Cessna
ENGINE
AND PROPELLER LOG
N 1478F SERIAL NO. 34540-6D

**MAINTENANCE RELEASE**

TYPE OF UNIT PROPELLER

MANUFACTURER McCAULEY

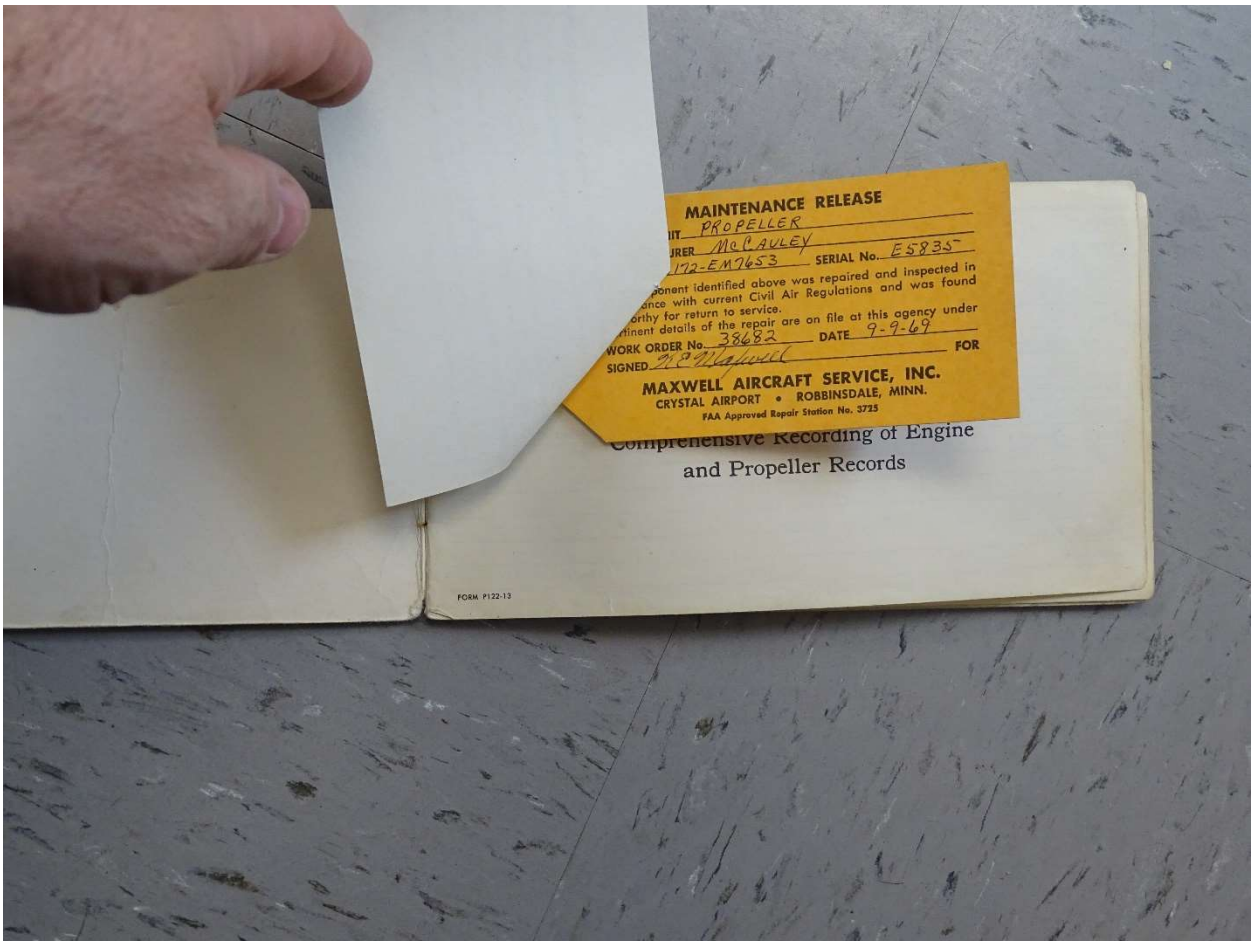
MODEL

**WARRANTY:**

All engines warranted against defect in material and workmanship to 250 hours, to include parts and labor. An additional pro-rated warranty, parts only to Full TBO. All parts and labor to be approved by AERO-TECH ENGINEERING prior to commencement of work. Cracked cylinders and crankcase excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. All warranty adjustments will be based on a minimum of 30 hours per month usage. Accessory items to be warrantied by vendor of such items.

AERO-TECH ENGINEERING

FORM F122


MAINTENANCE RELEASE
PROPELLER
McCAULEY
172-EM7653
SERIAL No. E5835
onent identified above was repaired and inspected in
ance with current Civil Air Regulations and was found
orthy for return to service.
tinent details of the repair are on file at this agency under
WORK ORDER No. 38682
DATE 9-9-69
SIGNED
FOR
MAXWELL AIRCRAFT SERVICE, INC.
CRYSTAL AIRPORT • ROBBINSDALE, MINN.
FAA Approved Repair Station No. 3725
Comprehensive Recording of Engine
and Propeller Records
FORM P122-13

## ENGINE DESCRIPTION

| | | | |
|---|---|---|---|
| Mfgr. Continental | Place | | Date |
| Type Lycoming | Model O 300-D | Serial No. 3454-D 6-D | |
| Rated H. P. 145 | Maximum H. P. 145 | Weight (Dry) | |
| Rated R. P. M. 2300 | Maximum R. P. M. 2700 | Oil Pressure | |
| Bore | Stroke | Displacement | Cu. In. |
| Compression Ratio | Supercharger Ratio | Gear Ratio | |
| Propeller McCauley | Hub Design 1C172 | Hub Serial No. E5835 | |
| Blade Design | Blade Serial | Blade Serial | Blade Serial |
| Maximum Hub H. P. | Maximum Blade H. P. | | |
| Pitch 58" | Diameter 76" | Length | |
| Owner's Name | | | |
| Address | City | State | |

## ENGINE LOG

| DATE 1966 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| | 1 | 0 | 1 | 0 | | William E Ellery | |
| | 0 | 75 | 1 | 75 | | William E Ellery | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE | DURATION | ACCUMULATED TOTAL TIME HOURS | 10ths | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 1-26 | | | | | | |
| 5 Dec | | 5 | | | | |

Sky Harbor Air Service, Box 1262
Eppley Airfield, Omaha, Nebraska

Date 5 Dec 66

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed AND SHLK 38 WT Screens Cleaned ←

Sparkplugs Checked and Gapped ← Compression ←

Magnetos and Points ← Harness Checked ←

Fuel System Checked ← Filter Cleaned ←

Propeller and Spinner ← Engine Washed ←

Cowling Checked ← Engine Controls ←

Engine-Run-Up and Checked for Security and Leaks ←

All AD's Thru 66-27 CW See Last Page For a Complete List of AD's

Total Time in Service Tach Reading 50.5

I Certify that this Powerplant has been inspected in accordance with a 100 HR inspection and was found to be in airworthy condition.

Signature H A Mickelson AP# [illegible]

SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr.

## ENGINE LOG

| DATE | DURATION | ACCUMULATED TOTAL TIME HOURS | 10ths | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 1-27 | | | | | | |
| 1-17 | | 54 | 7 | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass c[illegible] and aircraft lighting checked. H A Mickelson SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |
| 1-23 | | 76 | 4 | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass c[illegible] and aircraft lighting checked. H A Mickelson SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 67 | DURATION | ACCUMULATED TOTAL TIME HOURS | ACCUMULATED TOTAL TIME TOTHS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 7-15-67 | | 114 | 90 | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass cleaned and air-craft lighting checked. W.A. Mehlhaff SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |
| 7 Mehl | | 153 | | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass cleaned and air-craft lighting checked. W.A. Mehlhaff SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | ACCUMULATED TOTAL TIME TOTHS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| | | | | | | |

Sky Harbor Air Service, Box 1282
Eppley Airfield, Omaha, Nebraska

Date 1-31-67

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed ✓ Screens Cleaned ✓
Sparkplugs Checked and Gapped ✓ Compression ✓
Magnetos and Points ✓ Harness Checked ✓
Fuel System Checked ✓ Filter Cleaned ✓
Propeller and Spinner ✓ Engine Washed ✓
Cowling Checked ✓ Engine Controls ✓
Engine-Run-Up and Checked for Security and Leaks ✓
All AD's Thru 67-3 CW See Last Page For a Complete List of AD's
Total Time in Service ____ Tach Reading 91

I Certify that this Powerplant has been inspected in accordance with a 100 hr inspection and was found to be in airworthy condition.

Signature W.A. Mehlhaff

SKY HARBOR AIR SERV Repair # 3018 Eppley F. Omaha, Neb

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | ACCUMULATED TOTAL TIME 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|

Sky Harbor Air Service, Box 1262
Eppley Airfield, Omaha, Nebraska

Date 3-25-67

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed ✓ Screens Cleaned ✓

Sparkplugs Checked and Gapped Rec? Compression ✓

Magnetos and Points ✓ Harness Checked ✓

Fuel System Checked ✓ Filter Cleaned ✓

Propeller and Spinner ✓ Engine Washed ✓

Cowling Checked ✓ Engine Controls ✓

Engine-Run-Up and Checked for Security and Leaks ✓

All AD's Thru 67-6 CW See Last Page For a Complete List of AD's

Total Time in Service ..... Tach Reading 194

I Certify that this Powerplant has been inspected in accordance with a 100 hr inspection and was found to be in airworthy condition.

Signature [illegible] AP# for

SKY HARBOR AIR SERVICE Repair Sta. 2019 Eppley Field Omaha, Nebr.

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 67 | DURATION | ACCUMULATED TOTAL TIME HOURS | ACCUMULATED TOTAL TIME 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 4/6/67 | | | | Tach time 217 hrs. | | |
| | | | | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass checked and aircraft lighting checked. [illegible] SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 2019 Eppley Field Omaha, Nebr. | |
| 7/25/67 | | | 24 | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass checked and aircraft lighting checked. [illegible] SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 2019 Eppley Field Omaha, Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 67 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 5-16 | | 27 | | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass cleaned, exterior aircraft lighting checked | | |
| | | | | SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3015 Eppley Field Omaha, Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 67 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 5-27 | | 287 | | | | |

Sky Harbor Air Service, Box 1252
Eppley Airfield, Omaha, Nebraska

Date 5-27-67

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed ✓ Screens Cleaned ✓

Sparkplugs Checked and Gapped ✓ Compression ✓

Magnetos and Points ✓ Harness Checked ✓

Fuel System Checked ✓ Filter Cleaned ✓

Propeller and Spinner ✓ Engine Washed ✓

Cowling Checked ✓ Engine Controls ✓

Engine-Run-Up and Checked for Security and Leaks ✓

All AD's Thru 67-16 CW See Last Page For a Complete List of AD's

Total Time in Service ..... Tach Reading 287

I Certify that this Powerplant has been inspected in accordance with a Annual inspection and was found to be in airworthy condition.

Signature [illegible] AP# 1367666 I.A.

## ENGINE LOG

| DATE 19 67 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| 6-20 | | | | | ~~25 hour inspection, oil changed, screens~~ cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass cleaned and aircraft lighting checked. | ~~SKY HARBOR AIR SERVICE~~ Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|

Sky Harbor Air Service, Box 1252
Eppley Airfield, Omaha, Nebraska

Date 6-13-68

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed ✓ Screens Cleaned ✓

Sparkplugs Checked and Gapped ✓ Compression ✓

Magnetos and Points ✓ Harness Checked ✓

Fuel System Checked ✓ Filter Cleaned ✓

Propeller and Spinner ✓ Engine Washed ✓

Cowling Checked ✓ Engine Controls ✓

Engine-Run-Up and Checked for Security and Leaks ✓

All AD's Thru 68-11 CW See Last Page For a Complete List of AD's ✓

Total Time in Service ✓ Tach Reading ~~[illegible]~~ 345

I Certify that this Powerplant has been inspected in accordance with a Annual inspection and was found to be in airworthy condition.

Signature [illegible] A&P Inspector

SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr.

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG N 1478F

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | TENTHS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 7-31-68 | | Tach Reads 443 hr. | | I certify that this engine has been inspected in accordance with an 100hr. inspection and was determined to be in airworthy condition | Herman Wildrith AP 1798967 | |
| 8-11 | | 159 | 4 | oil changed Mobil grade | 100 SAE 50 | |
| 8-8 | | 496 | 0 | oil changed | | |
| | | 523 | 6 | oil changed Mobil SAE 50 | | |
| 10-15-68 | | Tach Reads 549hr | | I certify that this engine has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition | Herman Wildrith AP 1798967 | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG N 1478F

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | TENTHS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| | | 554 | 2 | oil Change SAE 50 | | |
| 4-23-69 | | Tach 653 hrs. | | I certify that this engine has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition | Herman Wildrith AP 1798967 | |
| 9-13-69 | | Tach 713 hrs | | I certify that this engine has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition Propeller Repaired by Maxwell Aircraft Service Inc work order 32682 Date 9-9-69 installed | | |
| 9-13-69 | | Tach 713 | | Herman Wildrith AP 1798967 I certify that this engine was given Annual Inspection & was determined to be in airworthy condition 13 Sept 69 | AP 777247 | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10ths | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 12-15-69 | Tach | 798 hrs. | | I certify that this engine has been inspected in accordance with the rules for inspection and was determined to be in airworthy condition. Sherman Wilbreth AP 1798967 | | 685 |
| March 5-1970 | Tach | 897 hrs. | | 3-5-70 Changed oil. Cleaned engine - cleaned oil screen cleaned air filter - installed longer exhaust tail pipe and adjusted spark plug - new shock time age of mag on installing new ignition switch - Part # C-7501-01 Dr. Apparently engineer check | | |
| Hobbs Meter Reads, 1053 hrs | | | | I have inspected this Engine in accordance with a 100 hr. inspection and found it to be in airworthy condition. Tach. Reads 897 hrs Date 3-5-70 D. Monroe AP # 3318811 | LF 7/60 RF 45/60<br>LC 75/60 RC 75/60<br>LR 70/60 RR 55/60 | |
| Recording tach | | 897 hrs. | | | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 70 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10ths | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 4-3-70 | | 898 hr | | Changed oil - (cleaned air filter tach) Dressed tach for Propeller D. Monroe AP # 3318811 | | |
| 6-26-70 | | 949 hr | | Cleaned gapped spark plugs - checked mag timing. | | |
| | Changed oil - | | | cleaned oil screen - cleaned air filter - checked magnetos | | |
| | Cleaned engine - | | | checked compression - #1 #2 #3 #4 #5 #6 | | 60 |
| | AOB # | 70-14-4 | | Dressed propeller tach model - 6/80 6/80 6/80 6/80 6/80 6/80 | | 6/80 |

I have inspected this Engine in accordance with a 100 hr. inspection and found it to be in airworthy condition.
Tach. Reads 949 Date 6-26-70
D. Monroe AP # 3318880

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 1970 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10ths | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 10-15- | | 1124 | — | Cleaned & checked & lapped spark plugs - checked timing, checked magnetos - cleaned engine & cleaned air screen & fuselage, checked Bolter muff & Ex System - flushed carb. per AD-69-14-3 | D. Mercier A&P # 3588.1 | |

Differential Compression Chart

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 80 | 80 | 80 | 80 | 80 | 80 | 80 | |
| 62 | 58 | 60 | 72 | 47 | 62 | | |

~~I have inspected this~~ Engine
~~In accordance with a~~ Annual
~~inspection and found it to be in an airworthy~~
~~condition.~~
~~Tach. Reads~~ 1124 Date 10-15-70
D. Mercier A&P # 3588.1

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 1971 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10ths | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 6-29- | | 1233 | - | 6-3-71 Top overhaul - new Rings & valves # 627334-A1 Brakes Lines - Repaired & bled - retrack all pedals Arm Brace - Bolts cylinder Right side had broken & was Wired by Chalow Pilot San Antonio Texas - Maintenance Release attached - in seat / Log Book New set of Spark Plugs - & new spark Plug Leads - Metal Rod broke from Detergent Oil - Sump checked for leaks - Test flown OK - checked Muffler - checked Screens - Cut Air Filter. | D. Mercier | |

I have inspected this Engine
In accordance with a 100 Hr.
inspection and found it to be in an airworthy
condition for VFR & ~~IFR~~ Flight Rules
Tach. Reads 1233 Date 6-3-71
Total Hours
D. Mercier

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

D. Mercier A & P # 3588.1

ENGINE LOG

| DATE 19 71 | DURATION | ACCUMULATED TOTAL TIME HOURS | TENTHS | REPAIRS — ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 2-9-71 | | 1255 | | Replaced Alternator: old one had broken wire in Rotor - Ward Aero Service. Maintenance Release attached | | |
| | | | | B Monitor A&P # 235881 | | |
| | | | | Changed oil - reason because alternator Removed | | |
| | | | | B Monitor | | |
| FEB 21-71 | | | | Installed new Propeller McCauley, | | |
| | | | | B Monitor A&P # 235881 | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

| DATE 19 | DURATION | LICENSE NUMBER |
|---|---|---|
| | | |

ward AERO
SUBSIDIARY OF MIDWEST INDUSTRIES
THREE RIVERS, MICHIGAN 49093, U.S.A. Phone (616) 279-5211

WORK ORDER Number 9406

Aircraft or Engine Accessory ALTERNATOR
Manufacturer FORD GPD
Part Number
Model C6FF10300 C Serial No. 14-25203

Overhaul, Repair and/or Modify the Accessory listed on this form to the current Manufacturers Specifications.

