

**ENGINE LOG**  
**EL-13P**

# INSTALLATION RECORD

AIRPLANE	LOCATION	DATE INSTALLED	TOTAL HOURS AT INSTALLATION	DATE REMOVED	TOTAL HOURS AT REMOVAL	AGENCY CERT. NO.

## WESTERN CYLINDER OVERHAUL, INC.

F.A.A. Repair Station #VA3R912L

15942 Arminta Street

Van Nuys, California 91406

818-786-7772

Make Lycoming Model IO-360-A3B6D

Serial # L-21630-51A Date November 15, 1994

Engine major overhauled this date. Pertinent details of this overhaul are on file at this Agency under Work Order # E1932. Work has been performed according to current F.A.A. regulations. All applicable Airworthiness Directives received were complied with through this date. This engine has been approved for return to service. Fits and clearances are at Factory "Zero Time" specifications. TSMOH 00.0 hrs.

All ADs complied with through this date.

WESTERN CYLINDER OVERHAUL, INC.

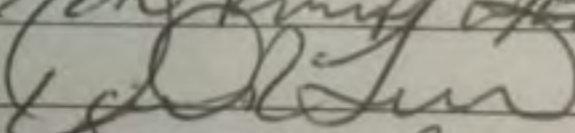
By Michael [Signature], C.I.  
Chief Inspector

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12-7-94	2675:39	<p>"O" SMOH. Reinstalled Engine in 11805-51024-0970 "11"</p> <p>"3875H" Using new Engine Load Mounts, Bolts, Engine Mount was used + Replaced new bolts used to attach to Firewall. Engine Hoses replaced, oil cooler sent out for cleaning, testing. Starter + Alternator. OH "This repair Station + Reinstalled. Replaced mainch press line to 10yd. Replaced Engine Solenoid as required. Installed new bolts in exhaust Tail pipe Coupling - Engine Serviced with 40 lbw Jet Aeroshell. Propeller overhauled + Reinstalled, New Vacuum Pump installed 91118005521.</p> <p>By Command Line - Permitted - Release on 12/10/94 #4360</p>

  
 OGDEN AIR SERVICE  
 3911 S. AIRPORT RD.  
 OGDEN, UTAH 84405  
 FAA REPAIR STATION DPOR285D

12-23-94	2679.90	<p>Removed oil fi Her and inspected for metal none noted Installed new 4418105 oil filter leak vs good on 12/23/94 #1535</p> <p>TSMH 4.51 hrs</p>
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 FAA REPAIR STATION DPOR285D

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-20-85	2705.54	CHANGED OIL FILTER + OIL (KEROSENE <del>7500</del> ) NO. 50W Richard Phillips - IA 476 340 258

1/12/96

Lycoming IO-360-A3B6D #L-21630-51A

Tach & TT 2726.96 TSMOH 51.58

Compression check #1 72/80 #2 70/80

#3 72/80 #4 72/80

1. Inspected and cleaned oil and fuel screens.
2. Inspected exhaust and pressure checked muffler.
3. Cleaned and gapped spark plugs.
4. Inspected mag and checked timing.  
 CW AD 78-09-07R3 amdt 39-4538, 1/17/83,  
 inspected impulse coupling in accordance with  
 SB 599D. (Due again at 3226.96)
5. Replaced induction air filter element.
6. CW AD 93-02-05 amdt 39-8487, 6/14/93.  
 Inspected fuel injector lines in accordance with  
 Lycoming SB # 342A.  
 (Due at annual or if lines removed)
7. CW Lycoming Service Bulletin No.518C, Inspected  
 thermostatic bypass valve in accordance with  
 SB#518C.(Due annually)

Ran up, Checked for leaks.

I certify this engine has been inspected in accordance  
with an **ANNUAL INSPECTION** and has been found to  
be in an airworthy condition for return to service.

*Richard Phillips*

Richard Phillips IA476340258

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10/20/96	2755.10	Change Oil & Filter Phillips AC20-50w <i>John Samra</i>

4/16/97

Lycoming IO-360-A3B6D #L-21630-51A

Tach & TT 2760.0 TSMOH 84.62

Compression check #1 77/80 #2 74/80

#3 76/80 #4 76/80

1. Inspected and cleaned oil and fuel screens.
2. Inspected exhaust and pressure checked muffler.
3. Cleaned and gapped spark plugs.
4. Inspected mag and checked timing.
5. Replaced induction air filter element.
6. CW AD 93-02-05 amdt 39-8487, 6/14/93. Inspected fuel injector lines in accordance with Lycoming SB # 342A.  
(Due at annual or if lines removed)
7. CW Lycoming Service Bulletin No.518C, Inspected thermostatic bypass valve in accordance with SB#518C.(Due annually)

Ran up, Checked for leaks.

I certify this engine has been inspected in accordance with an **ANNUAL INSPECTION** and has been found to be in an airworthy condition for return to service.

