433-7118

AM Robinson 438-4506 e.





ENGINE

AND PROPELLER LOG

N 759BZ SERIAL NO. 465900

| | ENGINE DESCRIPTION | | 100 |
|----------------------------|-----------------------|----------------|------------|
| Migr. Continental | Place | | ate |
| Type Al-bappoid | Model 0-470-4 | Serial No. 465 | 900 |
| Rated H. P. 230 | Maximum H.P. 230 | Weight (Dry) | 12. |
| Rated R. P. M. 2400 | Maximum R. P. M. 2400 | Oil Pressure | |
| Bore | Stroke | Displacement | Cu. In. |
| Compression Ratio | Supercharger Ratio | Gear Ratio | |
| Blade Design 90 DCB-8 Blad | | | |
| 1 | | | |
| Maximum Hub H. P. | Maximum Blade H. P. | | |
| Pitch 2/ 15.00 | Diameter 82" | Length | |
| H1 29.40 | | | |
| | | | |
| Owner's Name | | | |
| Address | City | State | |

| DATE | DURA | TION | TOTAL | LATED | ENGINE LOG | | |
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| 12 | 7.10 | | | 12.13 | CYLINDER LEAK CK/80 | 074 376 | 37 |
| Darte O | 5-16- | 88 | Total | lime | 1128.5 172 568 66 | & CHANGED | 014 |
| I certify | that | this | ENG | IN | has been AND FILTER - SERL | JICED WITH 13 | - of |
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| nspecti | (Section 1) | | | Contract of the | d to be in an HOSE CLAMPS - CHEC | 125 | 4 4 1 |
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| DATE | DURATION | ACCUMULATE TOTAL TIME | ENGINE LOG | |
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| | on and was | determin | d to be in an SHELL OIL. CLEANED CAROCA | 1,77.00 |
| | | 1 | MAG THE SPARK PLUGS - CH | ECKED |
| | BERNAR | R C. PERGE | LUBED CONTROLS - TYGHTENED ROOM | |
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| | ADS Char | 1413 | Ough | Manual. Drained Oil & Inspected | -6/20 #6 760. | Sorviced |
| | 8-24- | 92 | / | W/10 At Acreshell 10100 & CFO 100 Filter | Washed & book | Macke |
| | | | | Ot Macked Timing & Cleared Goff Drained & Dleaned Fire! Samps & Screen | 3. I Contity | Let |
| Asia S | | | | This Engine was Inspected Ilala AN | ANNUAL Turpey | from Jan |
| | | | | Was Notes mined 10 De 2h per worthy | | 08/6 Z A |
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| -13-4 | 3 | | | | Capp air Fumos | 17.62 | NUMBE |
| ACH | 1449 | 4 | | | FILTER CHANGED REP | LACED OIL | |
| | | | 4 | | | | |
| | | | | | DUE ACAIN BY 9-94 CHATTERIN | S REDIGUED. | |
| | | | | | | | |
| 211 | | | | | | | |
| | | | | | PLUES CLEANED IN TIME CHEEK | ED. Spock | |
| | | | | - | =NGINE OF MANY GARDE | C RESTATED. | |
| - | | | | | | | |
| | - | | | | FUEL STRAINER CHECKED BATTE | | / |
| | | | | | ENGINE CUASHED GALLE | CHECKED. | |
| | | | | 00 | CNGINE WASHED. GROWND RUNUP | NORMAL | |
| | | | - | Dischiel . | engine) and deen inspected in accordance with a / 100 hr. | | |
| | - | - | | | and determined to be in airworthy condition. | | |
| | | - | | TE_ | 7-75-95 TACH 7999-9 | | |
| | - | | 1841 | GNED | Thalkowis | | |
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| 19 | | | HOURS | Ютнѕ | | | NUMBER |
| 8-16- | 94 | | 0 | | ENGINE MODEL 0-470-4 S/N 465 | 900 OVERHAVLED | |
| TACH | 1523 | . 0 | | No. | THE FOLLOWING PARTE WERE SENT | TO I'S AIRCRAFT | |
| TSMOI | -0 | - | | 20 | DALLAS, TEXAS FOR INSPECTION AND OUT | | |
| | | 5/3 | | 3.0 | CYLINDERS - CHROMED AND OVERHAULED, | ROCKER ALM | 4 4 |
| | 100 | 00 | 350 | 133 | ASSEMBLIES - REBUSHED AND REFACED, CO | | |
| | | - | -5. | 0 | REBUSARO AND LINE BONGO, CLANKSHAFT | ASSEMBLY - REBUIL | T (STO) |
| | 1 | A | 1 | 101 | CRANKEME SUMP GEAM, MISC STEEL AND | | |
| | | | | 15 | ZYGLO AND MARNAPLUX INSPECTED, STAD | | |
| | 100 | 338 | 3.16 | 100 | SEE YELDEN TARE FOR DETAILS. CAMSH | | |
| | | 1 | Asses | 21 | BY ALACAPT SPECIALITIES TULSA OKLAH | | |
| | | | dedi | | ENGINE REASSEMBLED IN ACCOMMANCE | WITH CONTINENT | ne |
| | | | | | OVERHALL MANUAL USING THE FOLLS | WING NEW PART | 5 0 |
| | | | | | CLANKSMART SEAL, MAIN BEARING AND THE | UST WASHERS, (STO) | |
| | | | | | CLANKSHAFT GEAR SCREWS, LIFTERS, | CAMSMAFT GEN | SCREWS |
| | | | | | KEY, PISTONS, PISTON PINS, RINGSET, | | |
| | | | | | INVER AND OUTER LOWE SPRINGS, U | | AKE |
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| DATE | DURATION | ACCUMULATED TOTAL TIME | ENGINE LOG | | LICENSE |
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| 19 | BOIGHTON | HOURS IOTHS | 19350000 | SIGNATURE | NUMBER |
| | | | VALUE SEALS, INTAKE VALUES, EXHAUST ROD NUTS, COTTER PINS, ROD BEARINGS (RELIEF SPRIAGE, ALTERATOR BELT, A BUSHINGS, MAG DRIVE BUSHINGS, EXH PLUGS, IGNITION HARMESS, ENGINE M GASKET SET. REPLACED POINTS AND C MAGS. MAGS, CARB, ALTERATOR, VAC P REINSTALLED. CALB AGAT AIR BOX SE WELDING FOR REPAIR. ENGINE SERV ACROSHPLL 100 SONT MINERAL OIL CHECKED NORMAL. USE MINERAL ALEM OIL FILTER. AND INDUCTION SEE PORTS HIST FOR NUMBERS. | TO), OIL PRESSUR LITEMATOR RUBBER AUST NUTS, SPOR OUNTS, OVERMAU ONDENSORS IN UMP, PROP GOVER NIT TO AIRCRAF ICEO WITH 12 9 GROUND PUN IN OIL FOR FIRST | E IK |
| | | | AP 450966/12 ROCKUBLL AN S | ENallywin | |

| 100 | NG | 0.1.7 | NI I | _ | | OG | |
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| 7.0 | NO | | V | | _ \ | \mathbf{U} | |

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| 19 | | HOURS | Ютнѕ | | [min] 28 Min] | NOMBER |
| 10-11-94 | |) E | | SPANE PLUES CLEANED, ADNITABLE CHECKE | S AND LUBSO. | |
| TACH | 1538.3 | | | COMPRESSION CHECKEN # 161 412 67 113 62 | | |
| TSNOW | 15:3 | | | STAND-24 WAS STITED IN ACCORDANCE WITH | 57c SA 2161NM | ¢ . |
| | | | | WORDST AND BALANCE DATA. GIGING IN | the All For | una . |
| | 33.40 | | 1/1/22 | tity that this (engine) has been inspected in accordance with a (100 hr.) | | |
| | | | ins | ection and determined to be in airworthy condition. E_18-11-94TACH_1538-3 ENERGY Walkerself | | |
| - | | 2 23 | A | Lackwell air Service In | | |

| | | | ENGINE LOG | | The State of the State of the |
|-------------------------|--|------------------------------------|--|--------------|-------------------------------|
| DATE D | DURATION | ACCUMULATED TOTAL TIME HOURS IOTHS | | SIGNATURE | NUMBER |
| 7-7-0 TYALM 1 | The same of the sa | | ACKWAY ATES | S Wallung | P |
| 10-30- TACH TSMOH | 1630-9 | | SPACE PLUG CLEANER AND GAPPED. TIME CONTROLS CHECKED AND LUBEDIEXHA REPLACED PUSH NOD SEALS ON # 6 C CHICKED # 1 72 +12 72 +12 72 +14 49 ENGINE WASHED AND GLOUND AUN UP REPLACED INDUSTRIAN FILTER (BA 810) | THE BE TO TO | 1/3~ |

