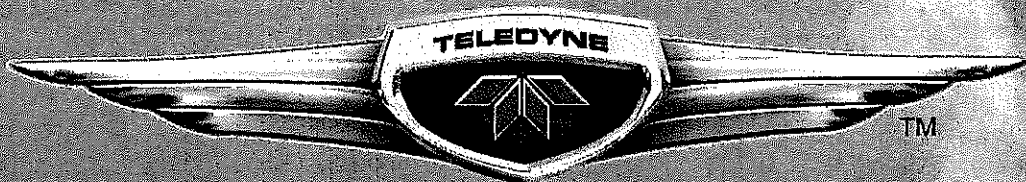
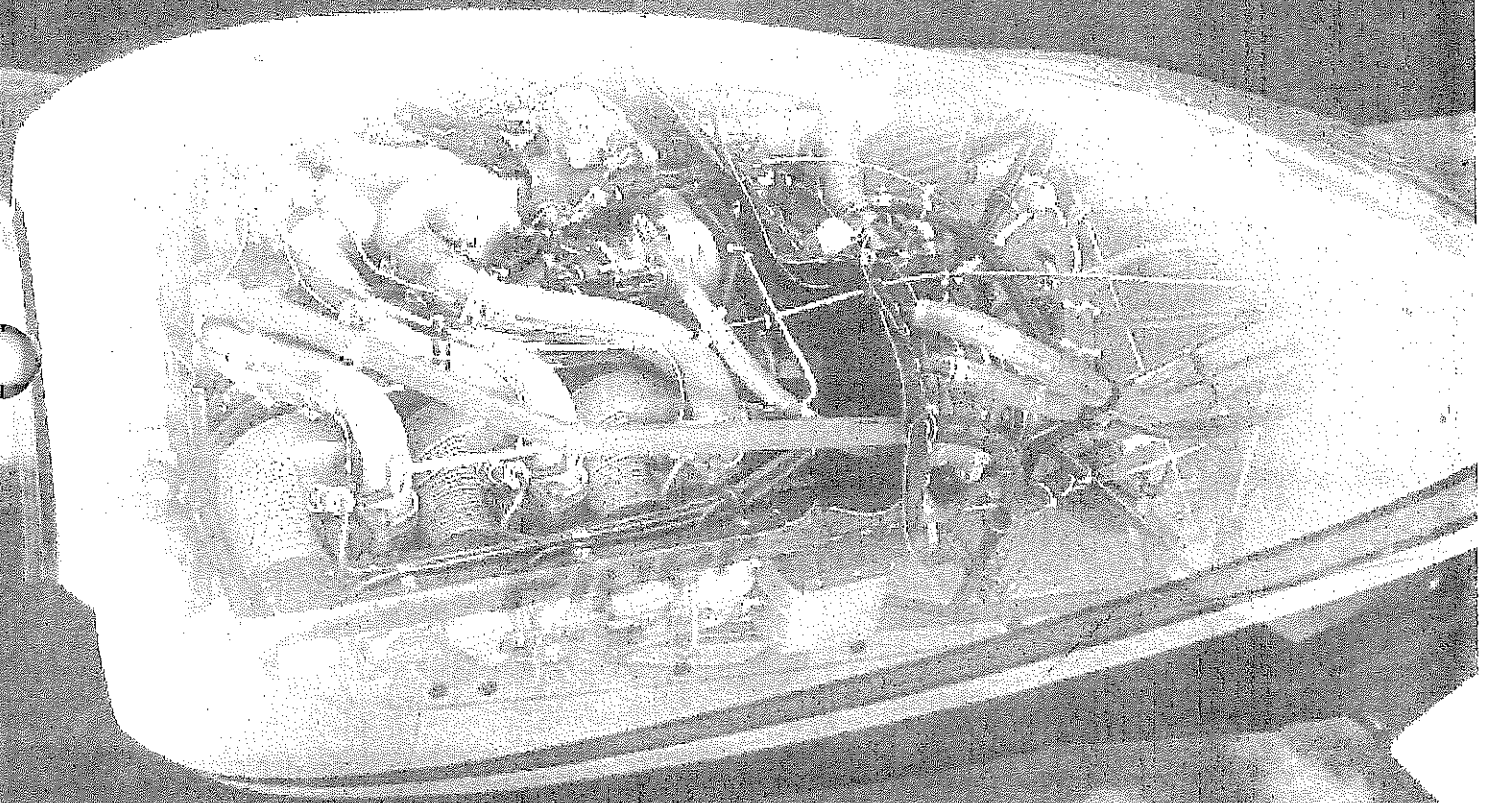