WA-028

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

| ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|
| 1355 | | Replaced Alternator: old one had broken wire in Rotor - Used aero Summit Maintenance Release attached | B Monthei A&P # 235881 | |
| | | Changed oil - Nusson because alternator removal | B Monthei | |
| | | Installed New Propeller McCauley, | B Monthei A&P # 235881 | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

| DATE | DURATION | | | | | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| | | | | | | |

Supplemental work order number _____ Date _____

Signed _____

NOTE: This tag should be attached to the logbook of the aircraft or engine on which the component was installed.

WARD MFG. CO. MANUFACTURERS OF MEDICAL PRODUCTS
THREE RIVERS, MICHIGAN 49093, U.S.A. Phone (616) 279-5311
F.A.A. APPROVED REPAIR STATION No. 3779
ACCESSORIES - LIMITED
MAGNETIC AND FLUORESCENT INSPECTION
WA 050

Have inspected this Engine in accordance with a Annual inspection and found it to be in airworthy condition for Normal Flight Class.

Tach Reads 1326 Time 4-12-71

Total Hours 1326

B Monthei

D. F. Monthei A & P #235881 I.A.

Differential Compression

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| #1 | 77 | 77 | 74 | 77 | 76 | 76 | 77 | | | | | | | | |
| #2 | | | | | | | | | | | | | | | |
| #3 | | | | | | | | | | | | | | | |
| #4 | 77 | 77 | 77 | 76 | 74 | 74 | | | | | | | | | |

Check Mag. Timing - Check Spark Plugs - Clean Mag. Screen - Clean air Filter - Change oil - Checked Muffler - Heat Muffler - Clean Engine -

B Monthei (A&P # 235881)

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | TOTHS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 30 June 1972 | | 1409 | | Checked compression - cleaned and repaired spark plugs - checked mag. timing - checked fuel filter - checked oil - equipment good oil - checked muffler and hot muffler. Checked engine. Complied with AD 72-15-5 thereon inspection. Overhaul Master. | | |
| | | | | I have inspected this engine in accordance with a 100 hr. inspection and found it to be in an airworthy condition. Tach. Hours 1409 Date 30 June '72 | | |
| | | | | Differential Compression Check: #1 #2 #3 #4 #5 #6 #7 #8 #9 / 80 80 80 80 80 80 80 80 80 / 77 75 77 70 69 77 | | |
| | | | | Equipment bill to pending | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

1409.

## ENGINE LOG

| DATE 19 72 | DURATION | ACCUMULATED TOTAL TIME HOURS | TOTHS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 1 Dec '72 | Tach. | 1487. | Hrs. | Changed oil 8 qts. Mobil grade 65. | | |
| | | | | Differential Compression Check: #1 #2 #3 #4 #5 #6 #7 #8 #9 / 80 80 80 80 80 80 80 80 80 / 77 75 70 70 75 | I have inspected this engine in accordance with a 100 hr. inspection and found it to be in an airworthy condition. Tach. Hours 1409 Date 1 Dec '72 A&P 2179817 | |
| | | | | Engine inspected this Annual in accordance with a Inspection and found it to be in an airworthy condition for VFR & IFR Flight. Tach. Hours 1487 Date 1-1-73 Total Hours 1487 D S Mouler B. E. Moulter A & P #2355881 I.A. | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| | | | | TMW 1500 12-1-73 | | |
| | | | | ENGINE MAJOR OVERHAUL, NEW MAIN BRG — Rod Brgs, Rings, ops & exh gasket — IXH valve Rod Bushing Rocker arm bushing — oil pump gears STD, Rings, Oil seal, gasket, Crankshaft and Cam shft polished. All nuts & bolts. Magneto & Propeller & mag gears — Propeller, Chief Engrs has a number and forty years / Shaft 30 No. New McCauley propeller installed. | | |
| | | | | 12-1-73 | I CERTIFY THAT THIS ENGINE ~~AIRCRAFT~~ HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS CERTIFIED TO BE IN A AIRWORTHY CONDITION. T.T. 1500 FAREE AIRCRAFT [illegible] A. A. 1470618 | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## PROPELLER INSPECTION & REPAIRS

| INSPECTION | | | REPAIRS | | |
|---|---|---|---|---|---|
| DATE | INSPECTED BY | CONDITION | DATE | REPAIRED BY | REPAIRS MADE |
| | 12-12-74 | Went down engine. Clean oil & fuel screen Clean & test plugs Pref #1 left because of leaky Exhaust valve Dye out and retorque and lock. Replace Lower Pitch Lock Link due to unusual wear. Replace lock impinger Coupling & magneto per AD 74-03-05 Paint installed on left mag. Change oil. Engine runup & taxi safely. | | | |
| | | | | | I CERTIFY THAT THIS ENGINE ~~AIRCRAFT~~ HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS CERTIFIED TO BE IN A AIRWORTHY CONDITION. T.T. 1631 ~~FAREE AIRCRAFT~~ 12-12-74 A. A. 1470618 |

## PROPELLER INSPECTION & REPAIRS

| INSPECTION | | | REPAIRS | |
|---|---|---|---|---|
| DATE | INSPECTED BY | CONDITION | DATE | REPAIRED BY | REPAIRS MADE |
| | | | | | 1-4-76 Change oil Clean oil Vent screen Clean spark plugs Replace spark plugs Replace leak down test on Cylinders ① 75/80 ② 67/80 ③ 76/80 ④ 75/80 Cyl #4 ⑤ 75/80 Lubricate engine Control Engine run up satisfactory Ward engine send. |
| | | | | | I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. |
| | | | | 168 SMOH | T.T. 1678 |
| | | | | TTAF# 1678 | PRIESE AIRPORT LARRY PRIESE I. A. 1475618 |

## PROPELLER INSPECTION & REPAIRS

| INSPECTION | | | REPAIRS | |
|---|---|---|---|---|
| DATE | INSPECTED BY | CONDITION | DATE | REPAIRED BY | REPAIRS MADE |
| | | | | Leak down test on ① 75/80 ② 75/80 ③ 75/80 ④ 75/80 ⑤ 75/80. Change oil Clean screen |
| | | | | I certify that this engine was repaired and/or inspected in accordance with a annual inspection and is approved for return to service. Pertinent details are on file at this Repair Station under order No. 372 Date 7-13-78. TT 1750 |
| | | | | PRIESE AIRPORT R. R. #7, Box 89 Findlay, Ohio 45840 F. A. A. Approved Repair Station CO7-18 |

I certify that this engine was repaired and/or inspected in accordance with a annual inspection and is approved for return to service. Pertinent details are on file at this Repair Station under order No. 142 Date 6-6-77 TT 1716

PRIESE AIRPORT
R. R. #7, Box 89
Findlay, Ohio 45840
F. A. A. Approved Repair Station CO7-18

## PROPELLER INSPECTION & REPAIRS

| INSPECTION | | | REPAIRS | | |
|---|---|---|---|---|---|
| DATE | INSPECTED BY | Condition | DATE | REPAIRED BY | REPAIRS MADE |
| | | Inspected in accordance with and is approved for return to service. Pertinent details are on file at this Repair Station under order No. 784 Date 3/7/77 Tach 1769.91 TT 1769.91 Inspector. Fly Rite Aircraft R. R. #7, Box 89 Findlay, Ohio 45840 F. A. A. Approved Repair Station 007-18 | | Inspection | |
| 4/19/80 | | REMOVED VACUUM PUMP AND INSTALLED AIRBORNE #116-41 PUMP | | | |
| | | 1/8/10 CESSNA MANUAL | Jeffery | B. Buchner | P 115546859 |
| | | TACH TIME 1776.46 | | | |

## MEMORANDA

| Date | |
|---|---|
| April 21 | 1981 tach time 1782.4 smoh ~~[illegible]~~ 282.4 100 hour inspection for annual complete this date performed in accordance with a FAR 43 appendix D. Plugs cleaned and checked, 3 new REM40E's installed, mags checked and timed. Oil changed serviced with phillips multi grade, oil screen checked, fuel strainer filter cleaned, compression checked 72/80 72/80 72/80 72/80 72/80 72/80 muffler pulled & inspected prop cleaned and painted. Engine run-up satisfactory to certify that this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition. Roy S. Alexander A&P # 2279737 |

MEMORANDA

Date

Aug 5, 1982 Tach time 1797.83, ~~3976~~ 297.6 SMOH; 100 hr inspection performed this date. No. 6 cylinder removed due to low compression + rings were found to be badly worn, rocker arm bush bushings were also found to be turning in the boss and bosses were unserviceable due to this. Installed rebuilt cylinder assy provided by Cloudsdale (see tag in back) and all new exhaust + intake gaskets + rubbers on #6 cylinder. Replaced firewall to fuel stained fuel line due to leakage. Replaced #4 exhaust stack clamp. Repaired fuel strainer to punch fuel line. Repaired broken strap on right heat muff. Removed wasp's nest from left muffler. Treated corrosion in battery box + repainted. Removed mags in order to comply with IAD # 80-06-05 and impulse couplings were checked + found satisfactory. ~~[illegible]~~ Reinstalled + timed mags. Dressed + painted propeller + replaced cracked spinner bulkhead. Drained oil + cleaned screen + checked for metal. Serviced with 6 qts and break in new new cylinder + check for oil leak OK. Check AD # 76-07-12 on bendix mag switch by shutting off engine with switch. I certify that this engine has been inspected in accordance with a 100 hr inspection and was found to be in airworthy condition. Tach time 2.0. Mech # AP 2786457 S

MEMORANDA

| Date | |
|---|---|
| 4/22/83 | TACH 1802.4 HRS Installed new right mag with 100 HRS since overhaul S/N 608422. Frank Coulter 1549357 |
| 8-28/83 | TACH 1905.1 ~~[illegible]~~ SMOH 100 hour inspection completed in accordance with manufacturer instructions and FAR PART 43. Checked Tach time 83-15 Installed new throttle control cable. |

I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.
TOTAL TIME 1905.1 DATE 8-28-83
SIGNED FR Coulter
FRANK R. COULTER 1549357 IA

MEMORANDA

PARTIAL MAINTENANCE RELEASE

MAKE CONTINENTAL SERIAL NO.

MODEL O-200 UNIT NAME CYL. ASSY.

I certify that the repair as listed on the reverse hereof made to the unit identified above

CLYDESDALE AIRCRAFT CORPORATION

F.A.A. APPROVED

COLUMBUS, OHIO REPAIR STATION NO. 2723

ACCEPTED OR SERVICEABLE TAG

NAME CYL HOOK

TYPE O-200

S/N

P.O.

DATE 7-15-82

QTY. 1 ea

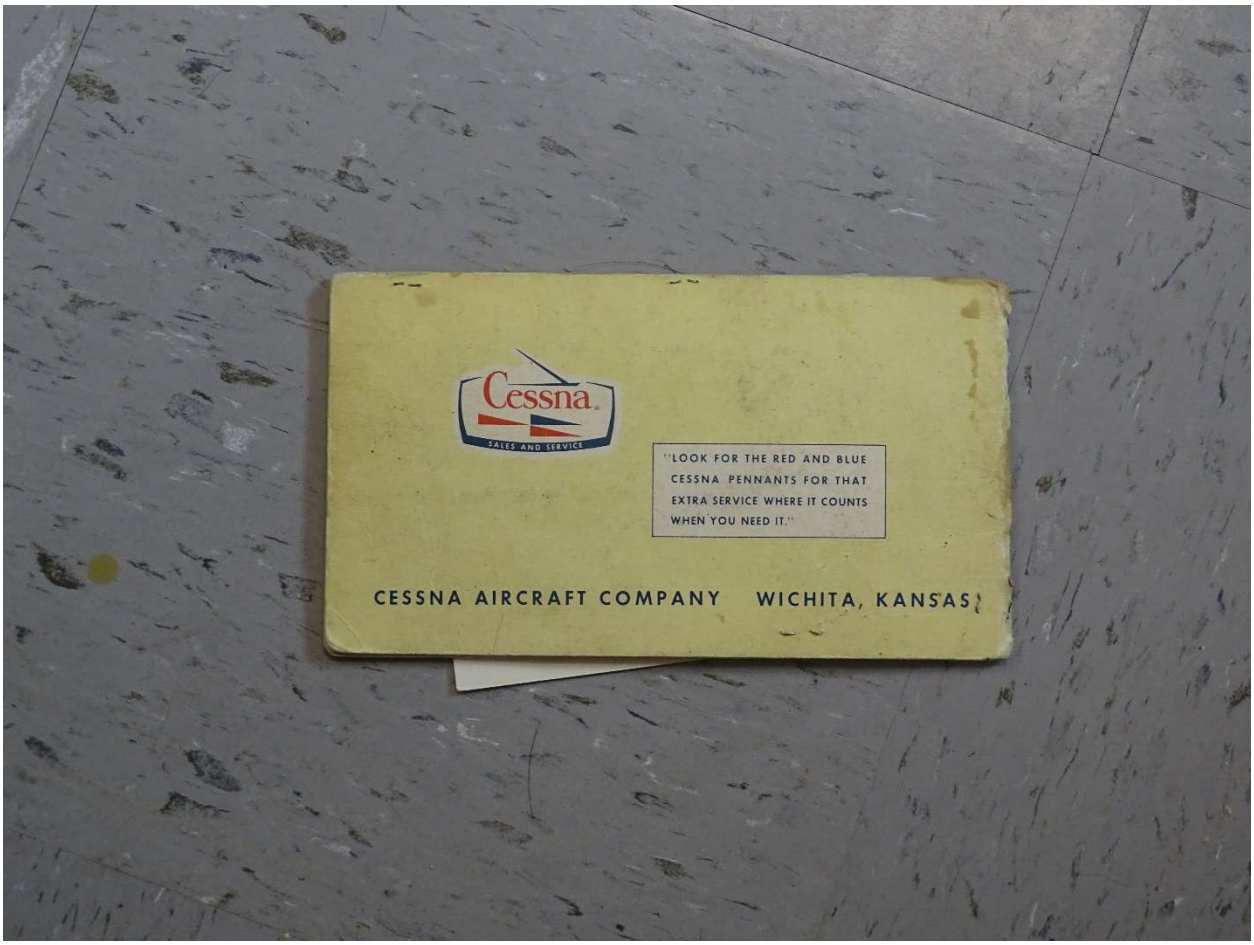
OVERHAULED CERTIFIED

REPAIRED

TESTED

REMARKS: OR CYL HEAD, NEW CHROME

INSPECTOR SIGNATURE


Cessna
SALES AND SERVICE
"LOOK FOR THE RED AND BLUE CESSNA PENNANTS FOR THAT EXTRA SERVICE WHERE IT COUNTS WHEN YOU NEED IT."
CESSNA AIRCRAFT COMPANY WICHITA, KANSAS

Cessna
ENGINE
AND PROPELLER LOG
N 1478F SERIAL NO. 34541D-6

## WARRANTY:

All engines warranted against defect in material and workmanship to 250 hours, to include parts and labor. An additional pro-rated warranty, parts only to Full TBO. All parts and labor to be approved by AERO-TECH ENGINEERING prior to commencement of work. Cracked cylinders and crankcase excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. All warranty adjustments will be based on a minimum of 30 hours per month usage. Accessory items to be warrantied by vendor of such items.

