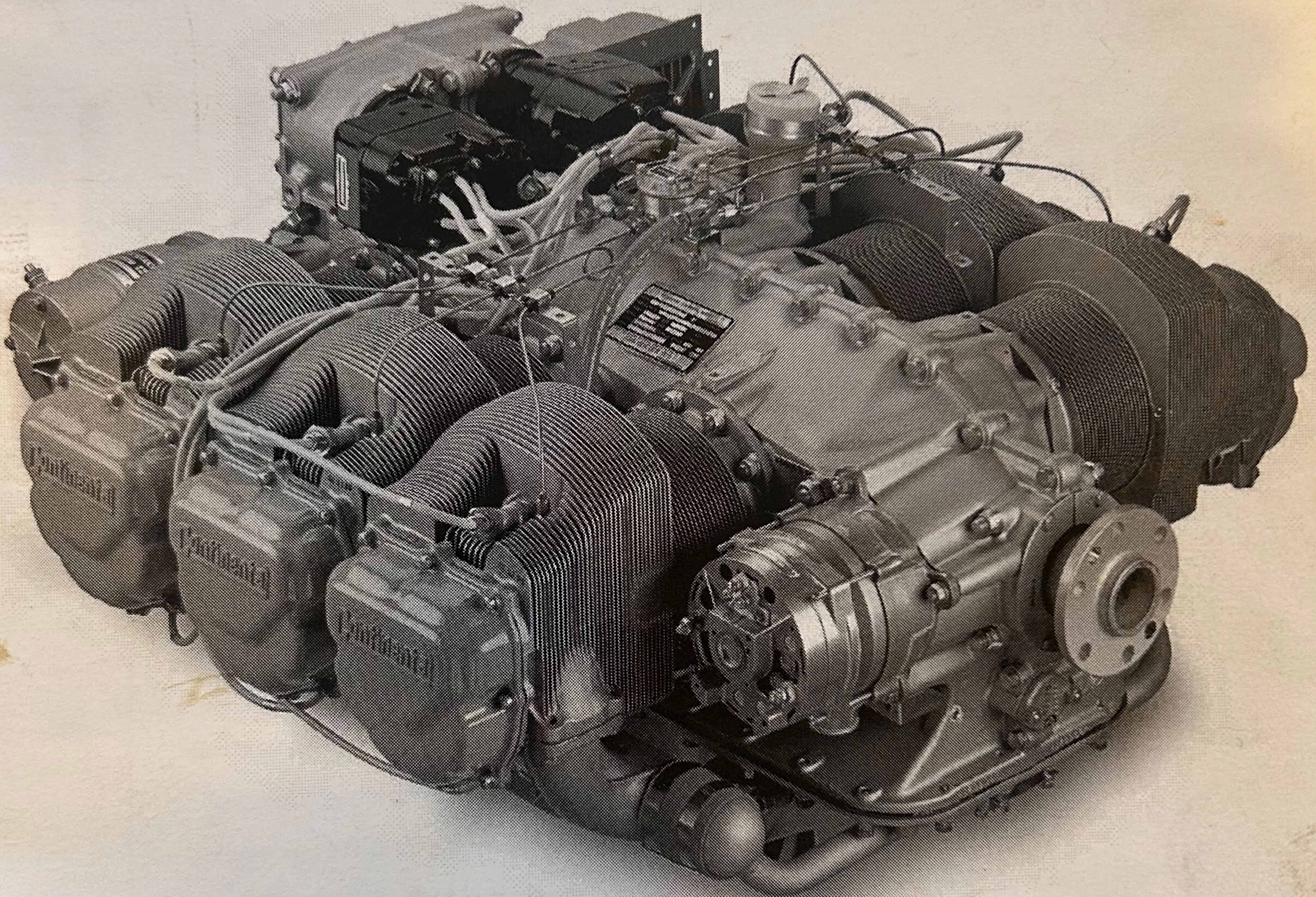


31-0016

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**

ENGINE MODEL TSI0-550-G(1)
ENGINE SERIAL NUMBER 915011
AIRCRAFT MODEL Mooney M20TM
AIRCRAFT SERIAL NUMBER 31-0016
AIRCRAFT REGISTRATION NUMBER N611MS

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

This engine model

was manufactured on

Motors in accord

Part 21 of the Federal Aviation

incorporates all changes required by applicable

This engine model TSI0550G1, Serial No. 915011 was manufactured on 11/16/2006

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, Inc.

A Teledyne Technologies Company

Printed: 12/21/2006



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

TURBOS

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
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ENGINE MODEL TSI0-550-G(1)
ENGINE SERIAL NUMBER 915011
AIRCRAFT MODEL Mooney M20TN
AIRCRAFT SERIAL NUMBER 31-0016
AIRCRAFT REGISTRATION NUMBER N611MS

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

This engine model _____ Serial Number _____
was manufactured on _____
Motors in accordance with the requirements of
Part 21 of the Federal Aviation Regulation. Printed: 12/21/2006
incorporates all changes required by applicable Airworthiness Directives and Teledyne
Continental Motors Service Bulletins.

This engine model TSI0550G1, Serial No. 915011 was manufactured on 11/16/2006
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



TURBOS

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.

