

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

TD550 G6B

ENGINE MODEL NUMBER

679414

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 60 • 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 6-3-79 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 DESCRIPTION

TYPE _____ MODEL _____ SERIAL NO. _____
 RATED H.P. _____ MAXIMUM H.P. _____
 RATED R.P.M. _____ MAXIMUM R.P.M. _____ OIL PRESSURE _____
 BORE _____ STROKE _____ DISPLACEMENT _____ CU. IN. _____
 COMPRESSION RATIO _____ GEAR RATIO _____
 PROPELLER _____ HUB DESIGN _____ HUB SERIAL NO. _____
 BLADE DESIGN _____ BLADE SERIAL NO. _____ BLADE SERIAL NO. _____
 MAXIMUM HUB H.P. _____ MAXIMUM BLADE H.P. _____
 PITCH _____ DIAMETER _____ LENGTH _____
 OWNERS NAME _____
 ADDRESS _____ CITY _____ STATE _____

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.			
10/4/99									2.5		Oil drained + filter changed. Service engine with 2 qt. Amsoil 40 mineral oil Test Run. Look over fine.	<i>[Signature]</i>	1A1538224
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.			
2008													
6-27											BOCA AVIATION ENGINE LOGBOOK ENTRY N21786 DATE: 06/27/00 TIME: HOBBS, 53.8 AIRWORTHINESS DIRECTIVES / SERVICE BULLETINS C/W: MAINTENANCE ITEMS C/W: 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 WOP 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 TTIM: 63.9	S/N: 29-8184 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 7380, #2 7280, #3 7480, #4 7280, #5 7280, #6 7480. 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 SN 899-3331-20 WITH SN 190-3331-228. SET UP ENGINE IAW MOONEY SERVICE AND MAINTENANCE MANUAL CHAPTER 71. CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WOP 11224. END.		
											<i>Steve McKerns</i>		
											MOONEY AIRCRAFT CORP CRS# FH2R229K		
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.			
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 AIRDRAFT 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 #LCPRO25G <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.			

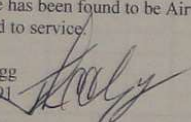
ENGINE LOG

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.

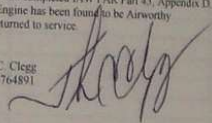
John C. Clegg
IA261764891



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.			

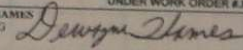
2004
8/30

BOCA AVIATION

3700 Airport rd Boca Raton, Florida 33431
N21786 ENGINE LOGBOOK ENTRY August 30, 2004
1055SG SN: 679414 HOBBS: 151.3
MAINTENANCE ITEMS C78

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. AERO SHELL 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-88

DEWAYNE THAMES
CRS #LCF025G



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.			

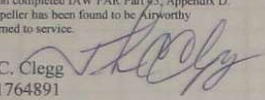
ENGINE LOG

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



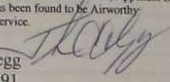
ENGINE LOG

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.			

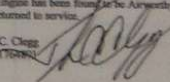
ENGINE LOG

N21786 DATE: 4/1/07 HOBBS:222.0

- * Changed Oil & Filter Syn. Aeroshell 100W
- * Checked 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



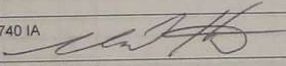
BROUGHT FORWARD
TOTALS

ENGINE LOG

DATE	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.			
BROUGHT FORWARD													
TOTALS													

N21786 Annual Inspection: Engine
 Aircraft S/N: 29-0194 Engine S/N: 679414 Hobbs: 252.2
 Prop Hub S/N: 990213 Date: May 30, 2008
 Removed and replaced oil filter with CH 48109-1
 Serviced engine with 8 qts. Aeroshell W100 Plus oil
 Checked magneto timing
 Cleaned and inspected fuel lines and injectors
 Cleaned and gapped spark plugs and installed 6 new plugs P/N RHB32E
 Compressions: 1.)72 2.)72 3.)73 4.)74 5.)70 6.)72/80

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

Michael H. Hutz A&P 570558740 IA 

ENGINE LOG

DATE	R.P.M.		H	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air				
BROUGHT FORWARD						
TOTALS						

N21786 Mooney M20R
 DATE: 11-02-09
 S/N: 29-0187

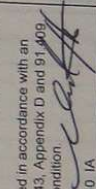
TACH: 290.1	TOTAL TIME: 290.1
ENG TT: 290.1	ENG TSMOH: 290.1
PROP TT: 290.1	PROP TSMOH: 290.1

Completed 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. Removed and replaced 6 RHB 32E spark plugs.
 Compressions: 1.)72 2.)74 3.)74 4.)70 5.)74 6.)75

Airworthiness Directives: Checked through Nov. 2009 None Due

This Engine has been inspected in accordance with an Annual inspection as per FAR 43, Appendix D and § 1.409 and found to be in Airworthy condition.