| DATE | DURATION | ACCUMULATION TOTAL TIME | | | 1 |
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| 19 | | | HOURS TOTHS REPAIRS ADJUSTMENTS | | LICENSE |
| | | | DATE 10 30. 95 TACH 16 SIGNED AS P 1763318 | So: 9 | |
| 7~1 | -96 / | S1 | DRAINED AND RETILLS WT. ACTUSED ON FILT WHO RUN UP CHOCKED | ER, ENGLAR WASHED | ect bus |
| | | | HSS 1 | Act 480966172 Swallowing As the source | C ONC |

| DATE | DURATION | | TIME | REPAIRS ADJUSTMENTS SIGNATURE | LICENS |
|---------|------------|-------|-------|--|--------|
| 19 | | HOURS | IOTHS | | NOMBE |
| 11-05-9 | 2 | 1660 | 6 | ENCINE CONTROLS CHECKED & LUBED | |
| | | | - | EXHAUST & MUFFLER CHECKED SPACE | |
| | | | | PLUGS CHANGO IN SPECTED, GAPPED AS | |
| | | | | DEEDED & KOTATED TOP TO FORTOM. | + |
| | | | | HI COMPRESSION: - | |
| | | | | MAG TO ENGINE TIME ING CHECKED | |
| - | | - | | ENGINE WASHED GROVED RUNDE NORMAL | |
| - | | - | | PAD 96-12-04 PISPONS DUE AT NEXT | |
| - | | | - | ENGINE OVERHAUL OR CYLINDER REMOVAL | |
| | | AA. | | TNOSERED AIR FILTER REPLACED BASIOS-1 | |
| - | Albert But | 0.26 | 1 | Corner that this (approximate) nas been inspected in accordance with a (100 hr.) | |
| | | 100 | | Inspection and determined to be in airworthy condition. | |
| | | 1 | | DATE 11-05-96 TACH /660:6 | 10 (0) |
| | todo | 164 | | BIGNED of halpower | |
| | | | | ARR 1763318 | |

| DATE 19 | DURATIO | | ACCUMULATED TOTAL TIME HOURS IOTHS | REPAIRS ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|------------|---------|----|--|--|-------------------|-------------------|
| 3-21- | 97 | | | OIL ORALVED AND REFLUED WITH I/C | 75 AEROSHELL | |
| Vil | | | | 100 W. REPLACED OIL FILTER. ENGINE | WASHED AND | |
| TACH | 1701.0 | 2 | | GROSSO RUS UP CHECKED NORMAL. Del 45096 | 412 EWs Annin | |
| | | | | | AN SKEWILL INC. | |
| 10-2- | 97 | | | OIL DADINES AND REFIGER WITH 110 | 13 AGROSHULL | |
| MY | 170 | 3_ | 1 | 1000. REPLACES OIL FILTER. C/W | An 56-12-22 | |
| 75006 | 190. | | | CHECK OIL PHIER ADAMER FOR LEAKS. BIL CHAPES. AD 97-15-01 N/A. SPARK PLUCS CLEANED AND GAPPED AND LUBED. EXHAUST CHECKED-OIC. | REPLACES CYLL | euco ' |
| | | | | AND SENT TO J'S AIRCRAFT DAMAS) | EXAS TO LEFA | |
| | | | | NEW GASHOTS . # 1 70 HZ | 70 +3 79 +4 72 +1 | 73-46 |

| DATE | DURATION | TOTAL TIME | REPAIRS ADJUSTMENTS | SIGNATURE | NUMBE |
|------|----------|-------------|---|----------------------------------|-------|
| 19 | Bonsti | HOURS TOTHS | | A. 24 C. | |
| | | | AD 96-12-04 NA TO 04704. F | SNOING SNOING WEIGED NORTH | |
| _ | | | ARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF N | | |

| JRATION | ACCUMULATE TOTAL TIME HOURS IOTH | PEDAIDS AS WITH | Was Committee | |
|---------|--|---|--|--|
| | | 5 | SIGNATURE | LICENSE |
| 0 4 R | OTATED. | DARKAIUGS, MARTINIALOCLEVAL | 80 #3 7/80 #4 7/80 96-12-22 Check TIGHTENED A AK CHECK OK | #5 75/80 OK. |
| | | I certify that this ENGINE has been inspected in Acceptance with an (annual/190 hr) inspection and was defined to be in airworthy condition. Date: 10-21-98 Total Time: 10-21-98 Signed: 10-21-98 Ron Unrun I A #456299723 | 1 | |
| | | REMOVED ALL BOTTOM SPARK PLUGS AND CYLINDER BOROSCOPE FOR PREPURCHAS COMPRESSIONS ARE #1 7/80 #2 7/80 #37 | SE INSPECTION. CU THO HUGENO HY | TEO HUY |
| (0 5 | Chane Park Dial | Chanced 0.19 | CHERCES AND CAPPED AND REINSTALLED | CHANGED OIL FITTER ADDED ARE DEPOSATE TO PRO 2 180 3 180 4 180 19 180 180 180 180 180 180 180 180 180 180 |

| | | ENGINE LOG | | SIGNATURE | LICENSE |
|------------|---------------------------------|--|---|-------------|---------|
| ATE | TOTAL TIME HOURS IOTHS | REPAIRS ADJUSTMENTS | (Laura) | PANO AND | |
| | 17 82 | INSTALLED NEW OIL FILTER | - RETURNED | 291 | |
| | 259 | SELER. SLON DAP | LA 464024 | BEEN IAU | LORTHY |
| short | 0.85 | I CERTIFY THAT THIS THE | ANO WAS | A 464024291 | 7 |
| | | AT THIS TIME. SAS | J)\-\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 1. | |
| | | A DODOVED - | | | |
| - /F | AA/P | MA APPROVED | | N. | |
| | MAGNETO WAS | MANUFACTURED THORITY OF MMF3220 ATTOMS | | | |
| ACC AIR | OFIDMING THIS M | AGNETO IS FAMILIA FORMS 1-1058 AND FITTO | | | |
| - EN | R LASARIM MAGN TER MAGNETO M | ETOS SEE L'INTEREMENTAINE OF INSTALLAND DATE OF INS | | | - |
| AN | DATINOT | 6310 | | | |
| — MA | AGNETO SERIAL | NO. 00030803 4/12/00 | RD TO TOP OF N | EXT PAGE | |
| | ATE OF INSTALLA | TION 4/12/00 | | | |
| STR 250000 | | | | | |
| | | | | | |

| DATE | DUR) | | | URE | LICENSE |
|------|--|---|-----------------------------|-----|---------|
| | Air Impressions, Inc. | | | | |
| | 7929 Airport Rd. Waco, Texas 76708 CRS No. AK6R541N | Engine SMOH:_ Aircraft TT:_ Date:04 | 277.5 1801.1 /24/2000 | | |
| | | | | | |
| | TCM 0-470-V S/465900 | | | | |
| | On above referenced engine, installed new slick 6310 magnetos slick ignition harness. Performed oil and filter change. Engine oil and Champion filter. Engine ground run-up checked satisf return to service for maintenance performed. Pertinent detail 0646. | serviced with Aerosh actory. Engine is app | ell 100W roved for | | |
| | Ar Impressions, Inc. CRS# AK6R541N | | | | |

ENGINE LOG DATE LICENSE DURATI SNATURE NUMBER 19 AIR IMPRESSIONS, INC. DATE: 10/16/2000 TACH: 1841.7 7929 Airport Rd. SMOH: 318.1 Waco, Texas 76708 CRS No. AK6R541N TCM O-470-U S/N 465900 On above referenced engine, performed oil and filter change. Engine serviced with Aeroshell oil w100 and Champion filter. Installed missing cylinder hold down nut on #6 cylinder and re-torqued. Engine ground run-up checked satisfactory and is approved for return to service for maintenance performed. Pertinent details are on file under work order Impressions, Inc. CRS# AK6R541N

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS IOTHS | ENGINE LOG REPAIRS ADJUSTMENTS | SIGNATURE | LICENSE |
|------------|----------|--|--|-----------|---------|
| | | | Loghook closed 2-5-01 See Log #2 | | |
| | | | JA PROJED | | |
| | | | NO. AKERSAIN STATION OF THE PROPERTY OF THE PR | | |
| | | CARR | Y ACCUMULATED TOTAL TIME FORWARD TO TOP OF | | |

