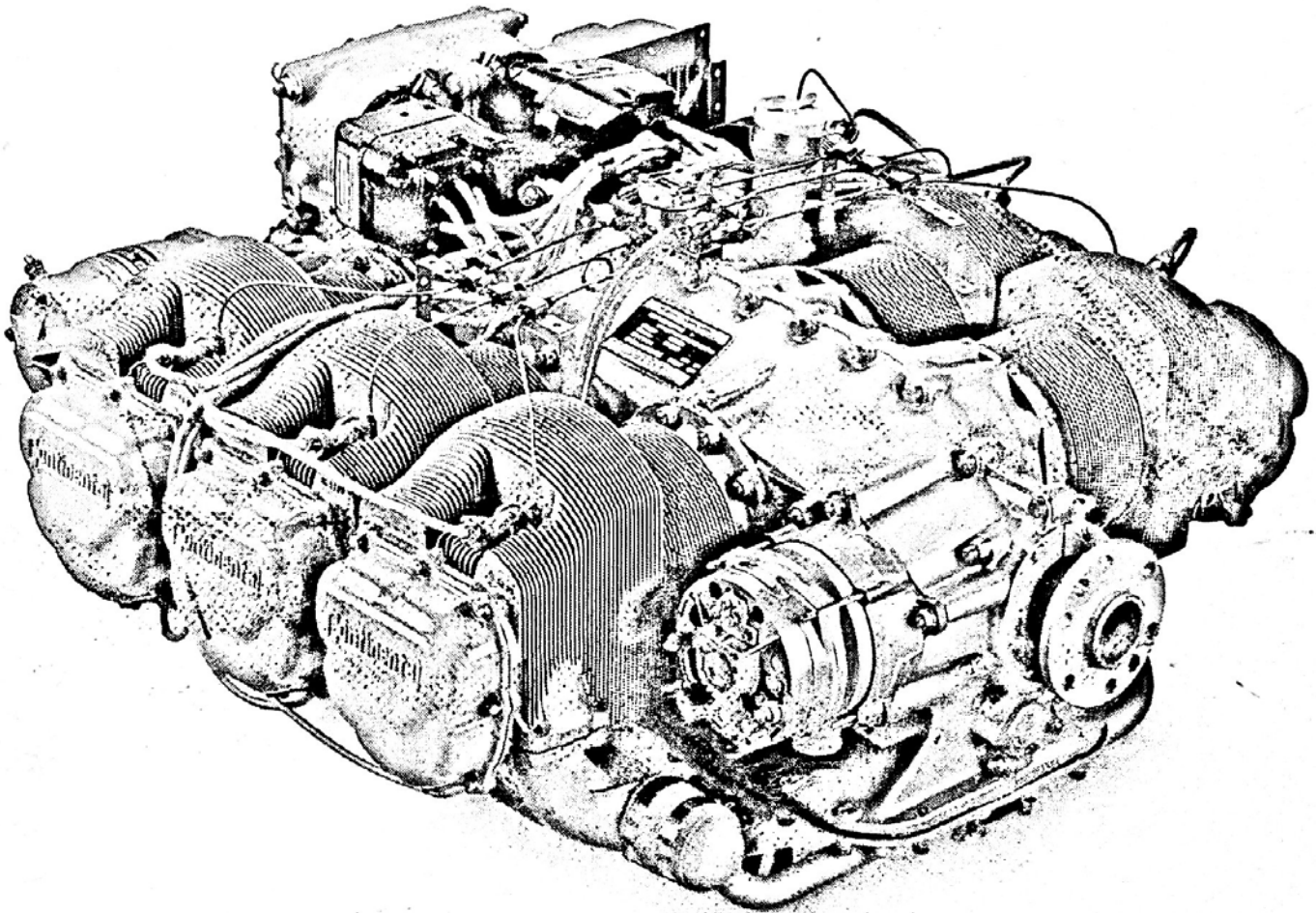


# ENGINE LOG BOOK



**Teledyne Continental Motors, Inc.**

## 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.

## 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

MOONEY M20R  
S/N # 29-0341  
R/N # N341PS

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



**Teledyne Continental Motors, Inc.**

A Teledyne Technologies Company

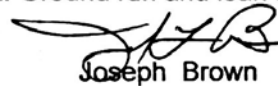

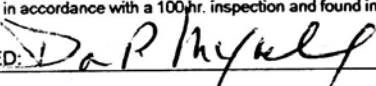
Printed: 07/09/2004

This engine model **I0550G6**, Serial No. **685109** was manufactured on **07/09/2004** by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

