

#2

N43FM



The Standard

ENGINE LOG

ASA-SE-1



The Standard

ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer _____

Model _____

IO-550-G

Serial 679303

Type Certificate _____

This engine is currently installed in aircraft _____

N43FM

Minimum Octane Fuel _____

Oil Grade: Summer _____

Winter _____

Magneto Time _____

Point Setting _____

Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____

hours

Registered Owner Record

Name BURT WILSKER Address 201143741 To _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

YEAR:	RECORDING DATE	TODAY'S DATE	TOTAL SERVICE	Description of Inspections, Tests, Repairs and Alterations
				<small> Entries must be entered with name, Rating and Certificate Number of Technician or Repair specific entries. </small>

Tom's Aircraft

Phone 1-562-426-5331

Maintenance Inc

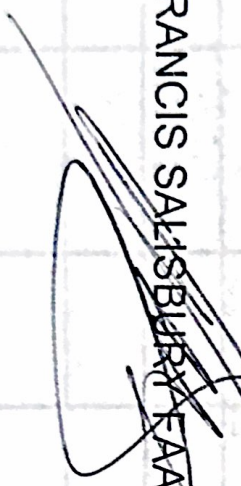
FAX 1-562-426 1052

2641 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806

N43FM DATE 11/25/2009 HOBBS 939.7 SO# 09s-17113

CHANGED THE OIL AND THE FILTER. ADDED 9 QTS
 AERO SHELL 100W OIL. ~~INSTALLED A NEW #2 EGT~~
 PROBE. WASHED AND RAN THE ENGINE. NO LEAKS.
 THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.

FRANCIS SALISBURY ~~FAA~~ REPAIR STATION VTMR569K



YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

ENGINE MODEL
ENGINE S/N
REG. NO 43FM
WORK ORDER
4383-03-2010



Top Gun Aviation, Inc.

6100 S. Lindbergh St
Stockton, CA 95206
Phone 209-983-8082

DATE 4/23/2010
A/C TSN 985 5
ENG TT 60 2
TACH 985 5



Engine Entries

(4) Changed oil and filter. Serviced with 7 quarts of Aeroshell 100W plus. Cut open and inspected old filter element. Checked OK.
Installed and safetied a new oil filter. Performed ground run up and leak check. Tested OK.

I certify that this ENGINE is airworthy with respect to the work performed

DATE: 4/23/2010

SIGNED

Work Order: 4383-03-2010

Mark T. Rouch, IA, 5665314211A

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Air 88 Inc. dba CROWN AIR
FAA Approved Repair Station #CWNRR273K

3753 John J. Montgomery Dr.

San Diego, CA 92123

Continental Engine

N43FM

10-01-10

IO-550G

Mooney M20R

TSN: 1028.5 Hrs

S/N: 679303

S/N: 29-0139

TSO: 261.4 Hrs

Maintenance Performed:

- Complied with **Annual Inspection** I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression checks as follows: #1. 78/80 #2. 70/80 #3. 76/80 #4. 68/80 #5. 70/80 #6. 74/80.
- Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 plus oil and installed new CH48109-1 oil filter. Cut open old oil filter. Inspected and no metal contamination found at this time.
- Replaced #2 cylinder EGT probe. Ops checked good at this time.
- Replaced alternator air magnetic latch with new P/N 600296-501. Adjusted as required per Mooney M/M, Chap. 71.
- Removed and inspected L/H & R/H magnetos I/A/W TCM MM Ch. 6. Replaced points, P/N 10-382584 and gaskets, P/N 10-400613. Reinstalled both magnetos and set timing to 22° BTDC.

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

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. LT-10-04924.


Authorized Representative

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

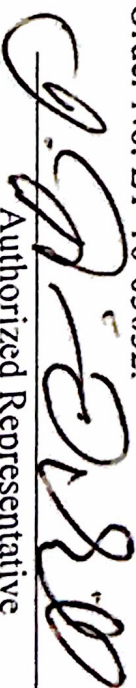
Air 88 Inc. dba CROWNAIR
 FAA Approved Repair Station #CWNRR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

N43FM
 12-03-10
 Mooney M20R
 Hobbs: 1054.6
 S/N: 29-0139

Maintenance performed.

Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 oil and installed new CH48109-1 oil filter. Washed engine. All work was done I/A/W Mooney M20R M/M.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. LT-10-05052.


 Authorized Representative

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/5/2011	1078.1			Changed oil & filter. Serviced with 7.5 qts. Aeroshell W100 oil and installed new CH48109-1 oil filter. Ran engine; no leaks observed. Opened oil filter; element free from metallic debris. Aircraft returned to service on this date.
				But Wilk, owner 2724804 (CP)
5/21/2011	1104.6			Changed oil & filter. Serviced with 7.5 qts. Aeroshell W100 + oil; installed new CH48109-1 oil filter. Ran engine, no leaks observed. Opened filter; no metal observed. Aircraft returned to service on this date.
				But Wilk, owner 2724804 (CP)

[illegible]

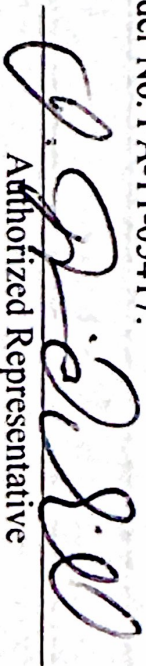
YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
NAME				

Air 88 Inc. dba CROWN AIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

N43FM
 7-29-11
 Mooney M20R
 Hobbs: 1118.9 Hrs
 S/N: 29-0139

- Maintenance performed:
- Fabricated and installed new fuel vent/drain hose, P/N 193-4, on R/H side of engine.
 - Removed oil cooler winterization, sealed holes as required and reinstalled.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-11-05417.


 Authorized Representative

[illegible]

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNRR273K

3753 John J. Montgomery Dr.

San Diego, CA 92123

Continental Engine

IO-550G

S/N: 679303

N43FM

Mooney M20R

S/N: 29-0139

11-08-11

Hobbs: 1153.9 Hrs

ACTT: 1153.9 Hrs

TSN: 1153.9 Hrs

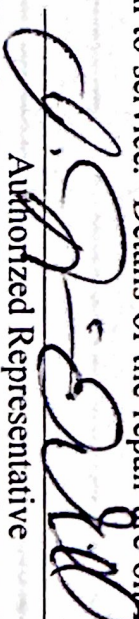
TSO: 386.8 Hrs

Maintenance Performed:

- Complied with **Annual Inspection** I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression checks as follows: #1. 76/80 #2. 72/80 #3. 72/80 #4. 62/80 #5. 72/80 #6. 72/80.
- Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 plus oil and installed new CH48109-1 oil filter. Washed engine.
- Cut open old oil filter and inspected with no metal contamination found at this time.
- Verified **AD 2009-16-03** (Superior Air Parts Cylinder Assys) for applicability and found N/A by engine model.
- Verified **AD 2010-11-04** for applicability and found N/A. No hydraulic lifters replaced after June 19, 2009.

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

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-11-05538.


Authorized Representative

YEAR: 2012	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/26	1178.1			Changed oil & filter. Serviced w/ 7.5 gal. Aeroshell 100wt.
				Installed new CH48109-1 filter. Ran engine; no leaks observed.
				Opened filter and examined element. No metal. Aircraft returned
				to service on this date. But will, owner. 2724804 (CP)
4/28	1203.6			Changed oil & filter. Serviced w/ 8 gal. Aeroshell 100+
				Installed new CH48109-1 filter. Ran engine; no leaks observed.
				Opened filter & examined element; no metal. Aircraft returned
				to service on this date. But will, owner. 2724804 (CP)

YEAR: 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/14	1228.7			Changed oil/filter. Serviced w/ 7 gts. Aeroshell 100+. Installed new
				CH48109-1 filter. Ran engine; no leaks observed. Examined filter element.
				No metal. A/c returned to service on this date. But will (owner) 2724804 (CP)
9/29	1256.2			Changed oil/filter. Serviced with 7 1/2 gts. Aeroshell 100+.
				Installed new CH48109-1 filter. Ran engine; no leaks observed.
				Examined filter element; no metal. A/c returned to service on this
				date. But will (owner) 2724804 (CP)

