

TELEDYNE CONTINENTAL



**Gold
Medallion
Aircraft
Engine**

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

NEW ENGINE LOG

29-0194

AIRCRAFT N NUMBER

T0550 G6B

ENGINE MODEL NUMBER

679 414

ENGINE SERIAL NUMBER

Gold Medallion® Warranty Protection

All Teledyne Continental Motors engines delivered as original equipment after January 1, 1980 are protected by TCM's exclusive Gold Medallion Warranty. The Warranty covers parts, shipping allowance and labor during the first six months or 240 hours of operation. After six months or 240 hours of operation, these costs are prorated. Contact your TCM Distributor for all the facts or write Teledyne Continental Motors for a free brochure.

TELEDYNE CONTINENTAL MOTORS
Aircraft Products
P. O. Box 90 • Mobile, Alabama 36601

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.

This engine model T0550G-6B Serial No. 679414
was manufactured on 6-3-99 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS



TELEDYNE CONTINENTAL MOTORS
Aircraft Products

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2000 6-27											BOCA AVIATION ENGINE LOGBOOK ENTRY N21786 DATE: 06/27/00 TIME: HOBBS, 53.8 AIRWORTHINESS DIRECTIVES / SERVICE BULLETINS CW: MAINTENANCE ITEMS CW: 1. COMPRESSION CHECK: #1-73/80, #2-70/80, #3-73/80, #4-71/80, #5-75/80, #6-73/80. 2. CHANGED ENGINE OIL AND FILTER 3. SERVICED 8 QUARTS AEROSHELL 100w. 4. CHANGED FILTER, P/N: CH48109 5. RAN AIRCRAFT, LEAK CHECK GOOD. THE MAINTENANCE ABOVE WAS PERFORMED IN ACCORDANCE WITH APPLICABLE AIRWORTHINESS STANDARDS. THIS ENGINE HAS BEEN FOUND TO BE AIRWORTHY AND RETURNED TO SERVICE ON WO# 12901. <i>Doug Moreau</i> DOUG MOREAU FOR BOCA AVIATION CRS #LCPR025G		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											MOONEY AIRCRAFT CORP		
											ENGINE LOGBOOK		
											DATE: 09-11-2000 TT/HR: 63.9	S/N: 29-0194 REG# N21786	
											COMPLETED A 100 HOUR INSPECTION THIS DATE. CHANGED OIL AND FILTER. SERVICED WITH 8 QTS. AEROSHELL W100 OIL. CLEANED AND GAPPED SPARK PLUGS. CHECKED MAGNETO TIMING. CLEANED FUEL INJECTOR NOZZLES. CLEANED AIR INDUCTION FILTER. COMPRESSION CHECK #1 73/80, #2 72/80, #3 74/80, #4 72/80, #5 72/80, #6 74/80. REPLACED ALL EXHAUST GASKETS AND EXHAUST NUTS WITH NEW. RE-TORQUED ROCKER COVERS SCREWS. RE-POSITIONED ENGINE MONITOR WIRING AWAY FROM EXHAUST TUBES. REPLACED OIL COOLER S/N B99-3337-30 WITH S/N F06-3337-228. SET UP ENGINE IAW MOONEY SERVICE AND MAINTENANCE MANUAL CHAPTER 71. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO# 11224. END.		
											<i>St. Moore</i>		
											MOONEY AIRCRAFT CORP CRS# FH2R820K		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2000 12/06/00											BOCA AVIATION ENGINE LOGBOOK ENTRY S/N 679414 MODEL: IO-550-G N21786 DATE: 12/06/00 TIME: HOBBS 75.5 MAINTENANCE ITEMS C/W 1. REMOVED AND REPLACED ENGINE DRIVEN FUEL PUMP P/N 649364-4 S/N 122099043 (OFF) P/N 649364-4 S/N BOOKA407(O 2. CHANGED OIL AND SERVICED WITH 8 QT. 100W. 2. RAN AIRCRAFT OPS AND LEAK CHECK GOOD THE ENGINE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION ADMINISTRATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #13196 MIKE MURRELL FOR BOCA AVIATION CRS #LCPR025G	<i>Mike Murrell</i>	
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											ENGINE LOG N21786 DATE: 9/30/2001 TACH: 81.3 *Cleaned gapped and tested spark plugs *Compression 1.74 2.78 3.76 4.78 5.78 6.76/80 *Reset wiring for EGT/CHT *Changed Oil & Filter Serviced with 8qts Aeroshell The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Engine has been found to be Airworthy and returned to service. <i>John C. Clegg</i> John C. Clegg IA261764891		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