MEMORANDA

| Date | |
|----------|---|
| 2-12-90 | AD 79-05-09 Port Engines mil Dissure NIA by SN 4103 068975 |
| 2-29-80 | America AD. Sisted Feb 4 1980 (70.08-50) Elice MAGS NIA Les No- |
| 2-19-80 | 79-25-09 Instelled assna P/N1570102-22 Ground Steam Westers The |
| 80-06-05 | SLICK ELECTRO INC NIA BY SERIAL NO RM 507020025 DEPLACE |
| 82-20-01 | N/A by MrG (SLICK) |
| 1-6-82 | AD 82-27-102 McCANCEY PROP NIA BYHUBSN WHOJE ATP306289785 |
| 2-22-83 | AD 82-27-02 RI Ma CAULEY PROD NIA BY HUB TN CLESTER ATT 306284775 |
| 5-16-88 | AD 86-24-07 ENGINE CONTROL ROD ENDINSA 9W Delegram APILGERY |
| | U T |
| - | |
| - | |
| | |
| | |
| | |
| | |
| | |
| | |

Task 2823,5



ENGINE MAINTENANCE RECORDS

AIRCRAFT REGISTRATION NO. N 759BZ

ENGINE POSITION NA

ENGINE SERIAL NO. 465900



ENGINE MAINTENANCE RECORDS

LOG NO. 2

| AIRCRAFT REGISTRATION NO. <u>N759</u> | BZ |
|---|-------|
| ENGINE MANUFACTURER TCM MODEL 0-470-U SERIAL NO. 465900 | |
| TIME BETWEEN OVERHAULS (TBO) | Hours |
| IF USED ON MULTI-ENGINE AIRCRAFT: | |
| RIGHT LEFT | |



7929 Airport Rd. Waco, Texas 76708 CRS No. AK6R541N Engine TT: 1841.8
Engine SMOH: 319.8
Prop SMOH: 318.8
Hour Meter: 1841.8
Date: 02/07/2001

TCM 0-470-U S/N 465900

On above referenced engine, removed all cowling for 100 Hour/Annual Inspection. Cleaned spark plugs. Inspected points and checked magneto timing. Inspected plug harness and all engine electrical. Checked all engine controls for movement and attach points. Inspected intake and exhaust system, condition and integrity of all engine accessories. Inspected engine mounts, all baffles, and cowling. Inspected prop. spinner and bulkhead. Inspected all fuel, oil and hydraulic lines and fittings. Ran compressions and readings were: 1) 65/80, 2) 70/80, 3) 70/80, 4) 70/80, 5) 73/80, 6) 65/80. Installed new baffle seals. Cleaned and painted crankcase vent line. Installed air conditioner compressor and mount assembly. I/A/W DER approval dated 01/18/2001. A.D.'s researched through bi-weekly 2001-02. Above work done in accordance with TCM and Cessna Service Manuals and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service. Pertinent details are on file under work order #0764.

Af Impressions, Inc. CRS# AK6R541N

| AIR IMPRESSIONS, INC. | | |
|---|--|--|
| 7929 Airport Rd. Waco, Texas 76708 CRS No. AK6R541N | I certify this Engine has been inspected in accordance with a 100 HR. Inspection and has been determined to be in an airworthy condition. DATE 02/07/2001 TACH 1841.8 ENGINE SMOH 318.8 ENGINE TT 1841.8 SIGNED Howlf AIR IMPRESSIONS, INC REPAIR STATION # AK6R541N | |
| | | |
| | TALS THIS PAGE | |

| | | | Page No |
|------|------------------------------------|---------------------------------------|---|
| DATE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE No. OF PERSON PERFORMING WORK |
| | | | AURORA AVIATION, INC. 355 McGregor Airport Rd. |



McGregor, TX 76657 (254) 848-4915 Fax (254) 848-5437

2 July 2001

S/N: 182Q65875

Tach Time: 1863.2

N759BZ

CRS # U9RR733J

tomes W. Holen

Completed engine oil and filter change. New CH48110 oil filter installed, and added 12 quarts of Aeroshell 100W oil. All leak and operational checks were satisfactory.

This aircraft is approved for return to service on the maintenance performed.

James W. Nolen A&P 366723452

| 1 | AIR IMPRESSIONS, INC. | | | |
|---|--|--|---|--|
| | 7929 Airport Rd. | | Date: 08/30/2001 | |
| | Waco, Texas 76708 | | Tach: 1866.9 | |
| + | CRS No. AK6R541N | Cessna 182Q S/N 18265875 N759BZ | | |
| - | On above referenced air checked satisfactory and details are on file under w | craft, installed new air conditioner drive belt. is approved for return to service for maintenance ork order 0764. | Aircraft ground run-up e performed. Pertinent | |
| | | | | |
| + | | | | |

PAGE NO. DATE TOTAL TACH OR TIME RECORDING DESCRIPTION OF WORK PERFORMED -SINCE METER SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK OVERHAUL TIME 355 McGregor Airport Road McGregor, Texas 76657 PHONE: (254) 848-4915 Aurora Aviation. Inc. FAX: (254) 848-5437 CRS # U9RR733J 11-30-01 S/N: 18265875 Tach time: 1891.0 N759BZ Installed a Shadin Microflo L fuel flow indicator, p/n 912041T-38-D s/n 2140, and a fuel flow transducer, p/n 680503X s/n 111166, by authority of Shadin Company, Inc. STC SA964GL and in accordance with Shadin report number 4091. For work performed this aircraft is approved for return to service. Details on file under work order number 01-1054. CRS# U9RR733J 355 McGregor Airport Road McGregor, Texas 76657 PHONE: (254) 848-4915 FAX: (254) 848-5437 CRS# U9RR733J TSMOH: 404.8 Hours Tach Time: 1926.8 Hours N759BZ S/N 465900 1 March 2002 Performed an Annual Inspection as required by FAR 91.409 and in accordance with FAR 43 Appendix D. Checked compression, readings are as follows: 1) 68/80 2) 74/80 3) 76/80 4) 75/80 5) 72/80 6) 69/80. Changed oil and oil filter with Champion CH48110 Filter and 12 quarts of Aeroshell W100. Replaced all spark plugs with Champion RHB32E. Adjusted fuel mixture. Secured various lines with tie wraps. Installed rubber nipple on oil temp bulb. Tightened and saftied EGT clamp. Pressure checked intake and exhaust system, including muffler. Installed new screws in muffler shroud. Inspected magnetos for wear and function. Timed magnetos to engine. Complied with AD 86-24-07, Engine Control's Castlenuts, by inspection. Complied with AD 96-12-22, Oil Filter Adapter, by inspection. Complied with AD 97-01-13, Hoses, by inspection. Engine leal check, all operational checks and power run up good. I certify this engine was inspected in accordance with an Annual Inspection and was found in an airworthy condition. Details on file under Shop Order Number 02-1076. Lance Nelson CRS #U9RR733J SUB-TOTALS THIS PAGE

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| DATE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
| | V Ball | | ENGINE WARMED, OIL DRAINED, SPEEN CHECKED |
| 6/14 | RSA L | 1962.6 | CLEAN, FILTER REMOVED & INSPECTED CLEAN |
| 555 | 02 JA | pulsals. | AMPTER INSPECTED HALW AD 96.12.22 NO |
| | | LIDH 8 | DEFECTS NOTED. INSTALLED NEW CHARITO |
| | A LES | Land and | FILTER & SERVICED ENGINE W/11 QTS AREQ |
| | ENT E | | SHELL W 100. NO LEAKS NOTED @ RUN-CH |
| | 3303 | 3403 + | CEROSES AST ZTIGODIALISA |
| L. L.Y. | S Marin | S Eyes | E statistical sections |
| 9/23 | 467,5 | 1989.5 | WARMED ENGINE, QUE DRAINED - SAMPLE |
| 14.5 | | | DESIGN, SCREEN & FILTER CHECKED, NO META |
| 94 | | | NOTED. OIL FILTER AMPTER INSPECTED IJAJW AL |
| | | | 96-12-22 NO DEFECTS NOTED. INSTALLED |
| | | e troug | NEW CHABITO FILTER, SERVICED ENGINE |
| | | A . | W/ 12 QTS AEROSHELL W 100. ENGINE OPS |
| | | | CHECKED SATISFACTORY WIND FLUID LEAKS |
| | y Talyin | M M. | MOTED TOROBERS ASP ZTIERDAN IN |
| .45 | Dia mi | Therette. | |
| - | 8 4 | 1 | 355 McCpecop Amport Pour |



355 McGregor Airport Road McGregor, Texas 76657 Phone: (254) 848-4915

FAX: (254) 848-5437 CRS #U9RR733.I

3-21-03

S/N: 465900

TSMOH: 487.9

Tach: 2010.9

N759BZ

Performed an annual inspection as required by FAR 91.409 in accordance with FAR 43 appendix D. Compression results are as follows: #1 70/80, #2 71/80, #3 72/80, #4 76/80, #5 64/80 & #6 66/80. Cleaned, inspected, gapped & tested all spark plugs. Checked the magneto to engine timing. Cleaned the carburetor fuel inlet screen. Replaced several induction coupling clamps. Pressure tested the exhaust system, no leaks noted. Complied with AD 96-12-22 by inspection of the oil filter adaptor, due at each filter replacement. No oil or filter change was performed at this time. All operational checks and power run-up good.