ENGINE MODEL:
TSIO-550-G(1)
ENGINE S/N: 915011
REG. NO: N611MS
WORK ORDER:
1373-05-2007

Mooney Airplane Company, Inc.
Repair Station No. CRS# MPYR456X
165 Al Mooney Road North
Kerrville, TX 78028
Phone: 830-792-2924

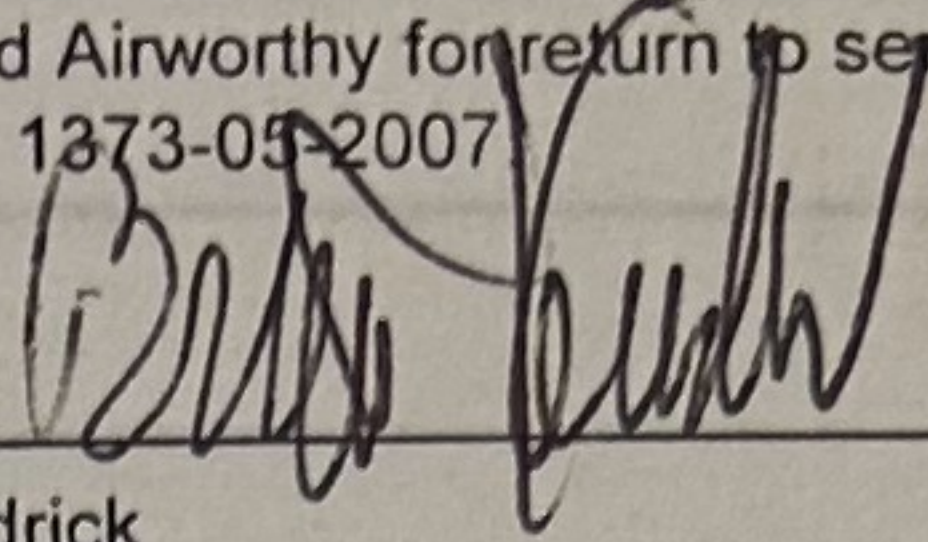
DATE: 6/14/2007
A/C TSN: 27.8
ENG TT: 27.8
HOBBS: 27.8

Engine Entries

(26) Drained oil and removed filter. Filter inspection passed. Installed 8 quarts Phillips 20W50 Type M and new CH48109-1 oil filter.

The aircraft or components identified above on N611MS was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Ebis 3 Work Order No. 1373-05-2007

DATE: 6/14/2007

SIGNED: 

Work Order: 1373-05-2007

Brian Kendrick
Certified Repair Station No. CRS# MPYR456X

Printed by EBis 3 (datcomedia.com)

July 29, 2007 51 7

Drained oil + removed filter. Filter inspection 332-42-8196
Added 8.5qt Phillips 20/50 Aeroshell 11 w + CH48109-1 filter

ENGINE MODEL:
TSIO-550-G(1)
ENGINE S/N: 915011
REG. NO: N611MS
WORK ORDER:
1494-08-2007

Mooney Airplane Company, Inc.
Repair Station No. CRS# MPYR456X
165 Al Mooney Road North
Kerrville, TX 78028
Phone: 830-792-2924

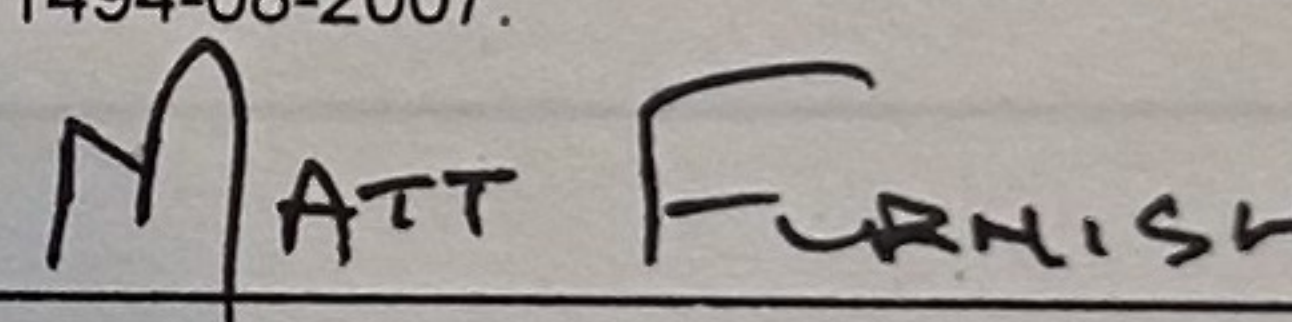
DATE: 9/15/2007
A/C TSN: 78.2
ENG TT: 27.8
HOBBS: 78.2

Engine Entries

(10) Drained engine oil, cut and inspected filter, no abnormal wear indicated. Added 8 qts 20W50 M phillips, and filter CH48109-1. Ran and washed engine, no leaks noted.

The aircraft or components identified above on N611MS was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Ebis 3 Work Order No. 1494-08-2007.