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine

N43FM

12-10-12

IO-550G

Mooney M20R

Hobbs: 1272.8 Hrs

TSN: 1272.8 Hrs

S/N: 679303

S/N: 29-0139

ACTT: 1272.8 Hrs

TSO: 505.7 Hrs

Maintenance Performed:

- Complied with Annual Inspection I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression checks as follows: #1. 74/80 #2. 70/80 #3. 72/80 #4. 64/80 #5. 70/80 #6. 70/80.
- Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 plus oil and installed new CH48109-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found at this time.
- AD 2012-03-06 is N/A, affected fuel servo diaphragm not installed.
- Replaced bottom spark plugs with new P/N RHB32E.
- Adjusted R/H mag timing to 22 degrees BTDC I/A/W TCM MM.

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

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-12-05961.


Authorized Representative

[illegible]

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNRR273K

3753 John J. Montgomery Dr.

San Diego, CA 92123

TCM Engine
N43FM
1-13-14

IO-550G
Mooney M20R
Hobbs: 1350.2 Hrs
TSN: 1350.2 Hrs

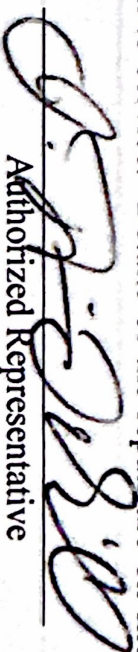
S/N: 679303
S/N: 29-0139
ACCT: 1350.2 Hrs
TSO: 583.1 Hrs

Maintenance Performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression checks as follows: #1. 76/80 #2. 66/80 #3. 72/80 #4. 70/80 #5. 66/80 #6. 72/80.
- Replaced #5 fuel injector line clamp with new P/N MS21919WDG5.
- Replaced engine induction air filter with new P/N EDO4028.

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

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-14-06399.


Authorized Representative

November 12, 2014 N43FM Hobbs 1384.0 TT 1384.0

1. Replaced #2 EGT probe, ops checked good.
2. Installed EZ Heat element on oil pan.



RCM AIR
PAINE FIELD - EVERETT, WA
10300 28th Ave W
Paine Field, Everett, WA 98204

Kevin Vogel
Kevin Vogel AP2876667

Repair

TT 1389.6

YEAR

DATE _____

1. Changed oil and filter. Internally inspected old filter, no metal contaminants found. Installed 9 qts. Aeroshell 100 Plus.
2. Compression test results: #1-64/80, #2-62/80, #3-68/80, #4-64/80, #5-58/80, #6-70/80.
3. Cleaned, gapped, tested, and rotated spark plugs. Replaced one plug with new.
4. Removed, cleaned, and reinstalled fuel injectors with new o-rings and shroud seals.
5. Replaced one washers and secured throttle control rod end.
6. Replaced missing nut on throttle switch mounting plate.

I certify that this engine has been inspected in accordance with an annual inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.



REGAL AIR
PAINE FIELD - EVERETT, WA

10300 28th Ave W

Paine Field, Everett, WA 98204

Brian S. Barth AP26514521A

[illegible]

July 17, 2015 N43FM Hobbs 1412.5 TT 1412.5

YEAR:

Repair

1. Replaced vac pump with serviceable part M/N IUI28B, S/N T33881H.

DATE



REGAL AIR
PAINE FIELD - EVERETT, WA
10300 28th Ave W
Paine Field, Everett, WA 98204

Brian S. Barth AP2651452

November 25, 2015 N43FM Hobbs 1415.3 TT 1415.3

1. Completed routine oil and filter change. Internally inspected old filter, no metal contaminants found. Installed 8 qts. Aeroshell 100 Plus.



