

ENGINE MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N 34835

Engine Manufacturer LYCOMING

Model O-360-A1FGD

Serial No. L-18321-36A

Date installed on aircraft 11/07/73

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



AEROTECH PUBLICATIONS INC.

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PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10/10/02	2860.9		2360.9	

AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT
37552 WINCHESTER ROAD MURRIETA, CA 92563 (909) 304-1292

DATE: 10/10/02 REG #: N38435 TACH: 2360.9 W.O.: 022093

1. CHANGED OIL AND CHECKED AND FILTER. SERVICED THE ENGINE WITH AEROSHELL 100W OIL.
2. CHECKED THE LOWER SPARK PLUGS.

THE AIRCRAFT/COMPONENT WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH APPLICABLE FARs AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE.

BILL DAILED A *Bill Daileda* A&P 1910299

11/29/03	107.7	2394.7		
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ENGINE MODEL:
ENGINE S/N:
REG. NO: 34835
WORK ORDER:
12600-01-2003



Howard Aviation, Inc.

1911 McKinley Ave.
La Verne, Calif. 91750

Repair Station No. EM3R480L / ~~XXXXXX~~

DATE: 1/29/2003
TTA:
TTE:
TSMOH: 107.72
TACH: 2,394.72

Engine Entries

Cleaned and gapped all the spark plugs.... Troubleshot rough running engine. Replaced the right mag points. Test ran and ran good....

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Howard Aviation, Inc. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 12600-01-2003.

DATE: 1/29/2003

SIGNED: *Bill Howard*

Certified Repair Station No. EM3R480L / ~~XXXXXX~~

WORK ORDER: 12600-01-2003

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AIRCRAFTERS, INC.
(909) 304-1292
FRENCH VALLEY AIRPORT-F70
37552 WINCHESTER ROAD, BLDG. 81, MURRIETA, CA 92563

DATE: 04/7/03 MODEL: LYC O-360-A1F6D S/N: L-18321-36A REG #: N34835 TACH: 2405.6 TSMOH: 727.0 W.O.: 032203

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION WAS TESTED: 1. 78, 2. 76, 3. 76, 4. 78 -- ALL OVER 80 PSI
3. THE OIL AND FILTER WERE CHANGED. SERVICED THE ENGINE WITH 8 QTS OF W100 AEROSHELL OIL. AN OIL SAMPLE WAS SUBMITTED FOR ANALYSIS.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED.
6. FUEL SCREENS WERE CLEANED.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY. THE # 3 CYLINDER EXHAUST RISER WAS REPAIRED BY WELDING.
8. A NEW AIR FILTER ELEMENT, BA-5705, WAS INSTALLED.
9. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
10. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.
11. ALL AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 03-05.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda* A&P 1910299 AI

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TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT-F70
37552 WINCHESTER ROAD, BLD. 80, MURRIETA, CA 92563

DATE: 04/23/04 MODEL: LYC O-360-A1F6D S/N: L-18321-36A REG #: N 34835 TACH: 2454.8 TSMOH: 776.2 W.O.: 042451

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 74, 2. 75, 3. 75, 4. 72, ALL OVER 80 PSI.
3. THE OIL AND FILTER WAS CHANGED. SERVICED THE ENGINE WITH 8 QTS OF 100W AEROSHELL OIL. AN OIL SAMPLE WAS TAKEN AND SENT IN FOR TESTING.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED.
6. FUEL SCREENS WERE CLEANED. INSTALLED A NEW FUEL PRESSURE FLEXIBLE HOSE AT THE CARBURETOR.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. A NEW AIR FILTER ELEMENT, P/N BA5705, WAS INSTALLED.
9. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
10. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.
11. INSTALLED A NEW HEAVY DUTY ALTERNATOR MOUNTING BRACKET AND A NEW LONGER MOUNTING BOLT DUE TO A CRACK IN THE OIL BRACKET.
12. ALL AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 04/7.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda* A&P 1910299 AI