AERO-TECH ENGINEERING

**MAINTENANCE RELEASE**

TYPE OF UNIT PROPELLER

MANUFACTURER McCAULEY

MODEL 1C172-EM7653 SERIAL No. E5835

The component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency under

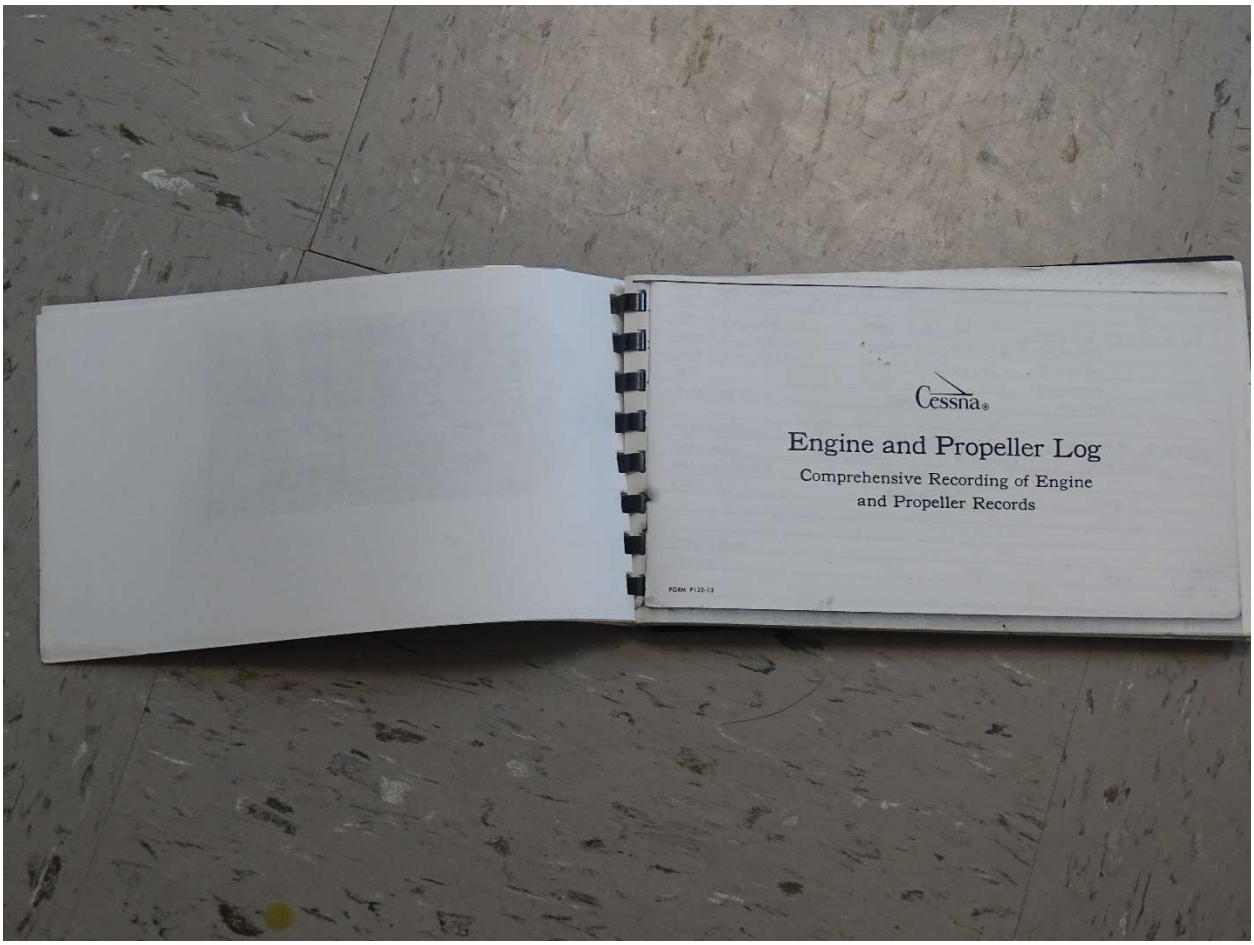
WORK ORDER No. 38682 DATE 9-9-69

SIGNED [illegible] FOR

**MAXWELL AIRCRAFT SERVICE, INC.**

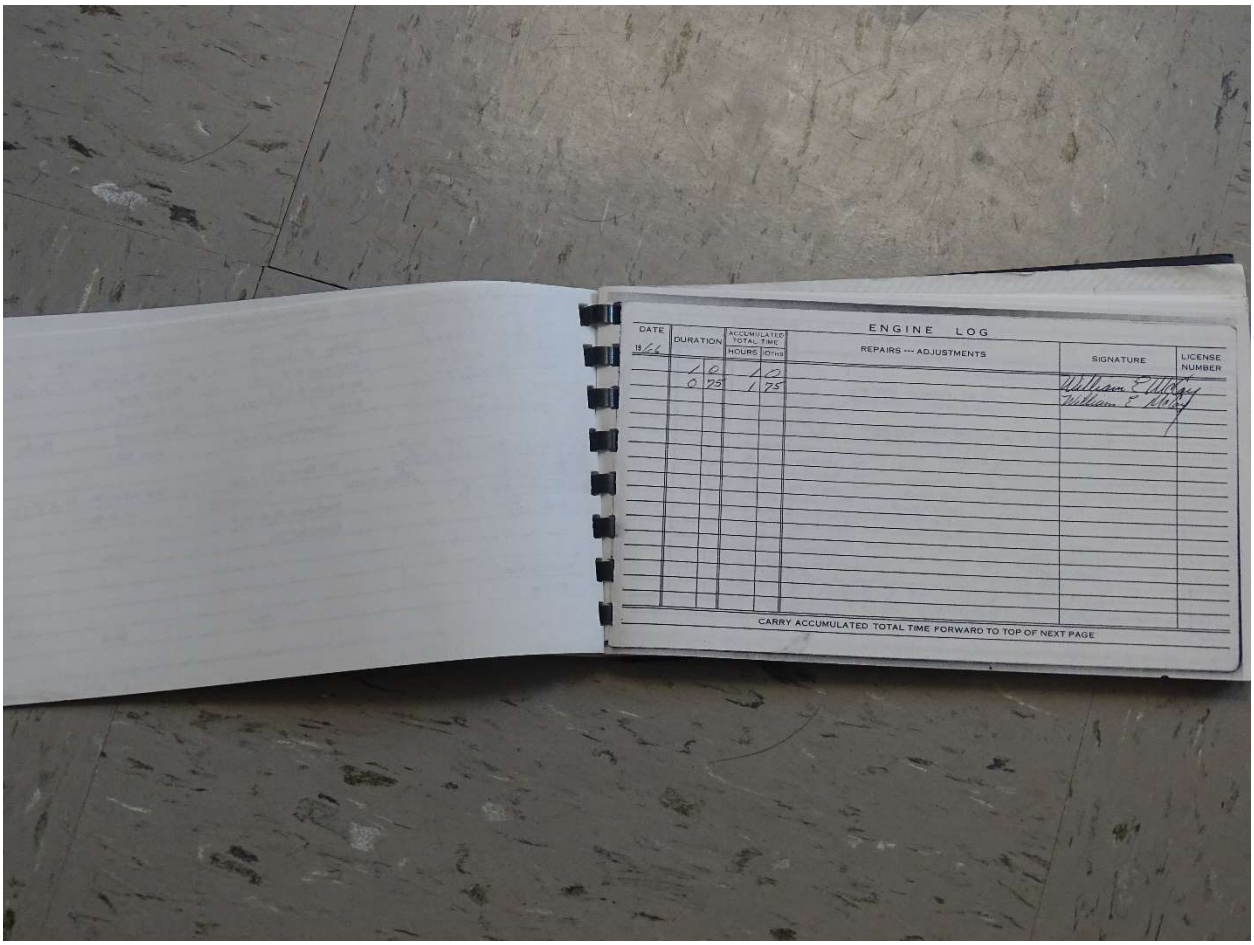
CRYSTAL AIRPORT • ROBBINSDALE, MINN.

FAA Approved Repair Station No. 3725


Cessna®
Engine and Propeller Log
Comprehensive Recording of Engine
and Propeller Records
FORM P122-13

ENGINE DESCRIPTION

| | | | |
|---|---|---|---|
| Mfgr. Continental | Place | | Date |
| Type Supercharged | Model O-300-D | Serial No. 34541-D-6-D | |
| Rated H. P. 145 | Maximum H. P. 145 | Weight (Dry) | |
| Rated R. P. M. 2300 | Maximum R. P. M. 2700 | Oil Pressure | |
| Bore | Stroke | Displacement | Cu. In. |
| Compression Ratio | Supercharger Ratio | Gear Ratio | |
| Propeller McCauley | Hub Design 1C172 | Hub Serial No. E5835 | |
| Blade Design | Blade Serial | Blade Serial | Blade Serial |
| Maximum Hub H. P. | Maximum Blade H. P. | | |
| Pitch 53" | Diameter 76" | Length | |
| Owner's Name | | | |
| Address | City | State | |



ENGINE LOG

| DATE 18/26 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10ths | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| | 1 | 0 | 1 | 0 | | William E Kelly | |
| | 0 | 75 | 1 | 75 | | William E Kelly | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE | DURATION | ACCUMULATED TOTAL TIME HOURS | TENTHS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 1966 5 Dec | | 5 | | | | |

Sky Harbor Air Service, Box 1252
Eppley Airfield, Omaha, Nebraska

Date 5 Dec 66

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed AMO SHELL 30 W Screens Cleaned —

Sparkplugs Checked and Gapped ✓ Compression ✓

Magnetos and Points ✓ Harness Checked ✓

Fuel System Checked ✓ Filter Cleaned ✓

Propeller and Spinner ✓ Engine Washed ✓

Cowling Checked ✓ Engine Controls ✓

Engine-Run-Up and Checked for Security and Leaks ✓

All AD's Thru 66-27 CW See Last Page For a Complete List of AD's

Total Time in Service ——— Tach Reading 5.5

I Certify that this Powerplant has been inspected in accordance with a 100 HR inspection and was found to be in airworthy condition.

Signature H A Muehlen AP# [illegible]

SKY HARBOR
AIR SERVICE
Repair Sta.
# 3018
Eppley Field
Omaha, Nebr.

## ENGINE LOG

| DATE 1967 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| 1-9-67 | | | 57 | 7 | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, check d & serviced brakes, battery and tires, interior & glass cleaned and air-craft lighting checked. H. H. Nichols SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha,Nebr. | |
| 1-23 | | | 76 | 4 | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, check d & serviced brakes, battery and tires, interior & glass cleaned and air-craft lighting checked. H. H. Nichols SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha,Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 67 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| 7-18-67 | | | 114 | 40 | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass cleaned and aircraft lighting checked. SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |
| 7-24-67 | | | 163 | | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass cleaned and aircraft lighting checked. SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | TENTHS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|

Sky Harbor Air Service, Box 1252
Eppley Airfield, Omaha, Nebraska

Date 1-31-67

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed ✓ Screens Cleaned ✓

Sparkplugs Checked and Gapped ✓ Compression ✓

Magnetos and Points ✓ Harness Checked ✓

Fuel System Checked ✓ Filter Cleaned ✓

Propeller and Spinner ✓ Engine Washed ✓

Cowling Checked ✓ Engine Controls ✓

Engine-Run-Up and Checked for Security and Leaks ✓

All AD's Thru 67-3 CW See Last Page For a Complete List of AD's

Total Time in Service ..... Tach Reading 91

I Certify that this Powerplant has been inspected in accordance with a 100 hr inspection and was found to be in airworthy condition.

Signature [illegible] Chief Insp. for

SKY HARBOR AIR SERV Repair # 3028 Eppley F. Omaha, Nebr.

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | | ACCUMULATED TOTAL TIME HOURS | TENTHS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|

Sky Harbor Air Service, Box 1252
Eppley Airfield, Omaha, Nebraska

Date 3-25-67

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed ✓ Screens Cleaned ✓

Sparkplugs Checked and Gapped New Compression ✓

Magnetos and Points ✓ Harness Checked ✓

Fuel System Checked ✓ Filter Cleaned ✓

Propeller and Spinner ✓ Engine Washed ✓

Cowling Checked ✓ Engine Controls ✓

Engine-Run-Up and Checked for Security and Leaks ✓

All AD's Thru 67-6 CW See Last Page For a Complete List of AD's

Total Time in Service Tach Reading 194

I Certify that this Powerplant has been inspected in accordance with a 100hr inspection and was found to be in airworthy condition.

Signature Ed Michelsen AP# for

SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr.

