

| 5 | Engin | e Time | Recorder | 1.1 |
|---------------------------|-----------------------|-------------|----------|---|
| Date | This Date | Since Major | Reading | Maintenance |
| 5-28-2021 | Brought Forward -> | 0437.2 | 3034.7 | ENGINE ANNUAL INSPECT. |
| | | | | DEQUED OIL & REFILLED W/1267 |
| | | | | OF AEROSHEIL WIDD PLUS & INSTAILED NEW CHUBILD-1 |
| | | | | OIL FITTER, COMPRESSIONS |
| | | | | 1-72; 2-70, 3-72; 4-70; 5-72; 6-70, INSPECTED FUEL STRAINTER-6 AD's Checked Through |
| | | | | 2021-12. |
| | | | | LCERTIFY THATTHIS ENGINE HASBEEN INSPECTED |
| | | | | FAW ANNUAL INSPECTION AND WAS FOUND TO BE IN A |
| | | | | AIRWORTHY CONDITION. |
| | | | | JOR Kurikov |
| Total To Carry Forward | | | | A#P3681824 BA |

| Solano Aircraft Maintenance LLC 3433 Airport Drive #5 Torrance, CA 90505 O 310-378-2233 solanoaircraft@yahoo.com N5316P 8/29/2024 Tach: 3054.4 TSMOH: 447.9 Engine O 540 A105 / A 1093 4 | Signature | Certificate No. |
|--|-----------|-----------------|
| Engine: O-540-A1C5 s/n L-8093-4 Completed 100hr/Annual inspection IAW Lycoming & Piper MMs, CL and FAR 43 Appendix D. Compression Check:1)74/80, 2) 79/80, 3) 79/80, 4) 76/80, 5) 75/80, 6) 79/80. R&R engine and engine mount verified p/n 21955-00 was in compliance with Piper PM 752-464 and TCDS 1A15 for PA24-250, reinstalled with new mounts J3804-31 and hardware. Changed oil AS100 Plus 10ts and filter AA48110-2. Repaired exhaust mufflers, installed with new gaskets 77611, pressure checked system OK. Cleaned, gapped spark plugs, checked timing OK. Installed serviceable airbox and new BA3 filter. Replaced SCAT8, SCAT10 heater and air ducting. Installed new hoses for fuel transducer p/n 624000-5-0155 and 624000-5-178. Test run engine for operation and leak check OK. All AD's checked through 2024-15 per T-Data Bi-Weekly I certify this ENGINE has been inspected in accordance with an 100hr Inspection & is determined to be in an airworthy condition at this time. Don Allison A&P 1481667IA | | |
| | | |

| D-4- | Engine Time | | Recorder | Maintenance | and Remarks | | T |
|--------|----------------------------|----------------------------------|---|--|---|-----------|----------------|
| Date | This Date | Since Major | Reading | Mamera | und Remarks | Signature | Certificate No |
| | This Date Brought Forward | En 1. 0 2. F 3. I 4. 0 5. F 6. 6 | eg.#N5316P ATE:06/08/20 giine Annual Ins C:/W AD 68-05-01 R:an engine, drair ristalled new CH- C:ompression che A:D's checked thr | exhaust mufflers insp OK, next due 3089 tach. led oil, & refilled with 12 qts of Aeroshell W100Plus oil. 48110-1 oil filter. leck: #1 - 74, #2 - 75, #3 - 76, #4 - 70, #5 - 74, #6 - 76/80. lected and reinstalled spark plugs with new gaskets. | General Aviation Aircraft Maintenance & Repair 1010 Esplanade, Suite 15, Redondo Beach, Ca 90277 Telephone (310) 683-8801 Reg.#N5316P Work Order:1053120 Tach Time:3020.7 DATE:5/31/20 Total Time:N/A Time SMOH:0423.2 Engline Annual Inspection 1. Drained engine oil & refilled with 12 quarts of Aeroshell W100Plus oil. 2. In stalled new CH48110-1 oil filter. 3. Removed, cleaned, tested and reinstalled spark plugs with new gaskets. 4. Compression check: #1-72, #2-72, #3-70, #4-72, #5-70, #6-72/80. | Signature | Certificate No |
| tal To | | I C | E:RTIFY THAT THE C:ORDANCE WI | Igor A. Kulikov A&P 3681224 IA | 6. In spected fuel strainer - OK. 7. AIDs checked through 2020-10. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Igor A. Kulikov A&P-3681224 IA | | |



| Reg.# N53 * DATE: 05/2 | | 79 Tach Time:2882.5 Time SMOH: 0286.0 | Maintenance |
|--|---|---|-------------|
| 1. C/W AD 68 2. Ran engine 3. Installed ne 4. Compressi 5. Removed, 6. Installed 1 7. AD's check I CERTIFY TI ACCORDAN | al Inspection -05-01 exhaust mufflers insp e, drained oil, & refilled with 12 ce ew CH48110-1 oil filter. on check: #1 - 79, #2 - 79, #3 - cleaned, tested and reinstalled: #4 cyl. baffle screw with washer ed at FAA website on this date in HAT THIS ENGINE HAS BEEN CE WITH ANNUAL INSPECTION. | qts of Aeroshell W100Plus oil. 79, #4 - 77, #5 - 79, #6 - 79/80. spark plugs with new gaskets. rs. through AD2012-19-01. INSPECTED IN | |
| _ | | Igor A. Kulikov A&P 3681224 IA | |
| | | | |
| tal To erry Forward | | | |



SOUTH BAY AVIATION INC. HII Augent Dave State #101 Testelle Elle 1999 Ph 312-791 MAN Feet \$10 791 MAN AVIATION COMPANY AWA SOUTHERN DAVIATION COMPANY

| Reg.#N5316P Work Order:2054 Tach Time:2960.8 DATE:05/20/2018 Total Time:N/A Time SMOH: 0364.3 | Signature | Certificate No. |
|---|-----------|-----------------|
| Engine Annual Inspection 1. C/W AD 68-05-01 exhaust mufflers insp OK, next due 3060 tach. 2. Ran engine, drained oil, & refilled with 12 qts of Aeroshell W100Plus oil. 3. Installed new CH48110-1 oil filter. 4. Compression check: #1 - 77, #2 - 74, #3 - 78, #4 - 74, #5 - 79, #6 - 75/80. 5. Removed, cleaned, tested and reinstalled spark plugs with new gaskets. 6. AD's checked through 2018-10 at FAA website. CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. | Ţ | |
| Igor A. Kulikov A&P 3681224 IA | | |
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| | <u> </u> | |