116/05 2974.2 ~~2~~ 2474.2

ENGINE MODEL:
ENGINE S/N:
REG. NO: 34835
WORK ORDER:
15056-01-2005



Howard Aviation, Inc.
 Repair Station No. TO3R874L
 1401 Fairplex Drive
 La Verne, CA 91750
 Phone: 909-593-2596

DATE: 1/6/2005
A/C TSN:
ENG TT:
TACH: 2474.17

Engine Entries

Changed oil & filter, added (8) quarts of Aeroshell 100W. Washed engine, test ran, no leaks found.... Removed and replaced vacuum pump gasket with new P/N 8313.... Cleaned and gapped spark plugs for left magneto and checked ignition leads for left mag. Mag drop within limits now.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Howard Aviation, Inc. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 15056-01-2005.

DATE: 1/6/2005 SIGNED: *Bob Hoover* Work Order: 15056-01-2005
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AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT-F70
37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563

DATE: 05/2/05 MODEL: LYC O-360-A1F6D S/N: L-18321-36A REG #: N 34835 TACH: 2481.5 TSMOH: 802.9 W.O.: 052702

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 78, 2. 76, 3. 78, 4. 78, ALL OVER 80 PSI.
3. THE OIL AND FILTER WERE CHANGED. SERVICED THE ENGINE WITH 8 QTS OF 100 W AEROSHELL OIL. AN OIL SAMPLE WAS TAKEN AND SENT IN FOR TESTING.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED.
6. FUEL SCREENS WERE CLEANED.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. A NEW AIR FILTER ELEMENT, P/N BA5705, WAS INSTALLED.
9. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
10. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.
11. ALL AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 05/7.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda* A&P 1910299 AI

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT-F70
37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563

DATE: 05/18/06 MODEL: LYC O-360-A1F6D S/N: L-18321-36A REG #: N 34835 TACH: 2499.0 TSMOH: 820.4 W.O.: 062972

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 72, 2. 75, 3. 75, 4. 73, ALL OVER 80 PSI.
3. THE OIL AND FILTER WERE CHANGED. SERVICED THE ENGINE WITH 8 QTS OF A100 AD PHILLIPS OIL. AN OIL SAMPLE WAS TAKEN AND SENT IN FOR TESTING.
4. CLEANED AND GAPPED ALL SPARK PLUGS. INSTALLED 1 SERVICEABLE SPARK PLUG
5. MAG TIMING WAS CHECKED.
6. FUEL SCREENS WERE CLEANED.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. A NEW AIR FILTER ELEMENT, P/N BA5705, WAS INSTALLED.
9. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
10. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.
11. ALL AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 06-09.
12. INSTALLED A NEW INTAKE GASKET ON THE # 4 CYLINDER.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda* A&P 1910299 AI

AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT-F70
37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563

DATE: 6/11/07 MODEL: LYC O-360-A1F6D S/N: L-18321-36A REG #: N 34835 TACH: 2515.2 TSMOH: 836.6 W.O.: 073309

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 74, 2. 75, 3. 70, 4. 75, ALL OVER 80 PSI.
3. THE OIL AND FILTER WERE CHANGED. SERVICED THE ENGINE WITH 7 QTS OF A100 A W PHILLIPS OIL. AN OIL SAMPLE WAS TAKEN AND SENT IN FOR TESTING.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED.
6. FUEL SCREENS WERE CLEANED.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. A NEW AIR FILTER ELEMENT, P/N BA5705, WAS INSTALLED.
9. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
10. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.
11. ALL AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 07/11.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda* A&P 1910299 IA

AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT-F70
37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563

