

N34644

ENGINE LOG  
EL-13P

L-27977-35A

## Engine Log TABLE OF CONTENTS

SECTION SEQUENCE	DESCRIPTION OF SECTION	PAGE NUMBER
1st SECTION	ENGINE DESCRIPTION	1
2nd SECTION	INSTALLATION RECORD	1
3rd SECTION	LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS	3
4th SECTION	AIRWORTHINESS DIRECTIVE OR FACTORY BULLETIN COMPLIANCE RECORD	5
5th SECTION	INSPECTION AND MAINTENANCE RECORD	13
6th SECTION	PROPELLER OR ROTOR RECORD	67
7th SECTION	AIRWORTHINESS DIRECTIVE OR FACTORY BULLETIN COMPLIANCE RECORD [Propeller or Rotor Only]	69
8th SECTION	REPAIR AND INSTALLATION RECORD [Propeller or Rotor Only]	71

Aero Products Corporation  
Copyright 1975 All Rights Reserved



## ENGINE DESCRIPTION

MANUFACTURER TEXTRON LYCOMING MODEL O-360-A1E6D

SERIAL NUMBER L-27977-36A DATE OF MANUFACTURE \_\_\_\_\_

RATED BHP \_\_\_\_\_ RPM \_\_\_\_\_ MANIFOLD PRESSURE \_\_\_\_\_

FUEL REQUIRED OCTANE/PERFORMANCE \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET & NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET & NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

## INSPECTION &amp; MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-10-96	3133.5	DRAINED OIL, REMOVED OIL FILTER + (W/ OPEN) NO CONTAMINANTS NOTED. INSTALL CHEVROLET FILTER + SAFETY. FILL WITH 20W-15W-50 AEROSHELL RUN UP + LEAK CHECK.  AP 1711117
10/11/96	3185	THIS TIME & DATE PERFORMED AN ANNUAL INSPECTION, COMPRESSION TEST (1) T <sup>1</sup> /80 (2) T <sup>1</sup> /80 (3) T <sup>1</sup> /80 (4) T <sup>1</sup> /80. CLEANED, GAPPED, TESTED AND ROTATED SPARK PLUGS. ADJUSTED MAGNETO TIMING. CHECKED LEADS, NO DEFECTS NOTED. CHANGED OIL & FILTER, CUT & INSPECTED FILTER, NO DEFECTS NOTED SERVICED ENGINE WITH AEROSHELL 15W50. INSTALLED 4 EA NEW PN. 75906 ROCKER BOX GASKETS. CLEANED & FLUSHED OIL COOLER. AD96-09-10 ADMT. 39- 9586 TEXTRON LYCOMING OIL PUMP IMPELLER DOES NOT APPLY TO THE SERIAL NUMBER

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

TOTAL  
TIME

of THIS ENGINE. WASHED ENGINE. GROUND RUN  
FOUND ALL ENGINE INDICATIONS WITH IN LIMITS  
LEAK CHECK GOOD.

"I certify that this ENGINE has been  
inspected in accordance with FAA  
inspection and was determined to be in  
Airworthy condition."

AD'S reviewed through 96-09-10

Tach Time 3185 Total Time 1494.4

SMOH.

Michael A. Lohrey

*Michael A. Lohrey*

10/11/96

Date

A & P 264025341 IA.

4/29/97 3337. CHANGED OIL & FILTER. OIL & INSP FILTER  
NO DEFECTS NOTED. SERVICED ENGINE WITH AEROC  
SHELL 15W50. GROUND RUN LEAK CHECK GOOD.

*M. Lohrey* A&P 264025341  
FOR TECH AVIATION.

## INSPECTION &amp; MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-31-97	3257.4	TACH. 1566.8 S.M.O.H. REMOVED THIS ENGINE FROM N34644 DUE TO PROP STRIKE.
M. J. Kelly ASP 264025341		
8-97	3257.4	<p>DISASSEMBLED, CLEANED AND INSPECTED AFTER PROP STRIKE. COMPLETE MAJOR OVERHAUL OF ENGINE FN L-27977-36A. C/W AD91-14-22 BY INSTALLING NEW GEAR PIN 13919649 &amp; SCREW PIN AN-8-14A, AD96-09-10 PIC/W BY INSTALLATION OF OIL PUMP GEAR KIT OSAPK1235. GEAR MAGNAFLUX INSPECTED AND REINSTALLED, AD96-12-07 IMPACT &amp; CRACKING INSPECTION FOUND OK "X" FACTORS .007" &amp; .004" NEXT DUE 500HRS. AD78-18-06 80-17-14, 82-11-05, 81-12-06 R1, 79-18-06 &amp; 82-20-01 ALL BY INSPECTION. ENGINE TEST CELL RUN AND FOUND SATISFACTORY, ITEMIZED PARTS LIST AND YELLOW TAGS BACK OP LOG BOOK.</p>
Mtl.	0-360 AIF6D	S/N L-27977-36A
<p>Engine has been Overhauled in accordance with Factory Overhaul Manual 60294-7. All F.A.A. A.D.'s &amp; Factory Service Bulletins have been compiled with. All parts have been inspected &amp; have been determined Airworthy for Return to Service.</p>		
Ttl. Time	3257.4	T.S.O. 0:0

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

No. 16958

Date AUG 18 1997

Signed [Signature]

for Columbia Aircraft Services, Inc.