Michael H. Hutz A&P 570558740 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.			
<p>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 shot 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 performed. Details are on file under W/O#12961 Mark Sunstrom NW4R403M</p> <p><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>Supplemental Log Book Entry Engine Annual Inspection</p> <p>Reg: N21786 Model: 10-S50G-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 Castrol Supplied Acrosshell 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 and 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><i>David A. Johnson</i> David A. Johnson, 3638866, A&P IA</p>													
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.				

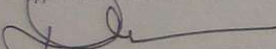
**Supplemental Log Book Entry
Engine Annual Inspection**

Reg: N21786
Date: 10/8/15

Model: IO-550G-6B
Tach: 484.0

S/N: 679414
Eng TT: 484.0

Performed **Annual Inspection** in accordance with FAR Part 43, appendix "D. Complied with all applicable AD's thru 2015-20. 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< 70/80, #5<70/80, #6<72/80. Removed, Cleaned and Reinstalled Engine Oil Filler Tube with sealant. Rerouted for better fit, moved clamp positions and Reconnected Cylinder Head Drain Line. Retorqued all Rocker Box Cover Gaskets. Retorqued Oil Sump Bolts. Fuel Pump Bolts and all Accessory Pad Bolts and Nuts. Changed Oil and Filter, refilled with 7 quarts of Owner Supplied Aeroshell W100 Plus Oil. Performed Oil Analysis and submitted to Aviation Laboratories for testing. Installed new Oil Filter P/N CH48109-1, 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.				

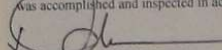
**Supplemental Log Book Entry
Engine Annual Inspection**

Reg: N21786
Date: 12/19/16

Model: IO-550G-6B
Tach: 498.7

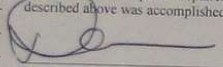
S/N: 679414
Eng TT: 498.7

Performed **Annual Inspection** in accordance with FAR Part 43, appendix "D. Complied with all applicable AD's thru 2016-25. AD16-16-12, ECT Cylinder Assemblies, N/A by TCM Factory Cylinders installed. Compressions as follows: #1<71/80, #2< 70/80, #3< 71/80, #4<76/80, #5<70/80, #6<70/80. Removed and Reinstalled Starter Adapter, P/N 642083A12R, S/N 48018 for repair by Certified Engines Unlimited, W/O#48018-000. Removed, Cleaned all Rocker Box Covers and Replaced all Rocker Box Cover Gaskets with new, P/N 655705. Removed and Reinstalled Engine Driven Fuel Pump, P/N 649364-4, S/N 300KA407 for Overhaul by Mikes Aircraft Fuel Metering Service, W/O#28491. Removed Intake Tubes, Removed and Cleaned Fuel Injector Nozzles. Removed Fuel Flow Divider, P/N 646433-3A1, S/N D209904C and Replaced with Overhauled Exchange Fuel Flow Divider, P/N 646433-3A1, S/N C031A319 (Consolidated Fuel Systems, Inc), W/O# 100EL-000. Reinstalled Intake Tubes with new Gaskets, P/N SA630824. Reinstalled Fuel Injectors with new Fuel Injector O-Rings, P/N 630979-9, Fuel Injector Nozzel Washers, P/N SA640612 and Fuel Injector Copper Washers, P/N TCM - X1473. Performed Engine Ground Runs and Adjusted Engine Idle and Mixture. Changed Oil and Filter, refilled with 7 quarts of Owner Supplied Aeroshell W100 Plus Oil. Installed new Oil Filter P/N AA48109-2, inspected old Oil Filter for foreign matter and none found at this time. Performed engine ground run and Set Up Fuel System Pressures IAW IO-550G Overhaul Manual and Engine operated normally with no fuel or oil leaks found at this time. I certify that this Engine is beyond Manufacturers Recommended Time Between Overhauls, and should be overhauled 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

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.			
Supplemental Log Book Entry Engine Annual Inspection													
Reg: N21786 Model: IO-550G-6B S/N: 679414 Date: 12/19/17 Tach: 527.0 Eng TT: 527.0													
Performed Annual Inspection in accordance with FAR Part 43, appendix "D. Complied with all applicable AD's thru 2017-25 AD16-16-12, ECI Cylinder Assemblies, N/A by TCM Factory Cylinders installed. Compressions as follows: #1<62/80, #2< 64/80, #3< 60/80, #4< 62/80, #5<60/80, #6<60/80. Removed and Replaced #1 Cylinder Upper and Lower Spark Plugs with new Fine Wire Iridium Spark Plugs, P/N RFB325. Removed Exhaust System. Repaired Left and Right Exhaust Slip Joints by expanding for better fit and Reinstalled Exhaust with new Exhaust Gaskets, P/N 652458. Changed Oil and Filter, refilled with 7 quarts of Aeroshell W100 Plus Oil. Performed Oil Analysis and submitted to Aviation Laboratories for testing. Installed new Oil Filter P/N AA48109-2, 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. 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 1A													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTM
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	
BROUGHT FORWARD											
TOTALS											

NR786
THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

ENGINE
MAINTENANCE
RECORDS



ENGINE MAINTENANCE RECORDS

Aircraft Registration No. N21786 Log No. 2
Engine Manufacturer CONTINENTAL
Model IO-550B-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)

AEROTECH PUBLICATIONS INC.