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.	
10-7-05	108	0			Drained oil (8qts Phillips 20W50 Type M) Removed & cut filter no metal found Installed Champion 48109-1 1916 to 19416 IAD filter instructions - safted, serviced with 8qts Aeroshell 15W50 - run up shows good pressure on oil and no leaks - end - ← Sande Ream #P2470055 38 →
<div style="display: flex; justify-content: space-between;"> <div> <p>Make: Mooney      Model: M20R</p> <p>Registration: N341PS      Serial #: 20-0341</p> <p>Left. Engine Ser #:      Engine Total Hours: 164.3</p> </div> <div> <p>Date: 9/26/2005</p> <p>Total Hours: 164.9</p> <p>Tach: 164.9</p> <p>TTS MOH:</p> </div> </div> <p>Change oil and filter, Cut and inspect filter, Install new CH48109-1 oil filter and service with 8qts Aeroshell 15W50 oil. Ground run and leak check.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">               Joseph Brown         </div> <div style="text-align: center;">               (KAOS)         </div> <div style="text-align: right;">             A &amp; P: 2226812         </div> </div>					
<div style="display: flex; justify-content: space-between;"> <div> <p>ENGINE MODEL: IO 550 G6 ENGINE S/N: 685109 REG. NO: N341PS WORK ORDER: 531-12-2005</p> </div> <div> <p><b>Don Maxwell Aviation Services, Inc.</b> 390 Central Road - East Texas Regional Airport Longview, Texas 75603 Phone: 903-643-9902</p> </div> <div> <p>DATE: 12/21/2005 A/C TSN: 187.7 ENG TT: 187.7 TSMOH: 187.7 HOBBS: 187.7</p> </div> </div> <p><b>Engine Entries</b> (3) Check engine for leaks. Clean &amp; gapped plugs. Serviced injectors. Check mag timing &amp; security. Check intake tubes for leakage. Check exhaust system for leaks.... (4) Change oil &amp; filter with Aeroshell 15W50 &amp; Champion 48109-1 filter... (5) Compression Check #1-75, #2-74, #3-76, #4-73, #5-74, #6-69/80.... (8) AD96-12-07 Magneto Impulse coupling inspection next due @ 500 TT</p> <p>I certify this engine has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition. Don Maxwell A&amp;P 1784050</p> <div style="display: flex; justify-content: space-between;"> <div>DATE: 12/21/2005</div> <div>SIGNED: </div> <div>Work Order: 531-12-2005</div> </div> <p style="text-align: right;">Printed by EBis 3 (datcomedia.com)</p>					

Million Air Alexandria  
1037 Billy Mitchell Blvd #2502  
Alexandria, La 71303

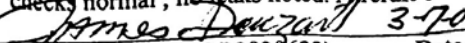
N341PS  
Work Order # 4466

Tach: 47.3  
Hobbs: n/a

Change Due

\$0.00

Disc: Aircraft engine due oilchange  
Cor Act: Drained aircraft engine oil and serviced with 8Qts Aeroshell 15W50  
Replaced oil filter with new CH48109-1 and saftied. Ground ran engine, operational  
checks normal, no leaks noted. Aircraft ok for return to service.

 3-705  
James Douzart (A&P2830623)      Date

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



2601 Cessna Lane Kennesaw, GA 30144 770-427-4954  
 LOG ID# 7535 17-April-2006 WO# 6226  
 N341PS S/N 29-0341 MOONEY M20R  
 HOBBS 215.4  
 TTENG 215.4

Pg 1 / 1

\*\*\* ENGINE LOG BOOK \*\*\*

DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 15W50 OIL. WASHED ENGINE, RAN ENGINE -. ALL CHECKS NORMAL. NO OIL LEAKS NOTED.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#6226 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

*Daniel L. Kendall*

Signed DK7R795J FOR DLK AVIATION, INC.

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.

ought Forward →

Date: 1-3-07

Hobbs: 369.5

Engine Log entry for N341PS

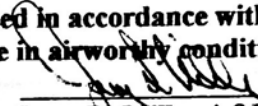
Annual Inspection

Inspect this engine as per Mooney Aircraft maintenance manual inspection guide. See corrected discrepancies listed below.

1. Compression as follows: cyl. #1-77#2-77#3-77#4-77#5-77#6-77.
2. Drain engine oil. Service engine with 8 qts. AS15W50 oil. Install new CH48109-1 oil filter, torque and Safety.
3. Wash engine, ground run and check for leaks, no leaks noted.

All work was performed as per Mooney Aircraft maintenance manual, TCM maintenance manual and FAR 43.