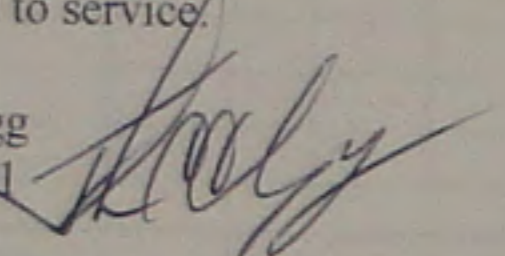
ENGINE LOG

N21786 DATE: 10/13/2002 TACH: 98.3

- *Cleaned gapped and tested spark plugs
- *Compression 1.76 2.76 3.74 4.78 5.78 6.72/80
- *Changed Oil & Filter Serviced with 8qts Aeroshell 100W & CH48109

The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Engine has been found to be Airworthy and returned to service.

John C. Clegg
IA261764891

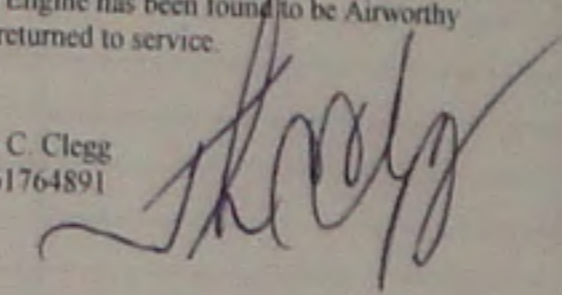


N21786 DATE: 12-1-03 HOBBS: 116.3

- *Cleaned Induction Filter
- *Compression Checked
- *Ck'ed Spark Plug Gap

The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Engine has been found to be Airworthy and returned to service.

John C. Clegg
IA261764891



ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

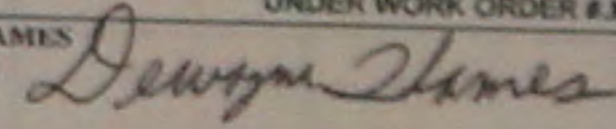
2004
8/30

BOCA AVIATION

3700 Airport rd. Boca Raton, Florida 33433
N21786 ENGINE LOGBOOK ENTRY August 30, 2004
IOSS9G S/N: 679414 HOBBS: 152.3
MAINTENANCE ITEMS C/W

1. ENGINE OIL AND FILTER CHANGED, OIL FILTER CUT OPEN- NO METAL FOUND. INSTALLED NEW FILTER PN: CH 48109-1 AND SERVICED ENGINE WITH 8 QT. AEROSHELL 100W ENGINE RUN UP AND LEAK CHECK OK.
- THE AIRCRAFT & COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE CONCERNING THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #MP-05

DEWAYNE THAMES
CRS #LCPR025G



BROUGHT FORWARD
TOTALS

ENGINE LOG

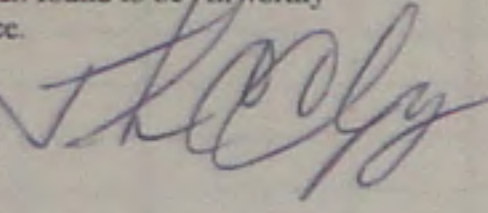
DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

ENGINE LOG
N21786 DATE: 1/1/2005 HOBBS: 155.1

- *Checked & Tested spark plugs
- *Checked Compression- Normal
- *Cleaned Fuel Screen
- *Installed new induction filter

The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Propeller has been found to be Airworthy and returned to service.