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Supplemental Log Entry - Airframe Annual Inspection

Reg: N21786

Model: M20R

S/N: 29-0194

Date: 6/10/24

Hobbs: 634.4

AFTT: 634.4

Performed **Annual Inspection** with reference to FAR Part 43, appendix "D. Aircraft FAA Re-Registration **Due 01/2028** Checked applicable **AD's thru 2024-11. AD84-26-02**, Induction Air Filter, P/C/W by replacement with new, P/N ED040288. Filter Replacement **Next Due 928.2** or on Condition. Inspected Induction Air Filter at this time with no defects noted. Removed and Replaced ELT Transmitter Batteries with new "D" Cell P/N MN1300. Performed Annual ELT Inspection IAW FAR Part 91.207(d). ELT battery expiration **March 2030**. Pitot/Static Transponder Test IAW FAR 91.411 and 91.413 **Next Due June 2026**. Removed Aircraft Battery #1, S/N 40994983 and Installed into the #2 (Right) Position. Installed new Owner provided #1 (Left) Aircraft Battery, P/N RG24-15, S/N 41388241. Disassembled, Cleaned, Inspected and Reassembled Fuel Gascolator using new O-Rings, P/N MS29513-137 and M83248-1-111 with no contamination found at this time. Performed leak check with no fuel leaks found at this time. Removed and Replaced Inline Instrument Vacuum Filter with new, P/N AA2J46, Gyro Suction Relief Valve Filter with new, P/N ARB3-5-1 and Central Instrument Filter with new, P/N AAD9-18-1. Oxygen System and Standby Vacuum System is Placarded as Inoperative at the request of owner. Resealed Pilot's Left Brake Master Cylinder using new O-Rings, P/N's MS28775-113, MS28775-012. Resealed Parking Brake Valve using new O-Rings, P/N's MS28775-101, MS28775-012. Bled Brakes and Brakes operated normally at this time. Removed and Replaced Elevator Static Wick with new, P/N 10-900-60/1. Removed and Replaced Cabin Heat Fresh Air Duct Clamp with new Adel Clamp, P/N AN742-45C. Removed Tail Strobe Power Pack, P/N 01-0770329-01 / A490A, S/N 00906 and Replaced with new Tail Strobe Light Power Pack, P/N A490ATSC / 01-0770062-03, S/N 16717920023. Tail Strobe operations checked OK at this time. Removed, Cleaned, Treated, Painted and Reinstalled Left and Right Fuel Caps with new O-Rings, P/N MS28775-338. Performed landing gear extension/retraction and emergency extension tests with reference to M20R M.M. and landing gear operated normally at this time. I certify that this Airframe 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-**

Jose J. Cotto, 3118790 A&P, IA

Supplemental Log Book Entry - Engine Annual Inspection

Reg: N21786

Model: IO-550G-6B

S/N: 679414

Date: 6/10/24

Hobbs: 634.4

Eng TT: 634.4

Performed **Annual Inspection** with reference to FAR Part 43, appendix "D. Checked applicable **AD's thru 2024-11. AD23-09-09**, Failure of Spot Welded, Multi Segment V Band Couplings, N/A by affected Spot Welded, Multi Segment V Band Couplings not installed. **AD23-17-04**, STC F&M or Stratus Oil Filter Adapter Fiber Gasket Oil Loss, N/A by affected STC Oil Filter Adapter not installed. Performed Compression Check with results as follows: #1<73/80, #2< 70/80, #3< 67/80, #4< 72/80, #5<72/80, #6<62/80. **500 Hour Magneto Inspection next due @ 968.0**. Changed Engine Oil and Filter, refilled with 6 quarts of Aeroshell W100 Plus Oil. Collected and Submitted Oil Sample for Analysis to Aviation Laboratories for testing. Installed new Oil Filter P/N AA48109-2 and safetied. Inspected old Oil Filter for foreign matter with none found at this time. Performed engine ground run and no oil leaks found at this time. Advised owner that Engine is beyond Manufacturers Recommended Time Between Overhaul by Calendar Date and should be overhauled at this time. I certify that this Engine has been inspected 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-**

Jose J. Cotto, 3118790 A&P, IA