ENGINE LOG BOOK



CONTINENTAL MOTORS

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

251-990-5080

Engine Returns

All returned engines are to be shipped with this log book Directly to:

**Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310**

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**

This engine model ____I0470F27____, Serial No. 089949-R, was rebuilt/zero timed on 06/09/00 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB	AD	REMARKS	SB	AD	REMARKS
M70-10	70-14-07	REPLACED WITH NEW PART	CSB94-15	N/A	CRANKCASE STUD INSPECTION
M73-2	72-20-02	REPLACED WITH NEW PART	N/A	95-21-15	N/A SERIAL NUMBER
M79-2	79-05-09	REPLACED WITH NEW PART	MSB96-10	N/A	CRANKSHAFT ULTRASONIC INSPECTION
M88-4	88-03-06	REPLACED WITH NEW PART	MSB96-10	N/A	CRANKSHAFT ULTRASONIC INSPECTION
M91-10	93-08-17	VISUAL INSPECTION	MSB94-8A	N/A	MAGNETO TO ENGINE TIMING
N/A	91-19-03	REPLACED OIL FILTER	CSB9710A	97-21-02	PISTON PIN PLUG WEAR
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVED	CSB98-1	N/A	INTAKE AND EXHAUST VALVE INSPECTION
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE	MSB00-5A	2000-08-51	CRANKSHAFT MATERIAL INSPECTION
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE	CSB99-3A	99-09-17	CRANKSHAFT ULTRASONIC INSPECTION
N/A	94-14-12	N/A			

Records reflecting this rebuilding are on file at Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601.

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508



Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →

April 13 2005
Tach 65.3

Inspect Engine I/C/W an Annual Inspection. Compression check c/w. All 72/80 or Better. Checked mag timing. Cleaned, Gapped, and rotated plugs. Drained oil, changed filter, reservecd with Aeroshell W100. Ran no leaks noted. Check all mounts, controls, and exhaust. I certify that this engine was inspected I/C/W an Annual Inspection and is in Airworthy condition. Eddie Hoek 430314162 A&P/I.A.

18 MAY 2006/TACH: 123.1 . INSPECT ENGINE ICW AN ANNUAL INSPECTION. COMPRESSION CHECK C/W. ALL 72/80 OR BETTER. CHECKED MAG TIMING. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. CHECKED ALL MOUNTS, CONTROLS, AND EXHAUST. CHECKED ALL FILTERS. DRAINED OIL. CHANGED FILTER. RESERVICED WITH 12 QUARTS AEROSHELL W100 OIL. RAN AND NO LEAKS NOTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED ICW AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION. EDDIE HOEK A&P/I.A. *Eddie Hoek*

1 JUNE 2007/TACH: 179.6 INSPECT ENGINE ICW AN ANNUAL INSPECTION. COMPRESION CHECK C/W. ALL CYLINDERS AT 72/80 OR BETTER. CHECKED MAG TIMING. CLEANED, GAPPED AND ROTATED SPARK PLUGS. DRAINED OIL. CHANGED FILTER. RESERVICED WITH 12 QUARTS AEROSHELL W100. RAN NO LEAKS NOTED. CHECKED ALL MOUNTS, CONTROLS, AND EXHAUST. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED ICW AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION. EDDIE HOEK 430314162 A&P/I.A. *Eddie Hoek*