John C. Clegg
 IA261764891



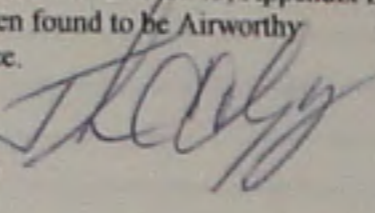
ENGINE LOG

N21786 DATE: 2/1/2006 HOBBS: 193.1

- *Changed Oil & Filter Aeroshell 100W
- *Cleaned & Checked Spark Plugs
- *Cleaned Induction Filter
- *Compression Ck 76, 78, 76, 76, 78, 78/80

The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This ~~ENGINE~~ has been found to be Airworthy and returned to service.

John C. Clegg
 IA261764891



ENGINE LOG

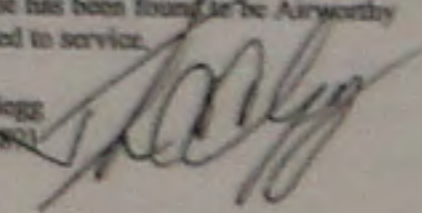
DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

ENGINE LOG
N21786 DATE: 4/1/07 HOBBS: 222.0

- *Changed Oil & Filter Siga Aeroshell 100W
- *Gapped and tested spark plugs
- *Compression 1. 70 2. 72 3. 74 4. 72 5. 72 6. 74/80 Cold
- *Cleaned Air Filter

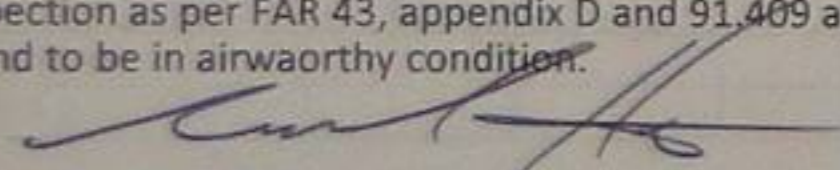
The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Engine has been found to be Airworthy and returned to service.

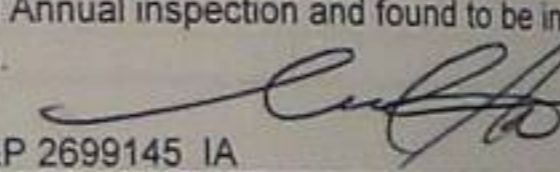
John C. Clegg
 IA261764891



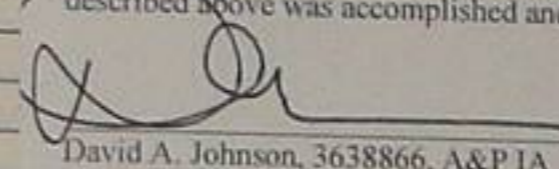
BROUGHT FORWARD
 TOTALS

ENGINE LOG

DATE	N21786	DATE: 02-18-2011	HOURS	MIN.	TOTAL	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
	Mooney M20R S/N: 29-0194							
	Hobbs: 338.6	Total Time: 338.6						
	Eng TT: 338.6	ENG TSMOH: NA						
	Prop TT: 338.6	PROP TSMOH: NA						
	Compiled with ANNUAL INSPECTION							
	Description of work performed: Serviced engine with 8 quarts of Aeroshell W100 oil. Replaced oil filter with new Champion CH48109-1 oil filter. Checked Magneto to engine timing.							
	Compressions: 1) 73 2) 72 3) 74 4) 71 5) 76 6) 73							
	Airworthiness Directives: None Checked through Feb 2011							
	This ENGINE has been inspected IAW an Annual Inspection as per FAR 43, appendix D and 91.409 and found to be in airworthy condition.							
BROUG								
	Michael H. Hutz A&P 570558740 IA							

DATE	N21786	DATE: 03-23-2012	HOURS	MIN.	TOTAL	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
	Airframe S/N: 29-0194							
	HOBBS: 370.0	TOTAL TIME: 370.0						
	Complied with Annual Inspection							
	Description of Work Performed: Serviced engine with 8 quarts of Aeroshell W100 oil. Replaced oil filter with new Champion CH48109-1 oil filter. Checked magneto to engine timing.							
	Compressions: 1) 72 2) 75 3) 73 4) 72 5) 71 6) 74/80							
	Airworthiness Directives: None Checked through March 2012							
	I certify that this Engine has been inspected in accordance with an Annual inspection and found to be in Airworthy Condition.							
								
