

YEAR RECORDING TODAY'S TOTAL

Jewell Aviation Inc.

Kennett, MO 63857

www.jewellaviation.com

Description of Inspections Tests Repairs and Alterations

Make:	Continental
Model:	TSIO-360-MB/SB
Serial#	317271
Date:	5/24/2019
SMOH:	000.0
Tach:	

an or

On this date received engine for overhaul, disassembled and inspected engine in accordance with Continental Manual X30596 and SPM M-0. Visually and dimensionally inspected all parts. All steel parts were magnaflux inspected and all non-ferrous parts were dye penetrant inspected. C/W AD 97-26-17C by Ultrasonic Inspection of Crankshaft, see form 8130-3. The engine was reassembled using the following new parts: Main bearings, Rod bearings, Rod Bolts, Rod Nuts, 655545 Camshaft, SA633106 Lifter Assemblies, Crankcase Through Bolts, Crankshaft Counterweight Bushings, Rollers, Plates and Snap Rings, Certified Connecting Rods and Rocker Arms, see forms 8130-3, Crankshaft seal, Crankshaft and Camshaft gear bolts, Oil suction screen, Gaskets, Seals, and Hardware. Installed CMI 658601A2BP Loaded Balance Pack Cylinder Kit Serial# AC18JA: 1. 980 2. 915 3. 961 4. 971 5. 960 6. 901. Not included with kits but installed were piston pins. Reinstalled Overhauled 653074A52 Starter Adapter, See form 8130-3. No other accessories were included with engine. Engine overhaul will be complete after

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YEAR 20 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.)
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test run in accordance with CMI SPM M-0 and Overhaul Manual X30596A. For information on AD Compliance, see AD Compliance Record. Use non detergent Aeroshell oil during break-in period. [Redacted] AOP [Redacted]

ENGINE MODEL TSIO 360
MB7B
ENGINE S/N: 317271
REG NO: N304MA
WORK ORDER
2934-03-2019

Don Maxwell Aviation Services, Inc.
[Redacted]
Longview Tx 75603
Phone [Redacted]

DATE 7/8/2019
A/C TSN 2454 42
ENG TT 2454 42
HOBBS 2454 42

Engine Entries

(3) fresh engine overhaul. Add Aeroshell 100 Mineral and a champion Ch48018-1 filter oil & filter.... (16) Adjusted manifold pressure and fuel flow... (20) Removed prop and engine. Crate and ship engine to Jewell Aircraft for overhaul.... (21) Replaced rod end on mixture control cable.... (22) Installed engine after overhaul by Jewell Aircraft. Installed engine using new Lord mounts, Pn. J9613-75 & 76, new hose kit from Precision Hose Tech. New Rapco RA970 exhaust gaskets.

I certify this engine has been inspected in accordance with a 100 hr inspection and found in an airworthy condition. Don Maxwell A&P [Redacted]

DATE: 7/8/2019

SIGNED [Redacted]

Work Order: 2934-03-2019

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YEAR 20____ 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.)
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ENGINE MODEL
ENGINE S/N
REG. NO: N304MA
WORK ORDER:
4545-07-2019

Lake Aero Styling & Repair

Repair Station No. 61SR208D
Lakeport, CA 95453 USA
Phone [REDACTED]

DATE 8/2/2019
A/C TSN: 2469
ENG TT 101.8
HOBBS 2469

Engine Entries

(1) Changed oil and filter, re-serviced engine with 8 qts of Aeroshell 100W non-det oil. Leak check normal. (3) Tightened most of the induction system clamps. Set MP to 39" @ full power.

Maintenance Release

The aircraft and/or component(s) on N304MA was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4545-07-2019, Dated 8/2/2019

DATE: 8/2/2019

SIGNED: [REDACTED]

Work Order: 4545-07-2019

Christopher Stephens
Certified Repair Station No. 61SR208D

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YEAR 20____ 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.)
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ENGINE MODEL: TSIO-360
 ENGINE S/N:
 REG. NO: N304MA
 WORK ORDER: 19-3411

Access Aviation Maintenance Services

Repair Station No. 7XAR138C
 [Redacted]
 [Redacted]
 Phone: [Redacted]

DATE: 12/2/2019
 A/C TSN:
 ENG TT:
 HOBBS: 2512

Engine Entries

2 Performed engine oil change IAW Lycoming TSIO-360 Operator's Manual Section 4. Serviced with 8 quarts of Phillips 66XC 20W50 oil. Removed oil filter and replaced with new filter P/N OFF/ON: CH48108-1. Inspected & cleaned pressure & suction screens. No defects noted.

THE AIRCRAFT AND/OR COMPONENT(S) IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED USING THE MANUFACTURER'S MAINTENANCE MANUAL AND IN ACCORDANCE WITH CURRENT RULES OF THE FEDERAL AVIATION REGULATIONS. THIS AIRFRAME AND/OR ENGINE(S) AND/OR PROPELLER(S) HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE.

DATE: 12/2/2019

SIGNED:

Joseph A. Enderle
 Certified Repair Station No. 7XAR138C

Work Order: 19-3411

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CAM CERTIFIED AIRCRAFT MAINTENANCE [REDACTED] **Burleson, TX, 76028**
ENGINE: Continental **MODEL:** TSIO-360-MB **S/N:** 317271
N304MA **HOBBS:** 2537.9

DESCRIPTION OF WORK PERFORMED:
Drained oil. Installed new filter p/n CH48108-1. Serviced with 8 qts Phillips XC20W-50. Ground ran and leak checked.