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 67 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| 4/8/67 | | | | | Tach. Time 217 Hrs. | | |
| | | | | | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass cleaned and air-craft lighting checked. | | |
| | | | | | SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |
| 2/15/67 | | | 24 | 6 | 25 hour inspection, oil changed, screens cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass cleaned and air-craft lighting checked. | | |
| | | | | | SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 67 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| 5-16 | | | 220 | | 25 hour inspection, oil changed, sarsons cleaned, engine & belly washed down, checked & serviced brakes, battery and tires, interior & glass cleaned and aircraft lighting checked SKY HARBOR AIR SERVICE, OMAHA, NEBRASKA | SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 67 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| 5-27 | | | 287 | | | | |

Sky Harbor Air Service, Box 1252
Eppley Airfield, Omaha, Nebraska

Date 5-27-67

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed ✓ Screens Cleaned ✓

Sparkplugs Checked and Gapped ✓ Compression ✓

Magnetos and Points ✓ Harness Checked ✓

Fuel System Checked ✓ Filter Cleaned ✓

Propeller and Spinner ✓ Engine Washed ✓

Cowling Checked ✓ Engine Controls ✓

Engine-Run-Up and Checked for Security and Leaks ✓

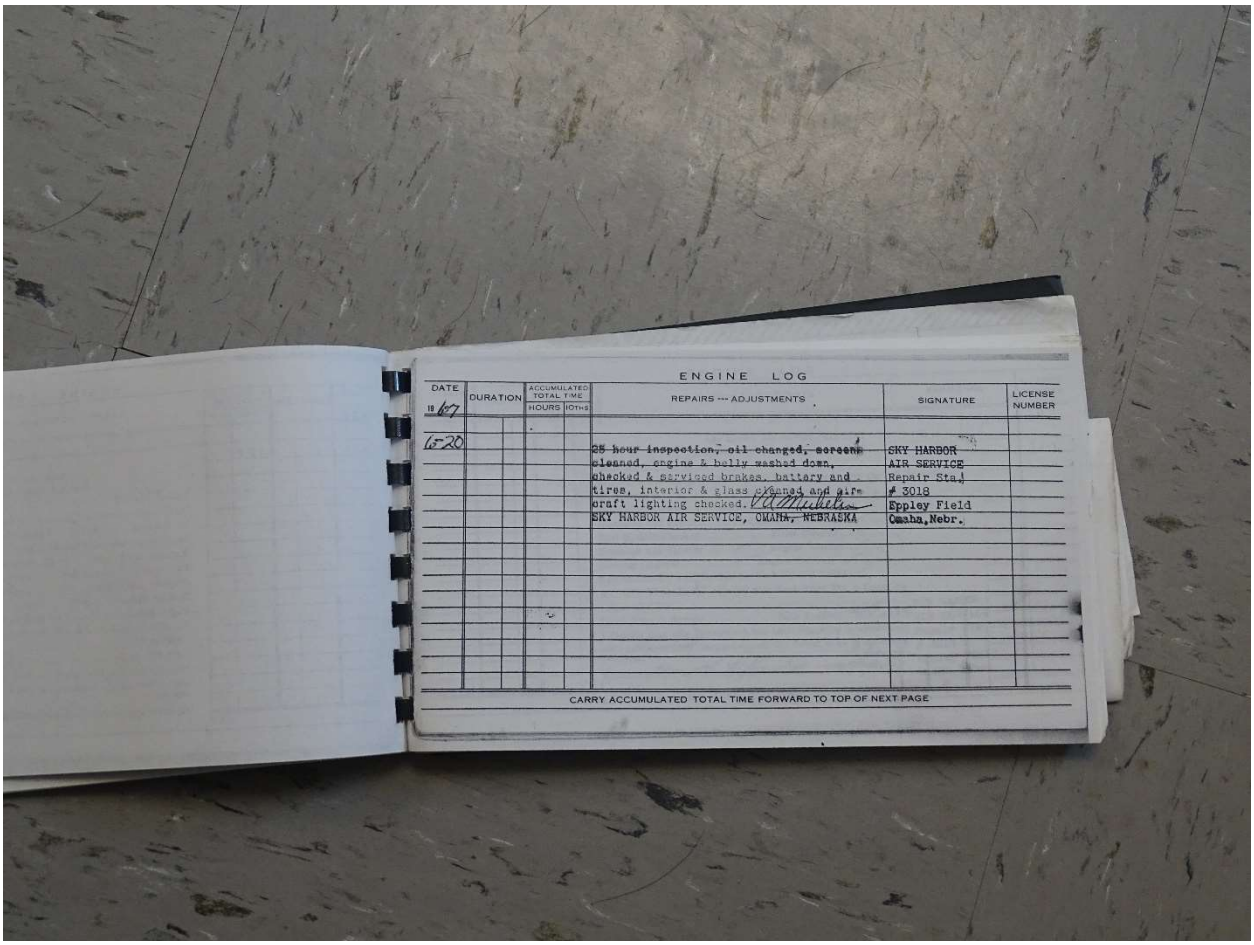
All AD's Thru 67-16 CW See Last Page For a Complete List of AD's

Total Time in Service ____ Tach Reading 287

I Certify that this Powerplant has been inspected in accordance with a Annual inspection and was found to be in airworthy condition.

Signature Kenneth A. Blackford AP# 1397666 I.A.

CAR



ENGINE LOG

| DATE 18 47 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| 1-20 | | | | | ~~25 hour inspection, oil changed, screens~~ | ~~SKY HARBOR~~ | |
| | | | | | cleaned, engine & belly washed down, | AIR SERVICE | |
| | | | | | checked & serviced brakes, battery and | Repair Sta. | |
| | | | | | tires, interior & glass cleaned and air- | # 3018 | |
| | | | | | craft lighting checked. V.A. Michelin | Eppley Field | |
| | | | | | SKY HARBOR AIR SERVICE, ~~OMAHA, NEBRASKA~~ | Omaha, Nebr. | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

| DATE 19 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

Sky Harbor Air Service, Box 1252
Eppley Airfield, Omaha, Nebraska

Date 6-13-68

Inspection Performed on Powerplant in Compliance with Car 43: Directives

Oil Changed ✓ Screens Cleaned ✓

Sparkplugs Checked and Gapped ✓ Compression ✓

Magnetos and Points ✓ Harness Checked ✓

Fuel System Checked ✓ Filter Cleaned ✓

Propeller and Spinner ✓ Engine Washed ✓

Cowling Checked ✓ Engine Controls ✓

Engine-Run-Up and Checked for Security and Leaks ✓

All AD's Thru 68-11-CW See Last Page For a Complete List of AD's

Total Time in Service ~~288~~ 345 Tach Reading

I Certify that this Powerplant has been inspected in accordance with a Annual inspection and was found to be in airworthy condition.

Signature Kenneth J. Gordon AP Inspector

SKY HARBOR AIR SERVICE Repair Sta. # 3018 Eppley Field Omaha, Nebr.

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG N 1478F

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 7-31-68 | | | | Tach Reads 443 hr. I certify That this engine has been inspected in accordance with an 100hr. inspection and was Determined To be in airworthy condition | Herman Hilbert AP 1798967 | |
| 8-11 | | 459 | 8 | oil changed Mobil grade | 100 SAE 50 | |
| 9-8 | | 490 | 09 | oil changed Mobil SAE 50 | | |
| | | 523 | 86 | oil changed | | |
| 10-15-68 | | | | Tach Reads 549hr I certify that this engine has been inspected in accordance with an 100hr inspection and was Determined To be in airworthy condition | Herman Hilbert AP 1798967 | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG N 1478F

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| | | 554 | 22 | Oil Change SAE 50 | | |
| 4-23-69 | Tach 653 hrs. I certify That this engine has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition Norman Aldreth AP 1798967 | | | | | |
| 9-13-69 | Tach 713 hrs I certify That this engine has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition Propeller Repaired by Maxwell Aircraft Service Inc work order 32682 Date 9-9-69 installed Norman Aldreth AP 1798967 | | | | | |
| 13 SEPT 69 | Tach 713 | | | I certify that this engine was inspected in accordance with the Annual Inspection & was determined to be in airworthy condition 13 SEPT 69 AP 1277247 | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 12-15-69 | Tach | 798 hrs. | | I certify that this engine has been inspected in accordance with the 100 hr. inspection and was determined to be in airworthy condition Thomas Wilhelm AP 1998967 | | |
| March 5-1970 | | tach | 897 hrs. | 3-5-70 Changed oil cleaned engine - cleaned oil screen cleaned air filter - Installed Longer Exhaust tail Pipes each side checked Spark Plug - new shock tube caps ok Magneto ok Installed new Ignition Switch - Part # C-9501-0102 | Differential Compression | check |
| | | | | | L F 74/80 | RF 45/80 |
| Hobbs Meter Reads 1053 hrs. | | | | I have inspected this Engine 100 hr. in accordance with a inspection and found it to be in airworthy condition. | L C 74/80 | RC 75/80 |
| Reading tach | | 897 hrs. | | | L R 70/80 | RR 85/80 |
| | | | | Tech. Sends 897 hrs Date 3-5-70 | | |
| | | | | D J Minikus A&P # 1338581 | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 1970 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| 4-3-70 | | | 934 | | Changed oil - Cleaned Air Filter Cab | | |
| | | | | | Dressed Neck for Propeller D.Minnick A&P # 235881 | | |
| 6-26-70 | | | 999 | hr | Cleaned & gapped Spark Plugs - Checked Mag Timing. | | |
| | Changed oil - | | | | Cleaned oil Screen - Cleaned Air Filter - Checked Magnetos | | |
| | Cleaned engine - Checked Compression - | | | | #1 #2 #3 #4 #5 #6 | | |
| | A&D # | 70-12-6 | | | Does not apply this Mod. - 63/80 67/80 64/80 64/80 61/80 63/80 | | |

I have inspected this Engine
in accordance with a 100 hr
inspection and found it to be in airworthy
condition.
Tach. Reads 999 Date 6-26-70
D.Minnick A&P # 235880

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 1970 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| 10-15- | | | 1124 | — | Cleaned + checked + dipped Spark Plugs – checked timing; Checked Compression – cleaned engine & Cleaned air Screen + oil filter; Checked Heater Muff + Ex Stacks – Flushed Carb. Per AD-69-24-3 | | |
| | | | | | D Monroe A+P # 3588 1 | | |

Differential Compression Check

| #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 |
|---|---|---|---|---|---|---|---|
| 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| 62 | 58 | 60 | 72 | 47 | 62 | | |

~~I have inspected this~~ Engine in accordance with a annual inspection and found it to be in airworthy condition.

~~Tach Reads~~ 1124 Date 10-15-70

D Monroe A+P # 3588 1

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

| DATE 1971 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 4-29- | | 1232 | - | 6-3-71 Eng removed - new Rings installed #627330-A1 | | |
| | | | | Bushes + Seals - Reseat + seat Valves - rebush all rocker | | |
| | | | | arm Bass - Cntr cylinder Right side Rod bushed Bass | | |
| | | | | + was welded by Chrome Plate San Antonio Texas - | | |
| | | | | Maintenance Release attached - in rear of Eng Bay | | |
| | | | | New set of Spark Plugs - 6 new spark Plug leads - | | |
| | | | | Mobil Red Band Non-Detergent Oil - Sump checked for | | |
| | | | | Leaks - Test flown ok - checked Muffler - Cleaned bid | | |
| | | | | Screen + Cart Air Filter. | | |
| | | I have inspected this Engine | | | | |
| | | in accordance with a Chap 100 Rev | | | | |
| | | inspection and found it to be in an airworthy | | | | |
| | | condition for VFR & ~~IFR~~ Flight Rules | | | | |
| | | Tach. Reads 1232 Date 6-3-71 | | | | |
| | | Total Hours | | D J Monier | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

D. E. Monier A & P #2556[illegible] FAC

ENGINE LOG

| DATE 19 71 | DURATION | ACCUMULATED TOTAL TIME HOURS | ACCUMULATED TOTAL TIME 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 2-9-71 | | 1255 | | Replaced Alternator: old one had broken wire in Rotor - Ward Aero Service Mariana Release attached | | |
| | | | | | B Monicke A&P # 235881 | |
| | | | | Changed oil - Mission because alternator removal | B Monicke | |
| 2-1-72 | | | | Installed new Propeller Nut & Cank, | B Monicke A&P # 235581 | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ward aero

SUBSIDIARY OF MEGALIST INDUSTRIES

THREE RIVERS, MICHIGAN 49093, U.S.A. Phone (616) 279-5211

WORK ORDER Number 9406

Aircraft or Engine Accessory ALTERNATOR

Manufacturer FORD GPD

Part Number

Model C6FF10300 C Serial No. W-15703

Overhaul, Repair and/or Modify the Accessory listed on this form to the current Manufacturers Specifications.

WA 020

MAINTENANCE RELEASE

The component identified on the reverse side of this tag was overhauled and/or repaired and inspected in accordance with Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

Supplemental work order number 9406

Signed [illegible] Date MAY 2 8 1971

NOTE: This tag should be attached to the logbook of the aircraft or engine on which the component was installed.

ward aero

SUBSIDIARY OF MEGALIST INDUSTRIES

THREE RIVERS, MICHIGAN 49093, U.S.A. Phone (616) 279-5211

F.A.A. APPROVED REPAIR STATION No. 3779

ACCESSORIES - LIMITED

MAGNETIC AND FLUORESCENT INSPECTION

WA 020

## ENGINE LOG

| DATE 19 | DURATION | | ACCUMULATED TOTAL TIME HOURS | ACCUMULATED TOTAL TIME 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| | | | | | I have inspected this Engine | 11-12-71 - Checked Carburetor | |
| | | | | | in accordance with a Annual | Cleaned + Repaired Spark Plugs - | |
| | | | | | Inspection and found it to be in an airworthy | Checked Mag Timing | |
| | | | | | condition for Non-Scheduled Flight Pass. | Cleaned air Screen - | |
| | | | | | Tach. Reads 1326 Date 11-12-71 | Cleaned air Filter - | |
| | | | | | Total Hours 1326 | Changed oil | |
| | | | | | B Moniches | Checked Muffler - | |
| | | | | | D. E. Monthei A & P #235881 I.A. | + Heat Muff - Cleaned | |
| | | | | | | engine - | |
| | | | | | | B Monthei | |
| | | | | | | A&P #235881 | |

Differential Compression Check:

| #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 |
|---|---|---|---|---|---|---|---|
| 80 | 80 | 80 | 80 | 80 | 80 | | |
| 77 | 77 | 77 | 76 | 74 | 74 | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

| DATE 19 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 30 June 1972 | | 1409. | | Checked compressions - cleaned and regapped spark plugs - checked mag. timing - greased air filter - cleaned oil sump - changed oil - Checked mufflers and heat muffs. Washed engine. Complied with AD 72-05 fourth year inspection. Overhaul starter. | | |

I have inspected this engine in accordance with a 100 Hr. inspection and found it to be in an airworthy condition.

Each Header 1409. Date 30 June '72.

Differental Compression Check

| #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 |
|---|---|---|---|---|---|---|---|---|
| 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| 77 | 77 | 77 | 78 | 69 | 77 | | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

1409.

ENGINE LOG

| DATE 1972 | DURATION | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|
| 1 Dec '72 | Tach. | 1487. | hrs. | Changed oil & ctr. Mobil grade 65. | | |
| | | | | Differential Compression Check | | |
| | | | | #1 #2 #3 #4 #5 #6 #7 #8 | | |
| | | | | 80 78 80 80 80 78 80 80 | | |
| | | | | 77 75 76 76 76 75 | | |
| | | | | I have inspected this engine in accordance with a 100 Hrs. inspection and found it to be in an airworthy condition for V.F.R. Flight. Date 1 Dec '72 | | |
| | | | | Francis J. Fougler | | |
| | | | | A&P 2179817 | | |
| | | | | I have inspected this Engine in accordance with a Annual inspection and found it to be in an airworthy condition for V.F.R. Flight. | | |
| | | | | Tach. Reads 1487 Date 12-1-72 | | |
| | | | | Total Hours 1487 | | |
| | | | | D E Monthei | | |
| | | | | D. E. Monthei A & P #235881 I.A. | | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE 19 | DURATION | | ACCUMULATED TOTAL TIME HOURS | 10THS | REPAIRS --- ADJUSTMENTS | SIGNATURE | LICENSE NUMBER |
|---|---|---|---|---|---|---|---|
| | | | | | THRU 1500 12-1-73 | | |
| | | | | | ENGINE MAJOR OVERHAUL, NEW MAIN BRG — | | |
| | | | | | Rod Brgs, Rings, gpo [illegible] Gasket — EXH valve | | |
| | | | | | Rod Bushing Rock arm Bushing — oil pump gears | | |
| | | | | | STD Rings All seals, gaskets, Crankcase Int Cam | | |
| | | | | | shaft polished. All seals & gaskets. Magnetized | | |
| | | | | | by Pipewell X-ray guys. Cylinders, Other Engine | | |
| | | | | | parts as awaiting and parts Spec. Thru 30 ND. | | |
| | | | | | New McCauley propeller installed. | | |
| | | | | | 12-1-73 | I CERTIFY THAT THIS ENGINE ~~AIRCRAFT~~ HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN A[illegible] T.T. 1500 PHONE [illegible] I.A. 1475015 | |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## PROPELLER INSPECTION & REPAIRS

| INSPECTION | | | REPAIRS | | |
|---|---|---|---|---|---|
| DATE | INSPECTED BY | CONDITION | DATE | REPAIRED BY | REPAIRS MADE |
| 12-12-74 | W and Dans engine | | | | Clean oil & fuel screen. Clean & test plugs. Pull #1 cyl because of leaky exhaust valve. Lap valve seat & valve and lap. Replace leaky rusty fuel line due to mechanical tube. Install smoother. Replace lock empirle coupling at mags per AD 74-03-05. Part entailed on left mag. Change oil. Engine runs satisfactory. |

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSPECTION REQUIREMENTS OF PART 43 OF THE FEDERAL AVIATION REGULATIONS