Bloomsburg, Penna

FAA R.S. JM2R930K

## INSPECTION &amp; MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
8/22/77	3357.4	THIS TIME & DATE PERFORMED AN ANNUAL INSPECTION & INSTALLED THIS ENGINE USING NEW BERRY 94011-20 MOUNTS, AND NEW BOLTS. SERVICED ENGINE WITH AEROSHELL 100W MINERAL OIL. GROUND RUN LEAK CHECK GOOD. ADJUSTED AS REQUIRED. ALL ENGINE INDICATIONS WITHIN LIMITS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION.	9/11
		M. Haley AWP 264025341-1A	
7/14/78	3308	CHANGED OIL & FILTER. OIL & INSPECTED FILTER. NO DEFECTS NOTED. SERVICED ENGINE WITH AEROSHELL 15W50. ENGINE GROUND RUN LEAK OK. GOOD.	
		M. Haley AWP 264025341-	

## INSPECTION &amp; MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1/18	3312.9	65.5 SMOH - THIS TIME A DATE PERFORMED AN ANNUAL INSPECTION, COMPRESSION TEST (1) 73/80 (2) 74/80 (3) 79/80 (4) 76/80. CLEANED, GAPPED, TESTED & ROTATED SPARK PLUGS - CHECKED MAG TIMING & LEADS NO DEFECTS NOTED, CHANGED OIL & FILTER, CUT & INSPECTED FILTER, NO DEFECTS NOTED, SERVICED ENGINE WITH AEROSHELL IS 1050 - WASHED ENGINE - GROUND RUN, LEAK CHECK, GOOD ALL ENGINE INDICATIONS WITH IN LIMITS.

"I certify that this ENGINE has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition." AD'S reviewed through 97-01-13

Tech Time 3312.9 Total Time 55.5  
SMOH

Michael A. Lohay

*Michael A. Lohay*

9/1/98

Date

I & P 26402541 TA.

INSPECTION

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	
2/17/99	3360.5	CHANGED OIL & FILTER, CUT & INSPECTED FILTER, NO DEFECTS NOTED, SERVICED ENGINE WITH AEROSHELL 15W50 GROUND RUN, LEAK CHECK GOOD. M. Kelly A#P864035341 FOR TECH AVIATION
3/17/99	3410	152.6 SMOH. THIS TIME A DATE PERFORMED AN ANNUAL INSPECTION. COMPRESSION TEST (1) T3/80 (2) T3/80 (3) T4/80 (4) T5/80. CLEANED GAPPED, TESTED & ROTATED SPARK PLUGS. CHECKED MAG TIMING & LEADS NO DEFECTS WERE NOTED. CHANGED OIL & FILTER, CUT & INSPECTED FILTER

DEFECTS NOTED, SERVICED ENGINE WITH AEROSHELL 15W50 - GROUND RUN. LEAK CHECK GOOD. ALL ENGINE FINDICATIONS WITHIN LIMITS

I certify that this ENGINE has been inspected in accordance with ANAC 43 inspection and was determined to be in airworthy condition.  
 AD's reviewed through 45-33-10  
 Tech Time 3410 Total Time 152.6  
Michael A. Kelly  
Michael A. Kelly slu  
 T & F 264035341 TL

## INSPECTION &amp; MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/30/77	3410	R&R #3 EXHAUST RISER. PN. K1754007-1
W/ITB	NEW	ITB W/ITB SERVICE MANUAL
		MOXLEY APP 264025341
		FOR TECH AVIATION.

Date: 4/27/00

Custom Aircraft services

Reg # 34644

TTA 3467.3

Tach: 3467.3

15601 n. 19<sup>th</sup> ave. #76

Make: Lycoming

TACH 3467.3

Model: 0-360-A1F6D Phoenix Az. 85023

S/N #L-27977-36A

SMOH 209.9

This aircraft and/or component identified above was repaired and inspected in accordance with current Federal air regulations and was found airworthy for return to service.

Performed annual inspection per manufacturer's checklist. Compression test as follows: #1-79 #2-78 #3-79 #4-79. Serviced spark plugs. Drained oil, removed cut and inspected oil filter. Normal wear indicated. Installed new filter. Serviced engine with 8 qts Aeroshell 15/50. Test run checked ok. I certify this engine to be in an airworthy condition at the time of inspection Michael L. Davidson

A&amp;P4987044141A

PROP 209.9

2001

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

TOTAL  
TIME

07-01

3480.0

T.S.O.H. 222.6

This engine inspected 1/4 hr 100%  
 recommendations and determined  
 Airworthy. Performed routine maintenance  
 and as required. Oil & Filter  
 changed. Shell 15W50 oil added.  
 Replaced filter media, inspected no  
 anomalies noted. Cylinders leak check  
 all readings 76% or better. See A.B.  
 Compliance Manual part of log.  
 Rep. Aug 1666801 ASP

1-02

3521.4

T.S.O.H.

