINER BOWL AND REPLACED O-RINGS. |
| 01-08-90 | 2892,3 | | 28923 | I certify that this maine been have | ANNUAL | 12/90 | | Comp | RESSION TEST AS FOLLOWS: # 169/80 #27/80 |
| ELT | 2-91 | | SCO PORIO | the san All the same strains and the same strains and the same strains and the same strains are same strains are same strains are same strains and the same strains are same strains are same strains and the same strains are same strains are same strains and the same strains are same stra | ELT | 2/91 | | #3 70/ | 100 # 4 76/80 CHECHED MAG. TO ENGINE TIMING. |
| 111 | 2350,4 | | | Bungelled in accordance with a 100/ | | | | Don | A NUMBET GASKETS DUE TO LEAKAGE. |
| | 7 | | | to 10 | _ | | | REDIA | O CARB HEAT SHROUD A A.D. 07-20-CE |
| | | | 1 | to be in airwarthy sondition. | | | | NIA | TAISTOLIATION OF DIRFILTER, A.D. S CHERED |
| 2/12/90 | | | | Performed So V + 1 Total Minaly Souther | _ | | | THRU | to 12-02 - Continu the authoritingine |
| | 2937.6 | | | Warmel wa com in the EAC Solly inspection checkers. | _ | | | has. | is accordance with |
| | 2406.0 | | | Service angua with 7915 Aeroshall will SAES & 1 betalo | _ | | | 0 | 1000 0 and albutational acceptance |
| ESMUH | 936.1 | | | (w 16702, Installed new CH48111 al filta Cleaned | | | | deter | · O O O · CINICATING CONSCIONA |
| - | - | 4 | - 9 | appel ratated to motel I have by a life of a consider | | | | 0.000 | holed In mores Ap 435212739 |
| | - 1 | | , 0 | Therefren good in losts land to the sail of said | | | | | 3 . |
| | | | 4) | was imported they a Ehrpspeckin order aimouth at this | | | | | |
| | | | | time. Richard Lither ASP434660365 | _ | | | | |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------------|---------------------------|------------------|-----------------------------|---|
| 11/1/89 | 11-1 | | | Reformat 100 Rouse A: +1. P |
| TACH | 3784.9 | | | May of Da O O O O |
| 140665 | 2223,8 | | | and Pot 1 + 100 9 M. CO 15 miles one exceptions |
| Smoth | 762.1 | | | and the second of the second seconds. |
| | | | | of LW 16702; Plan O was SAE So one I lottle |
| | | | | 1 1 C C C C C C C C C C C C C C C C C C |
| | | | | # 3 73/00 +11 756 00 80 - +: |
| 120 | | | | 12000 0 1 1 1 1 1 00 0 1 80 1 |
| | | | | ground and wo and and angine Performed |
| | | | | enous was viscosts of This a land of certific this |
| | | | | 0+ 1 - 1 mspection and |
| | | | | to be amount of this time |
| | | | | Richard Keethman |
| 1/21/89 | | | | Performed 50 11 - 1 |
| ich | 2829.6 | | 1 100 | Performed 50 Hour service Check Using EAC |
| obbs | 2276.6 | | | Checklist Drained oil and Refilled with |
| Hom | 828.1 | 3/1=// | | 17 Qts Aeroshell w100 SAE 50 + 1 BOHHE OF |
| | | | 180 m | LIW-1602 Additive Removed Insp. and replaced |
| | | | - | Oil Filter CA4811. Cleaned Gappel and > Page |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------------|---------------------------|------------------|-----------------------------|---|
| 11/21/8 | 7 | | | Rotated Spark Plus S. I coptify that this |
| Tach | 2829.6 | | | power plant is in airworthy Condition |
| Hobbs | 2276.6 | | | Quatro a Hotras A+P 436230522-END- |
| | 117 | | | Church of - 11.18 |
| 128/89 | | | | Performed 100 Hour Inspection IALLO Cessna |