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

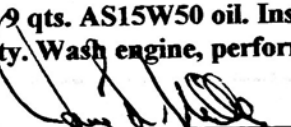
  
 Jerry L. Miller A&PIA587665559

Date: 4-23-07

Hobbs: 415.4

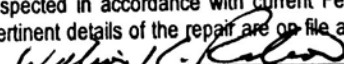
Engine Log entry for N341PS

Drain engine oil. Service engine with 9 qts. AS15W50 oil. Install new CH48109-1 oil filter, torque and safety. Wash engine, perform operational test, satisfactory, no leaks noted.

  
 Jerry L. Miller A&PIA 587665559
**LOG BOOK ENTRY**
 580 Airport Road  
 Rock Hill, SC 29732  
 803-366-5108
N341PS  
W/O 63121Engine Entry  
Hobbs Time-470.6October 25, 2007  
SN-29-0341

1. Completed oil and filter change. Took oil sample. Examined oil filter. N.D.N. Serviced with 8qts 15W50 Aeroshell and CH48109-1 filter. Completed run up. N.D.N.

**MAINTENANCE RELEASE**

The aircraft and/or component identified above 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 under Work Order No.63121 Date: October 25, 2007 Signed  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS #C41R727N



# 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 →				

ENGINE MODEL: IO-550-G  
ENGINE S/N: 685109  
REG. NO: 341PS  
WORK ORDER:  
1714-01-2008



**Premier Aircraft Service, Inc.**  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 1/10/2008  
A/C TSN: 487.7  
ENG TT: 487.7  
TACH: 487.7

## Engine Entries

REMOVED LH MAGNETO P/N 10-500556-1 S/N D04FA096 AND RH MAGNETO P/N 10-500558-1 S/N D04FA098. REINSTALLED MAGNETOS AFTER 500 HR INSP EXECUTIVE EX, INC. W/O 32597. PERFORMED FUNCTIONAL AND LEAK CHECK OK.... PURGED A/C SYSTEM. REMOVED AC COMPRESSOR PART NUMBER 770028-001 SERIAL #215 INSTALLED NEW AC COMPRESSOR PART #770028-001 SERIAL #317. EVACUATED SYSTEM AND SERVICED WITH R-134.... REPLACED ROCKER BOX COVER GASKETS #1, #2 #3, #4 CYLINDERS.... C/W 100 HR INSPECTION ON THIS ENGINE IAW FAR 43 APPENDIX D AND M20R M/M 100 HOUR INSPECTION GUIDE. COMPRESSION CHECK: CYL#1 70 /80, #2 72/80, #3 78/80, #4 74/80, #5 72/80, #6 74/80. CHANGED OIL AND FILTER. SERVICED WITH 8 QTS OF AEROSHELL 15W50 AND NEW CH48109-1 FILTER. ENGINE WAS GROUND RUN AND LEAK CHECKED GOOD.  
A&P 2761974

MECH: ADRIAN ARIAS

SIGNATURE:

## Maintenance Release

I certify this engine has been inspected in accordance with an Annual inspection and found to be in airworthy condition on this date. Aircraft is approved for return to service on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS

DATE: 1/10/2008

SIGNED:

Jack Wesley Dale, IA: 456967085

Work Order: 1714-01-2008

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ENGINE MODEL: IO-550-G  
ENGINE S/N: 685109  
REG. NO: 341PS  
WORK ORDER:  
2693-01-2009



**Premier Aircraft Service, Inc.**  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 2/6/2009  
A/C TSN: 532.5  
ENG TT: 532.5  
TACH: 532.5

## Engine Entries

COMPLIED WITH MOONEY SB M20-294 REPLACEMENT OF RETAINING NUT FASTENER ON THE ENGINE THROTTLE ARM .... C/W 100 HR INSPECTION ON THIS ENGINE I.A.W WITH FAR 43 APPENDIX d AND M20R M/M CHAPTER 5 INSPECTION GUIDE. SERVICED ENGINE WITH 8QTS AEROSHELL 15W50 AND NEW FILTER CH48109-1. OLD FILTER WAS CHECKED FOR CONTAMINATION. NONE FOUND. ENGINE WAS GROUND RUN AND LEAK CHECKED OK. PERFORMED COMPRESSION CHECK 69-62-67-70-62-70/80

A&P # 2738632

MECH: CHRISTOPHER BARCENAS

SIGN:

## Maintenance Release

I certify this engine has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition on this date. Aircraft is approved for return to service on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS

DATE: 2/6/2009

SIGNED:

JONATHAN RANNEY, IA: 2773237

Work Order: 2693-01-2009

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ENGINE MODEL: IO-550-G  
ENGINE S/N: 685109  
REG. NO: 341PS  
WORK ORDER:  
2777-03-2009



**Premier Aircraft Service, Inc.**  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 3/10/2009  
A/C TSN: 541.8  
ENG TT: 541.8  
TACH: 541.8

## Engine Entries

PERFORMED ENG FUEL SETUP AND ADJUSTMENT. SET IDLE AND MIXTURE TO SPECIFICATIONS I/AAW SI M20-107 AND TCM SID 97-3E. ENG GROUND TEST NORM NO LEAKS NOTED.

This aircraft/engine is approved for return to service with reference to work performed on this W/O on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS.

DATE: 3/10/2009

SIGNED:

Eddie Roberts, A&P: 580132660

Work Order: 2777-03-2009

Printed by EBis 3 (datcomedia.com)

Last Overhaul	
Hrs.	Min.

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

Brought

ENGINE MODEL: IO-550-G  
ENGINE S/N: 685109  
REG NO: 341PS  
WORK ORDER:  
3025-06-2009



**Premier Aircraft Service, Inc.**  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 6/11/2009  
A/C TSN: 587.2  
ENG TT: 587.2  
TACH: 587.2

**Engine Entries**

PERFORMED ENG FUEL SETUP AND ADJUSTMENT. SET IDLE AND MIXTURE TO SPECIFICATIONS I/AWW SI M20-107 AND TCM SID 97-3E. ENG GROUND TEST NORM NO LEAKS NOTED.

This aircraft/engine is approved for return to service with reference to work performed on this W/O on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS.

DATE: 6/11/2009

SIGNED:

Work Order: 3025-06-2009

Christopher Barcenas, A&P: 2738632

Printed by EBis 3 (datcomedia.com)

7-8-09

TACH

589.5

Drained oil replaced oil filter  
CH48109-1 Inspect Filter. Replenish  
8 qts Quessell 15W50 oil Run up  
leak check.

A&P 2641010

11-12-09

637.9

Drained oil replaced oil filter  
CH 48109-1 Inspect filter in  
contaminated. Replenish 8 qts Quessell  
15W50 oil run up leak check

A&P 2641010

ENGINE MODEL:  
IO-550-G6  
ENGINE S/N: 685109  
REG NO: N341PS  
WORK ORDER:  
2062-11-2009



**Mooney Airplane Company, Inc.**  
Repair Station No. CRS# MPYR456X  
165 Al Mooney Road North  
Kerrville, TX 78028  
Phone: 830-792-2911

DATE: 3/2/2010  
A/C TSN: 678.8  
ENG TT: 678.8  
TACH: 678.8

**Engine Entries**

(2) Performed 100 hr inspection and service in accordance with Mooney M20R service manual. Compressions over 80, Master Orifice Reading 33: 1) 18 - see item #101, 2) 68, 3) 66, 4) 62, 5) 64, 6) 66. Cleaned, inspected and reinstalled all fuel injectors. Checked magneto to engine timing. Performed engine set up IAW Mooney SI M20-107 and TCM SID 97-3E. (3) Drained oil and removed filter. Filter inspection passed. Installed 8 quarts of Phillips 20W50 Type M Oil and new CH48109-1 oil filter. (39) AD 2009-24-52 E NA by engine MFR date and no record of hydraulic lifters being replaced. (41) Replaced all spark plug pn RHB32E with new. (44) Reinstalled oil cooler after repair and overhaul by American Cooler Service, Inc. FAA/EASA C.R.S. 0C8R986J. For details see 8130-3 dated 2/17/2010. (46) Replaced crankshaft seal pn 641250 with new. (56) Replaced engine baffle retainers pn 600372-507 and -511 with new. (70) Cleaned corrosion from spark plug leads. (97) Replaced all engine baffle seals with current production material. (101) Replaced #1 cylinder with ECI overhauled pn FRST73.0ACA. Performed initial ground break in. (103) Replaced cylinder #1 and #3 baffle retainer pn 643359 with new. (111) Replaced LH accessory housing seal pn 25102 and gaskets pn 653487 and 654012 with new.

I certify that this Engine installed on N341PS has been inspected in accordance with a 100 hour inspection and is determined to be in airworthy condition. Pertinent details of the repair are on file at this repair station under EBis 3 Work Order No. 2062-11-2009.