249.0

TOTAL  
TIMEINSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

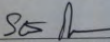
Date 01/05/02

TACH 3521.4

Reg # 34644

SMOH 264.0

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 8qts 15W50 Aeroshell. Clean  
Engine. Run up and leak check O.K.

  
Steve Deome/Owner

Date

1/5/02

APRIL 4TH 2002

3563.0 TACH

305.6 SMOH

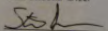
INSPECTED INSTALLATION OF NEW  
HEAT EXCHANGER AND NEW BLOW-  
PROOF EXHAUST GASKETS. ALL BOLTS  
TIGHTENED TO SPECIFICATIONS AS PER  
FIGURE 3 IN CESSNA 177 AND CARDINAL  
SERIES SERVICE MANUAL AND INSPECTION  
AS PER SECTION II 11-31. RETURN TO SERVICE  
Ernie Perich ATPS 58-78-2379 1A.

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
DATE & CERTIFICATE NO.

Date 04/04/02 TACH 3563.0  
Reg # 34644 SMOH 305.6

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
leak checks O.K.



Steve Deome/Owner

Date 4/4/02

7/24/02 3599.1TAD PERFORM ANNUAL INSPECTION AS  
341-7TSMHT PER CESCNA SERVICE MANUAL REVISED  
JULY 1976. CHANGE OIL AND FILTER  
ADD AEROSHELL 15W50W AND AVBLEND.  
PERFORM DIFFERENTIAL, COMPRESSION TEST  
#1 24/80 #2 24/80 #3 14/80 #4 27/80. CHECK TIMING  
25 BTDC. INSPECT STARTER AND ALTERNATOR  
INSPECT COXA MOUNT AND ENGINE  
MOUNT INSPECT GAS COOLATOR.

## INSPECTION &amp; MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.TOTAL  
TIME

INSPECT MAGNETO. AA IMPULSE COUPLING  
DUE IN 158.3 hrs FOR 500 hr INSPECTION.  
ALL AA'S COMPLETED WITH SEE ATTACHED  
LIST.

I CERTIFY THIS ENGINE HAS  
BEEN INSPECTED IN ACCORDANCE  
WITH A ANNUAL INSPECTION AND  
WAS DETERMINED TO BE IN  
AIRWORTHY CONDITION.

ERNEST PERSICH A + P 55878-2379

Ernst Persich ATP 558-78-2379 IA

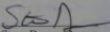
## INSPECTION &amp; MAINTENANCE RECORD

DATE	TOTAL TIME
9-27-02	3649 391.6
11/28/02	3694.1 436.7

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

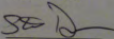
Date 9/27/02 TACH 3649.0  
Reg # 34644 SMOH 391.6

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
leak checks O.K.

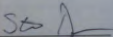
 Date 9/27/02  
Steve Deome/Owner

Date Nov 28, 2002 TACH 3694.1  
Reg # 34644 SMOH 436.7

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
leak checks O.K.

 Date 11/28/02  
Steve Deome/Owner

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
02-08-03	3726.7 469.3	<p>Date Feb 8, 2003      TACH 3726.7                      Reg # 34644      SMOH 468-1 469.3 SMO</p> <p>Drained Oil, removed Oil Filter &amp; cut open, no                      Contaminates noted. Install CH48103 Filter and                      Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of                      AVBLEND oil additive. Clean Engine. Run up and                      leak checks O.K.</p> <p style="text-align: center;">       Date <u>2/8/03</u>                      Steve Deome/Owner                 </p>
05-19-03	3779.8 SMOH 522.4	<p>REPLACE VERI-THERM WITH                      NEW UNIT P/N 53E22144. RUN                      AIRCRAFT NO LEAKS SAFETY UNIT.</p> <p style="text-align: right;">                     Ent Period                      ATP 211233314                 </p>

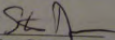
## INSPECTION &amp; MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
06/11/03 SMOH	3795.5 538.1	INSTALL REBUILT MAGNETO P/N 10-682555-11 S/N F15890306 UNIT OVERHAULED BY AIRCRAFT SYSTEMS INC. see w/o 34460. RESET TIMING 25° BTDC. RUN AIRCRAFT. 8130-3 FORM IN AIRCRAFT RECORDS ALSO SB651 COMPLETED WITH SEE W/O.

Ernest Peruch  
NIP 71123331A

Date 5/4/03 TACH 3771.3  
Reg # 34644 SMOH \_\_\_\_\_

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
leak checks O.K.

  
Steve Deome/Owner

Date 5/4/03

# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIMEINSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.July 1, 2003  
Tach: 3807.7

N34644

Performed dynamic propeller balance in accordance with Dynamic Solutions Systems MicroVib to 0.062 IPS.