| Tach | 2887.6 | | | Ino have checklist and service manual. |
| Hobbs | 2344.4 | | | Doginal Engine of + Removed and inspected |
| MOH | 8861 | 1 - 1 | | oil filter. Installed new CH48111 filter |
| Commo | 000 4414 | ^ | | and softied added 7 ats of acrossel |
| # | 68/80 | | | (12100 SAE 50, C/W A.D. 80-04-03 R2 |
| #2 | 11/200 | | | to adding one bottle of LW16702 addition |
| #3 | 69/80 | | | 1 ait added one bottleof LW 16702 |
| #4 | 73/80 | | 7 | additive. Cleaned, gapped potated + |
| * | | | | · I II soork plugs. Checked Mad |
| | | | | i Palinduction all tilles. |
| 1 | | | - | washed Engine Replaced #2 Cyl. Exaulst |
| _ | | | | 1) le Pector med ground la |
| - | | | | leaks found Continued Next Page |
| | | | | 11EUD |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-------------|---------------------------|------------------|-----------------------------|---|
| 4-2. | 3-89 | Z | reh s | 1653.5 home |
| | | 51 | MDH C | 52 hours |
| | R& R | , == | if Cy | Linder due to don Compression |
| | Instal | 1 N | eni S | frame Cylinder Stand Asse |
| | Ref G | bark | _ | FY TAG 4878 Resented Salves |
| | Tustar | 1/ 1 | len ? | ings, Carkets & Seals Ground Bur |
| | Engen | 2 0 | K X | Return to Service |
| - | £ 79 | 80· | | Mall Sad |
| * | 79 | 50 | | AAR 314 CN900 Z |
| # | 3 78/ | 10 | | 7000 |
| £ | A 70% | D | | |
| | 10 | | | |
| 1/5/8 | 9 | | Remo | nd voltage regulator and 'installed |
| TACH | 2671 | .4 | news | $\Lambda = \Lambda =$ |
| 40BB | 5 2088 | | XXXX. | me ran circraft and lood tooled |
| 5МОН | | | shale | |
| <u> </u> | 1 | | radi | O O O O O |
| | | | - Tuo | and cook chor okay, all work performed |
| | . | | in on | fordance with Chana service romal. |
| | | | | 410435212139 |
| | | | | |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|---|
| 9/12/89 | | | | Police Original Artist |
| TACH | 2682.0 | | | service mornel. Drawn ail some () |
| Hobbs | 2101.2 | | | Installar new CH (811) & safetiel. allal 7045 |
| <u>Smoth</u> | 680.5 | | | Acroshell wico SAES and I latte LW16702. Ocano |
| | | | | |
| | | | | Parls 41-68-42-70 #3.68 #4.76. Phys. Compression |
| - | | | | magnete timing. Realized industring air P. Oto Co. |
| - | | | | with new BA 6108. Run MA good De la late |
| | | | | Scortify the songine up mostly I All to D |
| - | | | | De Come seice mond and is in an aust |
| | | | | condition at their time |
| | | | | Redail Loulan |
| Inter- | / | | | A+P 434060265 |
| Tari | 184 | | | |
| FUL | 2728 | | | VERFORMED 50HR. SERVICE CHECK USINC |
| , , , | MOH 72 | | EAC | HERKIST. DRAINED OIL + REFILLED W/ 7 8TZ |
| TODE | 5 2155 | 4 | AEROS | HELL WIDO & 1 BOTTLE LW16702. REMOVED |
| | | | LUSP. | P REPLACED OIL FILTER CH48111 CLEDNES |
| | | G | APORD | * ROTHIED SPARK PLUGS. (Rolet IThores AND |

| DATE RECORDING TOTAL DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS | |
|--|---|
| TACH TODAYS TIME IN ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | DATE RECORDING TACH TIME TIME TIME TODAYS FLIGHT TOTAL TOTAL DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
| 6-23-89 TAN 2523.2 HORRS 1914.4 Eng SNOH 521.6 | TIME FLIGHT SERVICE MECHANIC OR REPAIR FACILITY. (SEE BACK FASES TON ONLY) |
| Drained Angine Oit, Installed New Oil FIZTER CHY8111, Added | 7-19-89 TACK 2576.9 Qil. Change, FilTER Changes Acherked |