| Data | Engin | Engine Time | | | |
|--|---|--|---|--------------------|--|
| Date | This Date | Since Major | Reading | Maintena | |
| | r | SOUTH BAY AVIA 3431 Anpat Dave State #100 1 Ph 310-791 5454 Feet 31 www.southbayavist | Corrance, CA 90509 0-791 5450 | | |
| Reg. | # N5316P W | ork Order:1831 | Tach Time: | 2778.9 | |
| DAT | E:05/03/2015 To | tal Time:N/A | Time SMOH: | 0181.4 | |
| 5 Cor | ecked magneto timing moression check: #1 - | | . #4 - 79. #5 - 79. # | 3 - 79/ 9 0 | |
| 6. Rer 7. Inst 8. AD' I CER ACCO | mpression check: #1 - moved, cleaned, testee alled new #2, 3, 4, 5 & s checked at FAA web TIFY THAT THIS ENG DRDANCE WITH ANN E IN AN AIRWORTHY | 79, #2 - 79, #3 - 79 d and reinstalled sp d 6 lower cylinder R site on this date an GINE HAS BEEN IN UAL INSPECTION | ark plugs with new on EM38E spark plugs d updated AD repor ISPECTED IN | gaskets. t. MINED | |

| and Remor' | | | Signature | Certificate No. |
|---|---|--|-----------|-----------------|
| Reg.# N5316P DATE: 05/28/2016 | SOUTH BAY AVIAT 1931 Auper Drive Glaze (1) Circ Bis 10 791 1944 Pag 110 Awar Souther, aviation Work Order: 1938 | Tach Time:2824.2 | | |
| | Total Time:N/A | Time SMOH: 0226.7 | | |
| Engine Annual Inspect. I. C/W AD 68-05-01 ex | haust mufflors inch | nout du poort | | |
| . Ran engine, drained Installed new CH481 | Oil. & refilled with 12 ato a | next due 2924 tach. of Aeroshell W100Plus oil. | | |
| . Repositioned RH ext | naust mount bracket | a de la deservación dela deservación de la deservación dela deservación de la deserv | | |
| | | #4 - 77, #5 - 79, #6 - 79 /80 . rk plugs with new gaskets. | | |
| . AD's checked at FAA | website on this data and | Control of the Contro | | |
| CEDTIE | | | | |
| CCORDANCE WITH | ANNIIAI INCOCCTION | AND WAS DETERMINED | | |
| | ANNIIAI INCOCCTION | AND WAS DETERMINED | | |
| CCORDANCE WITH | ANNIIAI INCOCCTION | Igor A. Kulikov – | | |

| | Engine | e Time | Recorder | | |
|--------------------------|-----------------|---|--|---|--|
| Date | This Date | Since Major | Reading | Maintenance | |
| | Brought Forward | Engine clean for a Checked engine m Owner checked fu owner. Checked compress #1) 75/80 #2) 7 Engine inspected a Ran engine, all not I certify that this e | BAKER 3465 Airport D 3 nnual inspection. In count and vibration rel strainers and re sion: 25/80 #3) 74/80 and maintained as rmal. Ingine was inspected fice manual, and ha | Tach: 2721.8 Eng. SMOH: 0124.4 R AERO ELECTRIC r. #7, Torrance, CA. 90505 10-375-5708 Inspected and lubricated engine controls. In isolators. Visually inspected exhaust system. In placed air filter. Oil and filter to be serviced by 10 #4) 75/80 #5) 74/80 #6) 76/80 In per the Piper service manual and FAR43.13. In accordance with an annual inspection, as as been determined to be in an airworthy P3135015IA | |
| otal To Carry Forward | | | | | |

| d Remarks | Signature | Certificate No |
|---|-----------|----------------|
| General Aviation Aircraft Maintenance & Repair 1010 Esplanade, Suite 4, Redondo Beach, Ca 90277 Telephone (310) 683-8801 Reg.# N5316P Work Order: 1050114 Tach Time: 27 | | |
| Reg.# N5316P Work Order: 1050114 Tach Time: 27: DATE: 5/09/14 Total Time: N/A Time SMOH: 013 | | |
| 1. Drained engine oil & refilled with 8 quarts of Aeroshell W100Plus oil 2. Installed new CH48110-1 oil filter. Checked magneto timing. 3. Removed, cleaned, tested and reinstalled spark plugs with new gas 4. Compression check: #1-79, #2-79, #3-79, #4-76, #5-79, #6-79/80. 6. Insopected fuel strainer - OK. 7. ADs checked through 2014-08. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. | | |
| | | |

| | Date | | gine Time Recorder Maintenance | | AA-1-A | | | |
|-------------|---|---|--|---|-------------|--|-----------|-----------------|
| | | This Date | Since Major | Reading | Maintenance | and Remarks | Signature | Certificate No. |
| _ | | Jess E 3441 Airpor Torran | C. Costantini T Drive. Hangar #8 ce. CA 90505 Fax: (310) 791-83 | | | 1-3-12 N5316P Tach: 2699.4 Eng. SMOH: 010 BAKER AERO ELECTRIC 3465 Airport Dr. #7, Torrance, CA. 90505 310-375-5708 | | |
| _ | Reg.N5316P DATE 10-01-10 | | Time:N/A Time:N/A | Tach Time:2658 Time SMOH:0023 | - | Engine clean for annual inspection. Inspected and lubricated engine controls. Chengine mount and vibration dampeners. Pressure tested exhaust system. Checked timing. Replaced air filter. Checked main and carburetor fuel strainers. Oil and for the control of the | | |
| | 20W-50 AND C INSPECTED AL FUNCTIONS. IN AND LEAKS. CI MAG TIMING. C #2-78/80 #3- 78, COMPLIED WIT THIS ENGINE i- | INE.CHANGED E HANGED OIL FIL L ENGINE CONT ISPECTED ALL C EANED AND GA COMPRESSION C 180 #4-76/80. CLE IH. NO LEAKS FO IAS BEEN INSPE | ANNUAL INSPECTION INCIDENTAL INSPECTION IN ACCORDA AND FUEL LINES PPED SPARK PLUCHECK AS FOLLOW IN ACCORDA CONTRACTOR IN ACCORDA ETURN TO SERVICE IN ACCORDA SETURN TO SERVICE IN ACCO | ERO SHELL DOIL FILTER. ITY AND S FOR SECURITY GS.CHECKED S #1-79/80 NER. ALL AD'S I CERTIFY THAT ANCE WITH AN SE. | | changed by owner. Checked compression: #1) 78/80 #2) 78/80 #3) 79/80 #4) 78/80 #5) 79/80 #6) 80/80. A.D.# 76-07-12. Ignition switch. Complied with by opps check. Next due at 279 tach. Ran engine, all normal. Engine inspected and maintained as per the Piper service manual and FAR43.13. I certify that this engine was inspected in accordance with an annual inspection, the Piper service manual, and has been determined to be in an airworthy condition. David Baker AP3135015 | 9.4 | |
| - | tal To Irry Forward | | | | | | | |
| | | | | | | | | - |