I certify this engine was inspected in accordance with an annual inspection and was found in an airworthy condition. Details on file under work order number 03-1513.

Michael Moore
CRS#U9RR733J

| ALESTONES IN | 1015-1 |
|--------------|--------|
| PAGE | No. |

| | | | PAGE No |
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| DATE 3003 | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
| | DO IS | au di | WARMED ENGINE, DRAINED BIL, SAMPLE DRAWN. |
| 4/9 | 496,4 | 2018.4 | CHECKED SCREEN & FILTER- NO METAL NOTED. |
| 13 | J- 37 | LL BELL | VISIALLY INSPECTED ADAPTER 1/0/W AD 96-12-22 |
| | COSA | n Wan | NO DEFECTS NOTED. INSTALLED NEW CHABITO OIL |
| 1 | 4.276 | Wiley J | FILTER AND ADDED IZ OTS DEROSHEU W 100. |
| M. | May 5 | BIGIN | VISIALLY INSPECTED ENGINE, CORRECTED THE |
| | | TAXABLE TV | FOLLOWING ENSCREPANCIES - # 6 CYL LINE PLIE |
| | | | WIRE LOOSE; TIGHTENED - # 5 CYL INDUCTION |
| | BRUA | 7 - 634 | TUBE CLAMP LOOSE; TIGHTENED - RIH ENGINE |
| 9.15 | right | DISCO | MOUNT TUBE HEAT SHIELD LOOKE - TIGHTENED |
| | hiệt siy | 23 6214 | CLAMPS. POST RUN SATISFACTORY W/ NO FULID |
| | | W. Or | LEAKS NOTED () |
| | | ABU IS | thomas Etcoputs |
| 29 | | ico. so | ASP TH600441 D |
| 75.1 | | To State | The particular of 37 states from the contract of the contract |
| 6/2 | 535.0 | 2057.0 | WARMED ENGINE, DRAINED OIL- SAMPLE BRANN |
| | | | CHECKED FILTER & SCREEN - NO METAL NOTED. |
| | LAUL | | OIL FILTER ADAPTER INSPECTED USUALLY I/A/W |
| | | | AD 96.12.22 NO DEPERTS NOTED, INSTALLED NEW |
| | | | CH48110 FILTER & SERVICED ENGINE W/ 12 OTS |
| | | | AEROSHEYL W 100. NO LEAKS NOTED & GROUND |
| | | | RUN Kayas Edouts |
| | | | AP 271600441 FA |
| | | | |
| | | | |
| | | | |
| | | | SUB-TOTALS THIS PAGE |
| | | - 100 | TOTALS - CARRY FORWARD TO NEXT PAGE |

PAGE NO.

| | | | _ | Page No |
|----|--------------|------------------------------------|---------------------------------------|---|
| | DATE 2003 | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
| | | AT THE SAME | 2087,8 | WARMED ENGINE, DRAINED OIL - SAMPLE DRAWN |
| 1 | 8/5 | Vely | Grand L | FILTER CHECCED CLEAN. OIL FLITER ADAPTER INSPECT. |
| L | | W 51 /0 | Shace | ED HAIN AD 96-12-32 NO DEFECTS NOTED, INSTALLED |
| L | | 20, 1,3 | SSI MIT | NEW CHASILO DIL FILTER & ADDED 12 GTS AERO- |
| | - 36 | 2 34 321 | 112 MIS | SITELL IN 100 OIL. REPLACED # 6 CYL INITAKE |
| | | | | GASKET DUE TO LEAKAGE USING PIN 536413, NO |
| | | | chost | CEAKS NOTED & GROWND RUN |
| | | | | HATMOS COOLS ASPETIGODALISA |
| 5/ | 7/04 | 2117.6 | 2117.6 | COMPLETED 100 HR (ANNUAL) INSPECTION 1/A/W FAR |
| | | SMOH | 595.6 | 43-D AND TOM CHECKLIST. ENGINE WARMED, OIL |
| _ | - | | | DRAINED - SAMPLE DRAWN. FILTER REMOVED AND |
| _ | _ | | | INSPECTED - NO METAL NOTED. FUEL SCREENS CHECKED |
| | - | | | CLEAN. IGNITION TIMING CHECKED WITHIN UMITS. |
| | - | | | PLUGS CLEANED, GAPPED, TESTED, ROTATED, & IN- |
| _ | - | | | STALLED LISING NEW GASKETS. FOUND AIR BOX |
| - | - | | | LOOSE, RETORQUED / SAFETIED AS REGD ENGINE |
| | - 3 | Yahla | 4914 | DEGREASED AND SUSTEMS INSPECTED AND FOUND |
| | - | CME | DESTAIN. | TO BE SATISFACTORY, CIW AD 96-17-22 INSTALLED |
| | | ah jak | | NEW CHASHO FILTER & SERVICED ENGINE W/ 12 013 |
| | | 30 B | unCau. | AEROSHELL W 100. POST RUN SATISFACTORY W NO |
| - | | | mirve L | FLUID CEAKS NOTED. ADS CHECKED THELL ISSUE ZOOM |
| 1 | 7 | 1000 | The all | 09 SEE LISTING, I CERTIFY THAT THIS ENGINE |
| - | - | | | HAS BEEN INSPECTED 1/A/W A 100 HC INSPECTION AND |
| | | A STATE | 2,000(4) | WAS DETERMINED TO BE IN AIRWORTHY CONDITION |
| | + | | | THEMES EXOBORS ARP THEOGRAFITA |
| | 1 | | | SUB-TOTALS THIS PAGE |
| | - | | | TOTALS - CARRY FORWARD TO NEXT PAGE |
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| DATE 2004 | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE No. OF PERSON PERFORMING WORK |
| | . And is | 2183.3 | WORMED ENGINE, DRAINED OIL - SAMPLE DRAINN- |
| 9/14 | | ART SEE | FILTER RAND CHECKED CLEAN. INSTALLED NEW |
| 1 | | | CHABITO FILTER & SERVICED ENGINE W/13 QTS |
| | | | ALS WIDD ENGINE VISUALLY INSPECTED - NO |
| | EN COL | 00.0 | DEFECTS NOTED GROUND RUN SATISFACTORY |
| 0. | 510.43 | During ton | W) NO LEAKS (NOTED) |
| | | | Trans Follows |
| R | Labura 9 | en STANT | AP 271600441 IA |
| 1.00 | WELL: Aircraft.In Removed The check OK. uthorized Signat | Dil Cooler And Co | pooler Adapter, Cleaned Mounting Surfaces And Reinstalled Using New Gaskets; Leak |
| 11/24 | h 76. | 7220.3 | WARMED ENGINE, DRAINED OIL - SAMPLE |
| | n Hiji ka | 55-51-46 | DRAWN RMVD + INSPECTED FILTER- NO DEBELS |
| | 164 - | -103 713 | NOTED FILTER AND FER INSPECTED 1/2/W AD 96 |
| | | ET 257.43 | 12-22 NO DEFECTS NOTED. INSTALLED NEW |
| | - NEX | Section 1 | PHABIO FITTER & SERVICED ENGINE W/ 13 QIZ |
| | ALEX V | E TUE | AEROSHELL W 100. PEXT RUN SATISFACTORY W |
| 7 | | | The state of the s |
| (is | iotina | Mar South | NO FLUID LEAKS NOTED. |