CESSNA PILOTS ASSOC.  
P.O. BOX 5817  
SANTA MARIA, CA 95450

*Adrian B. [Signature]*  
AP56498702

## VINTAGE WINGS & WHEELS LLC

90 SKYLANE DRIVE, HANGAR 3, HOLLISTER, CA 95023

TEL: (831) 630-9025, FAX: (831) 637-6181

Date: 7-18-2003 - Cessna 177B -- N34644 -- S/N 17701919 -- Tach: 3817.0 -- TTSMOH: 559.6

Perform annual inspections as per Cessna service manual latest revision change 1-July-1976. Change oil and filter, cut open filter and inspect, normal wear indicated. Install new CH48103 oil filter. Add Aeroshell 15W50W and avblend additive. Install new Unison spark plugs URHM08E. Remove oil cooler, clean and flush-out, check for contaminants, non found, re-install. Test run, check for leaks, none noted at this time. All AD's complied with as of 2003-13.

I certify this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

*Ernest Persch*  
Ernest Persch A/P 2112333 T.A.



## INSPECTION &amp; MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.TOTAL  
TIME

DATE

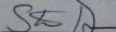
Date Mar 14, 2004

TACH 3930.1

Reg # 34644

SMOH 672.7

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
Perform leak checks O.K.



Date

3/14/04

Steve Deome/Owner

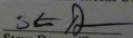
Date May 1, 2004

TACH 3966.7

Reg # 34644

SMOH 709.3

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
Perform leak checks O.K.



Date

5/1/04

Steve Deome/Owner

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

TOTAL  
TIME

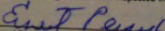
**VINTAGE WINGS & WHEELS LLC**  
**90 SKYLANE DRIVE, HANGAR 3, HOLLISTER, CA 95023**  
**TEL: (831) 630-9025, FAX: (831) 637-6181**

Date: 7-14-2004 - Cessna 177B -- N34644 -- S/N 17701919 -- Tach: 4005.5 -- TTESMOH: 748.1

Perform annual inspections as per Cessna service manual latest revision change 1-July-1976 and FAR43. Change oil and filter, cut open filter and inspect, normal wear indicated. Install new CH48103 oil filter. Add Aeroshell 15W50W and avblend additive. Perform differential compression test: #1=78, #2=76, #3=77, #4=74. Inspect magnetos and check timing. Clean, test and regap spark plugs, re-install. Solvent clean engine. Install McCauley prop governor C290D2K/T12 S/N 701156 as per yellow tag w/o 4998, and install spacer plate P/N LW12347, and gasket P/N 72053. Install new silicone cowl seal, P/N 05-000775. Replace valve cover gaskets with new P/N 75906, and inspect valves for wear. Repair right baffle plate with aluminum plate 2024T6.032 inch as per AC4313-1B. Replace alternator belt with new P/N 37A19773-376 and safety.

Test run, check for leaks, none noted at this time. All AD's complied with as of 2004-12.

I certify this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

  
Ernest Persich A/P 2112333 IA.

# INSPECTION & MAINTENANCE RECORD

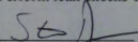
TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

Date Nov 1, 2004  
Reg # 34644

TACH 4051.6  
SMOH 794.2

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
Perform leak checks O.K.

  
Steve Deome Owner

Date

11/1/04

# INSPECTION & MAINTENANCE RECORD

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

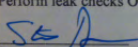
Date Mar 21, 2005

TACH 4094.4

Reg # 34644

SMOH 837.0

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
Perform leak checks O.K.

  
Steve Deome/Owner

Date

3/21/05

## INSPECTION &amp; MAINTENANCE RECORD

DATE

TOTAL  
TIMEINSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

Aircraft Services, Structures &amp; Restorations

Make: Lycoming

Date: 7/23/05

Model: O-360-A1F6D

W/O: 3330

SN: L-27977-36A

Tach: 4132.3

N34664

TT:

I certify that this engine has been inspected in accordance with an annual inspection in accordance with Part 43 Appendix D and has been determined to be in airworthy condition.

1. Changed filter, customer supplied, cut old flit open and found ok.
2. Added Aero Shell 100W and Avblend.
3. Adjusted magneto to engine timing as needed.
4. Installed all new rocker cover gaskets.
5. Run up engine and checked for oil leaks, found ok.
6. Instilled cowlings.

Signed

IA2896758

	13/31/2005	DRAINED OIL REMOVED OIL FILTER & CUT OPEN, NO CONTAMINATES NOTED. INSTALLED CH48103 FILTER AND SAFETY FILL 7 OZ 15W50 AeroShell AND 12 OZ AVBLEND OIL ADDITIVE. CLEAN ENGINE, RUMUP AND PERFORMED LOW CYCLE
TACH	4156.6	
SMOH	8	SEE OWNER

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---



Aircraft Services, Structures & Restorations

Make: Lycoming

Model: O-360-A1F6D

SN: L-27977-36A

N34664

Date: 7/23/05

W/O: 3330

Tach: 4132.3

TT:

I certify that this engine has been inspected in accordance with an annual inspection in accordance with Part 43 Appendix D and has been determined to be in airworthy condition.

1. Changed filter, customer supplied, cut old flit open and found ok.
2. Added Aero Shell 100W and Avblend.
3. Adjusted magneto to engine timing as needed.
4. Installed all new rocker cover gaskets.
5. Run up engine and checked for oil leaks, found ok.
6. Instilled cowlings.