REGAL AIR
PAINE FIELD - EVERETT, WA
10300 28th Ave W
Paine Field, Everett, WA 98204

Brian S. Barth AP2651452

March 4, 2016 N43FM Hobbs 1420.5 TT 1420.5

YE

1. Compression test results: #1-67/80, #2-63/80, #3-68/80, #4-60/80, #5-58/80, #6-66/80.
2. Cleaned, gapped, tested, and rotated spark plugs.
3. Replaced grommet in left aft baffling for manifold drain hose.
4. Replaced adel clamps on ignition leads at #1 intake tube.

DA

I certify that this engine has been inspected in accordance with an annual inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.



10300 28th Ave W
Paine Field, Everett, WA 98204

Brian S. Barth AP26514521A

September 30 2016 N43FM Hobbs 1444.5 TT 1444.5

1. Completed routine oil and filter change. Internally inspected old filter, no metal contaminants found. Installed 8 qts. Aeroshell 100 Plus. Oil analysis taken and submitted.



REGAL AIR
PAINE FIELD - EVERETT, WA
10300 28th Ave W

Brian S. Barth AP2651452

Paine Field, Everett, WA 98204

March 17, 2017 N43FM Hobbs 1452.5 TT 1452.5

YEAR

DATE

1. Changed oil and filter. Internally inspected old filter, no metal contaminants found. Installed 8 qts. Aeroshell 100 Plus.
2. Compression test results: #1-74/80, #2-72/80, #3-74/80, #4-64/80, #5-70/80, #6-68/80.
3. Cleaned, gapped, tested, and rotated spark plugs.
4. Replaced clamp on #4 injector line with new adel.
5. Replaced several (10) rocker cover gaskets as necessary.
6. Removed exhaust muffler. Welded two small cracks on left end cap. Pressure tested and found no leaks. Reinstalled muffler.

I certify that this engine has been inspected in accordance with an annual inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.



REGAL AIR
PAINE FIELD - EVERETT, WA

10300 28th Ave W
Paine Field, Everett, WA 98204

Brian S. Barth AP26514521A

3/30/17	1473.8	1473.8	Serviced engine with Aeroshell 100 Plus oil. Replaced filter. Ran engine to check for leaks.
			YARIV SIMAN-TOR
			Pilot certificate #: 2853407

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE

Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298

N43FM

Date 4/11/2018

Mooney

Hobbs 1489.70

Model: M20R

Serial: 29-0139

ETT 1489.70

Continental 10-550-G

Serial: 679303

Accomplished the following work:

100 Hour inspection was completed at this time using the manufacturer's checklist. Compression check performed and results follow: #1- 67/80, #2- 69/80, #3- 70/80, #4- 62/80, #5- 64/80, #6- 64/80. Changed engine oil and oil filter. Serviced engine with 8 qts. Aeroshell w100. Cleaned and gapped spark plugs and rotated. Installed 4 new RHB32E spark plugs. Checked engine controls for rigging. Cleaned fuel screens. Both magnets were retimed to engine per engine specs. Fuel injection nozzles were removed and cleaned. Then reinstalled back into their appropriate cylinder locations. Replaced intake tube gasket on #4 cylinder. Engine was washed down and ground ran to check for oil and fuel system leaks. None noted. AD's researched and complied with thru 4/9/2018.

Accomplished the following Airworthiness Directives:

NO Engine AD's were due for compliance at this time.

This Engine has been inspected in accordance with an Annual inspection and has been found to be in an Airworthy condition.



A&P 2491728 IA

[illegible]

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298

N43FM

Mooney

Model: M20R

Continental 10-550-G

Serial: 29-0139

Serial: 679303

Date

5/23/2019

Hobbs

1533.80

ETT

1533.80

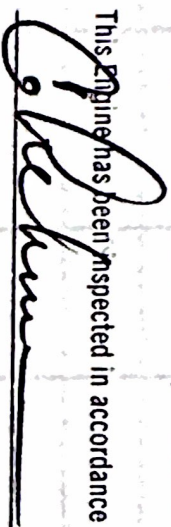
Accomplished the following work:

100 Hour inspection was completed at this time using the manufacturer's checklist. Compression check performed and results follow: #1- 63/80, #2- 60/80, #3- 71/80, #4- 58/80, #5- 60/80, #6 71/80. Changed engine oil and oil filter. Serviced engine with 8 qts. Aeroshell w/100. Cleaned and gapped spark plugs and rotated. Checked engine controls for rigging. Cleaned fuel screens. Both magnetos were returned to engine per engine specs. Fuel injection nozzles were removed and cleaned. Replaced several valve cover gaskets due to oil leakage. Engine was washed down and ground ran to check for oil and fuel system leaks. None noted. AD's researched and complied with thru May 20, 2019.