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward	→			

1 JULY 2008/TACH: 704.1 INSPECT ENGINE ICW AN ANNUAL INSPECTION. COMPRESSION CHECK C/W. ALL AT 72/80 OR BETTER. CHECKED MAG TIMING. CLEANED AND GAPPED SPARK PLUGS. DRAINED OIL. CHANGED FILTER. RESERVICED WITH OIL. RAN AND NO LEAKS NOTED. CHECKED ALL MOUNTS, CONTROLS, AND EXHAUST. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED ICW AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION. EDDIE HOEK 430314162 LA/A&P

Eddie Hoek

1 AUG 2009/TACH: _____ INSPECT ENGINE ICW AN ANNUAL INSPECTION. COMPRESSION CHECK C/W. ALL AT 70/80 OR BETTER. CHECKED MAG TIMING. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. OIL AND FILTER PCW. REPLACED AIR INLET FILTER. CHECKED ALL MOUNTS, CONTROLS, AND EXHAUST. CHECKED ALL BAFFLINGS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED ICW AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION. EDDIE HOEK 430314162 A&P/I.A

Eddie Hoek

DATE: 9/7/10
N # 3242Y
TACH: 535.4
A/C TT: 3458.3

Royal Air

1530 Airport Dr. Hangar 2
Shreveport, LA 71107
318-221-3381

TSN: 535.1

ENGINE S/N 089949-R

COMPLETED 100 HR/ANNUAL INSPECTION PER CESSNA 182 MAINTENANCE MANUAL. COMPRESSION: #1. 68/80 #2. 79/80 #3. 69/80 #4. 69/80 #5. 69/80 #6. 70/80. CHANGED OIL AND CUT FILTER. NO METAL FOUND. SERVICED WITH A/S 15W-50. REPLACED INDUCTION FILTER BA-8103-1. CLEANED, GAPPED AND TESTED SPARK PLUGS. REPLACED TOP #1 PLUG RHB32S. REPLACED THROTTLE CABLE WITH NEW A-800. RIGGED PER M/M. RERIGGED CABIN HEAT VALVE. REPLACED SCAT TUBING AS NEEDED. TIGHTENED GENERATOR BELT. REPAIRED BAFFLING AS NEEDED. CLEANED AND RAN ENGINE. OPS AND LEAK CHECK GOOD.

I certify that this Engine has been inspected in accordance with a 100 Hr/Annual inspection and was determined to be in airworthy condition

Rodney Preston
AP456432489IA W02136

IO470F(21) SN 089949-R CYL# 1

ON 10/21/2011
664.3

WORK ORDER

Work Order No. 63247 Customer Madison Air Center

Part No. 654960A2 Serial No. 96656

Nomenclature Con 6 10-470-F27 cylinder assy

Description of work performed Replace exhaust guide

ground seats, Installed new intake & exhaust valves, Bored P15 & supplied new piston & ring

All work performed in accordance with applicable manufacturer's maintenance and parts manuals.

Date 10-12-11 Signed B. J. M. Don

MATTITUCK SERVICES, INC.