| Date | Engine | Engine Time | | Engine Time Recorder | | |
|---------------------|---------------------------------------|--|--|--|-------------|--|
| Date | This Date | Since Major | Reading | | Maintenance | |
| | | J. C. Avid Jess E. C 3441 Airport Di Torrance, ffice: (310) 920-1066 | ostantini rive. Hangar #8 CA 90505 | | | |
| | Reg.N5316P DATE 08-01-08 | Hobbs Tir Total Tim | | Tach Time:2635 Time SMOH:0010 | | |
| | MAG TIMING. COI #2-78/80 #3- 77/80 | E.CHANGED ENG ANGED OIL FILTE ENGINE CONTRO PECTED ALL OIL , ANED AND GAPP MPRESSION CHE 0 #4-76/80. CLEAN NO LEAKS FOUN BEEN INSPECT FION. OK TO RET | R WITH CH48: PLS FOR SECUTION AND FUEL LING ED SPARK PL CK AS FOLLO IED FUEL STR ID ON RUN UF ED IN ACCOR URN TO SER LONG LONG | AERO SHELL 110 OIL FILTER. IRITY AND IES FOR SECURITY UGS.CHECKED WS #1-76/80 AINER. ALL AD'S I CERTIFY THAT | | |
| ıl To ry Forward | | | | Í. | | |

| and Remarks | | | Signature | Certificate No. |
|--|---|--|-----------|-----------------|
| I | .C. Aviation Inc. | | | |
| , | Jess E. Costantini | 1 | | |
| | 3441 Airport Drive, Hangar #8 | | | |
| Office | Torrance, CA 90505 e: (310) 920-1066 • Fax: (310) 791-8387 | - | | |
| eg.N5316P | Hobbs Time:N/A Ta | ach Time:2658 | | |
| ATE 100-01-09 | Total Time: N/A Time | e SMOH:0032 | | |
| UNCTIONS. INSPE ND LEAKS. CLEAN IAG TIMING. COMP 2-78/80 #3- 77/80 #4 OMPLIED WITH. NI HIS ENGINE HAS F | GED OIL FILTER WITH CH48110 OIL GINE CONTROLS FOR SECURITY A CTED ALL OIL AND FUEL LINES FO ED AND GAPPED SPARK PLUGS.C RESSION CHECK AS FOLLOWS #1 1-77/80. CLEANED FUEL STRAINER D LEAKS FOUND ON RUN UP. I CEI SEEN INSPECTED IN ACCORDANCE ON. OK TO RETURN TO SERVICE. | AND OR SECURITY CHECKED 1-77/80 R. ALL AD'S | | |
| MOAL INSPECTIO | | 10// - | | |
| WINDAL INSPECTIO | Jess Costantini - A&P | The same of the sa | | W. Land |

Feb. 27, 2008

0-540-A1C5

S/N L-8093-40

WO#20877

This engine was dissassembled only enough to facilitate an inspection and repairs following a prop strike.

Applicable parts were cleaned, inspected, repaired and/or replaced as necessary to ascertain airworthiness. Engine was reassembled I/A/W Lyc. overhaul manual 60294-7-11 test ran on a stand and found ready for return to service. Notes:

- A.D. 95-07-01 C/W; Used new SL74644 rod bolts.
 - 96-09-10 P/C/W; Had AEL18109 & 18110 gears.
 - 2004-05-24 C/W; Used new SL-STD2209 bolt.
 - 2004-10-14 C/W; Crankshaft gear mod. and retention I/A/W SB475C.
 - 2005-19-11 N/A per shaft s/n 12235.
 - 2006-10-21 N/A to these 74502 conn. rods.
 - 2006-20-09 N/A per shaft s/n 12235.
 - 2007-04-19R1 N/A; Engine is narrow deck version.

Pertinent details are on file at this repair station under work order no. 20877; parts replaced are listed on attached work order.

Mark D. Lickteig

for CRS #DC2R763K

Custom Airmotive, Inc.
FAA REPAIR STATION #DC2R763K
AIRCRAFT ENGINE SERVICE
2702 N. SHERIDAN, BLDG. B
TULSA, OK 74115
(918) 836-6836
FAX (918) 836-931

| and Remarks | Signature | Certificate No. |
|---|-----------|-----------------|
| Deason Aircraft Services Inc. Miami County Airport 913-755-4107 5-6-2008 N5316P S/N 24-357 Tach: 2621.9 Re-installed engine per manufacturers repair manual after repairs made by Custom Airmotive Inc Serviced with Aeroshell 100 grade. Inspected engine mount for damage none found at this time. Inspected magneto timing. Inspected engine controls for security & proper travel. Replaced LH& RH exhaust tail pipes, inspected exhaust system for leaks, none found. Cleaned fuel screens. Ground ran engine adjusted idle mixture and speed, noted that Tach reads about 150-200 rpm low. No fuel or oil leaks noted at this time. **Property of the property of th | | |

| | | | EIN | GINE LOG | | | | | Signature | Certificate No. |
|-----|---------------------------|---|---|---|--|-------------|-------------|---|----------------|-----------------|
| | D | Engin | e Time | Recorder | | Maintenance | and Remarks | | Jigilalore | |
| | Date | This Date | Since Major | Reading | | | | | | |
| e l | | Brought - | | | | | | | | |
| | Total To Carry Forward | Reg.N53 DATE 07 CLEANE 20W-50 INSPEC: FUNCTIC AND LE/ MAG TIN #2-78/80 COMPLI THIS EN ANNUAL | Office: (310) 6 Office: (310) 6 16P -01-07 ENG ED ENGINE.CHANG AND CHANGED O TED ALL ENGINE (ONS. INSPECTED AKS. CLEANED AN JING. COMPRESS #3- 76/80 #4-75/80 ED WITH. NO LEAI GINE HAS BEEN II | CONTROLS FOR ALL OIL AND FU ID GAPPED SPA ION CHECK AS F CLEANED FUE KS FOUND ON R NSPECTED IN AU TO RETURN TO | Tach Time:2615 Time SMOH:0018 SPECTION WITH AERO SHELL CH48110 OIL FILTER. SECURITY AND EL LINES FOR SECURITY RK PLUGS.CHECKED FOLLOWS #1-77/80 IL STRAINER. ALL AD'S UN UP. I CERTIFY THAT | | | Deason Aircraft Services Inc Miami County Airport 913-755-410 12-6-2007 N5316P S/N 24-357 Tach: 2621.9 Removed engine from N5316P due to Sent to Custom Airmotive for repairs For Deason Aircraft Services Inc. | o prop strike. | |

| Date | Engin | e Time | Recorder | |
|---------------|--------------------|-------------|----------|--|
| Date | This Date | Since Major | Reading | Maintenance |
| | Brought Forward | | | |
| 2-30-06 | Engine | 6145 A3 | sembled | Using Ly Brains OVER hi |
| Ach-2597 | # MANU | AL PAR | # 600 | 24-7 Apploved by Den C Stating 25303043 |
| | FAA. | | | Den C Oct 14925303043 |
| | | | | J., |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total To | | | | |
| Carry Forward | | | | |