Signed *David B*

IA2896758

	13/21/2005	DRAINED OIL REMOVED OIL FILTER & CUT OPEN, NO CONTAMINANTS NOTED. INSTALLED CH48103 FILTER AND SAFETY FILL 7 QTS 15W50 Aerocastol AND 12 OZ AVBLEND OIL ADDITIVE. CLEAN ENGINE, RUMUP AND PERFORMED LOGS CHECK
TACH	4156.6	
SMOH	8	
		SE <u><i>D</i></u> OWNER

# INSPECTION & MAINTENANCE RECORD

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

ENGINE MODEL:  
O-380-A1F8D  
ENGINE S/N: L-27977-36A  
REG. NO: N34844  
WORK ORDER:  
25162-08-2006



## Executive Air Repair, Inc.

Repair Station No. C54D419N  
6273 Freepoint Blvd  
Sacramento, CA 95822  
Phone: 916-421-6756

DATE: 8/16/2006  
A/C TSN: 4193.5  
ENG TT: 936.4  
TSMOH: 936.4  
TACH: 4193.8

### Engine Entries

(6) Installed new rocker box cover gaskets on all four cylinders.....(26) Drained oil, removed and inspected filter: results are normal. Re-installed new CH48103-1 filter, and safetied; closed quick drain. Serviced engine with 7 quarts of Aeroshell 15W-50 and 2 pts AvBlend, test run and leak check OK. Performed differential compression test with results as follows: #1 74/80, #2 75/80, #3 70/80, #4 71/80. Removed remainder of spark plugs cleaned, gapped, tested, and rotated all plugs and re-installed with new M-674 gaskets and torqued to 420in/lbs. Completed 100 Hr / Annual Inspection this date in accordance with Executive Air Repair 100 Hour Checklist. All work performed in accordance with applicable manuals.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired, serviced, or inspected in accordance with current FARs and is approved for return to service unless otherwise noted. Pertinent details of the repair are on file at this repair station under this work order. No other portions of the aircraft other than items described in resolution sections of this work order or log entries are inspected or returned to service.

DATE: 8/16/2006

SIGNED:

Colby Barron  
Certified Repair Station No. C54D419N

Work Order: 25162-08-2006

Printed by EBis 3 (datcomedia.com)

# INSPECTION & MAINTENANCE RECORD

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

Date Mar 18, 2007

TACH 4208.5

Reg # 34644

SMOH 951.1

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
leak checks O.K.

SOH  
Steve Deonfe/Owner

Date

3/18/07

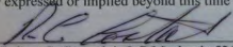
# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

09-22-2007 @ 17:00 Hrs. C-177B SN: 17701919 N34644:

Tach: 4227.8 Engine TT: 4590.3 SMOH: 970.4

Removed spark plugs and replaced with new. Compression check as follows: 1. 76/80  
2. 78/80 3. 76/80 4. I certify that this engine has been inspected in accordance with an  
annual inspection and was determined to be in airworthy condition at this time and date  
only. No warranty expressed or implied beyond this time and date.

  
 Robert C. Casteel A & P Mechanic 526945701 IA

9/22/07 DRAINED OIL, REMOVED OIL FILTER & CUT OPEN, NO  
 4227.8 CONTAMINATES NOTED. INSTALLED CH48103 FILTER  
 970.4 AND SAFETY WIRE. FILL WITH 7 QTRS 15W50  
 AEROSHELL AND 12 OZ OF AUBLEND OIL ADDITIVE.  
 CLOW ENGINE, RUN UP AND CHECK FOR LEAKS. OK  
 SE De 9/22/07  
~~REPLACE~~

## INSPECTION &amp; MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

TOTAL  
TIME

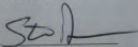
Date Mar 8, 2008

TACH 4240.8

Reg # 34644

SMOH 983.4

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
leak checks O.K.



Date

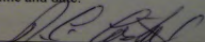
3/08/08

Steve Deome/Owner

10-29-2008 @ 08:00 Hrs. C-177B SN: 17701919 N34644:

Tach: 4254.9 Engine TT: 4617.4 SMOH: 997.5

Removed, cleaned, gapped, rotated and reinstalled spark plugs. Compression check as follows: 1. 78/80 2. 78/80 3. 76/80 4. 78/80. Replaced rocker box cover gaskets with new REAL brand silicon seals in accordance with PMA instructions. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time and date only. No warranty expressed or implied beyond this time and date.

  
 Robert C. Casteel A & P Mechanic 3321599 IA

## INSPECTION &amp; MAINTENANCE RECORD

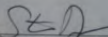
DATE TOTAL TIME

INSPECTION OR MAINTENANCE DESCRIPTION

Date 4/25/09 TACH 4269.3  
Reg # 34644 SMOH 101129

4/25/09

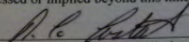
Drained Oil, removed Oil Filter & cut open, no Contaminates noted. Install CH48103 Filter and Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of AVBLEND oil additive. Clean Engine. Run up and leak checks O.K.