— 100hr

16.31

12-12-74

Larry Leslie

A&P 1479519

## PROPELLER INSPECTION & REPAIRS

| INSPECTION | | | REPAIRS | | |
|---|---|---|---|---|---|
| DATE | INSPECTED BY | CONDITION | DATE | REPAIRED BY | REPAIRS MADE |
| | | | | | 1-4-76 Changed oil. Cleaned oil filter screen. Cleaned spark plugs. Replaced 7 plugs. Leakdown test as follows ① 75/80 ② 68/80 ③ 76/80 ④ 78/80 ⑤ 64/80 ⑥ 76/80. Cylinders continued engine run up satisfactorily. Wash engine & cowl. |
| | | | | | I CERTIFY THAT THIS ENGINE ~~AIRCRAFT~~ HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. |
| | | | | | 168 SMOH |
| | | | | | TACH # 1678 |
| | | | | | I. I. 1678 |
| | | | | | ~~PRIEBE AIRPORT~~ LARRY PRIEBE I. A. 1475616 |

# PROPELLER INSPECTION & REPAIRS

| INSPECTION | | | | REPAIRS | |
|---|---|---|---|---|---|
| DATE | INSPECTED BY | INSPECTION | DATE | REPAIRED BY | REPAIRS MADE |
| | | I certify that this [illegible] was repaired and/or inspected in accordance with a annual inspection and is approved for return to service. Pertinent details are on file at this Repair Station under order No. 142 Date 6-6-77 TT 1716<br>TT 1716 Larry Ruble Inspector.<br>PRIDE AIRCRAFT<br>R. R. #7, Box 89<br>Findlay, Ohio 45840<br>F. A. A. Approved Repair Station C07-18 | | Lead dam test mag ① 175/50 ② 73/50 ③ 73/50 ④ 70/50<br>⑤ 73/50.<br>Change oil Clean screens | |
| | | I certify that this Cooper was repaired and/or inspected in accordance with a annual inspection and is approved for return to service. Pertinent details are on file at this Repair Station under order No. 372 Date 7-13-78 TT 1750<br>TT 1750 Larry Ruble Inspector. 250 hr SMOH<br>PRIDE AIRCRAFT<br>R. R. #7, Box 89<br>Findlay, Ohio 45840<br>F. A. A. Approved Repair Station C07-18 | | | |

## PROPELLER INSPECTION & REPAIRS

| INSPECTION | | | REPAIRS | |
|---|---|---|---|---|
| DATE | INSPECTED BY | CONDITION | DATE REPAIRED BY | REPAIRS MADE |

was repaired and/or inspected in accordance with [illegible] inspection and is approved for return to service. Pertinent details are on file at this Repair Station under order No. 794 Date 10-3-79 Tach 1769.91 TT 1769.91 [illegible] Inspector.

PRUDE AIRCRAFT
R. R. #7, Box 89
Findlay, Ohio 45840
F. A. A. Approved Repair Station C07-18

| | | | |
|---|---|---|---|
| 4/19/80 | REMOVED VACUUM PUMP AND INSTALLED AIRBORNE #11641 PUMP | | |
| | I/A/W CESSNA MANUAL. Jeffrey B. Bucher P 11554659 | | |
| | TACH TIME 1776.46 | | |

MEMORANDA

| Date | |
|---|---|
| April 21 1981 | tach time 1782.4 SMOH ~~[illegible]~~ 282.4 100 hour inspection for annual complete this date performed in accordance with a FAR 43 appendix D. Plugs cleaned and checked, 3 new REM40E's installed, mags checked and timed. Oil changed serviced with phillips multi-grade, oil screens checked, fuel strainer filter cleaned, compression checked 72/80 68/80 75/80 68/80 72/80 75/80, mufflers pulled & inspected. Prop dressed and painted. Engine run-up satisfactory. I certify that this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition. Roy S. Alexander A&P # 2279727 |

MEMORANDA

297.6

Date Aug 5 1982 Tach time 1797.83, ~~397.6~~ SMOH; 100 hr inspection performed this date. No. 6 cylinder removed due to low compression + rings were found to be badly worn, rocker arm boss bushings were also found to be turning on the boss and bosses were unserviceable due to this. Installed rebuilt cylinder assy provided by Clydesdale (see tag in back) and all new exhaust + intake gaskets + rubbers on #6 cylinder. Replaced firewall to fuel strainer fuel line due to leakage. Replaced #4 exhaust short stack. Tightened fuel strainer to pump fuel line. Repaired broken shroud on right hint muff. Removed wasp's nest from left + muffler. Treated corrosion in battery box + repainted. Removed mags in order to comply with AD # 80-06-05 and impulse couplings were checked + found satisfactory. ~~Removed~~ Reinstalled + timed mags. Dressed + painted propeller + replaced cracked spinner bulkhead. Drained oil + cleaned screen + checked for metal. Serviced with 6 qt. and break in run new cylinder + check for oil leaks OK.

Check AD # 76-07-12 on bendix mag switch by shutting off engine with switch.

I certify that this engine has been inspected in accordance with a 100 hr inspection and was found to be in airworthy condition. Richard R. Smith # A+P 2786458 5

MEMORANDA

| Date | |
|---|---|
| 4/22/83 | TACH 1802.4 HRS Installed used right mag with 100 HRS since overhaul S/N 608422. FR Coulter 1549357. |
| 8-28/83 | TACH 1905.1 ~~1039~~ 5 MOH 100 hour inspection completed in accordance with manufacturers instructions and FAR PART 43. Checked AD's thru 83-15 Installed new throttle control cable. |

I CERTIFY ~~THAT THIS AIRCRAFT OR ENGINE~~ HAS BEEN ~~INSPECTED IN ACCORDANCE WITH~~ AN ANNUAL ~~INSPECTION AND WAS FOUND~~ TO ~~BE IN AIRWORTHY CONDITION.~~

~~TOTAL TIME~~ 1905.1 ~~DATE~~ 8-28-83

~~SIGNED~~ FR Coulter

~~FRANK R. COULTER~~ 1549357 IA

PARTIAL MAINTENANCE RELEASE

MAKE CONTINENTAL SERIAL NO.

MODEL O-200 UNIT NAME CYL. ASSY.

I certify that the repair as listed on the reverse hereof made to the unit identified above was made and inspected in accordance with Part 43 of the United States Federal Air Regulations and approved for return to service.

Details on file at this agency under Work Order No. O-7319

SIGNED [illegible] AUTHORIZED

CHROME PLATE, INC.
9503 MIDDLEX

MAY 25 1971

REPAIR STATION NO. 2091
SAN ANTONIO, TEXAS 78217

CLYDESDALE AIRCRAFT
CORPORATION

COLUMBUS, OHIO

F.A.A. APPROVED
REPAIR STATION NO. 2723

# ACCEPTED OR SERVICEABLE TAG

NAME CYLINDER

TYPE O-200

S/N

P.O.

DATE 7-15-82

QTY. 1 ea

OVERHAULED CERTIFIED

CAC INSP. #2

REPAIRED

TESTED

REMARKS: OR CYL HEAD, NEW CHROME BARREL, NO VALVE ACTION PARTS, NO PISTON, NO RINGS

INSPECTOR SIGNATURE

Date 7-15-82

Signed ..... for

Clydesdale Aircraft Corporation
Cert. No. 2723
3650 E. 5th Ave. - Columbus, Ohio

The aircraft engine or appliance identified on the reverse side was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No. 24836.

# SLICK Service Letter

**SL1-91**
**FAA APPROVED**

United States of America
Department of Transportation—Federal Aviation Administration

## Supplemental Type Certificate

*Number* SE1220GL

*This certificate, issued to* Unison Industries Limited Partnership
530 Blackhawk Park Avenue
Rockford, IL 61104

*certifies that the change in the type design for the following product with the limitations and conditions thereto as specified hereon meets the airworthiness requirements of Part* 13 *of the* Civil Air *Regulations.* (See Type Certificate Data Sheet E-253 for the complete certification basis).

*Original Product—Type Certificate Number* E-253
*Make* Teledyne Continental Motors
*Model* 0-300-A,-B,-C,-D,-E, C-145-2,-2H,-2HP.

*Description of Type Design Change*
Replacement of Slick Model 664 magnetos with Slick Model 6264 in accordance with Slick Service Letter SL3-87, "Slick 6200 Series Magnetos for TCM 0-300 Series Engines" dated August 12, 1987, or later FAA Approved revision; or installation of Slick Model 6364 magneto in accordance with Slick Service Letter SL1-91, dated November 12, 1992, or later FAA Approved revision.

*Limitations and Conditions*
This approval should not be extended to other engines of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will introduce no adverse effects upon the airworthiness of the engines.
The limitations and conditions shown on Type Certificate Data Sheet Number E-253 for the Teledyne Continental Motors 0-300 and C-145 series of engines remain in effect.
A copy of this STC shall be included in the permanent records of each engine modified in accordance with this STC.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application* April 13, 1987
*Date of issuance* August 12, 1987
*Date issued* November 12, 1992
*Date amended* November 12, 1992

*By direction of the Administrator*
Donald P. Michal
(Signature)
Donald P. Michal, Manager
Chicago Aircraft Certification Office
(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.*
FAA Form 8110-2 (10-68)
*This certificate may be transferred in accordance with FAR 21.47.*

| ISSUED | | | REVISED | | | | | |
|---|---|---|---|---|---|---|---|---|
| MO | DAY | YR | MO | DAY | YEAR | Slick Aircraft Products, Unison Industries, 530 Blackhawk Park Avenue, Rockford, Illinois, U.S.A. 61104 | PAGE NO. | REVISION |
| 11 | 12 | 92 | — | — | — | © 1992 | 9 OF 9 | NONE |

United States of America
Department of Transportation — Federal Aviation Administration

# Supplemental Type Certificate

*Number* SE1220GL

*This certificate, issued to* Unison Industries Limited Partnership
530 Blackhawk Park Avenue
Rockford, IL 61104

*certifies that the change in the type design for the following product with the limitations and conditions thereto as specified hereon meets the airworthiness requirements of Part* 13 *of the* Civil Air *Regulations.* (See Type Certificate Data Sheet E-253 for the complete certification basis).

*Original Product — Type Certificate Number* E-253
*Make* Teledyne Continental Motors
*Model* 0-300-A,-B,-C,-D,-E, C-145-2,-2H,-2HP.

*Description of Type Design Change:*
Replacement of Slick Model 664 magnetos with Slick Model 6264 in accordance with Slick Service Letter SL3-87, "Slick 6200 Series Magnetos for TCM 0-300 Series Engines" dated August 12, 1987, or later FAA Approved revision; or installation of Slick Model 6364 magneto in accordance with Slick Service Letter SL1-91, dated November 12, 1992, or later FAA Approved revision.

*Limitations and Conditions:*
This approval should not be extended to other engines of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will introduce no adverse effects upon the airworthiness of the engines.
The limitations and conditions shown on Type Certificate Data Sheet Number E-253 for the Teledyne Continental Motors 0-300 and C-145 series of engines remain in effect.
A copy of this STC shall be included in the permanent records of each engine modified in accordance with this STC.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* April 13, 1987
*Date of issuance:* August 12, 1987
*Date issued:* November 12, 1992
*Date amended:* November 12, 1992

*By direction of the Administrator*

*(Signature)*

Donald P. Michal, Manager
Chicago Aircraft Certification Office
*(Title)*

*Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.*

FAA Form 8110-2 (10-68)

*This certificate may be transferred in accordance with FAR 21.47.*



© 1992

# AIRCRAFT EXHAUST SYSTEMS

1-800-338-5420 FAX (414) 763-3735

| | |
|---|---|
| NAME | |
| ADDRESS | |
| CITY | STATE / ZIP |
| MAKE & MODEL | |
| MUFFLER | SHROUD |
| STACKS | CLAMPS |
| TAILPIPES | RISERS |
| CUSTOMER PHONE NO. | CONTACT |

NOTES

2487 2457

2457

2484

2487

AD COMPLIANCE DUE UPON INSTALLATION

WORK ORDER NO. 61467

# DAWLEY AVIATION

140 Industrial Drive
Burlington, WI 53105

FAA Repair Station
NJ5R069N

| CONTINUATION | |
|---|---|
| Preliminary Date | |
| Hidden Damage Def. | |
| Qty Progress Date | |
| Final Date | |

## REPLACEMENTS

| | | | |
|---|---|---|---|
| ✓ | Flame Tubes, Cones, Cans Qty. 8 | ✓ | Inlay Qty. Ext + Qty 6 |
| | End Plate Overlay Qty. | ✓ | Outer Shell Qty 2 |
| ✓ | Beaded End Qty. 6 | ✓ | Qty 2 |
| ✓ | End Plates Qty. 4 | ✓ | Bal Qty 2 |
| | Ball Joint Qty. | | Blast |
| ✓ | Slip Joint Qty. 4 | | Grind |
| | Tailpipe Qty. | ✓ | Weld 2485 |
| | Overlay Qty. | | Fab |
| | Flange Qty. | | Pressure Test |

☐ CLEAN AND INSPECT ☐ REPAIR ☐ NO AD'S

☐ RED ☑ BLUE ☐ NORMAL

**MAINTENANCE RELEASE**

The aircraft/component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

AUTHORIZED AND CONDITIONS AGREED TO AS STATED ABOVE

BY DATE 2-2-25

# SERVICEABLE

Pertinent details of the exhaust system component repairs are on file at this repair station under:

Name Moore County A/P

Work Order No. 61467

Date 12-7-98

Inspected by

**Dawley Aviation**
140 Industrial Dr.
Burlington, WI 53105

1-800-338-5420

**FAA CRS No. NJ5R069N**

CHROME
#5
ON AT

HOOPER AIR, INC.
Wetumpka Municipal Airport
Elmore, Al 36025
FAA Certified Repair Station HOOPR332L

~~AIRCRAFT~~ _____ MODEL Class 6L SERIAL NO. H-1

~~REGISTRATION~~ _____ LOCATION OF REPAIR O.V.H.

MFG. NAME Continental COMPONENT NAME Cylinder

The Aircraft and/or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under:

WORK ORDER NO. 6692 DATE 9-26-91

SIGNED [signature] (Signature of authorized individual)

# AVIATION ENGINES, INC.

301 Airport Street
Bibb County Airport
Centreville, AL 35042
F.A.A. Certified #0AR057M
Phone: 1-(205) 926-5186

BILL TO: Lee Gibbs
ADDRESS:
CITY: STATE:
USER:
DATE: 8-2-95
ZIP NO.:
TEL. NO.:
CITY & STATE:
ADDRESS:

MANUFACTURER: Tcm
PHONE WHEN READY:
ORDER WRITTEN BY:

| MODEL | SERIAL NUMBER | REG. NUMBER | TACH. HRS. | WORK ORDER # | ☐ WARRANTY ☐ CASH ☐ CHARGE | ACCT. NO. |
|---|---|---|---|---|---|---|
| O-300 | | | | 2374 | | |

| ITEM | REPAIR ORDER INSTRUCTIONS | WORK PERFORMED | CHARGES |
|---|---|---|---|
| 1. | Cylinder Received Due to Blow by at Exhaust Valve. Disassembled Clean & Inspected Found Crack Rocker. Found Exhaust Valve NOT Seating Correctly. Owner's Valves, Springs Retainer, Pin & Piston Inspected Found to meet Factory New Limit. Replace Valves & Seats Remainder with New Keeper Leak Check Performed Satisfactory New Keeper Grp to Stems Assembled to Piston. Piston Assembled to Blow | 1. 653426 Repaired As Needed to Return to A Serviceable Condition | |

The engine/component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Chief Inspector:
Date: August 4, 95
Signed: AUTHORIZED SIGNATURE

Mechanic:
Date:

| LABOR: | HRS. @ | |
|---|---|---|
| | TOTAL LABOR | |
| | TOTAL PARTS | |
| | OIL | |
| | SHOP SUPPLY | |
| | SUBLET | |
| | SUB-TOTAL | |
| | LESS: WARRANTY LABOR | |
| | LESS: WARRANTY PARTS | |
| | SALES TAX | |
| | TOTAL AMOUNT | |

**AVIATION ENGINES, INC.**
**Bibb County Airport, Centreville, AL**
**FAA Certified Repair Station 1Q4R267M**
**MAINTENANCE RELEASE**

The engine/component identified on the reverse side was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order # 2374

Date August 4, 95

Signed _____
(Signature of authorized representative)

**AVIATION ENGINES, INC.**
**Bibb County Airport, Centreville, AL**
**FAA Certified Repair Station 1Q4R267M**

ITEM O-300 Cylinder Assy

PART No. 653426 SERIAL No. 2374-2

MFG. Ycm W.O. No. 2374

DISPOSITION Inspected & Repaired As Needed to Return to A Serviceable Condition

SIGNED _____ DATE 8-4-95

Cessna

SALES AND SERVICE

"LOOK FOR THE RED AND BLUE CESSNA PENNANTS FOR THAT EXTRA SERVICE WHERE IT COUNTS WHEN YOU NEED IT."