| Date | Engine Time | | Recorder | | |
|--------|-----------------|---|---|---|----------|
| Date | This Date | Since Major | Reading | Mai | ntenance |
| tal To | Brought Forward | Log Book Entry BAKER AERO ELE 3465 Airport Dr. #7 310-375-5708 MAGNETO p/n Overhaul one TCM condenser, bearings, as per TCM manual 2006-07 issue. A.D. replacement as per T tion. (X1=.032) (X2 Log Book Entry BAKER AERO ELEC 3465 Airport Dr. #7, 310-375-5708 MAGNETO p/n) Overhaul one TCM m condenser, bearings, c Work performed as pee with through 2006-07 | 6-1-06 ECTRIC , Torrance, Ca. 90) 10-51360-47 magneto. Disasser , oil seal, coupling and FAR43.13. A # 05-12-06 compl FCM SB#639 & T = 031) 6-1-06 CTRIC Forrance, Ca. 9050 10-51360-47 s agneto. Disassemi oil seal, coupling s or TCM manual an issue. A.D.# 05-1 | s/n) 890678 mbled, cleaned, inspected, replaced points, spring and bench tested. Work performed all A.D. notes complied with through ied with by inspection and coupling spring CM MSB#645. 500 hr recurring inspect- | |

| and Remarks 12-30-06 Troh- | Signature | Certificate No. |
|--------------------------------------|------------|-----------------|
| Installed OVER Havled : 0-540-AICS | | |
| sthist number 1-8093-40 Engine | | |
| ingine was clemal, Inspected, Rebush | | |
| Ful Size by Tims Air CAAFT | | |
| ingines inc. I Aw Ly Comina | | |
| 60294-7-9. FACTURY NEW Millennum | | |
| Cylinderes and Distons Instalked. | | |
| efformed test Run up. No | | |
| Exk's Found, My Check good | | |
| Engine of to Retilute | | |
| SERVICE. () C THAT AH | 2537379432 | .AA |

| Date | Engin | e Time | Recorder | • | |
|--------------------------|-----------------------|-------------|----------|--|--|
| Dale | This Date | Since Major | Reading | Maintenance | |
| 4/24/02 | Brought Forward -> | | 1941 | Removed carburator, S/N RIGB:23: | |
| | P/N 10- | 4404, for | | l. Marshall Cansons J. AZP 13715-97 | |
| -1.6 | | | | A = P 13715-97 | |
| 17/02 | 5/10/10 | W. A | 1942 | Reinstalled carburator, | |
| | 1 1 6B | 2335, 000 | rhankol | by Southeast Fuel | |
| | rypiems | WO#341 | 48. adje | | |
| | | | | Marshall Parsons for | |
| | | | | 10.24 | |
| | | | | 1 12,41 7 14 | |
| otal To Carry Forward | | | | | |

N119Q 09/20/2003 Tach 1992.42 TotalTime 2044.42 TSMO 2044.42

I certify that an annual inspection has been preformed on this engine in accordance with FAR part 43 appendix D. Washed and inspected engine, Drained engine oil and replenished with 12 quarts aeroshell, 100, replaced oil filter, replaced air filter with new filter, cleaned, gapped & tested spark plugs, inspected intake, exhaust, hoses, carburetor and ignition system Lubed engine controls. Preformed differential compression check test results all cylinders above 72/80: AD's researched through issue 2003-16 all applicable engine AD's complied with at this time Operations check found satisfactory aircraft returned to service.

Mental Parison A&P 1371597 IA

| Date | Engin | e Time | Recorder | |
|---------------------------|-----------------------|-------------------|----------------|--------------------------------------|
| Date | This Date | Since Major | Reading | Maintenance |
| 2/1/01 | Brought Forward | | | annual Inapportion N/192 |
| | | Charged or | 1100w & | Litter CH48110. |
| | Date 4/ | 101 1.1 1913 | Hr. Mater or | Tech Indication 1863 TEMON 1915 |
| | Engine 6 | ompartment / | Chales M. | Accordance With FAR PART 48, |
| | Checked Gratege | and Changed/Repla | cod Air Filter | Cooling Baffles Cylinder Base Stude. |
| | Checked | Fuel Screens | Checked V. Me | Puel Sumps Brained and |
| | Nicks Ren Followed | Yan at 780 at 780 | dges Diller | opjal Compression Checkes |
| | infount i | COLI CONTRA | Bank St. C. | Pg. AU Campilango Chack |
| | Signed_ | Man Sall | and Ratura | ALP 6 /37/597 FA |
| | | | 7 | |
| Total To Carry Forward | | | | |

| and Re | emarks | Signature | Certificate No |
|--------|---|-----------------|----------------|
| 1/02 | emarks (innual Inspection N/19Q eged oil 100 W & filter CH48110. Regulares w wagstene. | | |
| Chan | eged oil 100 WE filter CH48110. Replaces | Callvalue co | ver gochets |
| ithni | w wophene. | | |
| | Date 3/1/oz T.T 1981 Hr. Meter or Tach. Indication ISTON — Engine Inspection Peformed In Accordance Wi | / ISMUH / | 181 |
| | Engine Compartment Engine Mount Engine Cont | rols / Cowline | - |
| | Crakcase Belts and Nuts Intake and Exhaust Systems | Oil Screens Oil | 3. |
| | Filter Changed Oil Filter Element Checked Fuel Sumps Checked Fuel Screens Checked Magneto Points & Tinhi | ng Checked | |
| | Carburator Heat Checked Prop Governor Checked Prop C Nicks Removed From Leading Edges Differential Compression Follows:#1780, #2780, #3780, #3780, #5780, #5780, #7780, | Check as | |
| | #8 /80, #9 /80 AD Compliance List at Rear of Log AD Compliands | Chack | |
| | Through lesue civity Centry That This Engine Has Been Inspector Accordance With An inspection and Returned To Service. Signed Cashall Vision A. A&P # 137 | 597IA | |

| Date | Engine | Time | Recorder | |
|---------------------------|----------------------|-------------|----------|-----------------------------|
| Date | This Date | Since Major | Reading | Maintenance |
| | Brought Forward → | | | |
| 5/28/99 | T.T.1789 | | 1737 | Changedoil 100w Aeroshel |
| | filter ct | 148110. Cut | open fil | ter & inspected & Sent oil |
| - | sample | for analy | is. The | Eschall Person J. AEP137159 |
| 9/29/99 | 1840 | | 1788 | 1.6.0.11 |
| | filter cH | 18/10, Cuto | 1 | - Einspected found C.K. Sen |
| | oilsample | foransli | sis. Man | skall Parson Q. BEP1371597 |
| | | | | |
| Total To Carry Forward | | - | | |

| and F | Remarks | Signature | Certificate No |
|-----------|--|-------------------|-----------------|
| 1/10/00 / | Jeh. 1806 Annual Engertion | V119Q | |
| Chang | ed oil 100W & filter CH48110. Replace | ed (3) ex. gasket | #1-#3-#5 |
| Cyla . à | replaced of stud (ex) on #5 cul. adju | stedalt belt | ension. |
| Reclace | rd 2/mag. w 0-Time ES10-51365-47 5/NG | 19486. New cart. | rir filter elom |
| | Date //10/00 TT 1858 Hr Meter or Tach, Indication | 1806 TSMOH 185 | |
| | Engine Compartment Engine Mount Engine Con | trols Cowling | |
| | Checked and Changed/Replaced Air Filters/1500 Cooling Barries | Oil Screens V Oil | |
| 1 | Filter Changed Oil Filter Element Checked Fuel Sums Checked Fuel Screens Checked Magneto Points & Tim Carburator Heat Checked Prop Governor Checked Prop | Condition Checked | |
| | Follows: #1 200 #2 60 #2 60 #2 60 #5 60 #6 /80. #7 /80. | I Stock as | |
| | #8 /80, #9 /80. AD Compliance List at Rear of Log. AD Compliance Through Issue 00-01 Certify That This Engine Has Been Inspects Accordance With An Inspection and Returned To Service. | | |
| _ | Signed Manual System Asp # 13 | 10/1+11 | |