Totals - Carry Forward to NEXT PAGE

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| ATE | TOTAL | TACH OR | |
| | TIME | RECORDING | DESCRIPTION OF WORK PERFORMED - |
| 200 | SINCE | METER | SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
| 95 | OVERHAUL | TIME | |
| | Stale La | 2260.6 | MARKET STEEL |
| 100 | nn0 1 | TTO | a descina lune viscost |
| 28 | 738.6 | 2260.6 | Kemorea engine grown aucquis |
| | - 1 | | Merchal Latala |
| | TRO A | | 110 march 100 |
| | Sipsi) | THE CASE | H9P 3030583 |
| | 203 | 14 000 | Latter and Later Control of Control of Control |
| | - | 1 CN 1 | and resources of united labels from |
| | | | |
| | DATE: 07 | /10/06 TACH: 2 | 260.4 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2260.4 |
| | | | EL: 1O-470-F S/N: 465900 TOTAL TIME: 738.4 TSMOH: 0.0 |
| _ | | The state of the s | ER MODEL: BHC-G2YF-1BF S/N: JH1348 TSOH: 0.0 |
| | | | AND MEASURE DESCRIPTION DIRECTIONS TO SHARE |
| - | Installed C | hallenger air filt | er kit. (see form 337) Removed and reinstalled engine after overhaul |
| | | | an Aero. (see form 337) |
| | | | where we distributed of the profile memory were hullown. Rameron |
| - | | | s been inspected in accordance with an annual inspection and was |
| | determined | to be in airwor | thy condition. |
| - | | | Exhit centum, upon form 10.11 frunched new wrights HID famou (see |
| | | | significate and purpose. Reserved violation from the medical over them in the |
| | | | MAINTENANCE, INC. Gerald L. Gates A&P 3030583 IA |
| (3) | | FSTREAM CT. | W. O. W. S. |
| | 970-461-99 | D, CO 80538 | 1 Male Marie |
| - | 970-401-9 | 333 | und dengerusyald inspection - GAV-Alexaet Belt Intel cope, by which |
| | - | CONTRACTOR | THE BLOOM CO. DESCRIPTION OF ARREST PROPERTY. CAN STREET IN. 1 |
| | DATE: 07 | IOZIOC TACIL. | 2270 4 N. 750D7 MODEL - 4000 ONL 40005075 TOTAL TIME: 0070 4 |
| | | | 2270.4 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2270.4 |
| | | | L: IO-470-F S/N: 465900 TOTAL TIME: 738.4 TSMOH: 10.0 LER MODEL: BHC-G2YF-1BF S/N: JH1348 TT: 10.0 |
| _ | | PROPEL | LER WODEL: BHC-G217-1BF 3/N: 3H1340 11: 10.0 |
| | Bench test | ed prop govern | or. Changed oil and filter, serviced with 11 qts Aeroshell 100 mineral |
| _ | | | I found. Washed down. Run up satisfactory. |
| | | | - |
| | BOB GAT | ES AIRCRAFT | MAINTENANCE, INC. // Gerald L. Gates A&P 3030583 IA |
| | 5235 GUL | FSTREAM CT. | - 01 12 00 2 |
| | LOVELAN | D, CO 80538 | Tarage XTaller |
| - | 970-461-9 | 999 | 2000000000 |
| | | | |
| | DATE: 08/1 | 15/06 TACH: 22 | 88.8 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2288.8 —— |
| | | | : IO-470-F S/N: 465900 TOTAL TIME: 756.8 TSMOH: 28.4 |
| | | | ER MODEL: BHC-G2YF-1BF S/N: JH1348 TT: 28.4 |
| | | | |
| - (| Changed oil | and filter, servi | ced with 12 qts Aeroshell 100 mineral oil and 2 cans Avblend. |
| | | | d. Washed down. Run up satisfactory. |

BOB GATES AIRCRAFT MAINTENANCE, INC. 5235 GULFSTREAM CT. LOVELAND, CO 80538 970-461-9999 Jason Frederick A&P 520767337

| ATE | DATE: 40/00/00 TAGU 0000 0 W THE TAGU | | | | | | |
|-----|--|--|--|--|--|--|--|
| | DATE: 10/02/06 TACH: 2306.0 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2306.0 ENGINE MODEL: IO-470-F S/N: 465900 TOTAL TIME: 774.0 TSMOH: 45.6 PROPELLER MODEL: BHC-G2YF-1BF S/N: JH1348 TT: 45.6 | | | | | | |
| | | | | | | | |
| | Changed oil and filter, serviced with 12 qts Aeroshell 15W50 oil and 2 cans Avblend. Opened filter, no metal found. Washed down. Run up satisfactory. | | | | | | |
| | BOB GATES AIRCRAFT MAINTENANCE, INC. Mark D. Bushong A&P 2689010 5235 GULFSTREAM CT. | | | | | | |
| | LOVELAND, CO 80538 | | | | | | |
| | 970-461-9999 | | | | | | |
| | | | | | | | |
| | DATE: 03/14/07 TACH: 2340.9 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2340.9 ENGINE MODEL: 10-470-F S/N: 465900 TOTAL TIME: 808.9 TSMOH: 80.5 | | | | | | |
| | PROPELLER MODEL: BHC-G2YF-1BF S/N: JH1348 TT: 80.5 | | | | | | |
| | Changed oil and filter, serviced with 11 qts Aeroshell 15W50 oil and 2 cans Avblend. Opened | | | | | | |
| | filter, no metal found. Compression check: all compressions 75 or above. Washed down. Run up satisfactory, no leaks found. | | | | | | |
| | BOB GATES AIRCRAFT MAINTENANCE, INC. Paul D. Voorhees A&P 522377662 | | | | | | |
| | 5235 GULF STREAM CT. LOVELAND, CO 80538 Paul D. Horches | | | | | | |
| _ | 970-461-9999 | | | | | | |
| | | | | | | | |
| | DATE: 08/03/07 TACH: 2353.3 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2353.3 ENGINE MODEL: IO-470-F S/N: 465900 TOTAL TIME: 831.3 TSMOH: 92.9 PROPELLER MODEL: BHC-G2YF-1BF S/N: JH1348 TSOH: 92.9 Completed annual inspection this date IAW FAR 43 App. D and checklist. C/W AD96-12-22 by torque verification of oil filter adapter nut, next due at 2403.3 tach time. Compression checks as follows; #1 76/80, #2 71/80, #3 73/80, #4 74/80, #5 75/80, and #6 70/80. Changed oil and filter. Sample taken. Serviced with 11 qts Aeroshell 100+ oil and 2 cans Avblend. Opened filter, no metal found. Washed down. Run up satisfactory, no leaks found. Researched AD's through 2007-15. | | | | | | |
| | I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. | | | | | | |
| | BOB GATES AIRCRAFT MAINTENANCE, INC. Gerald L. Gates A&P 3030583 IA 5235 GULF STREAM CT. | | | | | | |
| | LOVELAND, CO 80538 970-461-9999 | | | | | | |
| | | | | | | | |
| | Sup Terms a result of the superior of the supe | | | | | | |
| | SUB-TOTALS THIS PAGE | | | | | | |
| | | | | | | | |

DATE

DATE: 09/17/08 TACH: 2355.1 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2355.1 ENGINE MODEL: IO-470-F S/N: 465900 TOTAL TIME: 833.1 TSMOH: 94.7 PROPELLER MODEL: BHC-G2YF-1BF S/N: JH1348 TSOH: 94.7

Completed **annual** inspection this date IAW FAR 43 App. D and checklist. C/W **AD96-12-22** by visual and physical inspection of oil filter adapter IAW para (b), next due at oil filter change. Compression checks as follows; #1 74/80, #2 74/80, #3 72/80, #4 78/80, #5 76/80, and #6 74/80. Changed oil and filter. Serviced with 10 qts Aeroshell 15w50 oil. Opened filter, no metal found. Washed down. Run up satisfactory, no leaks found. Researched AD's through 2008-17.

I certify that this **engine** has been inspected in accordance with an **annual** inspection and was determined to be in airworthy condition.

BOB GATES AIRCRAFT MAINTENANCE, INC. 5235 GULF STREAM CT. LOVELAND, CO 80538 970-461-9999 Mark D. Bushong A&P 2689010IA

DATE: 08/17/09 TACH: 2356.7 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2356.7 ENGINE MODEL: 10-470-F S/N: 465900 TOTAL TIME: 834.7 TSMOH: 96.3 PROPELLER MODEL: BHC-G2YF-1BF S/N: JH1348 TSOH: 96.3

Completed **annual** inspection this date IAW FAR 43 App. D and checklist. C/W **AD 96-12-22** by visual and physical inspection of oil filter adapter IAW para (b), next due at oil filter change. Compression checks as follows; #1 76/80, #2 76/80, #3 78/80, #4 72/80, #5 76/80, and #6 72/80. Changed oil and filter. Serviced with 10 qts Aeroshell 15w50 oil. Opened filter, no metal found. Washed down. Run up satisfactory, no leaks found. Researched AD's through 2009-10.