  
Steve Deome Owner

Date 4/25/09

02/13/2010 @ 08:00 Hrs. C-177B SN: 17701919 N34644:  
Tach: 4283.8 Engine TT: 4646.1 SMOH: 1026.2

Removed, cleaned, gapped, rotated and reinstalled spark plugs. Compression check as follows: 1. 78/80 2. 78/80 3. 76/80 4. 78/80. Magneto was removed for overhaul from Aircraft Systems Inc (Repair Station #KC2R947K) and reinstalled with new drive cushions. Set timing at 25 BTDC. Removed carburetor and replaced needle/seat and nozzle gasket. Reinstalled carburetor. Removed and replaced exhaust riser on number 3 cylinder with serviceable part. Drained engine oil and serviced with seven quarts Aero Shell 15W50. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time and date only. No warranty expressed or implied beyond this time and date.

  
Robert C. Castel A & P Mechanic 3321599 IA

DATE

Quality Aero Maintenance  
23987 N. Highway 99  
Acampo, CA., 95220 PH:(209)366-1040

ENGINE

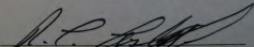
Date:12/30/2010 Tach reading:4305.8 Installed in:N34644  
TT Engine:2615.2 SMOH:1048.4

Change oil and filter. Cut open and inspect old filter:moderate amt of carbon, no metal-OK. Service with 6qts of Aeroshell 15W-50 and 1 can of Avblend per owner. Inspect engine and conduct compression check #1=76/80, #2=76/80, #3=76/80, #4=74/80. Check and adjust magneto timing to 25deg BTDC(normal for recent install as points seat in). AD2006-20-09 is N/A by engine S/N and crankshaft not replaced after 3/1/2010. AD2007-04-19r1 is N/A. Not equipped with Superior Airparts cylinders. AD2009-26-12 is N/A. Not equipped with ECi cylinders. AD's CW and updated through revision 2010-26F.

  
Frank Madden AP5670225191A

04/16/2011 @ 13:00 Hrs. C-177B SN: 17701919 N34644:  
Tach: 4311.4 Engine TT: 4673.7 SMOH: 1053.8

Removed, cleaned, gapped, rotated and reinstalled spark plugs. Compression check as follows:  
1. 78/80 2. 78/80 3.78/80 4. 78/80. Checked timing at 25 BTDC. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time and date only. No warranty expressed or implied beyond this time and date.

  
Robert C. Casteel A & P Mechanic 3321599 IA

# INSPECTION & MAINTENANCE RECORD

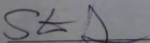
TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

Date 10/18/11  
Reg # 34644

TACH 4323.1  
SMOH 1065.5

Drained Oil, removed Oil Filter & cut open, no  
Contaminates noted. Install CH48103 Filter and  
Safety. Fill with 7qts 15W50 Aeroshell and 12 oz of  
AVBLEND oil additive. Clean Engine. Run up and  
leak checks O.K.

  
Steve Deome/Owner

Date 10/18/11

## INSPECTION &amp; MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

Engine, Lycoming: O360-A1F6D SR#L-27977-36A

May 10 2012 Tach: 4356.4 Engine TT <sup>4356.4</sup>~~4718.7~~ TSMOH 1098.9

Drained Oil, R&R Oil filter installed champion CH48103 ,Cut filter no FOD found. serviced with 7gts. Aeroshell 15W50. and 1 can AvBlend oil additive. Leak check OK. Cleaned fuel strainer and Elec fuel pump bowl, cleaned, gapped and rotated spark plugs, Check timing, Compression check: #1: 71/80. #2: 75/80. #3: 74/80. #4: 73/80. complied with AD 2006-12-07 and found N/A (no ECI cylinders installed) Complied with AD 2012-03-07 and found N/A (the HA-6 Carburetor is not installed on this engine. Repaired Broke wire on Alternator. Removed exhaust shroud and inspected for cracks non noted. I certify that this engine has been inspected in accordance with a 100 hour inspection.

Anthony Hinkle

IA 2887389 IA

END

Engine, Lycoming: O360-A1F6D SR#L-27977-36A

June 11, 2013 Tach: 4399.2 Engine TT <sup>4399.2</sup> ~~4761.5~~ TSMOH 1141.7

Drained Oil, R&R Oil filter installed Tempest 48103-2 ,Cut filter no FOD found. serviced with 7gts. Exxon Elite 20W50. and 1 can AvBlend oil additive By Owner. . Leak check OK. Cleaned fuel strainer Replaced gaskets and O rings and Elec fuel pump bowl replaced rubber gasket, cleaned, Replaced Spark Plugs due to bad Ohm check with new Tempest URHM38E, Check timing. Compression check: #1: 75/80. #2: 78/80. #3: 78/80. #4: 76/80.. Removed exhaust shroud and inspected for cracks non noted. Replaced Air Filter Bracket BA5705. Complied with AD 2012-19-1 by research and found not applicable. AD2006-20-09 was previously complied with and verified that the crankshaft installed in this engine is not affected by the new data specified in the new AD. I certify that this engine has been inspected in accordance with a 100 hour inspection.