| 79ts Aerostellu 00 Sout ail and Lev 16702 ail additive. | Camp CK #1-74, #2-72, #3-10,#4-60 |
| Child South on and Lewis 102 and addition. | O March Spack Olyas, Checker 1241. |
| Checked Spark Plugs, Battery, Brake Linings, Brake Pluid Times, | Adj. VAC, I COATIFY That this engine |
| Extension Lights and General Condition of Aincrest. Grand | Add. VAC, W COATIFY THAT CO |
| Ryning Good, No aid leaks DeTected, I conting That This | has been inspected in Accordance |
| thropatt has been Inspected and Serviced In Accordance with | |
| a EAC 50h Checklist and Service Manuel and has Been | |
| | condition. B.A. Hill A. Adp1484161 |
| | Condition, Billing |
| Jaseph & West on ANC 434316041 - | |
| | 14CH 200 PERFORMED 50 HR. INSPECTION USING E.A.C. |
| | |
| | |
| | ACT 26290 LEDTE 1616702 INSTALLED NEW CH48111 OIL |
| | I BUTTLE ATT TOHEN |
| | FILTER CLEANED, GAPPED, AND ROTATED SPARK PLUGS. GROUND RUN-UP GOOD NO LEAKS FOUND. (Lower of Delay of Dela |
| | DUVE GROWN RUN-UP GOOD NO LOTAS |
| | PLUGS. GROUND RUN-UP GOOD. 1) ores |
| | ALP 435212739 |
| | |

| RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---------------------------|---|--|---|
| 15,1989 | | Her | formed 50hr service check using |
| 2303.1 | EA | CC | ecklist. Drained oil and refilled |
| 1605.5 | u | th? | Coto Aeroshell W100 SAE 50 and / hotel |
| | 20 | 01670 | 2 (Keplaced sil filter with new CH48/1/ |
| | CC | laned | gapped, and retated spark plugs. |
| | y | roune | I hun-up good - No leaks found |
| | | | Gober J. Mores |
| | | | A4P435212739 |
| | | | |
| -89 TA | ck. 2 | \$58.9 | ail charge, Filter charged comp.ck. |
| | | | #1-76#2-12#3-74#4-70 |
| | | | cleaned & PainTel around BAT. Box. |
| | | 1 | Cleaned + Gaped Plugs. |
| | | A STATE OF THE STA | 3-24-89 TACH 2358. 2 HRS |
| - 1 | | 6 | SERTIFY THAT THIS INGIN HAS BEEN |
| - | | | ESPECTION AND WAS DETERMINED TO BE IN |
| | | | (LRWORTHY CONDITION. BA.) FROM ADP1484167 |
| | | | 1/1 |
| | TACH TIME 15,1989 2303,1 1605,5 | TACH TODAYS FLIGHT 15,1989 2303,1 EA 1605,5 W | TACH TODAYS TIME IN SERVICE 15,1989 FLIGHT 2303,1 EAC Ch 1605,5 with 7 LW1670 Claned |

| 1 | | | | |
|------------|---------------------------|------------------|-----------------------------|---|
| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
| 4-18-2 | 19 | (Te | rforme | 250hr. Service check using EAC |
| ACH | 2405.8 | cher | Klist | Drained oil and refilled duth |
| OBBS | 1772.8 | with | Tat | Aeroshell W100 SAE 50 and / hottle |
| _ | | LWI | 6702. | Cheplaced oil filter CH48111 auch 1600. |
| _ | | Cile | med, | passed and rotated spark period |
| _ | | de | loune | Frun-up good - no least Dares |
| | | | | A4P 435012739 |
| _ | | | | Har 433813.37 |
| 5/10 | - | | | il will 8 quoets AS 50 W |
| THE | 89 | oil | & Rote | changed . Engine secreted with a games |
| Hack | 2457.6 | # 1 | bolle, L | 1016702. Installed new CH 48111 person. I ceptify that |
| - ARRA | 1835.7 | ch | ecle: # | 1,72 #2, 70 #3, 70 #4, 62: with a 100 her |
| | / | the | e ename | has been inspected in accordance your partly condition. |
| | — | in | Spection | and was satismined to be in all higher AP \$57 02 18/2 |
| | — | | | Phillip in |
| | 1 | | | |