DATE: 3/2/2010

SIGNED:

Work Order: 2062-11-2009

Brian Kendrick  
Certified Repair Station No. CRS# MPYR456X

Printed by EBis 3 (datcomedia.com)

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.

1001 Airport Road  
Destin, Florida 32540  
CRS DZJR423D**MIRACLE STRIP  
AVIATION  
AVIAT DESTIN**N# 341P\$ Hobbs: 711.8 except as stated below, no other work, inspection,  
Corrective action or determination of  
Airworthiness was made at this time.

Description of work performed:

Drained oil, sample taken, removed & cut open  
oil filter, no unusual F.O. noted. Serviced w/ 4qt's  
Phillips 20W-50, New filter Installed. Run leak  
ck. good. Done IAW MFR Service Manual.Maintenance Release: The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance was Repaired and Inspected  
In Accordance With Current Regulations of the FAA Administration and is approved for return to service.Signed: 

CRS#DZJR423D

WO# \$0-10-0084Date: 5-7-101001 Airport Road  
Destin, Florida 32540  
CRS DZJR423D**MIRACLE STRIP  
AVIATION  
AVIAT DESTIN**N# 341P\$ Hobbs: 766.2 except as stated below, no other work, inspection,  
Corrective action or determination of  
Airworthiness was made at this time.

Description of work performed:

Drained oil, removed old filter, and cut  
open, no defects noted. Installed new  
filter P/N 48109-1. Serviced with 4 qts  
of Aeroshell 15W50. Run up good. Leak  
check good. All IAW MFR M.M.Maintenance Release: The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance was Repaired and Inspected  
In Accordance With Current Regulations of the FAA Administration and is approved for return to service.Signed: 

CRS#DZJR423D

WO# 50-10-0272Date: 09-08-10



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

# Engine Service and Maintenance Record

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

1001 Airport Road  
Destin, Florida 32540  
CRS DZJR423D

**MIRACLE STRIP**  
**AVIATION**  
**AVIAT DESTIN**

N# 341P\$ Hobbs/Tach: 802.2 except as stated below, no other work, inspection, Corrective action or determination of Airworthiness was made at this time

Description of work performed:

Took oil sample, drained oil, removed old filter, and cut open, no defects noted. Installed new filter P/N CH48109-1. Serviced with 8 qts of Aeroshell 15W50. Run up good. Leak check good. All IAW MFR MM.

Maintenance Release: The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance was Repaired and Inspected In Accordance With Current Regulations of the FAA Administration and is approved for return to service.

Signed: Justin Judie CRS#DZJR423D

WO# 50-10-0276 Date: 11-19-10

ENGINE MODEL: IO-550-G  
ENGINE S/N: 685109  
REG. NO: 341PS  
WORK ORDER:  
4206-03-2011



## Premier Aircraft Service, Inc.

Repair Station No. 9PRR402B  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 4/1/2011  
A/C TSN: 835.3  
ENG TT: 835.3  
TACH: 835.3

### Engine Entries

(4) C/W ANNUAL INSPECTION ON THIS ENGINE I.A.W FAR 43 APPENDIX D USING MOONEY M20R M/M CHAPTER 5 INSPECTION CHECKLIST AS A GUIDE. CHANGED ENGINE OIL AND FILTER. SERVICED ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL AND A NEW FILTER. OLD FILTER AND OIL SUMP SCREEN WERE CHECKED FOR CONTAMINATION. NONE FOUND. CHECKED MAG TO ENGINE TIMING. CLEANED, REGAPPED AND CHECKED SPARK PLUGS. PERFORMED COMPRESSION CHECK: 70-72-72-75-73-74/80. ENGINE WAS GROUND RUN AND LEAK CHECKED OK. WORK DONE IAW TCM IO-550-G MM. ADS CHECKED THROUGH 2011-05.... (7) COMPLIED WITH TCM SB09-4 CRANKCASE INSPECTION FOR ENGINES WITH AIR CONDITIONING. NO DEFECTS NOTED.

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED I.A.W. CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION OFFICE.

DATE: 4/1/2011

SIGNED:

Work Order: 4206-03-2011

Adrian Arias  
Certified Repair Station No. 9PRR402B

Printed by EBis 3 (datcomedia.com)

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

Brought For

N341PS

10-15-11

Hobbs 880.8

Drained oil Replaced oil filter  
 CH48109-1. Replenish 8qts Aeroshell  
 15W50 oil. RvN up leak check.