DATE: 9/15/2007

SIGNED: 

Work Order: 1494-08-2007

Matt Furnish
Certified Repair Station No. CRS# MPYR456X

Printed by EBis 3 (datcomedia.com)

1-6-08 103 1

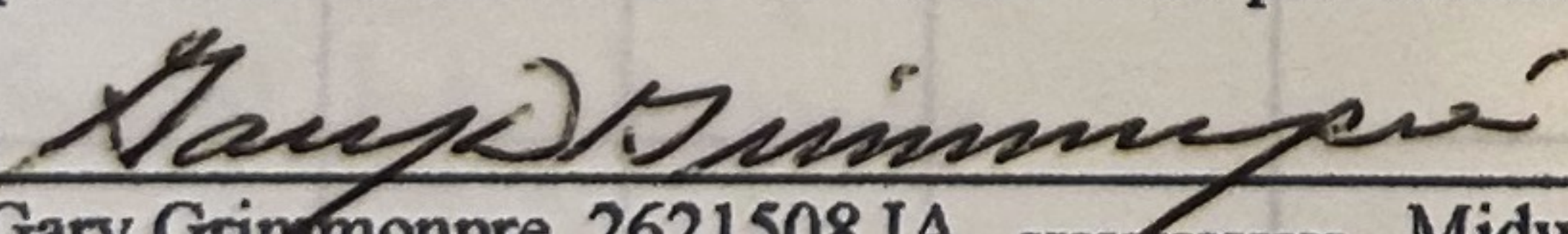
Drained oil changed filter CH48109-1 Added
8qts 20W50 Phillips MP Smith

N611MS
5-1-2008

Hobbs: 125.3

TTSN: 125.3

Completed ANNUAL INSPECTION: Cleaned and gapped spark plugs; checked magneto to engine timing; checked cylinder compression: #1 70/80; #2 6880; #3 7280; #4 7080; #5 7080; #6 7080. Checked AD's none applied performed run-up to check for performance and oil leaks; I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in an airworthy condition. The aircraft or component identified above was inspected and/or repaired in accordance with current regulations of the Federal aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under WO# 2812.

SIGNED: 

Gary Grimmonpre 2621508 IA ----- Midwest Flight Check

3-26-08 125.3

Drained + changed oil + filter, CH48109-1
Added 8 quarts 15/50 phillips mps 332-42-8196

8-29-08 154.9

Drained + changed oil + filter, CH48109-1
Added 8 quarts 15/50 phillips mps 332-42-8196

3-1-09 184.2

Drained + changed oil + filter
Added 8.5 quarts 15/50 Phillips Aeroshell
mps 332-42-8196

Date 09/02/2013 T.T 549.2 Hr. Meter/Tach Indication 549.2 TSMOH
 TSTOH Engine Inspection Performed in Accordance with FAR PART 43.
 Engine compartment X Engine Mount X Engine Controls X Cowling X
 Cleaned Fuel Injector Nozzles X Cleaned & Gapped Spark Plugs X
 Checked & Cleaned Air Filter X Cooling Baffles X Cylinder Base Studs X
 Crankcase Bolts & Nuts X Intake & Exhaust Systems X
 Oil Screens/Filter Element Checked X Oil Filter Changed CH48109-1
 Oil Changed-Service with Acrosnell 15W50
 Fuel Sumps Drained & Checked X Fuel Screens Checked X
 Magneto Points & Timing Checked X Carburetor Heat Checked
 Prop Governor Checked X Prop Condition Checked X
 Nicks Removed From Prop Edges X Differential Compression Checked as Follows:
 #1 75 #2 74 #3 70 #4 69 #5 68 #6 73 #7 #8 #9
 AD Compliance List at Rear of Log. AD Compliance Checked Through Issue 2013/17
 I Certify That This Engine Has Been Inspected In Accordance With A ANNUAL
 Inspection And Was Found to be in Airworthy Condition.

Signed Edward D Van Leeth A & P # 3502862 IA

This date 12-10-2013 reinstalled both mag's after 500 m
 Tach 54.0 Aircraft systems (see 9130-3 Form) Edward D Van Leeth

Date 10/02/2014 T.T 619.2 Hr. Meter/Tach Indication 619.2 TSMOH
 TSTOH Engine Inspection Performed in Accordance with FAR PART 43.
 Engine compartment X Engine Mount X Engine Controls X Cowling X
 Cleaned Fuel Injector Nozzles X Cleaned & Gapped Spark Plugs X
 Checked & Cleaned Air Filter X Cooling Baffles X Cylinder Base Studs X
 Crankcase Bolts & Nuts X Intake & Exhaust Systems X
 Oil Screens/Filter Element Checked X Oil Filter Changed CH48109-1
 Oil Changed-Service with Acrosnell 15W50
 Fuel Sumps Drained & Checked X Fuel Screens Checked X
 Magneto Points & Timing Checked X Carburetor Heat Checked
 Prop Governor Checked X Prop Condition Checked X
 Nicks Removed From Prop Edges X Differential Compression Checked as Follows:
 #1 75 #2 72 #3 71 #4 74 #5 69 #6 75 #7 #8 #9
 AD Compliance List at Rear of Log. AD Compliance Checked Through Issue 2014/19
 I Certify That This Engine Has Been Inspected In Accordance With A ANNUAL
 Inspection And Was Found to be in Airworthy Condition.

Signed Edward D Van Leeth A & P # 3502862 IA
Edward D Van Leeth

Date 12/01/2015 T.T. 680.8 Hr. Meter/Tach Indication 680.8 TSMOH

TSTOH Engine Inspection Performed in Accordance with FAR PART 43.

Engine compartment X Engine Mount X Engine Controls X Cowling X

Cleaned Fuel Injector Nozzles X Cleaned & Gapped Spark Plugs X

Checked & Cleaned Air Filter X Cooling Baffles X Cylinder Base Studs X

Crankcase Bolts & Nuts X Intake & Exhaust Systems X

Oil Screens/Filter Element Checked X Oil Filter Changed
Oil Changed-Service with Aeroshell 15W50

Fuel Sumps Drained & Checked X Fuel Screens Checked X

Magneto Points & Timing Checked X Carburetor Heat Checked

Prop Governor Checked X Prop Condition Checked X

Nicks Removed From Prop Edges X Differential Compression Checked as Follows:

#1 76 #2 65 #3 74 #4 68 #5 70 #6 66 #7 #8 #9

AD Compliance List at Rear of Log. AD Compliance Checked Through Issue 2015/21

I Certify That This Engine Has Been Inspected In Accordance With A ANNUAL

Inspection And Was Found to be in Airworthy Condition.