| _ | 1 | | | |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------------|---------------------------|------------------|-----------------------------|---|
| 1-25 | 1/8/ | TA | ch d | 156.7hours SMOH 155.2 hours |
| - | leston | m/ | DO hou | re Inspection of Engine - DRAIN al |
| | Chara | ed | Filter | Serviced with Tots 50 wit Acass 1 W |
| | Perton | n Co. | | ion Clerk sk, Check Mag Timing ok |
| | Instal | / Ne | W CR | ankshaft Seal Assa, Jast Reface Rh |
| _ | Many | 7 - | of Be | estall with new Caskets, Cheaned & |
| | Carpo e | 21 | Tugo | Croude Then kinging of & Return to |
| | JeRU | ice | _ | |
| DI | NESTENTIAL COMPRESS | ON | 1.09 | Tily this knywe Instituted is |
| | 02-0758 | 72 | 27.35 | Anna important |
| #1 | 72 #5 | | | Min Istua ze on una nego fishe |
| #3 | 70 +1 | | 1,111 | 11-25-88 |
| | | | 950 | Tach Time 500 H 155.2 |
| | | | | Ma to Was |
| | | | | Jack E. Clark A-2-P 364549803 |
| | | | | JA. |
| | | | | |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------------|---------------------------|------------------|-----------------------------|--|
| 197 | EC. 19 | 28 | | PERFORMED 50 HOUR SERVICE CHECK USING |
| IAC | 14 da | 16.3 | EAC | CHECKEST. CHANGED ON AND FILTER CLEANED |
| HOB. | / | 13.8 | GAPP | D AND ROTATED SPARKATOGS. GROUND RUNGOOD. (KOLSTEN DELS |
| CNE | T.T. | 214.7 | | 700000 |
| | | | | A4P 435212737 |
| 13.7 | DN. B9 | | | d A 100hour inspection OF Engine Drained |
| 7 | 70.07 | Pe | | |
| TAch 2 | 253,4 | Dil. | · . , | - Unill + MARCTED DAD FIRTHER |
| F. Cosas 1 | 588,9 | 1607 | | A CONTRACTOR OF THE CONTRACTOR |
| ENSTT. | 251,8 | SPAI | 1 01. | is a could MASITIMING + KESETTE |
| 1 | / | FUCL | Finger. | CARR BOWL CHEEK |
| | / | #17 | 5/80 # | 2 73/80 #3 70/80 #4 10/80 College's Found. |
| 1 | | ENSIN | | is Engine has Been inspected IAW A 100 hour inspection |
| 1 | | T.Ce | 71576 | |
| 1 | 1 | As pe | + Time | Davil Q. Colum A+ P 439885633 |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------------|---------------------------|------------------|-----------------------------|---|
| 9-8 | 2-88 | 1 3 | Tach | 2020.4 hours |
| | | 5 | MOH | 18.9 hours |
| Pos | FORM | 25 | Louz | Inspection of knowne as per the |
| 511 | owine | Ife, | ns (| Change of & Filter gerviced with |
| 74 | Aero | skell | 100 | worl Perform Compression Mack |
| R | Tizon | nD, | Bun K | univer of & Return to Service |
| | ·- · | | | Charle Clark |
| 1 - | BIFFERENTIAL COMP. | 2518W | | 04183111549412 |
| #1 | 76 11 | 77 | | 71/120121180 |
| # 2 | 74 00 | | | |
| | 01 | | | |
| 湖江 | 16 144 | | # | |
| 0-6 | -88 7 | rck | 2047.2 | PERFORM 100 lm. D. S. Change oil dFilter |
| | | 1 | comp. | OK #1-70, #2-70 #3-71, #4-71 clean. |
| | | | SP Plugs | 0 0-11 |
| | | | ATE 10- | 6-88 TACH 2047.2 HRS |
| | 7 | | A CATTER STATE OF THE | IFY THAT THIS engine has been |
| | | | INSPEC | TED IN ACCORDANCE WITH A LOG WIT |
| | - | - | | FON AND WAS DETERMINED TO BE IN |
| | A | | AIRWOR | THY CONDITION. B. A. Helly |
| | | | | 178814841674 |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------------|---------------------------|------------------|-----------------------------|---|
| 27 | OCT. 10 | 88 | | PERFORMED 50 HOUR SERVICE CHECK USING EAC |
| TAC | H 209 | 4.3 | | CHECKLIST. DRAINED OIL AND REFILLED WITH |