Ron F Bos  
 ATP 2641010

**DLK**

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954  
 LOG ID# 13799 16-November-2011 WO# 11427  
 N341PS S/N 29-0341 MOONEY M20R  
 HOBBS 888.3  
 TTENG 888.3

**AVIATION, INC.**

Pg 1/1

\*\*\* ENGINE LOG ENTRY \*\*\*

INSPECTED OIL FILTER - CLEAN. PERFORMED COMPRESSION CHECK: #1 72/80 #2 70/80 #3 68/80 34 68/80 #5 68/80 #6 70/80.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#11427 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

*David L. Kendall*  
 signed DK7R795J FOR DLK AVIATION, INC.

Date: 8 March, 2012

Eng: Cont. IO 550-G6B

S/N: 685109

Tach Time: 897.2

Total Time: 897.2

Annual Inspection. Changed oil and filter using AA48109 filter and 7qts Aeroshell 15W50. Cleaned, gaped, and rotated spark plugs; Cleaned fuel strainer. Inspected and pressure tested exhaust system--no defects; differential compression test #1)75, #2)73, #3)75, #4)74, #5)74, #6)72/80. Retimed Mags to 22 degrees. Tightened A/C drive belt as per 21-54-04 of AMM. Installed new adel clamp on cabin heat duct near right exhaust manifold. Washed engine and performed operational test, No defects noted.

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

Stanley D. Wheeler 3131314 IA

*Stanley D. Wheeler*

6/2012

920 TT

Installed left and Right  
 mags after Repair by EXC  
 accessories down

Hrs.

Min.

Hrs.

Min.

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

Brought Forward

## ENGINE LOG ENTRY

Engine Make: TCM

Engine S/N: 685109

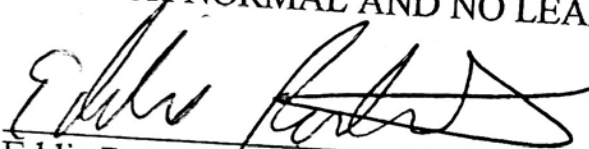
Date: 9/8/2012

Model: IO-550-G

AC Registration #: N341PS

Hobbs: 932 HRS

1) CHANGED OIL AND FILTER. SERVICED WITH 8 QTS. OF 15W50 AND A NEW CH48109-1 OIL FILTER. OLD OIL FILTER WAS CUT OPEN AND INSPECTED FOR CONTAMINATION. NONE FOUND. INSPECTED SUCTION SCREEN FOR CONTAMINATION. NONE FOUND. ENGINE WAS GROUND RUN. OPS CHECK NORMAL AND NO LEAKS NOTED.

  
 Eddie Roberts A&P 3489330

N341PS MOONEY Model M20R S/N 29-0341 JUNE 7, 2013

TCM Engine IO-550-G S/N 685109

Total Aircraft Time: 946.8 TSMOH: \_\_\_\_\_

Tach Time: 946.8

C/W ANNUAL INSPECTION ON THIS ENGINE I.A.W FAR 43 APPENDIX D USING MOONEY M20R M/M CHAPTER 5 INSPECTION CHECKLIST AS A GUIDE. CHANGED ENGINE OIL AND FILTER. SERVICED ENGINE WITH 8 QTS AEROSHELL 15W50 OIL AND A NEW FILTER. OLD FILTER AND OIL SUMP SCREEN WERE CHECKED FOR CONTAMINATION. NONE FOUND. CHECKED MAG TO ENGINE TIMING. CLEANED, REGAPPED AND CHECKED SPARK PLUGS. PERFORMED COMPRESSION CHECK: 70-72-72-75-75-72/80. ENGINE WAS GROUND RUN AND LEAK CHECKED OK. WORK DONE IAW TCM IO-550-G MM. ADS CHECKED THROUGH CURRENT ON ATP NAVIGATOR.

In reference to the work performed this aircraft airframe, propeller, engine and/or appliance was repaired and inspected IAW current regulations of Federal Aviation Administration and is approved to return to service. All work was performed IAW current applicable Airframe, engine or appliance Maintenance manuals and instructions



Brought Forward

# ENGINE LOG ENTRY

Engine Make: TCM  
Engine S/N: 685109  
Date: 1/5/2014

Model: IO-550-G  
AC Registration #: N341PS  
Hobbs: 956.7 HRS

- 1) CHANGED OIL AND FILTER. SERVICED WITH 8 QTS. OF AEROSHELL 100 PLUS AND A NEW CH48109-1 OIL FILTER. OLD OIL FILTER WAS CUT OPEN AND INSPECTED FOR CONTAMINATION. NONE FOUND. INSPECTED SUCTION SCREEN FOR CONTAMINATION. NONE FOUND. ENGINE WAS GROUND RUN. OPS CHECK NORMAL AND NO LEAKS NOTED.