| Date | Engine | e Time | Recorder | and the control of | |
|---------------------------|-----------------|-------------|----------|------------------------------|--|
| Dale | This Date | Since Major | Reading | Maintenance | |
| | Brought Forward | | | | |
| 0/19/98 | | | 1690.58 | Changed oil 100 w aeroshell. | |
| | | filter C | 448110. | Changed oil 100 w Aeroskell | |
| | 4-L | | | , | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Total To Carry Forward | | | | | |

| Removed I/11 exh. To resurface #2 cyl. exh. 3) new exh. gaskets Replaced starter dr | port, replaced we w. new EBB | 75/1. |
|--|--|-----------|
| Removed I/r exh. To resurface #2 cyl. exh. (3) new exh. gaskets Replaced starter dr | port, replaced we w. new EBB | 75/1. |
| (3) new exh. gaskets Replaced starter dr | WE W. NEW EBB | 75/1. |
| The gaple of 11 good on | + / | |
| Repaired eng. Saffle as regid. & welded ex | dension on or | ace, from |
| starter to accommodate new alternator. | | / |
| Date 12/12/27 T 1757 Hr Meter or Tach Indication / | 705 TSMOH 1757 | |
| Engine Compartment Figure Mount Figure Control | s V Cowling V | |
| Checked and Changed (Spalmost) Filter / Coming Saffles / | Cylinder Base Studs, | |
| Crakcase Bolts and Nuts V Intuke and Exhaust Systems V Company of Fuel Sumps D | rained and | |
| Checked Fuel Screens nocked Magneto Points & Timing Carburator Heat Checked Foot So Prep Cor Nicks Removed From Legislan Foots Chifferential Compression C | No. of Concession, Name of | |
| Nicks Removed From Leading Edges Differential Compression C Follows:#1780, #2780, #3780, #3780, #678 | ALL THE CALL | |
| Through Issue 28 231 Certify That This Engine Has Been Inspected It Accordance With An Inspection and Returned To Service. Signed Market Cartery A&P # 137/5 | | |

| Date | Engine Time | | Recorder | | | | |
|---------------------------|---|-------------|----------|--------------------|-------------------------------------|----------------|-----------------|
| Dale | This Date | Since Major | Reading | Maintenance | and Remarks | Signature | Certificate No. |
| | Brought Forward -> | | | | | | |
| MAY 6 1997 | A Diego | 45 | | | | | |
| TACH | 1627.00 | | | OIL CHANGED WITH | 11 gts AEROSHELL W 100 - SAE 50 WT. | | |
| Aircraft | Engineer | | | OIL FILTER CHANGED | | assentibudango | e eff |
| Ba | 434 Bartow A artow, FL 3383 1870 FAA VE | urport | | | | CERT. No 23 | 32997 |
| DATE: 11-6- 3562 | -97 TACH : N1190 | 1642 | | | | | |
| Carb a | NGINE (co ed top bra ir box | ce on | _ | | | | |
| 14.Clean a | & painted | firewall | | | | | |
| Total To Carry Forward | | | | | | | |

| Date | Engin | e Time | Recorder | Maintenance | | |
|------------------|------------------------|-------------|----------|------------------------------|--|--|
| | This Date | Since Major | Reading | Mulliending | | |
| SEP 7 1996 | Brought Forward | ANNUAL | NSPECT | YON Completed This date | | |
| Tach | 1577 40 | OIL Cha | ngedu | ITH 11 9TS APROSHELL | | |
| 7 <u>.5.0.h.</u> | 1629.5 | W 100,0 | 1 FITTER | (CH48103) + AIR FITTER | | |
| COMPRESSION | CHECK | BA3205 | Replac | edwith New, Replaced | | |
| #1 80/72 | 4 80/74 | BAFFLE 1 | NATERIA | 1 Over #1, #2, #3C.YL, | | |
| | \$5 80172 \$6 80175 | All Cont | ROIS C | hecked + LuBed AD'S | | |
| | | | | To date. | | |
| | | | | CLAIR K. KLINGER IA 1564044 | | |
| | | | Cla | in K Klungen | | |
| Total To | | | | | | |
| Carry Forward | | | | | | |

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport Bartow, FL 33830

| ١ | 813-533-1870 FAA VF4R594M | - |
|---|--|---|
| | DATE: 11-6-97 TACH: 1642 3562 N119Q | - |
| | ENGINE 1.Comp Test 80psi | - |
| | 78 76 78 77 78 76 2.0il & Filter ghange | - |
| | 3.R&R all fuel & oil ha | _ |
| | 4.AD96-9-10 Install | - |
| | part number of | - |
| | 5.R&R all plugs with new 6.AD96-12-7 impulse Insp | - |
| | 7.R&R air filter with new 8.SB518C Veritherm Incom | - |

8.SB518C Veritherm Insp

12. Shimmed top 2 engine

9,R&R breather elbow w/new 10.R&R R/H baffling w/new

old style

mounts

11.Painted prop hub

AIRCRAFT ENGINEERING 813 / 533-1870 1694 Smoth Repair Station FAA Approved VF4R594M certify that this _ been inspected in accordance with an inspection and has been determined to be in airworthy condition. AD's thru Card ____ AD list back of log book.
For details work order # 3562 Inspector Bill Turley Signature

Signature

Certificate No.

KLINGER AERO
12151 MATTIODA ROAD
Groveland, Florida 34736
PHONE (904) 429 = 2250

6-2-94

Tach: 1507.66

Annual inspection completed this date. Oil & filterchanged with 12 qt. Aeroshell #50 regular. Spark plugs cleaned gapped. Engine mount O/H by Kosola Associates WO 19817. Installed with all new hardware. Replaced both fuel pumps with new. Muffler repaired by PMA W/O005940. C/W SB 632A Para 2,3 C/W by new style cams. All seals, felts, replaced dist blocks treated & lubed. Mags ran on test bench & C/W factory specs. Removed #5 & #6 cyl due to low compression. Cyl work by Southeast Engines, Inc. Cyl installed using new rings, seals, & gaskets. Installed new prop spinner to replace former spinner. AD'S checked & C/W Thru 94-10. See AD listing rear of engine log book.