Anthony Hinkle

END

IA 2887389 IA

VOTI

Engine,

Lycoming: O360-A1F6D SR#L-27977-36A

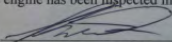
1 AUGUST 2014

Tach: 4423.6 Engine TT 4423.6 TSMOH 1166.2

Drained Oil, R&R Oil filter installed Tempest 48103-2 ,Cut filter no FOD found. serviced with 7gts. Exxon Elite 20W50. and 1 can AvBlend oil additive By Owner. . Leak check OK. Cleaned fuel strainer, carb drain, elec fuel pump filter cleaned Tempest URHM38E, Check timing. Cold Compression check: #1: 73/80. #2: 75/80. #3: 76/80. #4: 75/80.. Removed exhaust shroud and inspected for cracks non noted. Replaced Air Filter Bracket BA5705. Run up, leak check OK.

I certify that this engine has been inspected in accordance with a 100 hour inspection.

Anthony Hinkle



IA 2887389 IA

-----END-----

Engine,

Lycoming: O360-A1F6D SR#L-27977-36A

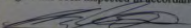
12 September 2015

Tach: 4441.8 Engine TT 4441.8 TSMOH 1184.4

Drained Oil, R&R Oil filter installed Tempest 48103-2 ,Cut filter no FOD found. serviced with 7gts. Aeroshell 15W50. and 1 can AvBlend oil additive By Owner. . Leak check OK. Cleaned fuel strainer, carb drain, elec fuel pump filter cleaned and rotated spark plugs. Tighten Y fuel adapter at Carb due to leak. Warm Compression check: #1: 75/80. #2: 76/80. #3: 74/80. #4: 78/80.. Removed exhaust shroud, pressure tested and inspected with soap solution for cracks non noted. Replaced Air Filter Bracket BA5705. Washed engine. Tighten several loose oil return lines. Run up, leak check OK.

I certify that this engine has been inspected in accordance with a 100 hour inspection.

Anthony Hinkle

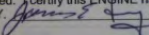


IA 2887389 IA

-----END-----

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

11/10/2016 Lycoming O 360-A1F6D, SN 27977-36A, Tach 4458.1, SMOH 1200.7. Completed 100 hr inspection IAW Service manual. Engine run for performance and warming. Compressions check, warm, at #1 74/80, #2 74/80, #3 72/80, #4 75/80. Ignition timing checks to specifications. Plugs inspected, cleaned and rotated. I certify this ENGINE has been inspected for a 100 hr inspection and found AIRWORTHY.  James E. Ivy  
A&P 3454465IA

8/25/2017 N34644 4459.1 Tach, 1201.7 SMOH. Spark plugs removed, cleaned as necessary, inspected, rotated top to bottom and reinstalled. Engine compression test results as follows:

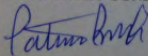
1-71 2-68 3-62 4-69

Oil & filter changed. 8 qts. Aeroshell 15W50 & CH48103 filter installed.

Dressed propeller nicks. Adjusted alternator belt. Secured loose bolts on accessory case.

Engine ground-run & leak checked. See airframe logbook & AD compliance report for AD compliance details.

**I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN ANNUAL (100 HR) INSPECTION & THAT IT IS IN AN AIRWORTHY CONDITION.**



Patricia R. BURCH  
AP3524230 IA

# INSPECTION & MAINTENANCE RECORD

Arispe Aviation LLC 1704 Canyon Wren Dr. McKinney, Tx 75071  
 Cessna 177B N34644 S/N 17701919 Tach Time 4469.3 Date 04Sep18 (A)  
 Lycoming o-360-A1F6D S/N L-27977-36A TSMO 1259.5 ETT 4879.4

See Note

Performed 100hr/Annual inspection I.A.W. Manufacturers Maintenance Manual  
 Serviced engine with 7qts Phillips 20W-50W XC  
 Installed New Oil Filter Tempest AA48110-2. Inspected Removed Filter, no defects noted  
 Performed oil analysis with Avlab Metal Check.  
 Compression check #1-76/80 @ 189^ #2-74/80 @ 173^ #3-73/80 @ 176^ #4-75/80 @ 168^

I certify this aircraft has been inspected I.A.W. a 100hr/Annual inspection using the aircraft maintenance manual and FAR part 43 appendix D and was found to be in an airworthy condition at this time

Anthony Arispe I.A. 3381156

Signature

Date

9/4/18:  
4516.9

SMOH

1247.6

1211.9

1259.5V

10/5/18 4522.6

Cessna 177B N43644 S/N 17701919 ARISPE AVIATION

Note Here:

OIL CHANGED/REPLACED WHEN NEW CCA 1700 OIL QUICK

SMOH = 1247.6

DRAW INSTALLED. M. Haas (ref airframe Log) (QUICK)

1265.2

SMOH = 1265.2V

5

NOTE:

HOURS TACH TIME AS OF SEPT 4, 2018 WERE 4516.9 (A)

SEE MARCI'S LOGBOOK.