I certify that this **engine** has been inspected in accordance with an **annual** inspection and was determined to be in airworthy condition.

BOB GATES AIRCRAFT MAINTENANCE, INC. 5235 GULF STREAM CT. LOVELAND, CO 80538 970-461-9999

Mark D Bushong A&P 2689010IA

DATE: 06/01/10 TACH: 2376.9 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2376.9 ENGINE MODEL: IO-470-F S/N: 465900 TOTAL TIME: 844.9 TSMOH: 116.5 PROPELLER MODEL: BHC-G2YF-1BF S/N: JH1348 TT: 116.5

Changed oil and filter, serviced with 10 qts Aeroshell w100+ oil and 2 cans Avblend. Opened filter, no metal found. Removed air filter, cleaned, oiled and reinstalled. Washed down. Run up satisfactory, no leaks found. Removed prop governor, sent for overhaul and reinstalled after overhaul by Redline Aviation (see form 8130-3).

GATES AVIATION, INC. 5235 GULF STREAM CT. LOVELAND, CO 80538 970-461-9999

Gerald L. Gates A&P 3030583

mer remaitings mentelation consideration. In all cases, absent ensistements records ment consider an intraliar modifier faction the absence casy by three.

in and provided digitals and excitate extensions

Gerald L. Gates A&P 3030583

| | | | PAGE NO |
|----|--|--|--|
| TE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED . SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
| | DATE: 07 | 7/01/10 TACH: ENGINE MOD | : 2390.8 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2390.8 EL: IO-470-F S/N: 465900 TOTAL TIME: 858.8 TSMOH: 130.4 LLER MODEL: BHC-G2YF-1BF S/N: JH1348 TT: 130.4 |
| - | Replaced | oil quick drain. | |
| _ | Replaced oil quick drain. GATES AVIATION, INC. 5235 GULF STREAM CT. | | T. 1 P 1 - |
| | 970-461-9 | ID, CO 80538 999 | gp file |
| _ | • | 1 | • |
| | Completed | ENGINE MC | 2392.1 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2392.1 DEL: IO-470-F S/N: 465900 TOTAL TIME: 870.1 TSMOH: 131.7 ction this date IAW FAR 43 App. D and checklist. C/W AD 96-12-22 by visual |
| | checks as filter. Sen washed do I certify the determine BOB GAT 5235 GUL | follows; #1 74 viced with 10 qt own. Run up sa at this engine d to be in airw TES AIRCRAF F STREAM C ND, CO 80538 | of oil filter adapter IAW para (b), next due at oil filter change. Compression 4/80, #2 70/80, #3 78/80, #4 76/80, #5 76/80, and #6 76/80. Changed oil and its Aeroshell 15w50 oil. Opened filter, no metal found, replaced crankshaft seal, atisfactory, no leaks found. Researched AD's through 2010-16. The Maintenance, INC. Gerard: Gates 48 7 30305831A T. Gerard: Gates 48 7 30305831A |
| | checks as filter. Sen washed do I certify the determine BOB GAT 5235 GULLOVELAN | follows; #1 74 viced with 10 qt own. Run up sa at this engine d to be in airw TES AIRCRAF F STREAM C ND, CO 80538 | of oil filter adapter IAW para (b), next due at oil filter change. Compression 4/80, #2 70/80, #3 78/80, #4 76/80, #5 76/80, and #6 76/80. Changed oil and its Aeroshell 15w50 oil. Opened filter, no metal found, replaced crankshaft seal, atisfactory, no leaks found. Researched AD's through 2010-16. This been inspected in accordance with an annual inspection and was orthy condition. This maintenance, INC. Gerard: Gates 48 9 30305831A T. |
| | checks as filter. Sen washed do I certify the determine BOB GAT 5235 GUL LOVELAN 970-461-5 | follows; #1 74 viced with 10 que bwn. Run up sa at this engine d to be in airw ES AIRCRAF F STREAM C ND, CO 80538 | of oil filter adapter IAW para (b), next due at oil filter change. Compression 4/80, #2 70/80, #3 78/80, #4 76/80, #5 76/80, and #6 76/80. Changed oil and its Aeroshell 15w50 oil. Opened filter, no metal found, replaced crankshaft seal, atisfactory, no leaks found. Researched AD's through 2010-16. The Maintenance, INC. Gerard: Gates 48 7 30305831A T. Gerard: Gates 48 7 30305831A |
| | checks as filter. Sen washed do I certify the determine BOB GAT 5235 GUL LOVELAN 970-461-5 | follows; #1 74 viced with 10 query form. Run up sa at this engine of to be in airwork. TES AIRCRAF F STREAM CND, CO 80538 999 1 /05/11 TACH: d all hardware 1-48110-2 oil formations. | of oil filter adapter IAW para (b), next due at oil filter change. Compression 4/80, #2 70/80, #3 78/80, #4 76/80, #5 76/80, and #6 76/80. Changed oil and its Aeroshell 15w50 oil. Opened filter, no metal found, replaced crankshaft seal, atisfactory, no leaks found. Researched AD's through 2010-16. Thairmance, INC. Gerard: Gates 48 7 30385831A T. LOG BOOK ENTRY |

| TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK F | | FORMING WORK |
|--|---|--|--|---|
| | 10-28-2011 VE: TCM IO-47 | N: N 759BZ 70F S/N: 46590 | | TACH: 2451.7 TSMOH: 191.30 |
| App.D. #3 75/ to engine and right top #4 atravel. Check athrough satisfact | and checklist. 180, #4 76/80, ne timing. Clear the trear inner cyl. & #2 cylinders. Secure prop corand lubricate en B/W 2011-19 ctory. | #5 76 /80, #6 76/80. Clean and inspect fuel injection r linder baffles. Remove and r Repair front baffle and repl atrol cable in support bracket | e oil filter. Compression, gap, and rotate spark prozeles. Install new innoverless crankshaft seal. ace baffle seal. Secure at and replace rod end be with 10 qts 15W50 Aine and cowling. Engin | on checks: #1 78/80, #2 68/80, blugs. Check and set magneto er cylinder baffle support on left Replace ignition lead spring on throttle control and set throttle olt. Clean air filter element. eroshell oil. AD's researched le run up checks were |
| determ | ined to be in an | Airworthy Condition. | Professio | nal Aircraft Services art Rd, Loveland, CO 80538 |
| | 1 | | | m.cu. 2516.7 |
| | : 10-23-2012 NE: TCM IO-4 | N: N 759BZ 70F S/N: 46590 | | TACH: 2516.7 TSMOH: 256.3 |
| Comple App.D. #3 77, to enginadapter control | ne: TCM IO-4' ete Annual insp. and checklist. /80, #4 76/80, ne timing. Clear nut, safety and | ection. All engine controls Drain oil. Check and chang #5 77 /80, #6 76/80. Clean and inspect fuel injection of apply torque putty to comp | and systems inspected to oil filter. Compression, gap, and rotate spark nozzles. Clean air filter bly with AD 96-12-22. Ohell oil. AD's researche | in accordance with FAR 43 on checks: #1 76/80, #2 70 /80, plugs. Check and set magneto element. Retorque oil filter Check and lubricate engine ed through B/W 2012-20 for |
| Comple App.D. #3 77. to enginadapter control applica | ne: TCM IO-4' ete Annual insp and checklist. /80, #4 76/80, ne timing. Clear nut, safety and s. Refill sump ability. Wash en | ection. All engine controls Drain oil. Check and chang #5 77 /80, #6 76/80. Clean and inspect fuel injection apply torque putty to comp with 10 qts 15W50 Aerosi | and systems inspected to oil filter. Compression, gap, and rotate spark nozzles. Clean air filter by with AD 96-12-22. Whell oil. AD's researcheun up checks were satisfant. | in accordance with FAR 43 on checks: #1 76/80, #2 70 /80, plugs. Check and set magneto element. Retorque oil filter Check and lubricate engine ed through B/W 2012-20 for afactory. |
| Comple App.D. #3 77. to enginadapter control applica I certifideterm | tee Annual insp. and checklist. /80, #4 76/80, ne timing. Clear nut, safety and s. Refill sump. ability. Wash en y that this ENG ined to be in an | ection. All engine controls Drain oil. Check and chang #5 77 /80, #6 76/80. Clean n and inspect fuel injection of apply torque putty to comp with 10 qts 15W50 Aeros gine and cowling. Engine r | and systems inspected to oil filter. Compression, gap, and rotate spark nozzles. Clean air filter oly with AD 96-12-22. Ohell oil. AD's researche un up checks were satisfaccordance with an AN Professio | in accordance with FAR 43 on checks: #1 76/80, #2 70 /80, plugs. Check and set magneto element. Retorque oil filter Check and lubricate engine ed through B/W 2012-20 for afactory. NUAL inspection and was nal Aircraft Services eart Rd, Loveland, CO 80538 |
| Comple App.D. #3 77. to enginadapter control applica I certifideterm Larry I | tee Annual insp. and checklist. /80, #4 76/80, ne timing. Clear nut, safety and s. Refill sump. ability. Wash en y that this ENG ined to be in an | ection. All engine controls Drain oil. Check and chang #5 77 /80, #6 76/80. Clean and inspect fuel injection of apply torque putty to comp with 10 qts 15W50 Aerosigine and cowling. Engine resident in a Airworthy Condition. | and systems inspected to oil filter. Compression, gap, and rotate spark mozzles. Clean air filter oly with AD 96-12-22. The control of the co | in accordance with FAR 43 on checks: #1 76/80, #2 70 /80, plugs. Check and set magneto element. Retorque oil filter Check and lubricate engine ed through B/W 2012-20 for afactory. NUAL inspection and was nal Aircraft Services eart Rd, Loveland, CO 80538 |