Accomplished the following Airworthiness Directives:

No Engine AD's were due for compliance at this time.

This Engine has been inspected in accordance with an Annual inspection and has been found to be in an Airworthy condition.



A&P 2491728 IA

[illegible]

YEAR:

RECORDING

TONNAGE

TOTAL

Duration of Inspection

Total Duration

and

Remarks

Date

Time

Location

Inspector

Signature

Title

Company

May 22, 2020

N43FM

Hobbs: 1578.5

AFTT: 1578.5

ENG TT: 1578.5

DATE

1. Compression as follows, 1 68/80, 2. 62/80, 3. 64/80, 4. 61/80, 5. 60/80, 6. 66/80.

2. Drained oil, removed and inspected oil filter, oil sample sent for analysis, serviced engine with 8 qts Aeroshell 100W Plus and new CH48109-1 filter.

3. Sparkplugs cleaned, gapped and reinstalled using new gaskets.

4. Secured A/C tensioner as needed.

5. Removed and replaced grommet in baffling near oil cooler with new.

6. Replaced metalized fabric heat shield material with new under LH side of muffler.

7. Tightened induction hose clamps as needed.

8. Repaired fiberglass induction "y" tube's LH inlet using Alclad sheet stock reinforcement under clamp. Applied new chafe protection as needed.

I certify that this engine has been inspected in accordance with an ANNUAL inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.

Markus B6sch AP31394381A



RECAL AIR

PAINE FIELD EVERETT WA

10217 31st Ave W, CSI

Paine Field, Everett, WA 98204

[illegible]

[illegible]



Heck Air LLC · 1389 General Aviation Dr. Melbourne, FL 32935 · 3212559155

N43FM

Hobbs : 1693.7

CONTINENTAL, IO550-G, S/N: 679303

SINCE NEW: 1693.7

December 13, 2021

1. Compressions 1) 58 2)60 3)71 4)725)52 6)58 Installed P/N RHB32E - Spark Plug , Installed (7) P/N 1059152 - Victory Aviation Oil 100AW - Quart , Installed P/N AA48109 - OIL FILTER.
2. Removal, sent cylinder for O/H, received and reinstalled cylinder with new gaskets and seals. Installed (2) P/N 630824 - GASKET, INTAKE MANIFOLD , Installed P/N 630979-9 - SEAL , Installed P/N X1473 - Gasket, Copper , Installed (3) P/N 633958-2 - TCM SEAL-COMP .15IDX.21THK 633958-2.
3. Trouble shot system found Cyl 2 EGT wire broken at connector pin. Repaired, function check good. Installed P/N M111 - Egt probe.
4. This inspection and routine maintenance performed IAW TCM IO550-G Manual and Mooney M20R Manual I certify that this aircraft engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

H. Hamilton A&P 34829211A

1-lane pme 1/ on lte

YEAR:	RECORD TIME
DATE	

Comp sent on XC20v replac drain

WO: MX10964



M&B Ventures, FL, LLC

M&B Ventures FL, LLC · 150 S. APOLLO BLVD · MELBOURNE, United States 32937 · 520-495-8845

N43FM

CONT MOTOR, IO-550 SERIES, S/N: 679303

June 04, 2024

Hobbs: 1778.1

SINCE NEW (Hobbs):
1778.1

Removed engine for shipment and overhaul Ref Mooney M20R service manual.

Charles McCray A&P 3834676

Chale M-Surya

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				CONSTI NUCE
				42
				BOOK 3