*Eddie Roberts*  
Eddie Roberts A&P 3489330

ENGINE MODEL:  
IO-550-G  
ENGINE S/N: 685109  
REG. NO. 341PS  
WORK ORDER:  
5997-03-2014



Premier Aircraft Service, Inc.  
Repair Station No. 9PRR402B  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 3/21/2014  
A/C TSN: 980.8  
ENG TT: 980.8  
TACH: 980.8

## Engine Entries

(4) C/W ANNUAL INSPECTION ON THIS ENGINE IAW FAR 43 APPENDIX D USING MOONEY M/M CHAPTER 5 INSPECTION CHECKLIST AS A GUIDE. CHANGED ENGINE OIL AND FILTER. SERVICED ENGINE WITH 8 QTS 100W PLUS OIL AND A NEW CH48109-1 FILTER. OLD FILTER AND OIL SUMP SCREEN WERE CHECKED FOR CONTAMINATION. NONE FOUND. CHECKED MAG TO ENGINE TIMING. CLEANED, REGAPPED, AND CHECKED SPARK PLUGS. PERFORMED COMPRESSION CHECK: 74-70-66-73-75-73/80. ENGINE WAS GROUND RUN AND LEAK CHECKED OK. WORK DONE IAW IO-550-G MM. ADS CHECKED THROUGH CURRENT ON ATP.... (16) C/W TCM SB09-4 CRANKCASE INSPECTION FOR ENGINES WITH AIR CONDITIONING. NO DEFECTS NOTED AT THIS TIME. C/W TCM SB09-4 BY INSPECTION OF CRANKCASE RIB AT AC BRACKET. NO CRACKS NOTED. NEXT DUE IN 50 HRS.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION ON THIS DATE. AIRCRAFT IS APPROVED FOR RETURN TO SERVICE ON THIS DATE.

DATE: 3/21/2014

SIGNED:

Work Order: 5997-03-2014

Rich Quiles  
Certified Repair Station No. 9PRR402B

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21 MAY 2014 TACH 980.8  
CHANGE OIL WITH FILTERS 20W-50, REPLACE FILTER;  
GAS RUN & RETURN TO SERVICE  
*Rich Quiles*  
A&P 31665378



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→		30 July 2014 Tach 1024		
CHANGE OIL WITH THILIPS 100AW, REPLACE FILTER; PER STANBY ALTERNATOR FOR OVERHAUL P/N BC410-1 S/N 1154216; GROUND RUN & RETURN TO SERVICE					Jeff Forman AEP 3665378
10 SEPT 2014 Tach 1067					
CHANGE OIL WITH THILIPS 100AW, REPLACE FILTER; SERVICE & TEST FUEL CO; GROUND RUN & RETURN TO SERVICE					Jeff Forman AEP 3665378
30 NOV 2014 Tach 1081					
CHANGE OIL WITH THILIPS 100AW, REPLACE FILTER; RETURN TO SERVICE					Jeff Forman AEP 3665378

SOUTH TEXAS



South Texas Aircraft, LLC.  
Engine Log

N341PS 04/13/2015

Tach: 1113.5 ETT: 1113.5

C/W 100hr inspection, reference FAR 43 appendix (d) & TCM service / maintenance manuals. Performed compression test #1-75/80, #2-63/80, #3-75/80, #4-72/80, #5-75/80, and #6-73/80. Removed, cleaned, gapped, and tested spark plugs. Pressure tested exhaust system, no leaks found. Removed oil filter, inspected filter for metal. Serviced engine with CH48109-1 oil filter and 8qts W100 oil. Verified AD compliance to 04/13/2015. Verified that AD 2014-05-29 was not applicable by SAP cylinders not installed. A complete AD summary was furnished to aircraft owner and is part of aircraft permanent records. Washed engine and cowlings. Leak and ground run ops check, ok. I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition at this time.