Signed Edward Van Rook A & P # 3502862 IA

Maintenance Rec

Business Directives, Special Inspe

Both R+L tur

were removed

O/H (see 8130-3 f

and Reinstall

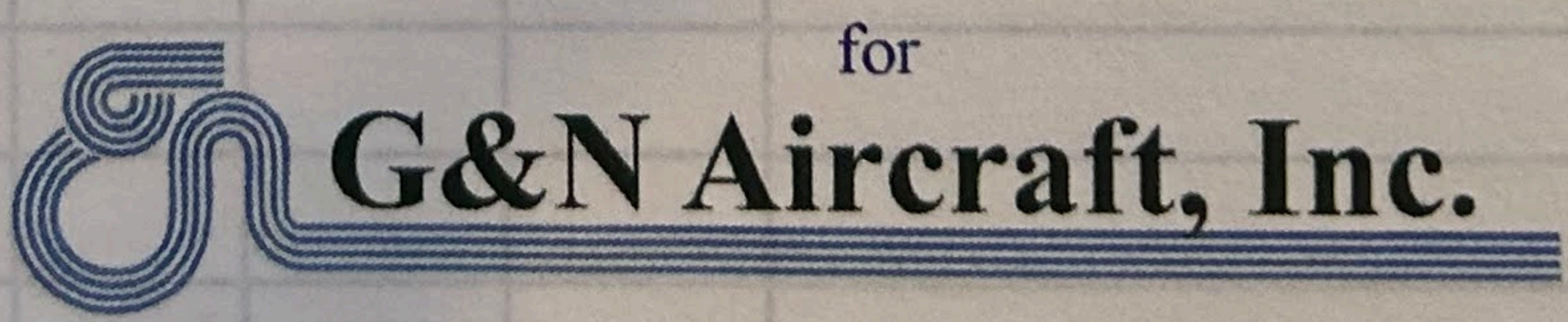
Run up and

check satisf

The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: 72245

Engine Model TS10-550-G Serial Number: 915011

Date: 03/10/2017 Signed: [Signature]



F.A.A. CRS MW2R020L
1701 E. Main Street
Griffith, IN 46319
(219)924-7110

03/10/17 11:22:29 DISASSEMBLED, CLEANED, INSPECTED, REPAIRED PAGE 2
AS NEEDED, REASSEMBLED, & DYNO TESTED
USING THE FOLLOWING PARTS:

Item Num.	Item Description	Quantity
653746	Gasket	1
654490	Nut	12
654587-.44	Cam bolt	4
655269	Bushing	4
655958	Bolt	12
656990	Screw.312	6
656991	Gear	1
657452	Sleeve-Starter Shaft	1
658595A3BP	Cylinder & Valve assy	1

* * * E N D O F R E P O R T * * *

Maintenance Record

Directives, Special Inspections

The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: 72245

Engine Model TS10-550-G Serial Number: 915011

Date: 03/10/2017 Signed: 



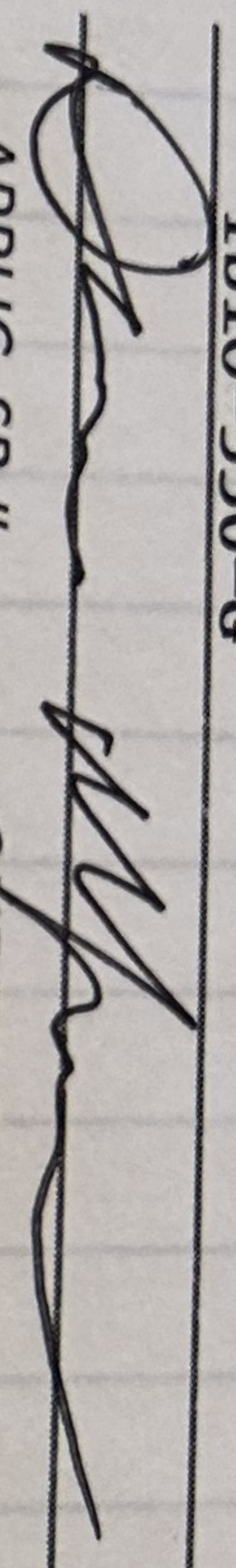
F.A.A. CRS MW2R020L
1701 E. Main Street
Griffith, IN 46319
(219)924-7110

03/10/17 11:22:29 DISASSEMBLED, CLEANED, INSPECTED, REPAIRED PAGE 1
AS NEEDED, REASSEMBLED, & DYNO TESTED
USING THE FOLLOWING PARTS:

Item Num.	Item Description	Quantity
AA48109	Oil Filter	1
AS3578-016	O Ring	2
EQ7003	CAMSHAFT KIT OPTION 2	1
LW-16266-10-13	Clamp	6
MS29513-011	O Ring **	4
MS9970-116	O Ring	1
MS9970-117	O Ring	1
NAS1805-4	Nut-Selflocking	2
RG-632459	TCM V/C Gasket	12
RHB32E	Spark Plug **	12
S539800M15	Spring	1
X1473	Washer **	6
10-357520	Gasket	2
350998	Bushing **	8
501868	Washer Lock Tab	24
530658	Bushing	6
628556	Washer	2
629104	Ring	16
630680	Bearing	1
630979-11	O Ring	1
630979-14	O Ring	1
630979-24	O'Ring	1
630979-9	O Ring	1
632977-R	Shaft Housing - Reconditioned	6
633189	Plug	1
633958-2	Seal **	1
633958-3	Seal **	3
633958-5	Seal **	6
637817	Bearing - Ball	2
639193	Bushing	1
640612	Washer Flat	16
641250	Seal	6
641909	Tablock	1
642398	Bearing **	2
642644	Diaphragm	12
643584	Tube	1
643626-103	Pin	1
643626-104	Pin	2
643626-105	Pin	2
643629	Plate	4
646448-1	Washer	16
646550A1	Gasket Set	8
646592A2	Bearing Set	1
646605	Nut	1
649205	Bolts	6
649703	Piston Pin	4
649924	Nut	6
653171	Seal	1
		1

AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
97-26-17		CSB96-8		
2007-16-10		SB26 SB27	X	
2010-11-14		MSB09-8A		
END				

Authorized Signature:



At date of engine repair ~~XXXXXX~~ 03/10/2017
Engine Model: ~~XXXXXX~~ TS10-550-G

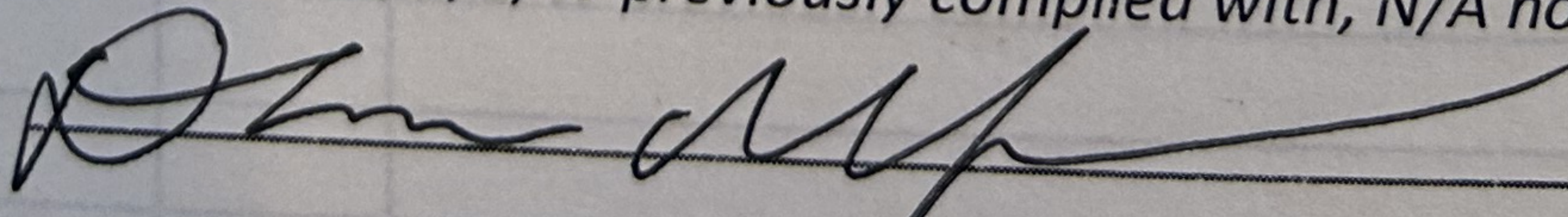
COMPLIANCE RECORD

S/N 915011

W/O 72245

C/W complied with, P/C/W previously complied with, N/A not applicable

CRS MW2R020L



next overhaul sudden stoppage insp.
prop strike crank gear removal

C/W UT inspection

To be complied with by customer

N/A by P/N

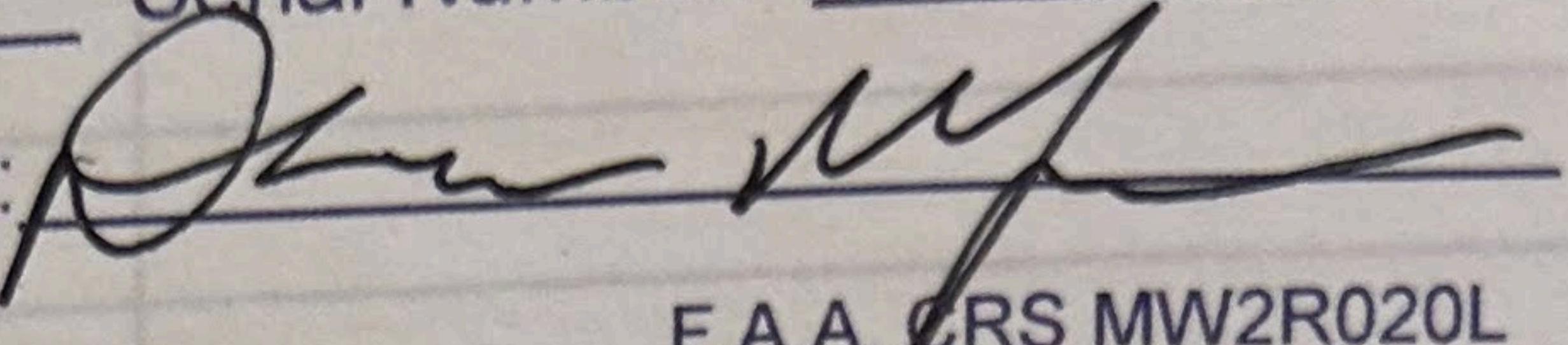
END

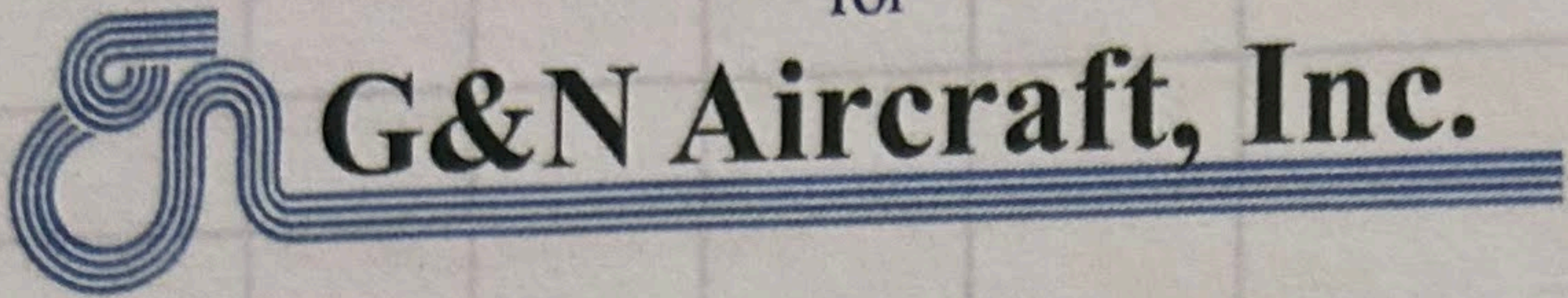
Maintenance Record

Directives, Special Inspections

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Engine Model TS10-550-G Serial Number: 915011