*Richard Phillips*

Richard Phillips IA476340258

10/31/97

Lycoming IO-360-A3B6D #L-21630-51A

Tach & TT 2791.07

Changed oil filter and oil (Phillips XC 20-50)

*Richard Phillips*

Richard Phillips AP476340258

# MAINTENANCE RECORD

WORK OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

5/26/98

Lycoming IO-360-A3B6D #L-21630-51A

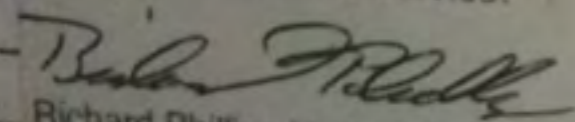
Tach & TT 2791.26 TSMOH 115.88

Compression check #1 74/80 #2 70/80

#3 76/80 #4 74/80

1. Inspected and cleaned oil and fuel screens.
2. Inspected exhaust and pressure checked muffler.
3. Cleaned and gapped spark plugs.
4. Inspected mag and checked timing.
5. Replaced induction air filter element.
6. CW AD 93-02-05 amdt 39-8487, 6/14/93. Inspected fuel injector lines in accordance with Lycoming SB # 342A.  
(Due at annual or if lines removed)
7. CW Lycoming Service Bulletin No.518C, Inspected thermostatic bypass valve in accordance with SB#518C.(Due annually)
8. AD 97-15-11, N/A, dates.
9. AD 98-02-08, N/A, constant speed prop.  
Ran up, Checked for leaks.

I certify this engine has been inspected in accordance with an ANNUAL INSPECTION and has been found to be in an airworthy condition for return to service.



Richard Phillips IA476340258

# MAINTENANCE RECORD

04/03/01

Lycoming IO-360-A3B6D #L-21630-51A

Tach & TT 2791.26 TSMOH 115.88

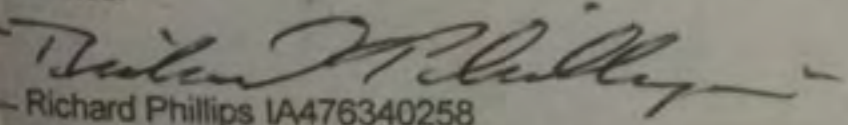
Compression check #1 74/80 #2 70/80

#3 76/80 #4 74/80

1. Inspected and cleaned oil and fuel screens. Changed oil filter and oil (Phillips X-C)
2. Inspected exhaust and pressure checked muffler. Muffler repaired by Aero Fabricators, W/O 1107118.
3. Cleaned and gapped spark plugs.
4. Inspected mag and checked timing.
5. Replaced induction air filter element.
6. CW AD 93-02-05 amdt 39-8487, 6/14/93. Inspected fuel injector lines in accordance with Lycoming SB # 342A.  
(Due at annual or if lines removed)
7. CW Lycoming Service Bulletin No.518C, Inspected thermostatic bypass valve in accordance with SB#518C.  
(Due annually)
8. AD 98-17-11 not applicable, crankshaft has not been repaired by Nelson Balancing Service.
9. AD 98-18-12 not applicable, pump not installed.
10. AD 98-23-01 not applicable, pump serial number, coupling has not been replaced
11. AD 2000-18-53 not applicable, oil filter converter or gasket has not been replaced.

Ran up, Checked for leaks.

I certify this engine has been inspected in accordance with an **ANNUAL INSPECTION** and has been found to be in an airworthy condition for return to service.

  
Richard Phillips IA476340258

ACTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

7

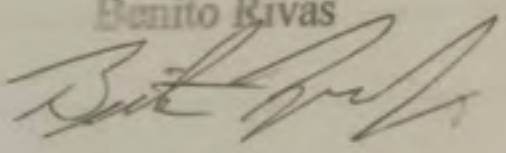
DATE  
TOTAL TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

**El Paso Aero, Inc.**  
**Avionics Associates**  
7305 Boeing Drive  
El Paso, Texas 79925  
FAA CRS # VLIR562K  
(915) 779-3481

N # N3875H Mfg. Mooney Model M20J  
S/N 24-0970 W.O. # 54808 DATE 03/15/06  
TACH/HOBBS: 2855.08 ACFT TOT: 2855.08 ENG. TOT: 179.7 SMOH

Routine maintenance performed in conjunction with an Annual Inspection. Drained oil and removed oil filter. Split filter and inspected as ok. Installed new Champion CH48103-1 oil filter and serviced engine with Phillips 20W-50X/C oil. Checked engine compression as follows: #1)70,2)78,3)78 & 4)74. Installed new Bracket induction air filter element as required. Replaced exhaust gasket at #4 cylinder and leak checked ok. Complied with AD2002-23-01 by inspecting fuel injection lines in accordance with paragraph (c) and no problems noted - due again at tach time 2955.08. Pertinent details of work performed are on file at this agency under WO#54808. I certify that this engine has been inspected in accordance with a 100 Hour Inspection and is airworthy for return to service.

Benito Rivas  






9/2/15, Tach: 2900, SMOH: 225, IO-360-A3B6D, s/n L-21630-51A, N3875H

DATE

Compression 1. 76/80 2. 75/80 3. 76/80 4. 78/80. Changed oil with 7 quarts of 20w50 x/c Phillips. New CH48103-1 oil filter installed. Cut old filter and cleaned oil suction screen- no metal found at this time. Checked magneto to engine timing- ok. Cleaned, gapped and rotated spark plugs. C/W AD# 11-26-04 lycoming fuel injector lines- ok by inspection. AD# 12-03-06 AFS fuel servo- N/A by p/n. AD# 12-19-01 crankshaft- N/A by s/n. AD#15-02-07 Propeller governor- N/A by model. Inspected all controls, mounts, intake, exhaust system, hoses and fasteners. Other inspections per check list. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in an airworthy condition.

Kurt Leaders IA2714134

*Kurt Leaders*