DATE: 7/10/08 MODEL: LYC O-360-A1F6D S/N: L-18321-36A REG #: N 34835 TACH: 2526.9 TSMOH: 847.8 W.O.: 083656

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 78, 2. 78, 3. 74, 4. 76, ALL OVER 80 PSI.
3. THE OIL AND FILTER WERE CHANGED. SERVICED THE ENGINE WITH 7 QTS OF A100 AW PHILLIPS OIL. AN OIL SAMPLE WAS TAKEN AND SENT IN FOR TESTING.
4. CLEANED AND GAPPED AND TESTED ALL SPARK PLUGS.
5. MAG WAS REMOVED AND THE INTERNAL TIMING WAS CHECKED AND THE MAG WAS INSTALLED AND TIMED TO THE ENGINE USING A NEW MAG GASKET.
6. FUEL SCREENS WERE CLEANED. INSTALLED ONE NEW INTAKE GASKET DUE TO A LEAK.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. A NEW AIR FILTER ELEMENT, P/N BA5705, WAS INSTALLED.
9. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
10. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.
11. ALL AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 07/11. *08/13 AD*

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda*

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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ENGINE MODEL:
O-360-A1F6
ENGINE S/N: L-18321-36A
REG NO: 34835
WORK ORDER:
27142-09-2016



Howard Aviation, Inc.
Repair Station No. TO3R874L
1401 Fairplex Drive
La Verne, CA 91750
Phone: 909-593-2596

DATE: 4/4/2017
A/C TSN: 3030 67
ENG TT: 3030 67
TSMOH: 852.07
TACH: 2530.87

Engine Entries

Performed differential compression test: #1 78/80. #2 78/80. #3 70/80. #4 71/80. Cleaned, gapped, tested and rotated spark plugs. Changed oil and filter, added (7) quarts of Aeroshell 100W+. Took oil sample for analysis. Checked mag timing. Inspected and pressure checked exhaust system. Inspected all fluid carrying hoses. Washed engine and test ran, no visible leaks apparent.

I certify this engine has been inspected in accordance with a 100 Hour Inspection and repaired in accordance with current Federal Aviation Regulations and was determined to be in an airworthy condition. Pertinent details of the repair are on file at this Repair Station under Repair Order 27142-09-2016.

DATE: 4/4/2017 SIGNED: Work Order: 27142-09-2016
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Robin Howard
Certified Repair Station No. TO3R874L

DATE: 12/1/2017
REG NO. N34835
TACH: 2572.80

Mesilla Valley Aircraft (KLRU)

685 White Lightning Dr. Las Cruces, NM 88007
Bus (575)-541-0878 mvaooa@mesillavalleyaircraft.com

MAKE: CESSNA
MODEL: 177B
S/N: 177-02033

Serviced fluid level in nose wheel shimmy damper. Adjusted engine idle up IAW Cessna MM. Drained crankcase, removed oil filter, visual insp. no contaminants noted. Installed new oil filter PN: CF0-100-1 with new copper & rubber seals. Serviced crankcase with 7qts Phillips 20w/50 XC. Ground run performed no defects noted.

Christopher A. Johnson A&P3794542

DATE: 12/14/2017
REG NO. N34835
TACH: 2573.0

Mesilla Valley Aircraft (KLRU)

685 White Lightning Dr. Las Cruces, NM 88007
Bus (575)-541-0878 mvaooa@mesillavalleyaircraft.com

MAKE: CESSNA
MODEL: 177B
S/N: 177-02033

Removed alternator and bench tested Ops checks good. Reinstalled on aircraft. Installed new voltage regulator PN: R15V00 Rev A SN: 614203. Installed new Over-Voltage sensor PN: V11100 SN: 60L017. Ground run performed no defects noted.

Christopher A. Johnson A&P3794542

DATE: 12/20/2017
REG NO. N34835
TACH: 2585.33

Mesilla Valley Aircraft (KLRU)

685 White Lightning Dr. Las Cruces, NM 88007
Bus (575)-541-0878 mvaooa@mesillavalleyaircraft.com

MAKE: CESSNA
MODEL: 177B
S/N: 177-02033

Removed alternator and Installed Overhauled alternator on aircraft PN: DOFF10300J SN: H-R112448. Ground run performed no defects noted.