Pair K Klinger IA 1564044

| and Remarks | Signature | Certificate No. |
|---|---|-----------------|
| KLINGER AERO 12151 MATTIODA ROAD GROVELAND. FL. 34736 PHONE (904) 429-2250 Piper PA-24-250 S/N 316 N-3583H Tach 1548 T.S.O.H. 1600.1 Annual inspection this date.0il changed Aeroshell W100. 0il filter & air filter with new (No metal). Spark plugs cleaned Mags adjusted. All controls CK & lubed N/A. (See AD summary in Flight Manual allocation Aircraft log. COMPRESSION CHECK #1 80/ 74 #4 80/ 74 #2 80/ 74 #5 80/ 73 #3 80/ 74 #6 80/ 74 | r replaced d & gapped — . AD95-3-2 and rear of — | |

Carry Forward

| Date | Engine | Time | Recorder | |
|---------------------------|-----------------------|-------------|----------|--------------------|
| Duic | This Date | Since Major | Reading | Maintenance |
| 0 // | Brought Forward -> | Repl | reed. | # 3 cy linder |
| Rocker | BOXE | over q | aste | Land Lightener |
| any l | ose so | crews | an a | the covers Checket |
| pl jut | ake M | resulto | ld hos | e for security |
| b a co | ps. Re | paired H | 10-149 | fall the TAIT pipe |
| Sollar | 1 AM | lugin | en ey | lety of propellier |
| Loabe | Poda | 11/2 | rect. | ed for oil |
| £ 64 | lt 1 | Sand | Wolts | year Toques |
| Ppm + | Stati | 0 RM | SAG | Tigor Table |
| Total To Carry Forward | | - 10 1 | i Ch | een eqi |

and Remarks Certificate No. Signature

| Date | | e Time | Recorder | |
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| | This Date | Since Major | Reading | Maintenance |
| 1/5/91 | Brought Forward | 1434 | 1381:80 | To find The powerplant |
| | - 9 | | | HON 52:43 hos fo |
| <i>(</i>) * * * * * * * * * * * * * * * * * * * | | D | | Tack new ding |
| compa | ession Ch. | | 2 3 | 4 5 6 peter |
| Right | e, h | 77 | 7776 | 78 75 76/80 CON. |
| Aviation | , FAA | STACK | Mercor | k by Dawley |
| W.O. N | 0. 1944 | Certi- | TICATE | NO NJ5RO69N |
| install + | don | ria lit | - | exhaust studs |
| Exhrust | prob | gask | side | + 3 Mew |
| Total To Carry Forward | | 7 32. | 45./ | mine of points |
| • | | | | |

and Remarks Certificate No. Signature

ENGINE [

| Manufacturer: Lycoming | 1-8093-40 |
|-------------------------------------|---------------|
| Williamsport PA. Model: 0-540-A1C5 | FAA T. C. No. |

| Serial No. | Weight | | | |
|------------------------|----------|--|--|--|
| H 2293 Prop. 0/H 04 | 10/17/91 | | | |
| | | | | |
| | | | | |
| | | | | |
| | # 2293 | | | |

Instructions for the Use of Log Book

1. This log must always accompany the engine to which it refers.

2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.

3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot. Chief Mechanic, or other competent person authorized to do so.

4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.

DIDED AIDODARD CODD

5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.

6. Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.

TOOK HAVEN DA

7. CAA-18-1 Repair and Alteration forms listed on last page. 8. This log book shall be available and produced, on demand of anyone so authorized.

| 1 11 1/10 / | AIRCHAIT COM LOCK | HAVEN, PA., U. S. A. | Nº119Q |
|--|--------------------------------------|------------------------------|---|
| | ENGINE L | OG , | 5277P |
| | Ø . | 1. 11 2 | License No. |
| MANUFACTURER Name Address Model 9.540-AIR5 | ycoming d | en clues 1 | Mg Carp |
| (Address | Delleamapa | I. Thur | |
| Model 0.540-AIA5 | 70 - 295. н. р д | Serial | Not 238-40 |
| Stroke Bore R.P.M. Normal Maximum Gear Reduction Rat Certified Correct Name Na | Manifold Proc | Normal | |
| Bore | | Maximum | *************************************** |
| R.P.M. Normal | B.H.P | Normal | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| Maximum | na./.a | Maximum | 250 |
| Gear Reduction Rat | io . deraat | Rotation of Prope | ller Clarkedes |
| Certified Correct | | Date | *********** |
| (Name | | | |
| OWNER Address | ******************* | | |
| | his book is a pictodian of the CU. | | |
| NOTICE:-Making false entries in t | his book is a violation of the Civil | Aeronautics Act of 1938, pur | nishable by Civil Penalty. |

KLINGER AERO 12151 MATTIODA ROAD Groveland, Florida 34736 PHONE (904) 429=2250

6-2-94

Tach: 1507.66 T.S.O.H: 1559.76

Annual inspection completed this date. Oil & filterchanged with 12 qt. Aeroshell #50 regular. Spark plugs cleaned & gapped. Engine mount O/H by Kosola Associates WO 19817. Installed with all new hardware. Replaced both fuel pumps with new. Muffler repaired by PMA W/0005940. C/W SB 632A Para 2,3 C/W by new style cams. All seals, felts, replaced dist blocks treated & lubed. Mags ran on test bench & C/W factory specs. Removed #5 & #6 cyl due to low compress ion. Cyl work by Southeast Engines, Inc. Cyl installed using new rings, seals, & gaskets. Installed new prop spinner to replace former spinner. AD'S checked and complied with thru 94-10. See listing rear of engine log.

Clair K. KLINGER IA 1564644

| OPERATION PERFORMED | Date | Date Checked | DateChecked | Date | Date | | OPERATION PERFORMED | Date Checked | Date Checked | Date | Date Checked | Date |
|--|-----------------------|--------------------|---------------------|---------------------|-------------------|-----|--|-----------------|-----------------|-------------|-----------------|-----------|
| Total Engine Time | | | | | | | Total Engine Time | Removal | CLEANED | L TRANS | ed conw | Prime |
| Fuel Systems, lines gascolator and carburetor | | | | | | 1 | Fuel Systems, lines gascolator and carburetor | INSTALLE | | ew Sparke | | |
| Lubrication system, oil tank, lines, strainers and pump | | | | | | - 1 | Lubrication system, oil tank, lines, strainers and pump | | | | 1, | ower) |
| Cooling system, cowling, Baffles, lines and fittings | | | | | | | Cooling system, cowling, Baffles, lines and fittings | #1-80/me | d Compre | SSION CK | | |
| Valves, push rods and rocker arms | Stoh. | | | | | | Valves, push rods and rocker arms | 778 | #2-89 # | 3-/78 H | 4-78#5 | 5-88#6-89 |
| Ignition, wires, plugs, points and shielding | T. 82,35 | TACH RE | ADING 1104 | : 2 | | | Ignition, wires, plugs, points and shielding | | | | | |
| Engine manifold and motor mount, bolts and nuts | I CERTIFY T | HAT THIS E | NG HAS | BEEN | | | Engine manifold and motor mount, bolts and nuts | 6.0 | | remus /2 | | |
| Propeller Condition & Alignment | INSPECTED I | N ACCORDAN | CE WITH A | oohr | | | Propeller Condition & Alignment | | | EADING /2 | | |
| Oil changed answer Yes or No | INSPECTION | AND WAS DE | TERMINED T | O BE | | | Oil changed answer Yes or No | | THAT THIS | MG. HA | SBEEN | |
| | IN AIRWORTH | | | | | 1 | | | NACCORDA | | 100hr. | |
| Certified by | 10-5-8 | AME-SIGNATI | | 1179255 NO | | | Certified by | IN AIRWORT | HY Condition | er Enwinded | TO BE | |
| E License No. | DATE N | AME-SIGNATO | INC AGI A. T. | 10 to the | WNEP- | | E License No. | 10-20-9 | PO | | | |
| Address | DETAILS UN | DER WORK O | KUER NO. 7_1 | AC WIND | | | Address | DATE | 11.0.20 | toards 117 | 2255 | |
| NOTICE:-Making false entr | ies in this book is a | violation of the C | vil Aeronautics Act | of 1938, punishable | by Civil Penalty. | | NOTICE:-Making false enter | DETAILS UN | | THE ART-A. | I. NO. | |