| DATE: 04 02 2014 | N. M. George | |
|---|--|--|
| DATE: 04-02-2014 | N: N 759BZ | TACH: 2603.8 |
| Drain oil. Check and chan engine and cowling. Repa | ge oil filter. Refill sump with le iir broken manifold pressure line | o qt. Aeroshell 15W50 oil. Wash off rear of Run up checks satisfactory. |
| Larry Hallock A&P 2239535 | S/W | Professional Aircraft Services 4824 Earhart Rd, Loveland, CO 80538 970-679-4633 |
| | | |
| DATE: 11-04-2014 | N: N 759BZ | TACH: 2635.6 |
| inspection of oil filter adapt | er & nut safety Refill sump wit | cted. Comply with AD 96-12-22 by h 10 quarts of Aeroshell 15W50 oil. Remove Run up and leak checks satisfactory. |
| Larry Hallock A&P 2239535 | THE STATE OF THE S | Professional Aircraft Services 4824 Earhart Rd, Loveland, CO 80538 970-679-4633 |
| | | |
| DATE: 11-17-2014 FNGINE: TCM 10-470 | N: N 759BZ F S/N: 465900 | TACH: 2638.4 TSMOH: 378 |
| Complete Annual inspect App.D. and checklist. Dr. #3 74/80, #4 72/80, #5 to engine timing. Clean a starter, part # 646288-28 element. Comply with A engine controls. Refill s | F S/N: 465900 tion. All engine controls and sy rain oil. Check and change oil fi 5 76 /80, #6 76/80. Clean, gap, and inspect fuel injectors. Remo R. Remove and replace leaking c.D 96-12-22 by inspection of oil | TSMOH: 378 stems inspected in accordance with FAR 43 liter. Compression checks: #1 72/80, #2 66 /80 and rotate spark plugs. Check and set magneto we loaner starter and install overhauled exchange rankshaft seal. Clean and service air filter filter adapter & nut safety. Check and lubricat shell oil. AD's researched through B/W 2014-2 |
| Complete Annual inspect App.D. and checklist. Dr. #3 74/80, #4 72/80, #5 to engine timing. Clean a starter, part # 646288-28 element. Comply with A engine controls. Refill's for applicability. Wash e | F S/N: 465900 tion. All engine controls and sy rain oil. Check and change oil fit 5 76 /80, #6 76/80. Clean, gap, and inspect fuel injectors. Remot. Remove and replace leaking c.D 96-12-22 by inspection of oil ump with 10 qts 15W50 Aerongine and cowling. Engine run NE has been inspected in accord | TSMOH: 378 stems inspected in accordance with FAR 43 liter. Compression checks: #1 72/80, #2 66 /80 and rotate spark plugs. Check and set magneto we loaner starter and install overhauled exchang rankshaft seal. Clean and service air filter filter adapter & nut safety. Check and lubricat shell oil. AD's researched through B/W 2014-2 |
| Complete Annual inspect App.D. and checklist. Dr. #3 74/80, #4 72/80, #5 to engine timing. Clean a starter, part # 646288-28 element. Comply with A engine controls. Refill's for applicability. Wash element. | F S/N: 465900 tion. All engine controls and sy rain oil. Check and change oil fit 5 76 /80, #6 76/80. Clean, gap, and inspect fuel injectors. Remot. Remove and replace leaking c.D 96-12-22 by inspection of oil ump with 10 qts 15W50 Aerongine and cowling. Engine run NE has been inspected in accord | TSMOH: 378 stems inspected in accordance with FAR 43 liter. Compression checks: #1 72/80, #2 66 /80 and rotate spark plugs. Check and set magneto we loaner starter and install overhauled exchang rankshaft seal. Clean and service air filter filter adapter & nut safety. Check and lubricat shell oil. AD's researched through B/W 2014-2 up checks were satisfactory. |
| Complete Annual inspect App.D. and checklist. Dr. #3 74/80, #4 72/80, #5 to engine timing. Clean a starter, part # 646288-28 element. Comply with A engine controls. Refill s for applicability. Wash elemented to be in an A Larry Hallock | F S/N: 465900 tion. All engine controls and sy rain oil. Check and change oil fit 5 76 /80, #6 76/80. Clean, gap, and inspect fuel injectors. Remot. Remove and replace leaking c.D 96-12-22 by inspection of oil ump with 10 qts 15W50 Aerongine and cowling. Engine run NE has been inspected in accord | stems inspected in accordance with FAR 43 (Iter. Compression checks: #1 72/80, #2 66 /80 and rotate spark plugs. Check and set magneto we loaner starter and install overhauled exchang rankshaft seal. Clean and service air filter filter adapter & nut safety. Check and lubricat shell oil. AD's researched through B/W 2014-2 up checks were satisfactory. ance with an ANNUAL inspection and was Professional Aircraft Services 4824 Earhart Rd, Loveland, CO 80538 970-679-4633 |

| DATE | Manual, P/N L-1363G. Magnetic reassembled with new Slick of distributor gear kit, bearings, impulse coupling and found a Reassembled impulse with neaccordance with Chapter 8 of exceed published minimums. | n accordance with Champion Aerospace or disassembled, cleaned, inspected, and ontact kit, condenser, seal, rotor gear, and key. Disassembled and inspected attisfactory for continued service, we spring. Bench tested magneto in manual and found output to meet or This magneto is in compliance with all ulletins and is approved for return to | PAGE NO |
|------|---|---|--|
| _ | February 5, 2019 Tach: Z Model 6310 S/N: 15101601 | | |
| | Aerospace Manual, P/N L I Inspected, and reassembled seal, rotor gear, distributor and inspected impulse courtinued service. Reassembested magneto in accordan output to meet or exceed purpose. | in in accordance with Champion 63G. Magneto disassembled, cleaned, if with new Slick contact kit, condenser, gear, bearings, and key. Disassembled bling and found satisfactory for abided impulse with new spring. Bench ince with Chapter 8 of manual and found ablished minimums. This magneto is in the ADs and Service Builetins and is ce as an uninstalled part. | |
| | Paul A. Brevard Succes 212668035IA | | |
| | DATE: 6-5-19 | TSMOH: 00:00 | TACH: 2823.5 |
| | Service Bulletin 75-6-R1. Crilimits, see tag. Connecting ro SA646277 Lifter and 6 cwch Scriffed, see release form. Inte- new parts as follows: 1 each 641 Rod Bearings, 12 each 655961 SA536092A10 Major Gasket Sc Gear, 1 each Thru-Bolt Kit by 638172 Magneto Drive Rubbers and Spark plugs Installed. 6 ea- see release forms. Complete Fu | SERIAL: 465900 s date in accordance with TCM Parts Manual X3 unkshaft Overhauled, Dynamically Balanced and ds overhauled and certified, see tag. Installed 1A628488 Lifters installed, see release form for unal steel inspected and certified as required, see 1250 Crank Seat; 1 each SA646588A1 M.010 Mar Rod Bolts; 12 each 654490 Rod Nuts; 1 each 15 6 each SA539467 Piston Pins; 1 each SA53772 RAM; 6 each SA536379 Crank Gear Bolts; 4 e 15 Both Slick Magnetos Overhauled / Certified, see 16 Injection System Overhauled and Certified, see 16 Injection System Overhauled and Certified, see | Certified Mains and Rods M.010 new New Camshaft SA535661 with 6 each r camshaft. Crankcase overhauled and release form. Engine reassembled using in Bearing Set; 12 each SA630826M.010 a 626739M.010 Transfer Collar; 1 each 21 Needle Bearing; 1 each 657175 Crank ach SA535666 Cam Gear Bolts; 4 each see release forms. New Ignition Harness semblies installed, supplied by customer, e release forms. Oil Cooler Overhauled / |
| | Shim. Rocker Arms reworked Vacuum Pump AA3216CW, S Serviced engine with 12 quarts of return to service. Compression | | pad onto sump. Installed new Tempest Safeties and Seals replaced as required. d on engine run stand and is approved for 4) 78/80 5) 79/80 6) 76/80. For details |
| | 24. Wellat | FOR 625 Buss A Greeley, CC | venue |
| | | SUB-TOTALS THIS PAGE | |
| - | | TOTALS - CARRY FORWARD TO | NEXT PAGE |