CESSNA AIRCRAFT COMPANY WICHITA, KANSAS

N1478F

Cessna

# Engine Maintenance Log

## AIRCRAFT AND ENGINE DESCRIPTION

235

| Cessna | C-172 | 17254973 | N1478F |
|---|---|---|---|
| Aircraft Mfgr. | Model | Serial | Registration |

Engine Mfgr. Continental Type Opposed Model O-300-D Serial No. 34541-D-6-D

Rated H.P. 145 Maximum H.P. 145 Weight (Dry)

Rated R.P.M. 2700 Maximum R.P.M. 2700 Oil Pressure

Bore Stroke Displacement Cu. In.

Owner's Name GEORGE DeVAUGHN

Address RT 6 BOX 314 City WAYNESBORO State MS. 39367

### INSTRUCTIONS

1) All Engine Maintenance is to be recorded on the Log Sheets provided in this Log Book.
2) The column headed "Description of Inspection, Repair and Overhaul" is particularly important, for in this column all the details concerning the following are to be entered:
   a) Line and Periodic Inspection, Alterations, Repair and Overhaul.
   b) When repairs or alterations necessitate submission of FAA Form 337, an entry is to be made in this column and the original of the Form 337 stapeled at the back of this manual.
   c) All entries must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
3) If the engine is removed from the aircraft, this Engine Log Book is to be transferred with the removed engine.
4) Compliance with Service Letters and Airworthiness Directives applicable to the engine are to be recorded on the page at the back of this log.

D5061-13

## ENGINE MAINTENANCE LOG

| DATE 1984 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic. |
|---|---|---|---|
| Sept. 16, 1984 | TACH Time 2029.0 | | |
| | Topped overhauled all six cylinders, replaced 4 exhaust valves, replaced rocker arm bore bushings, replaced all rings, replaced all seals and gaskets, replaced valve seats and springs | | |
| | See yellow tags. 526.8 3MOH | | |
| | I certify that this Engine has been inspected in accordance with a 100 Hr. inspection and has been determined to be in airworthy condition. Harold R Cooper | | |
| | A&P 1722729 | | |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 84 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 23 Nov | 2052 | 66 | Changed oil c̄ aeroshell 50 wt – 8 quarts when |
| 16 Feb 85 | 2089 | 52 | Changed oil c̄ aeroshell 50 wt. – 7 quarts when. |
| 24 Apr 85 | 2139 | 89 | Compression ck: Cyl 5 80/68 Cyl 6 80/66 |
| | | | Cyl 3 80/77 Cyl 4 80/74 |
| | | | Cyl 1 80/78 Cyl 2 80/74 |
| | | | Chg. oil c̄ AEROSHELL 50 wt. 8 quarts. |
| 2 June 85 | 2177 | 79 | Changed oil w/ Aeroshell 50 WT 7 QTS [illegible] |
| ~~4 July 85~~ | ~~2217~~ 2217 | 10 | chg. oil w/ aeroshell 50 wt. 7 QTS when |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19____ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| | 2224. | 3 | DRAINED ENG. OIL, INSPECTED + CLEANED SCREEN. REPAIRED |
| | | | No. 6 + No 2 CYLS. STICKING EXHAUST VALVES INSTALLED NEW HYD. |
| | 7221 | SMOH | LIFTER UNIT, PUSH ROD + ROCKER ARM ON No. 2 CYL. (EXHAUST) |
| | | | DIFF COMP CK CYL. No 5 80/68, No 3 80/70, No 1 80/78, No 6 80/66 |
| | | | No 4 80/66 No. 2 80/70 INSTALLED NEW BRACKET AIRFILTER |
| | | | ASSY. TIMED MAGNETOS. INSP'D ENG MOUNTING, INDUCTION |
| | | | EXHAUST, ELECT. FUEL + CONTROL SYSTEMS I CERTIFY THIS |
| | | | ACFT ENG HAS BEEN INSP'D I/A WITH A 100 HR INSP |
| | | | + DETERMINED AIRWORTHY [illegible] A+P 1287 P34 |
| 22 X 85 | | | I certify that this engine has been inspected IAW an annual inspection and is in an airworthy condition |
| | | | James E. Roberts |
| | | | A+P FA 1819286 |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

AIRCRAFT AND ENGINE DESCRIPTION

## ENGINE MAINTENANCE LOG

| DATE 19 86 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 1-16-86 | 2243 | 0 | Changed oil w/ Aeroshell 100W - 50 wt. [illegible] |
| 2-28-86 | 2263 | 0 | Changed oil w/ Aeroshell 100W - 50 wt [illegible] |
| 8/8/86 | | | THIS ACFT. ENG. APPROVED FOR AUTOMOTIVE FUEL I/A/W STC SE2006CE M. Stadelis A&P 1287834 |
| 8-18-86 | 2287 | 0 | Changed oil w/ Aeroshell 100W - 50 wt [illegible] |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 86 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 10/2/86 | 2293. | 1 | 100 HR. INSP (ANNUAL) |
| | | | DRAINED ENG OIL, INSP'D + CLEANED ENG OIL SCREEN, SERVICED |
| | 800.9 | SMOH | WITH 8 QTS AERO SHELL W. 20 WT. REPLACED BRACKET FILTER |
| | | | ELEMENT. DIFF COMP CK CYL. NO1 80/79, NO3 80/78, NO5 80/78 |
| | | | NO6 80/65, NO4 80/68, NO2 80/64. TIMED MAGS (SLICK). INSP'D. |
| | | | ENG. MOUNTING, INDUCTION, EXHAUST, ELECT, FUEL + CONTROL SYS. I CERTIFY |
| | | | THIS ACFT. ENG HAS BEEN INSP'D I/A/W A 100 HR. INSP + |
| | | | DETERMINED AIRWORTHY M. Stadelis A&P 1287834 |
| 10-26-86 | 2293 | 1 | I certify that the engine has been inspected |
| | | | IAW 100 annual inspection and is in a |
| | | | airworthy condition. |
| | | | James Eckhart |
| | | | A&P IA 1348286 |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 5-9-87 | 2309 | 0 | Changed oil with Aeroshell 100w-50 wt. H. Delaugh |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 | ACCUMULATED TOTALS Hours | 10ths |
|---|---|---|
| 11/23 | | |

**AERO-TECH ENGINEERING**
707 EAST FRANKLIN BLVD.
GASTONIA, NORTH CAROLINA 28054
1-800-421-5442 · 704-866-4703

THIS ENGINE SER. # 34541-D-6-D WAS

OVERHAULED THIS DATE 11-23-87 TIME _____

PER F.A.A. REGULATIONS AND MFG. SPEC. THIS ENGINE FOUND

TO BE AIRWORTHY FOR RETURN TO SERVICE

**WARRANTED 250 HOURS CONDITIONALLY**

A & P NAME Jerry D. Harper NO. 245083766

## ENGINE MAINTENANCE LOG

| DATE 19 88 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 1-9-88 | | | 100 HR. INSP. "ANNUAL" |
| | 2316. | 32 | TOTAL ON ENG. "0" SMOH. REMOVED ENG. SENT TO AERO- |
| | | | TECH ENGR. FOR O/H. REINSTALLED ENG + ALL |
| | | | SYSTEMS. GROUND RUN CK'D + ADJUSTED INSTALLATION |
| | | | FLT TESTED ACFT WITH NEW O/H ENG. CK'D OK |
| | | | I CERTIFY THIS ACFT ENG HAS BEEN INSP'D I/A/W A |
| | | | 100 HR. INSP + DETERMINED AIRWORTHY. [illegible] A+P 1287934 |
| 1-9-88 | | | Certify that this engine has been inspected |
| | | | I/AW has agreed regulation and was |
| | | | airworthy condition |
| | | | James E [illegible] |
| | | | IA 1819286 |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 88 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 10-7-88 | 2335. | 0 | CHANGED OIL WITH NON DETERGENT 50WT SHELL [illegible] |
| | | | ANNUAL INSP. 2/2/89 |
| TOTAL TM ON ENG 2341.32, 2506 SMOH | | | |
| | | | INSP'D + CLEANED ENG. OIL SCREEN, SERVICED WITH |
| | | | 50WT STRAIGHT MINERAL OIL, COMPRESSION: CYL NO 2 |
| | | | 80/70, NO 4 80/70, NO 6 80/70, NO 5 80/71, NO 3 80/70, |
| | | | NO 1 80/71. CK'D MAG TIMING. REPLACED |
| | | | BRACKET FILTER ELEMENT INSP'D ENG I/A/W |
| | | | FAR PART 43 APPENDIX D. I CERTIFY THIS ACFT |
| | | | ENG HAS BEEN INSP'D I/A/W AN ANNUAL INSP. |
| | | | + DETERMINED AIRWORTHY. [illegible] 1287934 + IA |
| 12-7-89 | 2349. | 6 | CHANGED OIL WITH AEROSHELL 100W - 50WT [illegible] |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 90 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| | | | ANNUAL INSP 6/11/90 |
| | 27.98 | SMOH | DRAINED ENG. OIL, INSP'D. + CLEANED ENG OIL SCREEN |
| | | | SERVICED WITH 7 QTS AEROSHELL W 50 WT. CK'D |
| TACH | TM2384.3 | | MAG TIMING. DIFF COMP. CK CYL. NO5 80/65, NO. 3 |
| | | | 80/70, NO1, 80/65, NO6 80/70, NO4 80/65, NO2 |
| | | | 80/70 REPLACED BAGNET FILTER ELEMENT I CERTIFY |
| | | | THIS ACFT. ENG HAS BEEN INSP'D I/A/W AN ANNUAL |
| | | | INSP + DETERMINED AIRWORTHY M. Skodalis 1287734 IA |
| 4/08/91 | 55.12 | SMOH | ANNUAL INSP. |
| TACH | TM2381.44 | | DRAINED ENG. OIL INSP'D + CLEANED ENG. OIL SCREEN SERVICED WITH |
| | | | 7 QTS AEROSHELL W 50 WT. CK'D MAG TIMING. DIF COMP. CK NO5 80/75, |
| | | | NO3 80/70, NO1 80/70, NO6 80/70, NO4 80/65 NO2 REMOVED NO2 CYL INSTALLED |
| | | | NEW RINGS + LAPPED BOTH VALVES. SWAGGED LEAKING PUSH ROD TUBES |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19____ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| | | | INSP. CONTINUED |
| | | | REPLACED BAGNET FILTER ELEMENT. I CERTIFY THIS ACFT ENG HAS BEEN |
| | | | INSP'D I/A/W AN ANNUAL INSP. + DETERMINED TO BE AIRWORTHY. |
| | | | M. Skodalis A+P 1287734 IA |
| 5-24-91 | 2428 | .44 | Oil changed + screen cleaned John L Dickson Pilot/owner #209200030 CFI |
| 6-26-91 | 2460. | 71 | Oil changed + screen cleaned John L Dickson Pilot/owner #209200030 CFI |
| 8-23-91 | 2498. | 26 | Oil changed + screen cleaned John L Dickson Pilot/owner #209200030 CFI |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 91 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 10/5/91 | TACH 2584.89 | | INSTALLED CYLINDER FROM HOOPER AIR, INC. FAA#RS #00RR 3322 STD. CHROME CLASS G1. UNIT WAS OVERHAULED ON 9-26-91 ON W/O 6692. CYLINDER INSTALLED IN #5 POSITION WITH NEW SA1000-5C RING SET AND SA200-71 GASKET SET. OIL WAS DRAINED, SCREEN CLEANED AND REINSTALLED. SUMP SERVICED WITH 8 QTS PENNSHELL 100 MINERAL. ENGINE GROUND RAN & LEAK CHECKED, NO LEAKS ~~NOTED~~. ENGINE FLOWN FOR 1 HR, NO PROBLEMS NOTED. ~~[illegible]~~ |
| 5-28-92 | 2620 | .8 | Oil changed and screen cleaned. [signature] PBI/Dennis #512686298 |
| | 2945 | SMOH | |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19____ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 5-25-92 | | | I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED |
| TACH | 2620 | .8 | IN ACCORDANCE WITH A 100 HR INSPECTION AND FOUND |
| | | | TO BE IN AN AIRWORTHY CONDITION |
| | | | #1 #2 [signature] |
| | | | 71/80 70/80 A&P 2132355 I.A. |
| | | | #3 #4 |
| | | | 73/80 74/80 |
| | | | #5 #6 |
| | | | 73/80 72/80 |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19__ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 29 MAY 93 | | | ACFT Tach Time 2771.9 Eng TSMOH 455.9 |
| | | | (1) Comp. ck as Follows #1 75/80 #2 74/80 #3 74/80 #4 72/80 #5 74/80 #6 70/80 |
| | | | (2) Mag Timing ck |
| | | | (3) Oil & Filter changed |
| | | | (4) Plug's cleaned & Gapped |
| | | | (5) All valve cover Gasket's Replaced |
| | | | I certify this Eng & Prop has been inspected IAW an annual inspection & was determined to be in an airworthy condition |
| | | | William D. Hunt |
| | | | A&P 2091512IA. |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19__ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 10/1/93 | | | Oil change & screen Clean (John) |
| 7-18-94 | | | ACFT ~~TACH~~ TACH & ENG TOTAL TIME 2843.5 |
| | | | 1. COMPRESSION CHECK AS FOLLOWS #1 77/80 #2 73/80 #3 74/80 #4 72/80 #5 72/80 #6 68/80 |
| | | | 2. New Plugs installed. |
| | | | 3. New RH Mag Gasket installed. |
| | | | 4. Mag Timing adjusted. |
| | | | 5. New valve cover gaskets installed. |
| | | | 6. Push Rod Tubes on #2 cylinder Reseated. |
| | | | 7. Eng. Ground Run after all work completed ok. |
| | | | 8. Oil changed & screen cleaned. (Even) |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19___ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 7-18-94 | | | I certify THAT THIS ENG & PROP HAS BEEN INSPECTED IAW A ANNUAL INSPECTION & WAS determined to be in AIRWORTHY CONDITION [signature] A&P 709151ZIA. |
| 2-1-95 | 2850 | tach time 77 | TACK Time 2850.77 Replaced 1 cylinder ASSY, Replaced All Gaskets, Gapped spark plugs, Set mag timing & changed oil ~~I~~ certified Ground ran Engine. I certify that Engine was inspected and ~~found~~ determined (cont) |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19___ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| | | | to be in Air worthy condition [signature] A&P 424843822 |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 1995 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 8-9 | TACH | | Completed A 100hr Inspection In Accordance with An C172 Inspection |
| | 2881 | 44 | Guide & Maintenance Manual. Research & complied with A.D.'s through |
| | | | 95-16L. See A.D. list. Compression ck As Follows. #1 78/80 #2 60/80 |
| | | | #3 78/80 #4 78/80 #5 78/80 #6 78/80. Removed #2 cylinder due to Exhaust |
| | | | Blow by & Sent to Aviation Engine For Inspection & Repair. Reinstalled |
| | | | Cylinder. (See A.D.'s Yellowbook) Drained o.l., Inspected all screens, Lubed ~~the~~ Engine controls. |
| | | | Serviced with 8Qts Aeroshell W100. Cleaned, Inspected, Gapped, & Rotated Spark Plugs. |
| | | | Ground Run & ops check normal, No Leaks Noted. This Engine is found to be |
| | | | in An Airworthy Condition. Obby Land A&P 585212791 |
| | | | OBBY R. LAND |
| | | | A & P 585212791 |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 1995 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| AUG10 | 2881 | 44 | TACH |
| | 565 | 44 | SMOH I Certify That This Engine Has Been |
| | | | Inspected In Accordance With An Annual |
| | | | Inspection And Found To Be In An Airworthy Condition |
| | | | Charles N. Wood Jr. IA 1472045 |
| | | | Aug 10, 1995 TACH 2881.44 SMOH 465.44 |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19___ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 9-7-96 | | | TACH & TOTAL TIME 2912 SMOH 596. |
| | | | 1. COMPRESSION CHECK AS FOLLOWS. #1 66/80 #2 68/80 |
| | | | #3 71/80 #4 70/80 #5 61/80 #6 71/80 |
| | | | 2. PLUGS CLEANED & GAPED. |
| | | | 3. MAG TIMING CHECKED. |
| | | | 4. PROP PAINTED. |
| | | | 5. ENG GROUND RUN OK AFTER ALL WORK COMPLETED. |
| | | | 6. Date 9-7-96 ACTT Tach Time ___ |
| | | | Engine Total Time ___ SMOH ___ STOH ___ |
| | | | I CERTIFY THAT ENG & PROP ___ has |
| | | | been inspected IAW A ANNUAL ___ inspection |
| | | | and was determined to be in airworthy condition. |
| | | | William D Hunt |
| | | | William D. Hunt |
| | | | A&P 2081512 LA |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19___ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 10-6-97 | | | TACH & TOTAL TIME 2933.6 SMOH - 617.6 |
| | | | 1. COMPRESSION CHECK AS FOLLOWS #1 71/80 |
| | | | #2 69-80 #3 70/80 #4 70/80 #5 68/80 #6 71/80 |
| | | | 2. PLUGS CLEANED & GAPED. |
| | | | 3. MAG TIMING CHECKED. |
| | | | 4. OIL CHANGED & SCREEN CLEAN. |
| | | | 5. ENG GROUND RUN OK AFTER ALL WORK COMPLETED. |
| | | | Date 10-6-97 ACTT Tach Time 2933.6 |
| | | | Eng Total Time 2933.6 SMOH 617.6 STOH ___ |
| | | | I certify that this ENG & PROP ___ has |
| | | | been inspected IAW A ANNUAL ___ inspection |
| | | | and was determined to be in airworthy condition. |
| | | | William D Hunt |
| | | | William D. Hunt |
| | | | A&P 2081512 LA |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