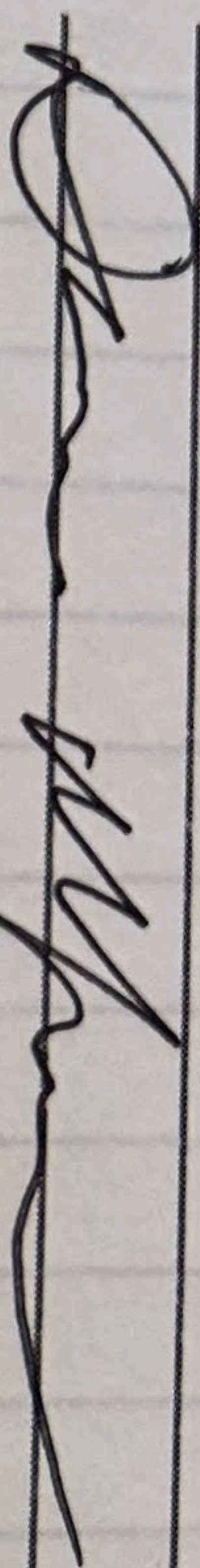
Date: 03/10/2017 Signed: 



F.A.A. CRS MW2R020L
1701 E. Main Street
Griffith, IN 46319
(219)924-7110

AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
97-26-17		CSB96-8		
2007-16-10		SB26 SB27	X	
2010-11-14		MSB09-8A		
END				

Authorized Signature:



Engine Model: TS10-550-G

At date of engine repair: 03/10/2017

03/10/17 11:22:29 DISASSEMBLED, CLEANED, INSPECTED, REPAIRED PAGE 1
AS NEEDED, REASSEMBLED, & DYNO TESTED
USING THE FOLLOWING PARTS:

Item Num.	Item Description	Quantity
AA48109	Oil Filter	1
AS3578-016	O Ring	2
EQ7003	CAMSHAFT KIT OPTION 2	1
LW-16266-10-13	Clamp	6
MS29513-011	O Ring **	4
MS9970-116	O Ring	1
MS9970-117	O Ring	1
NAS1805-4	Nut-Selflocking	2
RG-632459	TCM V/C Gasket	12
RHB32E	Spark Plug **	12
S539800M15	Spring	1
X1473	Washer **	6
10-357520	Gasket	2
350998	Bushing **	8
501868	Washer Lock Tab	24
530658	Bushing	6
628556	Washer	2
629104	Ring	16
630680	Bearing	1
630979-11	O Ring	1
630979-14	O Ring	1
630979-24	O'Ring	1
630979-9	O Ring	1
632977-R	Shaft Housing - Reconditioned	6
633189	Plug	1
633958-2	Seal **	1
633958-3	Seal **	3
633958-5	Seal **	6
637817	Bearing - Ball	2
639193	Bushing	1
640612	Washer Flat	16
641250	Seal	6
641909	Tablock	1
642398	Bearing **	2
642644	Diaphragm	12
643584	Tube	1
643626-103	Pin	1
643626-104	Pin	2
643626-105	Pin	2
643629	Plate	4
646448-1	Washer	16
646550A1	Gasket Set	8
646592A2	Bearing Set	1
646605	Nut	1
649205	Bolts	6
649703	Piston Pin	4
649924	Nut	6
653171	Seal	1