| _ | | | | | PAGE NO. | 1 |
|-------|--|--|---|--|---|---------|
| DATE | DATE: 07/05// ENGINE: TCM | | N: N 759BZ S/N: 465900 | | TACH: 2823.5 TSMOH: 0.0 | |
| | Part 43 app. D. a Engines (engine bolts. Install 4 nd baffle seals. Install new air & he filter. Comply wengine controls, through current | and checklist. Recoverhaul log of the ewengine bond tall all new fire ating ducts. Clarith AD 96-12-7. Service with 1 biweekly perio | esleeved oil and fuel hose ean and service air filter of 22 by inspection of oil filt 10 qts. Aeroshell 10 non-o | ne following overhaul be installed with new engine engine baffling repaire assy's. Install all new be element. Clean, inspect ter adapter & nut safety detergent oil. Pre oil en engine and cowling. So | y Aircraft Cylinders & ne shock mounts and d, painted and install new ow pressure hoses, Install and service K & N air . Check and lubricate | |
| | I certify that this determined to be | | been inspected in accord hy Condition. | ance with an ANNUAL | inspection and was | - |
| | Larry Hallock IA 2239535 | dy | Mul | Professional Air 4824 Earhart Rd 970-679-4633 | ceraft Services Loveland, CO 80538 | |
| | | | | | | |
| | DATE: 07-23 | -2019 | N: N 759BZ | | TACH: 2849.5 | - |
| | and filter. Inst | all a new CH48 filter with no co | ks, #1 73/80, #2 74/80, #3 8108-1 oil filter and servi ontaminates found. Test r | ce engine with 11 quart un engine with no leaks Professional A | /80, #6 75/80. Change oil s of Aeroshell 100 mineral found. Aircraft Services Ed, Loveland, CO 80538 | |
| | Tocks | | | D D CM | 1 11 1 | |
| +2020 | 2872.7 | Rib | he elevent n | oil Siller an significant | d inspected ail | |
| | | lus | telled a new Too | apost 48108 f | der por Seller inthe | etiens. |
| - | | Sou | viced crowkcase A | capacity use | ing Aeroshell 15w-50 | oil. |
| | | VD 9 | 6-12-22 Stated 7- | 31-1996 complied | with by inspection & | ~ |
| | | Tora. Gregor | y was ground ne | Johnspet et a John 1933 | och silver change. h chock salsfortory 95269 | |
| | | | SUB-TOTALS THIS PAG | E | | - |
| | | | Totals - Carry forw | | | |
| | | | | | | |

| 2020 | OVERHAUL | TIME | SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---------|-----------------------|------------|--|
| | 67.6 | 2891.1 | Differential compression cheek Scylinders showed at Sollows: |
| 8-6 | Engine Total Time: | 289/./ | 71/80 70/60 72/80 74/80 74/80 71/80. Oil NOT Changed of this |
| | | | time. Removed all sport pluge - cleaned, regapped, tested and |
| | | | winstalled wing servicable gashets. Chicked magneto/engine |
| | | | Liming - checke satisfactory. Removed and cleaned Suel injector |
| | | | norther for againsters # 2, 4 and 6 - Reinstalled in their respective |
| | | | locations. Lubed engine controls. See separate AD listing for |
| | | | compliance. All work accomplished por TCM O/H manual. Engine |
| | | | was ground ran-ops check/lack check satisfactory: I |
| | | | certify this engine has been inspected in accordance with |
| | | | a 100 HR inspection and was determined to be in an |
| 2 | | | aircoutly Condition. Jeffle 193345269 |
| | | - Adjusted | o Tach 2896.3 idle speed. Tightened alternator belt and applied sing to alternator and A/C compressor belts. Engine un, ops check satisfactory. AP3395269 |
| 4-13-21 | / | 2917.7 | Drained ail, removed ail file and inspected fetter |
| | | | element, no significant material noted. Installed a |
| | | | new Tempest 48108-2 ail feller per feller instructions. |
| | | | Suiced cronhease to copacity using heroshed 15w-50 |
| | | | ail. Engine was ground un- ops check/leak check |
| | | | setisfactory. Jollan AP3395269 |
| | | | * Note: AB 96-12-22 dated 7-31-1996 complied with lay |
| | | | mysetinof the ail belter dopter per Posa b) - Charle |
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DESCRIPTION OF WORK PERFORMED -

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| DATE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
| Name . | - | - | |

Log Book Entry Engine- Annual Inspection

| Reg: N759BZ | | | Model: IO-470-F | S/N 465900 |
|---------------|-------|--------|-----------------|-------------|
| Date: 5/14/21 | Tach: | 2938.7 | ENGTT: 2938.7 | SMOH: 115.2 |

Performed an Annual Inspection with reference to FAR Part 43, Appendix D. Complied with all AD's thru 2021-10. Complied with AD96-12-22, Loose or Separated Oil Filter Adapters, by visual inspection of oil filter adapter with no defects noted at this time. Next due at oil change. 500 Hour Magneto M/N 6310, S/N's 15101582 and 15101601 Inspection Next Due @ 3323.5. Performed compression check with results as follows: #1>72/80, #2>72/80, #3>74/80 #4>72/80, #5>73/80, #6>72/80. Changed Oil and Filter, refilled with 11 quarts of Aeroshell 15W50 Oil. Performed Oil Analysis and submitted to Aviation Laboratories for testing. Installed new Oil Filter P/N AA48108-2, inspected old Oil Filter for foreign matter and none found at this time. Performed engine ground run and no oil leaks found at this time. I certify this aircraft engine has been inspected/repaired with reference to an Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service.-END-

David A. Johnson, 3638866, A&P IA

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| | Dramst | ad Flying Service 09-01-2023 | HV2531725(| port Rd Tach Time | | NT 59601 SMOH: E | |
| | crankcas instruction per Para b), plugs, clean 20* BTDC follows: #1 Engine wa | se to capacity us is. AD96-12-22 of checks satisfacted, re-gapped, per engine upg : 75/80, #2: 74/ as ground run, o | sing Aeroshell 15w- dated 7-31-1996 co tory, reinspect eac tested and reinstal grade data plate. Di 80, #3: 75/80, #4: aps check/leak chec | -50. Installed omplied with h 100 hours led using new ifferential co 75/80, #5: 74 ck satisfactor | a new Temp by inspection (tach: 3067.8 w gaskets. Ch impression of 1/80, #6: 75/ y. See separa | pest 48110- on of the Ce B) or annual manged engi meck of the BO. Lubed e ate AD listin | rial noted. Serviced 2 oil filter per filter ssna oil filter adapter lly. Removed all spark ine/magneto timing to cylinders showed as engine/cabin controls. ing for compliance. All |
| _ | work accordan | complished Lyconce with a 100 H | oming Direct Drive Ir./ Annual Inspecti | ion and was | determined to | to be in an a | airworthy condition. |
| | work accardan | complished Lyconce with a 100 H | oming Direct Drive | ion and was | determined t | to be in an a | airworthy condition. |
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