MOH 2,316 TACH

## ENGINE MAINTENANCE LOG

| DATE 19 97 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 12-15 | 2960 | 8 | Drained oil and ~~changed filter~~ cleaned screen. Serviced |
| SMOH | 644 | 8 | with 8 qts. Aeroshell W100. Washed and ran engine, no leaks. |
| | | | BND |
| | | | THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER ORDER NUMBER 99 3978 DATE 12-15-97 SIGNED [signature] FOR BAMA AIR, INC. REPAIR STATION FPQR983D |
| 1/18/98 | 2984 | 5 | Drained oil, cleaned screen, 7 qts. Aeroshell W50. Washed, ran engine, ckd for leaks. |
| SMOH | 6685 | | John Hightower - OWNER #450647400 |
| 3/11/98 | 3997 | 55 | Installed new Brackett air filter element, pt. # BA-6108 |
| | | | John Hightower - OWNER #450647400 |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 98 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 2/16 | 2998.5 | TACH | REMOVED ENGINE OIL SCREEN AND INSTALLED OIL FILTER KIT P/N CO-300-1, |
| | 682.3 | SMOH | S/N-11210. DRAINED OIL AND SERVICED WITH 8 qts. AEROSHELL W100. |
| | | | SEE S.T.C. # SE840950 FOR LIMITATIONS AND CONDITIONS. REPLACED ROCKER BOX |
| | | | COVER GASKET ON #5 CYLINDER WITH NEW. ~~SEE FORM 337 FOR~~ |
| | | | ~~FOR DETAILS ON FILTER INSTALLATION.~~ WASHED AND RAN ENGINE. NO LEAKS NOTED. |
| | | | 337 NOT NEEDED. STC STATES THIS MODIFICATION TO BE MINOR CHANGE. |
| | | | ~~THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER ORDER~~ NUMBER 4095 DATE 2/16/98 SIGNED [signature] ~~FOR BAMA AIR, INC. REPAIR STATION FPQR983D~~ |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 98 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 2/19 | 2999. | 6 Tach | REMOVED AND REPAIRED BOTH MAGS WITH NEW SLICK MODEL 6364. |
| | 683. | 6 Smoh | LEFT S/N: 96110941 RIGHT S/N: 96110939. INSTALLED NEW HARNESS |
| | | | AND PLUGS. SET TIMING. MAG CHECK 1700 RPM 75 RPM R/L DROP 50 RPM. |
| | | | LEAK CHECK AT MAG BASE AFTER ENGINE RUN. NO LEAKS NOTED. |
| | | | REMOVED OIL FILTER KIT P/N CO-300-1, STC # SE8409SW NO |
| | | | LONGER APPLIES TO THIS AIRCRAFT. REINSTALLED ORIGINAL OIL SCREEN. |
| | | | REPOSITIONED OILER ROCKERS ON CYLINDERS TO CORRECT EXHAUST VALVE POSITION |
| | | | PER MANUAL. MAGNETO RUN ENGINE NO LEAKS NOTED. |

THE AIRCRAFT AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.
COMMENT DETAILS OR THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER ORDER NUMBER 4100 DATED 2/19/98
SIGNED [signature] FOR BAMR
AIR INC. REPAIR STATION #[illegible]

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 98 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 12-22 | 3042. | 3 TACH | REPAIRED LH EXHAUST CLAMP. REPLACED ALL |
| | | | SCAT HOSES, CHANGED OIL, INSPECTED SCREEN FOR |
| | | | METAL - NONE - FOUND. REFILLED WITH 8 QTS OF |
| | | | AEROSHELL 80 OIL. LEAK CHECKED GOOD |
| | | | REPLACED INTAKE FILTER. REMOVED AND REINSTALLED |
| | | | EXHAUST STACKS AND MUFFLERS. TO BE OVERHAULED |
| | | | BY DAULEY AVIATION CRS #NJ5R069N. REPLACED |
| | | | CARB FUEL LINE FITTING. C/W AD 76-07-12 BENDIX S.B. |
| | | | BY OPERATION - CHECKED GOOD, NEXT DUE @ 3142.3 |
| | | | C/W AD 81-15-03 BRACKETT AIR FILTER BY INSPECTION |
| | | | NO DEFECTS, NEXT DUE @ 3142.3 C/W AD 96-09-06 |
| | | | BRACKETT GASKET BY INSPECTION - NO DEFECTS |
| | | | NEXT DUE @ 3142.3 HRS |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19__ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| | | | Comp TEST #1 75/80 #2 74/80 #3 75/80 #4 74/80 #5 74/80 #6 74/80 |
| | | | ~~DATE~~ 12-22-98 ~~A/C TT~~ 3042.3 |
| | | | ~~I CERTIFY THAT THIS~~ ENGINE |
| | | | HAS BEEN INSPECTED IN ACCORDANCE |
| | | | ~~WITH A~~ ANNUAL ~~INSPECTION~~ |
| | | | AND IS APPROVED FOR RETURN TO SERVICE. |
| | | | A DETAILED REPORT OF REPAIRS IS ON FILE |
| | | | ~~AT MOORE COUNTY AIRPORT, PINEHURST, NC~~ |
| | | | ~~UNDER~~ WORK ORDER # 4025 . |
| | | | ~~FAA APPROVED~~ REPAIR STATION #Q2RR743L. |
| | | | Michael L Dennis |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 19 99 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 12/5/99 | Tach | 3042.8 | performed comp check #1 74/80 #2 74/80 #3 75/80 #4 74/80 #5 74/80 |
| | 726.8 | Smoth | #6 75/80 Changed Oil, Inspected oil Screen for |
| | | | METAL - None found, Refilled with 8 qts of Aeroshell |
| | | | 15W50 oil. Replaced Crankshaft plugs, Inspected all |
| | | | Fuel and oil lines all ok Lubricated and Control |
| | | | Cables. Guand Ran Engine NO Leaks Noted |
| | | | I Certify That This Engine has been Inspected |
| | | | in Accordance with an Annual Inspection and |
| | | | was determined to be in an Airworthy Condition |
| | | | and Returned to Service this date 12/5/99 |
| | | | Reviewed AD' Thru 99-23 Rev. Michael R Dennis A&P 1791788 IA |
| 4-5-00 | Tach | 3066 - | Changed oil / Cleaned Filter - JDS 237783310 |
| 7-11-00 | Tach | 3091 | Changed oil / Cleaned Filter - JDS 237783310 |
| 10-16-00 | Tach | 3116 | Changed oil - / Cleaned Filter - JDS 237-78-3310 |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 2001 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul.<br>ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 6-1-01 | TACH | 3123.8 | performed ANNUAL Inspection per Cessna and Lycoming |
| | SMOH | 807.8 | check list. COMP CHECK #1 78/80 #2 78/80 #3 76/80 #4 74/80 #5 78/80 |
| | | | and #6 62/80 Changed oil, Inspected oil screen OK Service |
| | | | with 8 qt of Aeroshell 15W50 oil. Inspected all fuel |
| | | | and oil lines, lub and engine control point. Ground |
| | | | run engine all OK. Donald R Bennett A&P 1791788 IA |
| | | | I Certify THAT THIS engine was been inspected |
| | | | IN Accordance WITH AN ANNUAL Inspection and was |
| | | | determined TO be in an Airworthy Condition — |
| Review AD | | | Donald R Bennett A&P 1791788 IA |
| Thru 2000-23 Rev. | | | |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 2002 | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul.<br>ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| 1/09/02 | TACH | 3155.1 | Performed 100 annual inspection per Continental service manual and local |
| | SMOH | 839.1 | checklist. Compression tests as follows: #1 72/80, #2 72/80, #3 72/80, #4 72/80, #5 72/80, #6 72/80 |
| | | | Drained oil, inspected oil screen - check ok. Serviced engine with 8 qts of Aero- |
| | | | shell 80W. Inspected fuel & oil lines. Lubed & inspected all engine controls. |
| | | | Cleaned & regapped spark plugs. Reviewed recurring AD's - 94-05-05R1 |
| | | | N/A at this time - due at overhaul or cylinder removal. Ground Ran engine - check |
| | | | ok. |
| | | | A/C REG. # 1478F DATE 1/9/2002 |
| | | | TOTAL A/C TIME 3155.1 HRS. TACH TIME 3155.1 |
| | | | I CERTIFY THAT THIS ~~A/C~~ ENGINE HAS BEEN INSP... |
| | | | ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL ... |
| | | | INSPECTION AS PER ~~FAR 43 APP D~~ |
| | | | DETERMINED TO BE IN AN AIRWORTHY CON... |
| | | | AND RETURNED TO SERVICE |
| | | | Richard A Taylor 24560224 IA |
| | | | NAME CERTIFICATE NO. |

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

| DATE 2002 ~~19~~ | ACCUMULATED TOTALS Hours | 10ths | Description of Inspection, Repair and Overhaul<br>Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of **either** the FAA Repair Station or the mechanic. |
|---|---|---|---|
| TACH | 3181 | 78 | JUNE 20,02 DRAINED OIL. FILLED WITH 7 QTS. AEROSHELL |
| TSMOH | 865 | 78 | 15W50. PERFORMED LEAK CHECK, NOT DISCREPANCIES |
| | | | NOTED. RETURN TO SERVICE. |
| | | | DAVID GANTT A&P 229410156 |

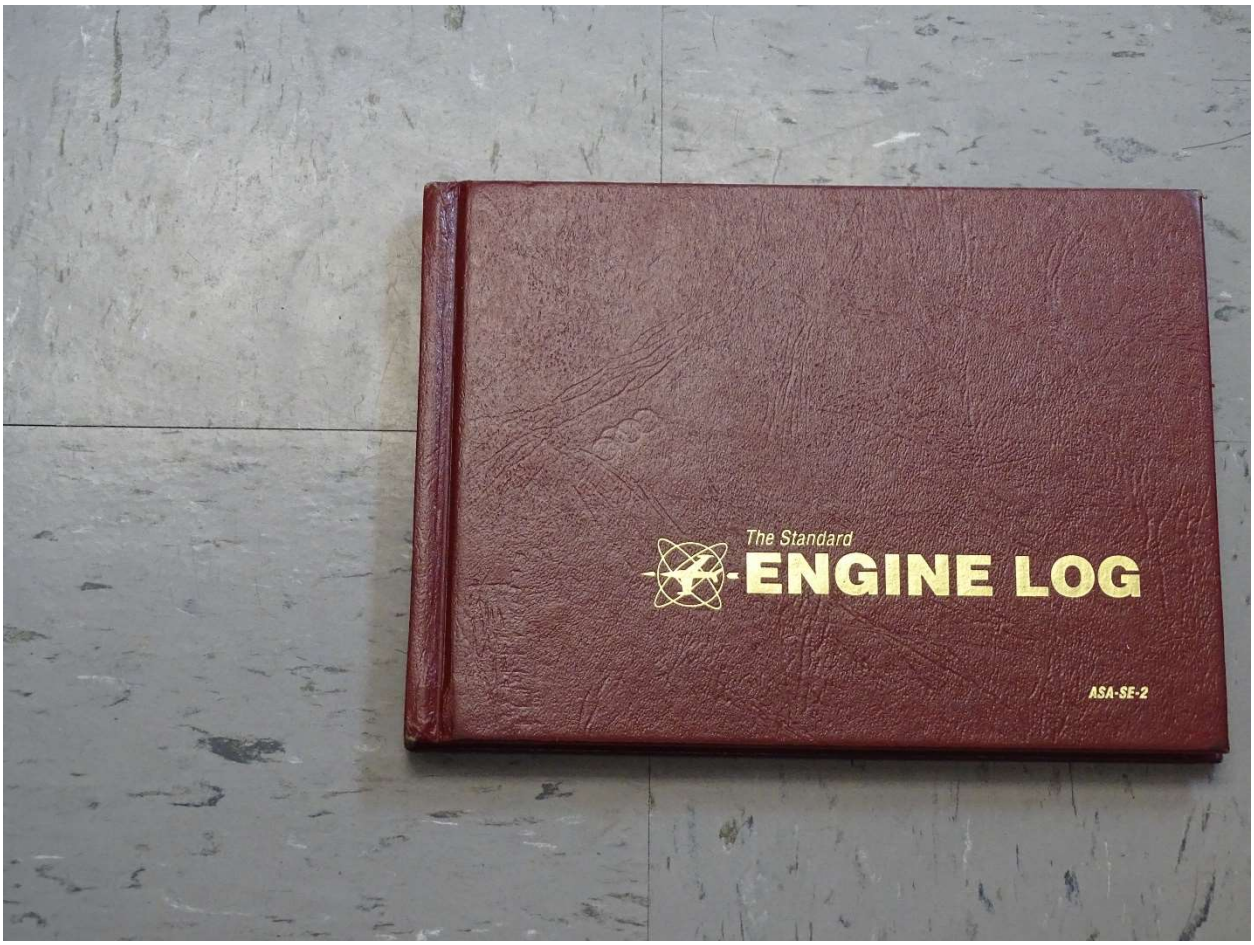
CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## SERVICE INFORMATION LETTER AND AIRWORTHINESS DIRECTIVE LOG

| Date 19____ | Service Information Letter Number | Airworthiness Directive Number | Remarks | Signature |
|---|---|---|---|---|
| | | | | |