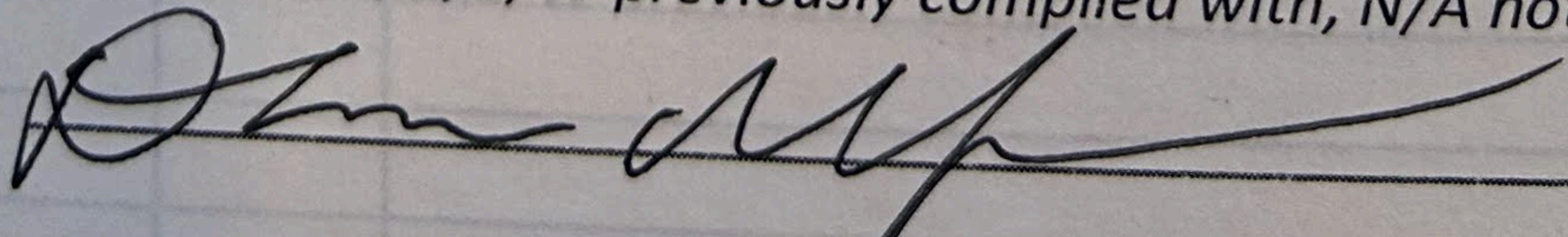
COMPLIANCE RECORD

S/N 915011

W/O 72245

C/W complied with, P/C/W previously complied with, N/A not applicable

CRS MW2R020L



next overhaul sudden stoppage insp.
prop strike crank gear removal

C/W UT inspection

To be complied with by customer

N/A by P/N

END

Date 3-29-2017 T.T. 743.0 Tach Indication 743.0 TSMOH —
 TSTOH 0 Engine Inspection Performed in Accordance with FAR Part 43.
 Engine compartment Engine Mount Engine Controls Cowling
 Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs New
 Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs
 Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos
 Oil Screens/Filter Element Checked Oil Filter Changed CH48109
 Oil Changed-Service with Philips type M
 Fuel Sumps Drained & Checked Fuel Screens Checked
 Magneto Points & Timing Checked Carburetor Heat Checked —
 Prop Governor Checked Prop Condition Checked
 Nicks Removed From Prop Edges Differential Compression Checked as Follows:
 #1 — #2 — #3 — #4 — #5 — #6 — #7 — #8 — #9 —
 Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 2017/05
 I Certify That This Engine Has Been Inspected In Accordance With A Annual
 Inspection And Was Found to be in Airworthy Condition.

Signed: Edward D VanReeth IA# 3502862
 Edward D. VanReeth

<u>7-4-17</u>	<u>769.6</u>	<u>oil + Filter Aeroshell 100w</u>
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id Maintenance Record
 Airworthiness Directives, Special Inspections,
 Inspections

Reinstalled engine
onto Mooney N6111
Ground Run up &
leak check Satisfactory

Date 4-24-2018 T.T. 823.1 Tach Indication 823.1 TSMOH 0
 TSTOH 79.4 Engine Inspection Performed in Accordance with FAR Part 43.
 Engine compartment Engine Mount Engine Controls Cowling
 Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs
 Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs
 Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos
 Oil Screens/Filter Element Checked Oil Filter Changed CH48109
 Oil Changed-Service with Filter CH48109 Shell 100w
 Fuel Sumps Drained & Checked Fuel Screens Checked
 Magneto Points & Timing Checked Carburetor Heat Checked
 Prop Governor Checked Prop Condition Checked
 Nicks Removed From Prop Edges Differential Compression Checked as Follows:
 #1 77 #2 75 #3 79 #4 76 #5 77 #6 73 #7 — #8 — #9 —
 Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 2018/07
 I Certify That This Engine Has Been Inspected In Accordance With A Annual
 Inspection And Was Found to be in Airworthy Condition.

Signed: Edward D VanReeth IA# 3502862
 Edward D. VanReeth

Run up and leak
check Satisfactory

Date 04-01-2019 T.T. 862.8 Tach Indication 862.8 TSMOH —
 TSTOH 119.1 Engine Inspection Performed in Accordance with FAR Part 43.
 Engine compartment Engine Mount Engine Controls Cowling
 Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs
 Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs
 Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos
 Oil Screens/Filter Element Checked Oil Filter Changed CH48109
 Oil Changed-Service with Aeroshell 100w
 Fuel Sumps Drained & Checked Fuel Screens Checked
 Magneto Points & Timing Checked Carburetor Heat Checked —
 Prop Governor Checked Prop Condition Checked
 Nicks Removed From Prop Edges Differential Compression Checked as Follows:
 #1 75 #2 76 #3 80 #4 74 #5 77 #6 70 #7 — #8 — #9 —
 Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 2019/05
 I Certify That This Engine Has Been Inspected In Accordance With A Annual
 Inspection And Was Found to be in Airworthy Condition.

Signed: Edward D VanReeth IA# 3502862
 Edward D. VanReeth

Reset both mag
to 24 BTC, Run
and leak check
satisfactory

Date 3-29-2017 T.T. 743.0 Tach Indication 743.0 TSMOH —
 TSTOH 0 Engine Inspection Performed in Accordance with FAR Part 43.
 Engine compartment Engine Mount Engine Controls Cowling
 Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs New
 Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs
 Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos
 Oil Screens/Filter Element Checked Oil Filter Changed CH48109
 Oil Changed-Service with Philips type M
 Fuel Sumps Drained & Checked Fuel Screens Checked
 Magneto Points & Timing Checked Carburetor Heat Checked —
 Prop Governor Checked Prop Condition Checked
 Nicks Removed From Prop Edges Differential Compression Checked as Follows:
 #1 — #2 — #3 — #4 — #5 — #6 — #7 — #8 — #9 —
 Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 2017/05
 I Certify That This Engine Has Been Inspected In Accordance With A Annual
 Inspection And Was Found to be in Airworthy Condition.

Signed: Edward D VanReeth IA# 3502862
 Edward D. VanReeth

<u>7-4-17</u>	<u>769.6</u>	<u>oil + Filter Aeroshell 100w</u>
---------------	--------------	------------------------------------

id Maintenance Record
 Airworthiness Directives, Special Inspections,
 Inspections

Reinstalled engine
onto Mooney N6111
Ground Run up a
leak check Satisfac

Date 4-24-2018 T.T. 823.1 Tach Indication 823.1 TSMOH 0
 TSTOH 79.4 Engine Inspection Performed in Accordance with FAR Part 43.
 Engine compartment Engine Mount Engine Controls Cowling
 Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs
 Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs
 Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos
 Oil Screens/Filter Element Checked Oil Filter Changed CH48109
 Oil Changed-Service with Filter CH48109 Shell 100w
 Fuel Sumps Drained & Checked Fuel Screens Checked
 Magneto Points & Timing Checked Carburetor Heat Checked
 Prop Governor Checked Prop Condition Checked
 Nicks Removed From Prop Edges Differential Compression Checked as Follows:
 #1 77 #2 75 #3 79 #4 76 #5 77 #6 73 #7 — #8 — #9 —
 Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 2018/07
 I Certify That This Engine Has Been Inspected In Accordance With A Annual
 Inspection And Was Found to be in Airworthy Condition.