	Michael H. Hutz A&P 2699145 IA							

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
	Supplemental Log Book Entry Engine Annual Inspection													
	Reg: N21786		Model: IO-550G-6B			S/N: 679414								
	Date: 5/24/13		Tach: 401.9			Eng TT: 401.9								
	Performed Annual Inspection in accordance with FAR Part 43, appendix "D. Complied with all applicable AD's thru 2013-10. AD12-10-13, Starter Adapter Shaft Gear, N/A by Starter Adapter has more than 100 hrs TIS. Compressions as follows: #1<72/80, #2<70/80, #3<70/80, #4<71/80, #5<70/80, #6<70/80. Changed Oil and Filter, refilled with 8 quarts of Aeroshell W100 Oil. Performed Oil Analysis and submitted to Aviation Laboratories for testing. Installed new Oil Filter P/N CH48109, inspected old Oil Filter for foreign matter and none found at this time. Performed engine ground run and no oil leaks found at this time. I certify that this Engine has been inspected/repared in accordance with an Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. -END-													
														
	David A. Johnson, 3638866, A&P IA													
	BROUGHT FORWARD													
	TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	<p align="center">Northeast Florida Aircraft Maintenance, Inc. 855-12 St. Johns Bluff Rd Jacksonville, FL 32225 (904) 641-8933</p> <p>Reg # N21786 Make MOONEY Model M20R Date: 05-22-2014 W/O #: 12961 Meter 424.5 S/N: 29-0194</p> <p>ENGINE LOG: Trouble shotb LT magneto. Removed #4 intake tube for access to mag. Removed LT mag. Found impulse coupling spring broken. Replaced spring assy. with new part IAW vendor manual. Checked points and internal timing. Found ok. Reinstalled removed components with new gaskets and timed magneto to 22 degrees BTC #1 cylinder. Ground run up checks are good. This engine is approved for return to service and is airworthy with the respect to the work preformed. Details are on file under W/O#12961 Mark Sunstrom NW4R403M</p> <p align="right"><i>Mark Sunstrom</i></p>												
BROUG													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	<p align="center">Supplemental Log Book Entry Engine Annual Inspection</p> <p>Reg: N21786 Model: 10-550G-6B S/N: 679414 Date: 8/8/14 Tach: 428.2 Eng TT: 428.2</p> <p>Performed Annual Inspection in accordance with FAR Part 43, appendix "D. Complied with all applicable AD's thru 2014-15 AD14-05-29, N/A by TCM Cylinders installed. Performed Compression Check, results as follows: #1<70/80, #2< 70/80, #3< 72/80, #4< 70/80, #5<70/80, #6<70/80. Changed Oil and Filter, refilled with 8 quarts of Customer Supplied Aeroshell W100 plus Oil. Performed Oil Analysis and submitted to Aviation Laboratories for testing. Installed new Oil Filter P/N AA48109, inspected old Oil Filter for foreign matter and none found at this time. Performed engine ground run and no oil leaks found at this time. I certify that this Engine has been inspected repaired in accordance with an Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. -END-</p> <p align="center"><i>David A. Johnson</i> David A. Johnson, 3638866, A&P IA</p>												
BROUG													
	<p>BROUGHT FORWARD</p> <p>TOTALS</p>												

THE **adlog**TM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

N21786

ENGINE
MAINTENANCE
RECORDS



ENGINE MAINTENANCE RECORDS

Aircraft Registration No. N21786 Log No. 2

Engine Manufacturer CONTINENTAL

Model T0-550G-6B

Serial No. 679414

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

- If used on multi-engine aircraft:
- Right Left
 - Front Rear



(All applicable information must be filled in)

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