FAA Repair Station T10R834B

ance Record
s, Special Inspections,

Engine Maintenance Entry November 11, 2011

N3242Y CESSNA 182E SN# 18254242

Aircraft Total Time 3587.7, Tach and engine TT 664.6

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Drained engine oil and inspected filter, no metal was noted. The engine was serviced by an unapproved mounted remote filter kit. The kit adapter was removed and a serviceable 538727 screen assembly was installed. The engine sump was serviced with Aeroshell 100 mineral. A differential compression check was performed 1)10/80, 2)0/80, 3)65/80, 4)60/80, 5)58/80, 6)60/80. The reference MOT was 46/80. Cylinders number one and two were returned to the TCM service center at Mattituck (FAA CRS T10R834B) and repaired under work order 63247 dated 10-12-2011. Serial 96656 was reinstalled to position one and cylinder serial 96657 was reinstalled to position two. Both magnetos were removed, disassembled and inspected in accordance with the Slick 500 hour inspection guide. The carbon brush was replaced in both, the point followers were lubricated, both were internally cleaned and retimed. No other defects were noted. The magnetos were reinstalled and timed using a time rite. The spark plugs were cleaned gapped and tested and reinstalled utilizing new gaskets. The fuel metering screen was cleaned and the fuel nozzles were cleaned. The engine fuel flow was adjusted in accordance with TCM SID 97-3E. The idle speed and mixture was reset. The engine was washed, ground ran and leak checked, no leaks were noted. This engine has been inspected in conjunction with an annual inspection and is approved for return to service.

David C Entekin A&P 33985571A

Engine Maintenance Entry December 12, 2012

N3242Y CESSNA 182E SN# 18254242

TCM IO 470 F27 SN 089949-R

Aircraft Total Time 3635.1, Tach and engine TT 712

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Drained engine oil and inspected screen, no metal was noted. The engine sump was serviced with Aeroshell 100 W. A differential compression check was performed 1)70/80, 2)62/80, 3)60/80, 4)58/80, 5)70/80, 6)70/80. The reference MOT was 46/80. The fuel metering screen was cleaned and the fuel nozzles were cleaned. The idle speed and mixture was reset. The engine was washed, ground ran and leak checked, no leaks were noted. This engine has been inspected in conjunction with an annual inspection and is approved for return to service.

David C Entekin A&P 33985571A

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forw

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

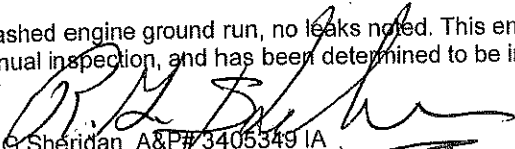
Engine Maintenance Entry N3242Y March 15, 2016
Continental IO-470-F27 S/N# 089949 Tach: 850.8 Eng TTSN: 850.8


Maintenance Actions Performed:

- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.
- 2) Drained oil. Removed and inspected screen with no metal noted. Reinstalled screen and saftied. Serviced engine with 11 quarts Aeroshell 100W.
- 3) Performed differential compression check. Results: 1) 64/80, 2) 66/80, 3) 70/80, 4) 68/80, 5) 60/80, 6) 74/80.
- 4) Replaced bracket induction filter, P/N: BA 8103, inspected filter housing in accordance with ICA 1-194. No defects noted.
- 5) Performed operational check of ELT in accordance with 14 CFR 91.207 (d). No defects noted at this time. **ELT Battery expiration date: 3-2024.**

Work accomplished by: R. G. Sheridan, Charles R. Hopper and Jacob Cox.

Washed engine ground run, no leaks noted. This engine has been inspected in conjunction with an annual inspection, and has been determined to be in an airworthy condition. END.


R. G. Sheridan A&P# 3405349 IA

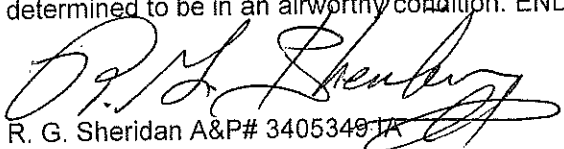
Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

Propeller Maintenance Entry N3242Y March 20, 2017
Cessna 182E S/N: 18254242 Tach: 859.2 Prop TTSN: 859.2
McCaughey 2A34C66-P/A-5-90AT-8 S/N 000049, UC012YSC, UC000YSC.

Maintenance Actions Performed:

- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.

This propeller has been inspected in conjunction with an annual inspection, and has been determined to be in an airworthy condition. END.


R. G. Sheridan A&P# 3405349 IA