Signed: Edward D VanReeth IA# 3502862
 Edward D. VanReeth

run up and leak
check Satisfact

Date 04-01-2019 T.T. 862.8 Tach Indication 862.8 TSMOH —
 TSTOH 119.1 Engine Inspection Performed in Accordance with FAR Part 43.
 Engine compartment Engine Mount Engine Controls Cowling
 Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs
 Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs
 Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos
 Oil Screens/Filter Element Checked Oil Filter Changed CH48109
 Oil Changed-Service with Aeroshell 100w
 Fuel Sumps Drained & Checked Fuel Screens Checked
 Magneto Points & Timing Checked Carburetor Heat Checked —
 Prop Governor Checked Prop Condition Checked
 Nicks Removed From Prop Edges Differential Compression Checked as Follows:
 #1 75 #2 76 #3 80 #4 74 #5 77 #6 70 #7 — #8 — #9 —
 Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 2019/05
 I Certify That This Engine Has Been Inspected In Accordance With A Annual
 Inspection And Was Found to be in Airworthy Condition.

Signed: Edward D VanReeth IA# 3502862
 Edward D. VanReeth

Reset both mag
to 24 BTC, Run
and leak check
satisfactory

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 Forward	→				
2-2-2020	890	00			oil + Filter Aeroshell 100 8qts ^{MAS} 32242196

Date 04-01-2020 T.T. 894.0 Tach Indication 894.0 TSMOH —
TSTOH 150.3 Engine Inspection Performed in Accordance with FAR Part 43.
Engine compartment Engine Mount Engine Controls Cowling
Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs
Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs
Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos
Oil Screens/Filter Element Checked Oil Filter Changed oil changed
Oil Changed-Service with at 890 TT (see log entry)
Fuel Sumps Drained & Checked Fuel Screens Checked
Magneto Points & Timing Checked Carburetor Heat Checked
Prop Governor Checked Prop Condition Checked
Nicks Removed From Prop Edges Differential Compression Checked as Follows:
#1 77 #2 78 #3 79 #4 77 #5 78 #6 77 #7 — #8 — #9 —
Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 2020/05
I Certify That This Engine Has Been Inspected In Accordance With A Annual
Inspection And Was Found to be in Airworthy Condition.
Signed: Edward D VanReeth IA# 3502862
Edward D. VanReeth

Runup and
leak check
satisfactory

Date 06-01-2021 T.T. 939.3 Tach Indication 939.3 TSMOH —
TSTOH 195.4 Engine Inspection Performed in Accordance with FAR Part 43.
Engine compartment Engine Mount Engine Controls Cowling
Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs
Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs
Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos
Oil Screens/Filter Element Checked Oil Filter Changed CH48109
Oil Changed-Service with AeroShell 100W
Fuel Sumps Drained & Checked Fuel Screens Checked
Magneto Points & Timing Checked Carburetor Heat Checked —
Prop Governor Checked Prop Condition Checked
Nicks Removed From Prop Edges Differential Compression Checked as Follows:
#1 72 #2 76 #3 76 #4 79 #5 76 #6 76 #7 — #8 — #9 —
Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 2021/11
I Certify That This Engine Has Been Inspected In Accordance With A Annual
Inspection And Was Found to be in Airworthy Condition.
Signed: Edward D VanReeth IA# 3502862
Edward D. VanReeth

Reset left mag
to 24 BTC.
Runup and
leak check
satisfactory

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 Forward →					

ENGINE TCM TSIO-550-G1 N611MS SN: 915011
 DATE: 9-1-2022 A.C.T.T.: 963.2 TSN: 963.2

Performed an annual inspection in accordance with CFR Title 14-part 43 appendix d and Mooney checklist. Cleaned, gapped and rotated spark plugs. Checked magneto timing. Performed a compression check as follows: #1 78/80 #2 70/80 #3 77/80 #4 74/80 #5 68/80 #6 78/80. Valve condition determined by bore scope (no defects). No oil change at this time. All Airworthiness Directives checked through revision 2022-17. I certify this engine has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition at this time. Ralph Croft A&P3695170IA. *[Signature]*

Date: 07/15/2023 Hours: 973.1
 Tail#: N611MS
 Make: Mooney Model: M20TN S/N: 31-0016
 ENGINE A.C.T.T.: 973.1 TSN: 973.1

Removed and replaced magnetos after overhaul by Aircraft magneto service. Timed magnetos to engine. Operational check well. Part # Off and on : 10-500556-101, Bendix S6R\$C-25P. Serial # D10DA071 and D10EA070.

Ralph Croft A&P3695170IA.

Name: Ralph Croft Cert: 3695170
 Co: Sign: *[Signature]*

Date: 11/01/2023 Hours: 980.0
 Tail#: N611MS
 Make: Mooney Model: M20TN S/N: 31-0016
 ENGINE TCM TSIO-550-G1 S/N: 915011 TT: 980.0

Performed an annual inspection in accordance with CFR Title 14-part 43 appendix d and Mooney checklist. Cleaned spark plugs. Performed a compression check as follows: #1 77/80 #2 71/80 #3 78/80 #4 76/80 #5 72/80 #6 77/80. Valve condition determined by bore scope inspection (no defects). All airworthiness directives checked through 2023-22. I certify this engine has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition at this time. Ralph Croft A&P 3695170IA.

Name: Ralph Croft Cert: 3695170
 Co: Sign: *[Signature]*