Christopher A. Johnson A&P3794542

M.V.A.O. LLC Las Cruces International Airport (KLRU)		
Make: Lycoming	Model: O-360 A1F6D	Serial # L-18321-36A
N#: 34835	W/O#	Date: 02-23-2018
Tach Time: 2612.60	ENG.T.T: N/A	TSMOH: N/A
Drained Oil and removed cartridge filter for inspection. No metal Reinstall with new Champion CF 100-1 Cartridge kit and saftied. Serviced case with 7 qts. Phillips X/C 20W50 oil. Engine ground run performed.		
Oscar Reyes	A&P# 460438513	

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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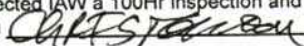
DATE: 5-18-2018
REG NO. N34835
ETT: 3124.50
TACH: 2624.50


Mesilla Valley Aircraft (KLRU)

685 White Lightning Dr. Las Cruces,
Bus (575)-541-0878 mvaoca@mesillavalleyaircraft.com

MAKE: LYCOMING
MODEL: O-360-A1F6D
S/N: L-18321-36A
TSMOH: 945.90

Completed 100Hr inspection on engine IAW FAR 43 Appendix D, Cessna maintenance manual and all applicable airworthiness data. The following work was accomplished in conjunction with this inspection. Drained crankcase, removed oil filter, visual insp. no contaminants noted. Installed new oil filter PN: CFO-100-1. Serviced crankcase with 7Qts Phillips 66 20/50XC. Replaced oil dipstick seal PN: 07-13143. Cylinder compressions were as follows (1) 79/80 (2) 76/80 (3) 78/80 (4) 76/80. Removed, cleaned, gapped, tested, and reinstalled spark plugs with new M-674 gaskets. Inspected engine to magneto timing. Secured loose wiring firewall forward. Re torqued all rocker cover screws. Manufactured new oil cooler lines with AN491-6 fittings and Aeroquip 303-6 hose. Manufactured new fuel supply lines and fuel press line with new AN491-6, AN491-3 fittings and new Aeroquip 303-6, 303-3 hose. Re connected LH "P" lead shield to ground. Replaced several dry cracked grommets on eng baffling for Ign. lead passages. Replaced all HW on exhaust clamps with hi temp HW. Performed ground run No defects noted. There are no A.D's due at this time. I certify this engine has been inspected IAW a 100Hr inspection and was found to be in airworthy condition at this time.

Christopher A. Johnson  A&P3794542

M.V.A.O. LLC Las Cruces International Airport (KLRU)		
Make: Lycoming	Model: O-360 A1F6D	Serial # L18321-36A
N#: 34835	W/O#	Date: 06-12-2019
Tach Time: 2670.37	ENG.T.T: 2670.37	TSMOH : 991.77
Completed 100hr inspection IAW FAR 43 app.D, Cessna Service manual and all applicable airworthiness data. The following work was completed in conjunction with this inspection, Engine compressions wer as follows: #1 79/80 #2 79/80 #3 79/80 #4 79/80. Drained oil and removed filter for inspection. Not metal found. Installed new CF-100-1 Oil filter cartridge and serviced with 8 qts Phillips X/C 20W50 oil. Serviced spark plugs and reinstalled with new M-674 gaskets. Installed new air element P/N BA 5705. Inspected engine to magneto timing. Inspected and cleaned all fuel screens and gascolator. There are no A.D.'s due at this time.		
I certify this engine has been inspected IAW a 100 hr inspection and was found to be airworthy on this date		
Oscar Reyes 		A&P# 460438513

M.V.A.O. LLC Las Cruces International Airport (KLRU)		
Make: Lycomng	Model: O-360 A1F6D	Serial # L-18321-36A
N#: 34835	W/O#	Date: 9-20-2019
Hobbs: 780.1	ENG.T.T: N/A	TSMOH : N/A
Drained oil and removed filter for inspection. No metal found. Installed new CFO-100-1 oil filter element and serviced case with 7 qts. Phillips X/C 20W50 oil. Ground run performed.		
Oscar Reyes 		A&P# 460438513

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