| SMO |)H 92 | 8 | 4 | 7 ats AEROSHELL WIDD AUD BOTTLE LW16702 |
| - | | | | REPLACED OIL FILTER WITH NEW P/N CH48111. |
| | | | | CLEANED, GAPPED, AND ROTATED SPARK |
| | | | | PLUGS. GROUND RUN-UPGOOD-NO LEAKS |
| | | | | FOUND. END CREATE |
| | | | | Toleth 7 bro |
| | | | | A4P 435a18539 |
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| <u></u> | | | | 3.5 |
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| TE | RECORDING TACH | TODAYS | TOTAL TIME IN | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF | | | | | | | |
|----|--|--------|------------------|---|-------------------------|--|--|--|--|--|---------|
| | TIME | FLIGHT | SERVICE | MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) | | | | | | | |
| | | | | | | | | | | | |
| - | CLARK AIRCRAFT, Inc. P. O. BOX 327 BAY MINETTE, ALA. 36507 | | | | | | | | | | |
| | MAINTENANCE RELEASE The aircraft engine identified below was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. | | | | | | | | | | |
| | | | | | | | | | | | |
| | Pertinent details of the repair are on file at this agency. CERT. No. RS 702-125 | | | | | | | | | | |
| | Model 0-320-D21 Serial No. 2-10513-399 | | | | | | | | | | |
| | CLARK AIRCRAFT, Inc. P.O. BOX 327 BAY MINETTE, ALA. 36507 MAINTENANCE RELEASE The aircraft engine identified below was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency. CERT. No. R\$ 702-125 Work Order No. Date: Model Serial No. Serial No. Signed: Total Accumulated Time Signed: Overhauled and test run as prescribed by further run-in of the installation is required. All factory bulletins complied with at time of overhaul. All applicable airworthiness directives complied with. | | | | | | | | | | |
| | | | | | | | | | | | The mai |
| | overhaul. All applicable airworthiness directives complied with at time of | | | | | | | | | | |
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|------|---------------------------|------------------|-----------------------------|---|
| 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
| 8- | 24-5 | 8 | TACK | 2001.5 hours Hobbs 1297.6 hour |
| 2 | | | 5mo | 4 00.0 |
| Ben | roved | & Pie | instal | led Engine For Major Overhaul |
| Ret | C/A L | 10 Z | ¥552 | For Details, Installed New hord Man |
| CARL | Hen | + Case | le, i | ERviced with Eight Quarts Acroshell |
| 100 | ر المام | Deter | gent | el Check Kingene Toming ok |
| | Forem (| | 25100 | Check of Knywe Ground ok & Return |
| 10 | Jezune | 2 | | · · |
| 1 | BIFFERENTIAL C | | | certify this |
| # | 76 | . 72 | | popurdance with a |
| | 72 | ¢ l | | found to be in airworthy condition. |
| 1 | .72 | #1 | | Data_824-82_Total Time |
| | | | - | WO - COM |
| | | | (| Jack E. Clark |
| _ | | | | & P 364549803 |
| | | | | T T |
| _ | | | | |

| | ENGINE RECORD - GENERAL INFORMATION | ON |
|------------------------------------|-------------------------------------|----------------|
| MANUFACTURER Lycom | MODEL 0. | -320 - D2J |
| SERIAL L-10533- | 39 A TYP | PE CERTIFICATE |
| THIS ENGINE IS CURRENTLY INSTALLED | IN AIRCRAFT C-172 NS | 2186 |
| | | |
| MINIMUM OCTANE FUEL | OIL GRADE SUMMER | WINTER |
| MAGNETO TIME | POINT SETTING | |
| SPARK PLUG GAP | FOINT SETTING | |
| MFG. RECOMMENDED OVERHALL | | |