SMOH 1259.5V

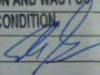
(ENGINE WAS 4469.3 AS OF JANUARY 30, 2013) ETT

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

8/9/19 T-4589.9 TSMOH-1329.5 100 hr /Annual Inspection  
 Compression test: 76, 76, 75, 74/80  
 Removed all sparkplugs, clean inspect gap and reinstall all sparkplugs. Serviced with 8 quarts of AS 15w50 oil and a CH48103-1 oil filter. Checked both magnetos to 25 degrees. Replaced engine intake air filter, PN-BA5705. Check all belts, hoses, and engine mount for condition and wear. Inspected intake and exhaust systems. Reinstalled engine cowling. Ran engine to full power and checked all systems. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.131B/2A and applicable maintenance manual. Charles Schandelmeier, IA3575997

I CERTIFY THAT THIS Engine HAS  
 BEEN INSPECTED IN ACCORDANCE WITH  
Koch/Annual INSPECTION AND WAS FOUND  
 TO BE IN AIRWORTHY CONDITION.



(PB SMOH - 1332.3)

12-9-2019	1376.9	CHANGED OIL SHELL W5W50 Marcie Hueser with help from Norman Lindsey
-----------	--------	--

☐

DATE TIME

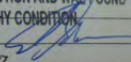
8/19/20 1-4677.6 ETT-4677.6 TSMOH-1420.2 100 Hr/Annual Inspection  
 Compression test: 74, 74, 74, 76/80  
 Removed all sparkplugs, clean, inspect gap and reinstall all sparkplugs.  
 Change oil and filter. Serviced with 9 quarts of AS 15W50 oil and a Tenpest  
 48103-2 oil filter. Oil analysis taken and sent to Aviation Labs. Checked  
 magneto timing to 25 degrees. Replaced engine intake air filter, PN-BA5705.  
 Check all belts, hoses, and engine mount for condition and wear. Replaced  
 oil drain plug with new CCA-37000 quick drain. Inspected intake and  
 exhaust systems. Installed new EGT probe, PN-86255 and a serviceable  
 EGT gage. Reinstalled engine cowling. Ran engine to full power and  
 checked all systems. All checks were normal. All work performed IAW  
 FAR43, Appendix D and AC43.131B/2A and applicable maintenance  
 manual. Charles Schandelmeier, IA3575997

AERO SPECIALISTS OF TX IN 1500 E INDUSTRIAL BLVD

MCKINNEY TX 75067

8/19/20 TAF 4677.6 = SMOH 1420.2 100 HOUR/ANNUAL INSPECTION

I CERTIFY THAT THIS Engine HAS  
 BEEN INSPECTED IN ACCORDANCE WITH A  
100hr/Annual INSPECTION AND WAS FOUND  
 TO BE IN AIRWORTHY CONDITION.

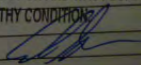


9/13/21 T-4742.9 ETT-4742.9 TSMOH-1485.5  
 100 hr/Annual Inspection Compression Test-72, 77, 75, 73/80  
 Removed all sparkplugs, clean, inspect, gap and reinstall all  
 sparkplugs. Checked magneto timing to 25 degrees. Replaced  
 engine air filter, PN-BA5705. Check all belts, hoses, and engine  
 mounts for condition and wear. Inspected intake and exhaust  
 systems. Replaced muffler, PN-A17540001-9 and #3 cylinder  
 exhaust riser, PN-A1754007-1. Reinstalled using all new gaskets.  
 Ran engine to full power and checked all systems. All checks were  
 normal. All work performed IAW FAR43, Appendix D and  
 AC43.131B/2A and applicable maintenance manual. This engine  
 is returned to service. Charles Schandelmeier, IA3575997

9/13/2021 - OIL CHANGED -

8QTS AERO-SHELL 15W50 OIL AND  
 CHAMPION OIL FILTER CH48103-1

I CERTIFY THAT THIS Engine HAS  
 BEEN INSPECTED IN ACCORDANCE WITH A  
100hr/Annual INSPECTION AND WAS FOUND  
 TO BE IN AIRWORTHY CONDITION.





## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1/9/202 <del>2</del> <sup>3</sup>		<p style="text-align: right;">← 1/9/2023</p> <p>T-1808.6</p> <p>Replaced prop cable with new cable, PN-MCC299506-0105. Remove magneto for overhaul and reinstalled after overhaul was completed, PN-10-682555-11, SN-F1589030G. Ran engine to full power and checked all systems. All checks were normal. This engine is returned to service. Charles Schandelmeier, IA3575997</p> <p style="text-align: right;"><i>Aircraft Acc. of Ok</i></p>
10/1/2023		<p>T-4837.3 ETT-4837.3 TSMOH-1579.9 N34644</p> <p>100 hr/Annual Inspection</p> <p>Compression test-77, 77, 76, 75/80</p> <p>Removed all sparkplugs inspect, clean, test and reinstall. Change oil and filter. Serviced with 7 quarts of AS15W50 oil and a 48103-1 filter. Oil sample sent in for analysis. Checked magneto timing at 25 degrees. Replaced engine air filter, PN-BA5705. Ran engine to full power and checked all systems. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.13 1B/2A and applicable maintenance manual. This engine is returned to service. This engine has been inspected IAW a 100HR/Annual Inspection and found to be in airworthy condition. Charles Schandelmeier, IA3575997</p>