A&P 3584134

James Gibbs



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

5/5/16  
Date

**-END**

Brian Spiro

A&P/IA #2826898

[illegible]

**JB Aviation Aircraft Maintenance, Inc.**  
5112 Greenwood Rd · Wonder Lake, IL 60097 · 815-648-2642

N #: **N341PS** Engine Log Entry

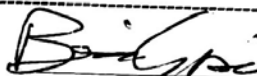
Engine: Continental IO-550-G6 Serial #: 685109 Tach: 1266.5 SMOH: 1266.5 Date: 26 APR 18

Completed annual inspection IAW FAR 43 Appendix D & Manufacturer's Service Manual Annual Inspection Section & performed routine service requirements as specified by the aircraft manufacturer. The following work was performed:

1. Performed engine cylinder compression check. Cyl #1-74/80, Cyl #2-56/80, Cyl #3-70/80, Cyl #4-69/80, Cyl #5-70/80, Cyl #6-62/80.
2. Drained engine oil. Removed, cut, and inspected oil filter (no contaminants found). Installed new CH48109-1 oil filter and filled engine with 8 quarts of Aeroshell 15W50 oil.
3. Checked magneto timing.
4. Inspected exhaust system, no defects found at this time.
5. Removed, cleaned, gapped, and tested spark plugs. Rotated spark plugs.
6. All AD's checked and determined to be complied with at this time.
7. Performed run-up and leak check, ops normal at this time.

*I certify that this Engine has been inspected IAW an Annual Inspection and was determined to be in an airworthy condition.*

END

  
Brian Spiro

A&P/IA #2826898

**JB Aviation Aircraft Maintenance, Inc.**  
5112 Greenwood Rd · Wonder Lake, IL 60097 · 815-648-2642

N #: **N341PS** Engine Log Entry


Engine: Continental IO-550-G6 Serial #: 685109 Tach: 1278.7 SMOH: 1278.7 Date: 01 MAY 2019

Completed annual inspection IAW FAR 43 Appendix D & Manufacturers Service Manual Annual Inspection Section & performed routine service requirements as specified by the aircraft manufacturer. The following work was performed:

1. Performed engine cylinder compression check. Cyl #1-72/80, Cyl #2-68/80, Cyl #3-64/80, Cyl #4-68/80, Cyl #5-64/80, Cyl #6-60/80.
2. Drained engine oil. Removed, cut, and inspected oil filter (no contaminants found). Installed new AA48109-2 oil filter and filled engine with 8 quarts of Aeroshell 15W50 oil.
3. Checked magneto timing.
4. Inspected exhaust system, no defects found at this time.
5. Removed, cleaned, gapped, and tested spark plugs. Rotated spark plugs.
6. All AD's checked and determined to be complied with at this time.
7. Performed run-up and leak check, ops normal at this time.

*I certify that this Engine has been inspected IAW an Annual Inspection and was determined to be in an airworthy condition.*

END

  
Troy Schlote

A&P/IA #3590247

**MYERS AVIATION, INC. OSHKOSH, WI**

**ENGINE LOG ENTRY - N341PS**

September 11, 2021

Hobbs 1269.4

Tach 1281.1 ETSN

Annual inspection completed this time and date. Drained oil and removed filter for inspection - OK. Serviced engine with 8 quarts Aeroshell 15w50 and new AA48109-2 filter. Compression check: #1 72/80, #2 71/80, #3 68/80, #4 72/80, #5 68/80, #6 63/80. Removed spark plugs, cleaned, gapped, tested, and reinstalled with new gaskets. Checked mag timing. Serviced induction air filter in accordance with manufacturer's instructions. Inspected all accessories, systems and engine controls for condition, proper operation and security. ADs C/W through 9-1-2021. Ground run engine for leaks and performance.

*I certify that this engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.*

  
Steve J. Myers AP3521097IA



# Satnan Avionics

Joe Foss Field  
Sioux Falls SD

Engine Log

d  
ns,

Brought

DATE	MAKE/MODE	TACH / HOBBS	TOTAL TIME	SMOH	REGISTRATION	SERIAL NUMBER
1/6/23	CONTINENTAL IO-550-G	1274.9	1274.9	1274.9	N431PS	685109

Inspected this engine IAW Mooney eminence manual section 5-20-06 and Continental service manual. Compression tested 1- 78/80: 2- 55/80: 3- 70/80: 4- 68/80: 5- 68/80: 6- 72/80. Removed spark plugs, cleaned and gaped plugs, reinstalled with new copper gaskets. Checked engine to mag timing. Drained Engine oil and serviced with 8 qts 15W50 Aeroshell. Removed oil filter, cut open and inspected for debris. ( none noted). Installed new oil filter AA48109 . Inspected induction air filter for condition. Inspected engine accessories for condition, leaks, engine controls for condition, proper operation and security. AD 22-04-04 N/A as STC's SE09356SC, SE8409SW & SE10348SC not installed. Post inspection engine run up good.

I certify this engine has been inspected IAW an annul inspection and was found to be in an airworthy condition at this time.

Details on file at this agency. W.O.# 4921

Signed

Dale Ebbinga

AP # 3565899