| СНЕСК | ENGINE CHECK REPORT Engine Serial | Engine Serial ENGINE CHECK REPORT | СНЕСК |
|--|--|---|---------------|
| OPERATION PERFORMED | Date Date Date Checked Checked Checked Checked Checked | OPERATION PERFORMED Date Date Checked | Date |
| Total Engine Time | 9/29/88 Tach 998.75 Check Conversal | Total Engine Time 10/5/89 Changed Diny Fixter, 7 | Pare or od to |
| Fuel Systems, lines gascolator and carburetor | # 1/8% # 2 79/ # 3 8/0 # 88/ # 5 7/0 26 8/50 - | Fuel Systems, lines gasophion and carburetor HCH 1104.20 CLEANED & Tested Spank | ON. |
| Lubrication system, oil tank, lines, strainers and pump | DATE 759/88 TAND 797-25 (P) | Lubrication system all tents | 12092) |
| Cooling system, cowling, Baffles, lines and fittings | certify that this # /Fng has hear | Cooling system, cowling, Baffles, lines and fittings Herormed Compression CK, Cooling system, cowling, Baffles, lines and fittings # 1-89 #2-89 #3-89 #4-89 #5-89 | to 89 |
| Valves, push rods and rocker arms | inspected in 2000 dang with a 100 hr | Valves, push rods | Tropal |
| Ignition, wires, plugs, points and shielding | be in an airworthy condition. | Ignition, wires, plugs, points and shields, plugs, points | 40-119 |
| Engine manifold and motor mount, bolts and nuts | WILLIAM D. SCHMIDT | Engine manifold and motor Mage. Due /Ach /204.0 | |
| Propeller Condition & Alignment | CERT. # AP538263292 m CA Manual | Propeller Condition | |
| Oil changed answer Yes or No | | Oil changed | se, |
| | | answer Yes or No Replaced Lt. Side Ex. Gaskets, | - |
| Certified by | | Covide | - |
| E License No. | | Certified by | |
| 200 | | E License No. | 100 |
| Address | ties in this book is a violation of the Civil Aeronautics Act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of the Civil Aeronautics act of 1999 with his book is a violation of 199 | Address See Ne. | xt pe- |

| CHECK | ENGI | NE CHECK RE | PORT | Engine Serial | |
|--|-----------------------|---------------------|---------------------|---------------------|-------------------|
| OPERATION PERFORMED | Date Checked | Date Checked | Date Checked | Date | Date Checked |
| Total Engine Time | 9-5-87 | TACH READ | s 971.71 | HRS. | |
| Fuel Systems, lines gascolator and carburetor | 100 HR | INSPECTI | ON PERFOR | EMED. Cor | PRESSION |
| Lubrication system, oil tank, lines, strainers and pump | CHECKED | #180,#2 | 79, #3 79 | #4 79 # | 579 #6 80 |
| Cooling system, cowling, Baffles, lines and fittings | OIL DRAIL | UED, OIL F | YER INSP | ECTED FER I | PARTICLES. |
| Valves, push rods and rocker arms | NEW ACC | F-SIA FILT | BR INSTAU | FP. SUMP | REFILLED |
| Ignition, wires, plugs, points and shielding | 70 12 QT | | ITH AERUS | | GRADE. |
| Engine manifold and motor mount, bolts and nuts | USED/SERVI | CABLE STA | RTER DRIVE | | NSTALLED |
| Propeller Condition & Alignment | TO REPLACE | = BROKEN, | HOUSING. | MAGNETO IN | 1DULSE_ |
| Oil changed answer Yes or No | COUPLINGS | CHECKER 1 | | G AND PROP | PER OPERATION. |
| | IMPUSES L | UBRICATED, | MAGNETOS | REINSTALL | ED WITH |
| Certified by | NEW GASKE | ts AND TI | HED TO EN | SINE NE | U ROCKER |
| E License No. | COVER GA | skets PIN | SA 75900 | ,65A,1N | STALLED. |
| Address | ENGINE A | IR PILTER | ELEMENT | PIN BRACK | ETT BA 3105 |
| NOTICE:-Making false entri | ies in this book is a | violation of the Ci | vil Aeronautics Act | of 1938, punishable | by Civil Penalty. |

| ENGI | NE CHECK RE | PORT | | CHECK |
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| Date | Date Checked | Date Checked | Date Checked | Date Checked |
| INSTALLED | ENGINE | CHECKED | FOR GET | JERAL. |
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| | | 1 | | |
| 1 7 | 7 (9) | | | |
| 11 15 1 L. V. 16 | | 1.4 | | |
| 1 1/1 | DATE T | 5-87 TACH 97 | 17 T.T. 10 | 6.14 STON 4 |
| 20,000,000 | INSPECTE | DIN ACCORD | ANCE WITH AN | ANNUAL |
| | INSPECTI | ON AND WAS | DETERMINED T | 0 |
| | ORTIS RO | NALD BURNS | A&P 40752885 | IA |
| | Orte | Burne I | A 4075288 | 51 |
| | | | | |
| | | | | |
| | Date | Date Checked INSTALLED ENGINE CONDITION RUN-UP OPERATIONAL CHECK DATE TINSPECTE INSPECTE BEIN AIR ORTIS RO | Date Checked Date Checked Checked INSTALLED ENGINE CHECKED CONDITION RUN-UP FOR LEAR OPERATIONAL CHECK INSPECTED IN ACCORD INSPECTED IN AND WAS BEIN AIR WORTHY CON ORTIS RONALD BURNS | Date Date Checked Date Checked FOR GET CONDITION & RUN-UP FOR LEAR CHECK AN OPERATIONAL CHECK & |

OTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

| Engine Serial N.C | | | | | | | | |
|-------------------|-----------------------------|------------------------------|--------------------------------|--|--|--|--|--|
| Date | n n w | Ground Time Hrs. Min. | Air Time Hrs. Min. | Total Time Hrs. Min. | | | | |
| 4 | R. P. M. | All S. | | | | | | |
| Year Mo. Day | Ground Air | | | | | | | |
| REPLA | CED WITH A | IEW AEROQUIF | HOSE, ORIGIN | OL VACUUM HOSE | | | | |
| FROM | VACUUM PUI | UP TO SUCTION | REGULATOR | REPLACED WITH | | | | |
| AERO | WIP 306-6 | | LED USED SERV | | | | | |
| LINES | TO REPLACED | CORPODED ORIG | WAR LINES WE | D REPAIR CRACK | | | | |
| ON N | | | AERO WELDING A | | | | | |
| INSTA | | | WATION SPECIAL | | | | | |
| CRAN | | | | R-OIL SEPARATOR | | | | |
| LISTE | DON MASTER | 2 DRAWING LIS | NO. B-1013 R | eu C DATED 7-12-76, | | | | |
| AND | | | | STALLED BRACKETT | | | | |
| AIR | FILTER ASS | Y BA-3110A | N ACCORDANCE | WITH INSTALLATION | | | | |
| INST | UCTIONS NO | | DATED APRIL 2 | | | | | |
| | OUED UNDER | | TIGL. SEE PA | The second secon | | | | |
| DATE | D JULY 12, 19 | 85 FOR DETAI | 4S. ENGINE ST | ARTED FOR | | | | |
| 0150 | REPENCY CH | HECK. THIS E | NGINE IS REA | DY FOR INFLIGHT | | | | |
| BRE | AK-IN. | | | | | | | |
| | TOTAL TIME | | | Girll Penelty. | | | | |
| NOTICE:-M | Taking false entries in thi | s book is a violation of the | Civil Aeronautics Act of 1938, | punishable by Civil Penaley. | | | | |

| REMARKS | SIGNATURE |
|--|-------------------|
| DATE 7-12-86 TACH 92252 T.T. 966.95 HR S | tou a use |
| THAT HIS ENGINE HAS DEEN | ON U ARS. |
| INSPECTED IN A CORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO | |
| - CONTRACTOR OF THE PARTY OF TH | |
| ORTIS RENALD BURNS A&P 407523851 1A Ortis Burns IA 407528851 | |
| Sime purine 11 70130051 | |
| 7-12-86 TACH READS 923.65 Hes. | |
| FLIGHT FOR OIL CONSUMPTION CHECK | |
| CONSUMPTION CHECK FLIGHT, OIL LE | VA-STILL ON FULL. |
| Ortes Burns AEP 4075 | 2885) |
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-Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

LOCK PLATES NOTICE:-Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

| REMARKS | SIGNATURE |
|---|--|
| 6EA STD-1821 INTAKE HOSES | |
| _ 60 PA 69603 ROCKER DRAW HOSES | |
| GEA PA 77611 EXHAUST GASKETS | |
| 12 EA STD-1410 EXHAUST NUTS | |
| ALL INTEREST SEAL | |
| ALL INTAKE VALUES REFACED, 5 OCHAUST V | ALVES REPACED. NEW |
| EXHAUST VALUE INSTALLED IN NO.5 CYLINDS | R. MAGNETO IMING |
| NEW AC OF-SIA OIL FILTER INSTALLED, SULTIN | ON OIL SCREEN CHEKED, |
| LEVEL WITH AEPOSHELL W 100 GRADE. CA | PRIPETER INVET SCREEN |
| LINECKED, CARBURETOR BOWL DRAWED FIFT | RIC FUEL PUMP SCREENS |
| CHECKED, AND PUMPS CHECKED FOR PREPATION | NEW GENERATOR BELT |
| - IN 60886 INSTALLED NEW STARTER DRIVE I | P/A) 1961309 INSTALLO |
| NOU NOSE BUSHING PLANT- 298 SUBSTITUTE | WIED FOR 1951698. |
| DIECE OIL COOLER I WES PEPLACED WITH & | ERODUIP 303-8 HOSE, |
| NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics | - CONTRACTOR |
| s laise entries in this book is a violation of the Civil Aeronautics | Act of 1990, pullishanic by office activity. |

| Date R. P. M. | | | Ground Ti | me Min. | Air Tir Hrs. | ne Min. | Total Time Hrs. Min. | | |
|--------------------|---|------------|-----------|---------------------|-----------------|-------------|-------------------------|--|--|
| Year 55 Ground Air | | | | | | | | | |
| 3 | 8 | | | TACH TIME | 879.1 | 1 HRS | | | |
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| | | TOTAL TIME | | book is a violation | | | | | |

| REMARKS | SIGNATURE |
|---|-------------------------|
| OVERHAULED LEFT MAGNETO S/N 890675 PIN | 10-51365-47 |
| REPLACED: DISTRIBUTOR BLOCK | |
| DISTRIBUTOR GEAR W/ BRUSH | And the second second |
| BREAKER POINT ASSY. | |
| IMPULSE CAM ASS'Y | |
| IMPULSE SPRING W/NEW. | |
| CLEAN MAINSHAFT SEAL. | |
| CLEANED & RELUBED BEARINGS. INSPECTED \$ | |
| 1837ED COIL ASS'Y AND CAPACITOR, ASSEMBLED | |
| BENDIX MAINTENANCE MANUAL DPERATIONAL | |
| TEST SATISFACTORY | Acolerses 1 A 336125561 |
| Blog | |
| EVERHAULED RT MAGNETO 3/N 415511 PIN 10-5 | 1365-47 |
| TEPLACED ALL PARTS AS AROVE FOR LEST | |
| TESTED POLITICAL CONDITAR | 2,21 |
| PER BENDIX MTCS. MANUAL. OPS. TEST SATISFACTORY. NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics | Roberty 1A 336125561 |

| 6 7 Er | Engine Serial | | | | | | ENGINE LOG | | | | | | | | | | | | | | | | | | | | | |
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REMANUFACTURED ZERO TIME ENGINE CERTIFICATE

This is to certify that the engine as described hereafter has been run-in and tested as prescribed by AVCO Lycoming Specifications and Federal Aviation Regulations. No further run-in after installation is required. All applicable Airworthiness Directives and factory Bulletins complied with at time of remanufacture.

| Model 0-540-A1C5 | Serial NoL-8093-40 |
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| Date Shipped | June 14, 19 71 |
| Authorized representative | Vin Herm |
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LYCOMING DIVISION - WILLIAMSPORT, PA. 17701

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NOTICE: Walting false entries to the last

Instructions for the Use of Log Book

 This log must always accompany the engine to which it refers.

No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.

 Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.

 On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.

Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that pur-

pose in the back of this book.

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CAA-18-1 Repair and Alteration forms listed on last page.
 This log book shall be available and produced, on demand of anyone so authorized.

| | ENGINE LOG | N 53777 |
|---------------------------|---|----------------------------|
| MANUFACTURER Name Address | Gelesmaport & | endy. |
| Model 9-540-AIA5 | 7e=295 н. р дбо | Serial No. 238-40 |
| Stroke | Manifold Pressure Norm | al |
| R.P.M. Normal | B.H.P. \{ \begin{align*} Normal \\ Maximum \\ \ Rotati \end{align*} | n |
| Gear Reduction Ratio | o. Deriest Rotati | on of Propeller Charlestan |
| Certified Correct | Date | |
| OWNER Address . | •••••• | |

NOTICE:-Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.