Cessna

**Cessna Aircraft Company**
P.O. Box 949
Wichita, Kansas 67201


The Standard
ENGINE LOG
ASA-SE-2

| YEAR / DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | July 18, 2004 TACH: 3251.3 TSMOH: 935.0<br>Performed 100-hr inspection I/A/W Cessna Service Manual 100 Series and Teledyne Continental Service Manual. Cleaned engine and performed differential compression check; #1 64/80, #2 67/80, #3 68/80, #4 70/80, #5 68/80, #6 62/80. Installed new Autolite spark plugs. Drained oil, filled with 6qts. of Aeroshell 100W and installed new oil filter CH48108. Lubed all controls. Complied with the following Airworthiness Directives; AD72-06-05 R2 Marvel Schebler carburetors by installation of new parts from Precision Airmotive (throttle shaft P/N CP13-1531 and lever 12B57) All other AD's P/C/W or N/A at this time. This engine has had a 100-hr inspection and been found to be in an airworthy condition at this time.<br>David R. Gantt A&P 229410156 AP 229410156 |
| | | | | July 18, 2004 TACH: 3251.3 TSMOH: 935.0<br>An annual inspection has been performed on this engine per Cessna Service manual 100 Series and Teledyne Continental Service Manual. This engine has been found to be in an airworthy condition at this time.<br>Chris L. Wright A&P422946232IA AP422946232IA |

| YEAR / DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | NORTH ALABAMA AVIATION<br>P.O. BOX 70<br>TANNER AL. 35671<br>Reg #: 1478F S/N: CESSNA TSMOH: 949.8<br>Date: 05-05-2005 WO #: _____ ENG TT: 3260.1 Tach: 3260.1<br>Engine annual inspection completed this date I/A/W CESSNA INSPECTION REPORT AS A GUIDE AND F.A.R. 43 APP. D, A.D.'s checked thru Rev. 2005-09,ENGINE OIL SERVICED WITH 8 QTS SHELL W 100, INSPECTED OIL SCREEN,NO CONTAMINATION NOTED,ENGINE COMPRESSION 1-78/80,2-70/80,3-75/80,4-74/80,5-74/80,6-78/80, Leak check carried out - no leaks noted. REPLACED #2 RISER WITH NEW P/N 0450338-14 ENGINE RUN IN COMPLETED. I certify this engine and propeller has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition.<br>STAN SMITH A&P 419664385 IA |

| YEAR 2005 DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| 07-09 | 3266.19 | | | Changed Eng. Oil using 8 qts. 15W50 AeroShell. Johnny L. Clark A&P 253803915 |
| 08-29 | 3270.31 | | | Removed Left mags. Replaced with New mag. Slick m/n 6364 S/n 85081653 Set mag Timing Run Eng. 6 hrs. Check OK. Johnny L. Clark A&P 253803915 |
| 12-13-05 | 3286.33 | | | Changed Eng. Oil using 7 qts. 15W50 AeroShell. Checked & Cleaned Oil Screen. Johnny L. Clark A&P 253803915. |

| YEAR 2006 DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| 05-25 | 3293.79 | | 3293.79 | Cleaned & Gaped Plugs, Checked mag. Timing Lubed Control Cables & Push Rods, Checked |
| | 5 min | | | Compression #1. 65/80 #2. 65/80 #3. 70/80 #4. 62/80 |
| | 983.49 | | | #5. 70/80 #6. 68/80. |
| | | | | I Certify That This Aircraft Eng. Has been |
| | | | | Inspected I/AW a Annual Inspection |
| | | | | and was found To be In airworthy Condition |
| | | | | Johnny L. Clark A&P 253803915 IA. |
| 11-13 | 3306.18 | | 3306.18 | Changed Engine oil. Drained Quarts |
| | | | | of Aero Shell 15W/50 qts. |
| | | | | Dry Dawson Owner of Aircraft |

| YEAR 2007 DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| 05-16- | 3322.59 | | 332259 | Changed Eng. OIL Using 7415. AeroShell 15W50. |
| | | | | Cleaned & Gaped plugs. Checked mag. Timing |
| Smoh | 1012.29 | | | Klean oil Screen. Compression Checked |
| | | | | #1 70/80 #2 70/80 #3 72/80 #4 68/80 #5 72/80 |
| | | | | #6 68/80. |
| | | | | I Certify That This Air Craft Eng. has been |
| | | | | Inspected I/A/W an annual Inspection |
| | | | | and was found to be In airworthy Condition |
| | | | | Johnny L Clark A&P 253803915 IA. |
| 2008 | 3339.05 | | 3339.05 | |
| 05-27 | | | | Cleaned & Gaped plugs, Checked mag Timing |
| Smoh | 1029.39 | | | Checked Carburator Drained Carb. Fuel bowl |
| | | | | Compression Checked #1. 70/80 #2. 68/80 |
| | | | | #3. 68/80 #4. 65/80 #5. 68/80 #6. 70/80 |
| | | | | I Certify That This Eng has been Inspected |
| | | | | I/A/W an annual Inspection and was |
| | | | | Determined To be In airworthy Condition. |
| | | | | This Date 05-27-2008. Johnny L Clark A&P 253803915 IA. |

| YEAR 2008 DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| 05/27 | 3339.05 | | 3339.05 | Change Eng. Oil. 7.5 Qts. AeroShell |
| | | | | 15/50, Doug Duncan Aircraft owner |
| | | | | |
| 2009 | | | | |
| 06-02 | 3356.41 | | 3356.41 | Replaced plugs Champion REM38E. |
| | | | | Checked mag. Timing. Replaced Air Filter |
| Smoh | 1046.11 | | | PN BA 6108. Changed Eng. OIL Using |
| | | | | AeroShell #15W50. Checked & Cleaned OIL |
| | | | | Screen. Compression Checked #1. 70/80 |
| | | | | #2. 68/80 #3. 68/80 #4. 70/80 #5. 68/80 #6. 70/80 |
| | | | | I Certify that This Eng. has been Inspected |
| | | | | I/A/W an annual Inspection and was |
| | | | | Determined To be In an airworthy |
| | | | | Condition This Date 06-02-09. |
| | | | | Johnny L Clark A&P 253803915 IA. |

| YEAR / DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | 01-26-2010<br>N1478F S/N 54973 tach. 3373.08<br>Changed oil using aero shell w100 checked oil screen.<br>Replaced o-ring in quick drain fitting.<br><br>Johnny L. Clark A&P 253803915 |
| | | | | 06-25-2010 0300 s/n 3454-D-6D Tack 3395.76 T.T.3395.76<br>SMOH 1085.46 .<br>Cleaned & gaped plugs , checked Mag. Timing , changed oil<br>Using 7 Qts. aero shell 15 W 50 , checker screen. Compression<br>Checked #1. 70/80 #2. 70/80 #3. 68/80 #4. 70/80 #5. 70/80<br>#6 70/80. .<br>Icertify that this Eng. Has been inspected I/A/W. an annual<br>inspection and was determined to be in airworthy condition<br>This date 06-25-2010.<br>Johnny L. Clark<br>Johnny L. Clark A&P253803915IA. |

| YEAR / DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| 2011<br>03-13 | 3419.31 | | | Changed Eng. Oil Using 7qts AeroShell 15W50. Checked & Cleaned Oil Screen.<br>Johnny L. Clark A&P 253803915. |
| | | | | 07-08-11 Cont. 0-300-D S/N 3454-D-6-D Tack 3427.65<br>T.T. 3427.65 SMOH 1117.35<br>Cleaned & gaped plugs, checked Mag. Timing, compression<br>Checked #1.70/80 #2.70/80 #3.70/80 #4.70/80 #5.70/80 #6.70/80.<br>Replaced air filter P/N BA6108. Lubed control cables.<br>AD'S checked through 2011-13.<br>I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in airworthy Condition this date 07-08-2011.<br>Johnny L. Clark A&P253803915IA.<br>Johnny L. Clark |

| YEAR / DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | 07-20-2012 Continental 0-300-D S/N 3454-D-6-D .<br>Tack 3451.91 Total time 3451,91 SNOH 1141,61<br>Changed oil using 7 qt,s aero shell 15 w 50 , checked & cleaned<br>Oil screen, cleaned & gaped plugs, checked Mag. Timing.<br>Checked compression #1. 70/80 #2. 70/80 #3. 70/80 #4. 70/80<br>#5. 70/80 #6 70/80. AD'S checked through 2012-14.<br>I certift that this engine has been inspected in accordance with<br>An annual inspection and was determined to be in airworthy<br>Condition this date 07-20-2012.<br>Johnny L. Clark A&P253803915IA.<br>Johnny L. Clark |
| | | | | 07-20-2013 0-300D Tack 3465.02 T.T. 3465.02 SMOH 1154.72<br>Cleaned & gaped plugs, checked Mag. Timing, Cleaned oil screen<br>Checked fuel screen. Changed oil using 7 Qt. Aero shell 15W50.<br>Compression checked #1.76/80 #2.76/80 #3.70/80 #4.74/80<br>#5.70/80 #6.74/80. AD's Checked through 2013-14.<br>I certify that this engine has been inspected in accordance with<br>An annual inspection ans was determined to be in air worthy<br>Condition this date 07-20-2013.<br>Johnny L. Clark A&P253803915IA.<br>Johnny L. Clark |

| YEAR / DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | 08\07\14 Cont. 0-300 D S/N 3454-D-6-D Tack 3471.94<br>Hobbs 3502.4 T.T. 3471.04 SMOH 1161.64<br>Cleaned & gaped plugs, checked mag. Timing. Changed eng. Oil<br>Using 7 qt. 15 W 50 Aero shell. Checked oil screen. Compression<br>Checked #1.70/80 #2.70/80 #3.70/80 #4.70/80 #5.70/80 #6.70/80<br>I certify that this engine has been inspected in accordance with<br>An annual inspection and was determined to be in airworthy<br>Condition this date 08\07\2014.<br>Johnny L. Clark A&P253803915IA.<br>Johnny L. Clark |
| | | | | 08\12\2015 N1478F. Cont. O-300-D S/N 3454-D-6-D<br>Tack 3480.43 T.T. 3480.43 SMOH 1170.13<br>Cleaned & gaped plugs , checked Mag. Timing changed oil<br>Using 7 Qt. phillips 20 W 50. Compression checked<br>#1. 70/80 #2. 70/80 #3. 70/80 #4. 70/80 #5. 70/80 #6. 70/80.<br>I certify that this engine has been inspected in accordance with<br>An annual inspection and was determined to be in airworthy<br>Condition this date 08\12\2015<br>Johnny L. Clark A&P253803915IA.<br>Johnny L. Clark |

| YEAR / DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | 08\12\16 Cont. 0-300 Tack 3490.02 T.T. 3490.02 SMOH 1180.02. Cleaned plugs, changed oil using 7 Qt. aerophobia 15w50. Checked & cleaned oil screen. Compression checked #1.70/80 #2.72/80 #3.70/80 #4.70/80 #5.71/80 #6.72/80 I certify that this engine has been inspected in accordance With an annual inspection and was determined to be in an Airworthy condition this date 08\12\2016. Johnny L. Clark A&P253803915IA. Johnny L. Clark |
| | | | | 08\28\17 Cont. 0-300 Tack 3499.23 T.T.3499.23 SMOH 1189.23. Changed oil using 7 Qt. Aero shell W 100. Checked oil screen. Cleaned plugs, checked Mag. Timing. Compression checked #1.70\80 #2.68\80 #3.68\80 #4.68\80 #5.70\80 #6. 68\80. I certify that this engine has been inspected in accordance With an annual inspection and was determined to be in an Airworthy condition this date 08\28\2017. Johnny L. Clark A&P253803915IA. Johnny L. Clark |

| YEAR / DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | 09\01\18 Cont. O-300 Tack 3510.35 T.T. 3510.35 SMOH 1200. Changed oil using 7 Qt. Aero Shell 15W50 Checked oil screen. Cleaned & gaped plugs. Compression checked #1. 68\80 #2.68\80 #3.68\80 #4. 68\80 #5. 68/80 #6. 68/80. I certify that this engine has been inspected in accordance with An annual inspection and was determined to be in an airworthy Condition this date 09\01\2018 Johnny L. Clark A&P253803915IA. Johnny L. Clark |

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

**N1478F**
Engine Entry
Tach: 3517.1

9/13/19
S/N: 3454-D-6-D
TSMOH: 1206.8

Drained oil and cleaned screen, no metal found. Serviced with 7qts Aeroshell 15w-50. Removed, cleaned, and reinstalled spark plugs. Performed differential compression check #1 75/80 #2 77/80 #3 78/80 #4 80/80 #5 78/80 #6 80/80. Adjusted magneto to engine timing. Leak check satisfactory. Checked biweekly AD's through this date.

I certify this engine has been inspected in accordance with the scope and detail of CFR Part 43 Appendix D Annual Inspection and found to be in airworthy condition.

IA 3652221
Chris Martin

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

**N1478F**
Engine Entry
Tach: 3523.8

10/2/20
S/N: 3454-D-6-D
TSMOH: 1213.5

Drained oil and cleaned screen, no metal found. Serviced with 7qts Aeroshell 15w-50. Installed 12 new Champion REM38E spark plugs. Installed new LH and RH exhaust stacks. Differential compression check performed and results as follows: #1 73/80 #2 70/80 #3 70/80 #4 70/80 #5 70/80 #6 70/80 MO: 43/80. Leak check satisfactory. Checked biweekly AD's through this date.

I certify this engine has been inspected in accordance with the scope and detail of CFR Part 43 Appendix D Annual Inspection and found to be in airworthy condition.

IA 3652221
Chris Martin

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

MARTIN AVIATION

**N1478F**

Powerplant Entry

S/N: 3454-D-6-D

03/22/22

TSMO: 1228.0

TACH: 3502.3

Performed an Annual Inspection with reference to the most recent Continental maintenance and service manuals. Removed, inspected, cleaned, and reinstalled all spark plugs. Cylinder differential compressions as follows;

#1 72/80 #2 70/80 #3 71/80 #4 70/80 #5 72/80 #6 70/80.

Drained oil and removed oil filter, no metal found in filter. Installed new Champion CH48108-1 oil filter and serviced with 7qts Aeroshell 15W50. Engine run and leak check found satisfactory. Checked biweekly AD list through this date. Complied with ADs as follows:

I certify this powerplant has been inspected in accordance with the scope and detail of CFR Part 43 Appendix D Annual Inspection an found to be in airworthy condition.

IA 3652221

Chris Martin

| YEAR / DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE |
|---|---|---|---|

**Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

| DATE | TACH TIME | FLIGHT | TIME IN SERVICE | |
|---|---|---|---|---|

MARTIN AVIATION

**N1478F**
Powerplant Entry
S/N: 34541-D-6-D

03/23/23
Tach:3554.55
HOBBS:3502.4

**Inspections Performed**

Engine was inspected in accordance with an Annual Inspection per Continental Maintenance Manual. Additional information on file under WO #230515.

**Maintenance Preformed**

Performed the maintenance listed below to comply with all inspection and repair requirements related to the Annual Inspection per Continental Maintenance Manual , and any other items approved for this maintenance visit.

- Cylinder differential compressions are as follows:
  - 1.) 72/80 2.) 68/80 3.)70/80 4.)68/80 5.)66/80 6.)72/80 MO:44
- Removed, inspected, cleaned, and reinstalled all spark plugs
- Drained oil and cleaned oil screen
  - No metal found in oil screen. Oil sample taken for analysis by Aviation Laboratories. Serviced with 7qts of W15W-50 Oil and 1 pt of Camguard. Operational and leak check found satisfactory.

I certify this powerplant has been inspected in accordance with the scope and detail of CFR Part 43 Appendix D Annual Inspection an found to be in airworthy condition.

IA 3652221
Chris Martin