June 24, 2020

DATE

SIGNATURE

A&P

ENGINE MODEL: TSIO 360
MB7B
ENGINE S/N: 317271
REG NO: N304MA
WORK ORDER:
3246-07-2020

Don Maxwell Aviation Services, Inc.

[REDACTED]
Longview, Tx 75603
Phone: [REDACTED]

DATE: 8/25/2020
A/C TSN: 2559.4
ENG TT: 2559.4
TSMOH: 104.98
HOBBS: 2559.4

Engine Entries

(3) Checked compression 1. (72), 2. (74), 3. (74), 4. (74), 5. (72), 6. (76). Cleaned & gapped plugs. Serviced injectors. Check mag timing & security. Change oil with Phillips XC 20W-50 & filter with CH48108-1. Took oil sample.... (10) Adjusted manifold pressure... (18) Replaced aft alternator belt.... (19) Repaired aft alternator cooling duct scat attach point.

I certify this engine has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition. Adam Clark A&P [REDACTED]

DATE: 8/25/2020

SIGNED: [REDACTED]

Work Order: 3246-07-2020
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CAM CERTIFIED AIRCRAFT MAINTENANCE [REDACTED] **Burleson, TX, 76028**
ENGINE: Continental **MODEL:** TSIO-360-MB **S/N:** 317271
 N304MA **HOBBS:** 2604.6
DESCRIPTION OF WORK PERFORMED:
 Drained oil. Installed new filter p/n CH48108-1. Serviced with 8 qts Phillips XC20W-50. Ground ran and leak checked.

 DATE April 21, 2021 [REDACTED] [REDACTED]

 SIGNATURE A&P

Don Maxwell Aviation Services, Inc.
 Longview, TX 75803
 Phone [REDACTED]
 DATE 9/18/2021
 A/C TSN 2641 3
 ENG TT 2641 3
 TSMOH 186 88
 HOBBS 2641 3

ENGINE MODEL TSIO 360 MB7B
 ENGINE S/N: 317271
 REG NO: N304MA
 WORK ORDER 3515-08-2021

Engine Entries
 (3) Checked compression 71, 72, 73, 72, 74. Cleaned & gapped plugs. Serviced injectors. Check mag timing & security. Change oil with Phillips XC & Champion Ch48108-1 filter. Oil sample taken.

I certify this engine has been inspected in accordance with a 100 hr inspection and found in an airworthy condition Don Maxwell A&P [REDACTED]

DATE: 9/18/2021 SIGNED: [REDACTED]
 Work Order: 3515-08-2021
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Paul

DATE

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271
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leak checked.
P

DATE 9/18/2021
A/C TSN: 2641 3
ENG TT: 2641 3
TSMOH: 186 88
HOBBS: 2641 3
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r: 3515-08-2021
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CAM CERTIFIED AIRCRAFT MAINTENANCE [REDACTED] Burleson, TX, 76028		
ENGINE: Continental	MODEL: TSIO-360-MB	S/N: 317271
N304MA		HOBBS: 2669.0
DESCRIPTION OF WORK PERFORMED: Drained oil. Installed new filter p/n CH48108-1. Serviced with 8 qts Phillips XC20W-50. Ground ran and leak checked.		
DATE	SIGNATURE	A&P
April 4, 2022	[REDACTED]	[REDACTED]

ENGINE MODEL: TSIO 360 MB7B
ENGINE S/N: 317271
REG NO: N304MA
WORK ORDER: 3686-06-2022
Don Maxwell Aviation Services, Inc.
[REDACTED]
Longview, Tx 75603
Phone: [REDACTED]

DATE: 7/11/2022
A/C TSN: 2691 6
ENG TT: 2691 6
TSMOH: 237 18
HOBBS: 2691 6

Engine Entries

(2) Changed filter with Tempest 48108. Cut filter, no cuttings. Changed oil with 8 qts Phillips 20/50. Washed and ran engine. No leaks noted.

Paul Maxwell A&P [REDACTED]

DATE: 7/11/2022

SIGNED: [REDACTED]

Work Order: 3686-06-2022

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3755-09-2022 (10-08-2022)

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MAKE: Mooney
MODEL: M20K
S/N: 25-2004
REG. NO.: N304MA

Don Maxwell Aviation Services, Inc.
[Redacted]
Longview, Tx 75603

W/O #: 3755-09-2022
DATE: 10-08-2022
A/C TT: 2732.40
A/C Tach:
Engine Make: TCM
Engine Model: TSIO 360 MB7B
Engine O/H Date: 05-24-2019
Hobbs: 2732.40
Engine SN: 317271
TSMOH: 277.98

Engine Entries

(3) Checked compression (1.)74 (2.)76 (3.)70 (4.)75 (5.)70 (6.)72 . Cleaned & gapped plugs. Serviced injectors. Check mag timing & security. Change oil & filter.... (6) Installed new Donaldson air filter, p/n EDO4011. Hobbs time 2732.3. Next due 3232.3 hobbs.... (20) Installed new RHM38E spark plug in #2 cylinder upper. Ran engine for ops check. ops check good.

I certify this engine has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition. Don Maxwell A&P

[Redacted]

[Redacted Signature]

DATE: 10-08-2022

SIGNED:

WORK ORDER: 3755-09-2022

Don Maxwell
A&P or IA Number [Redacted]

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				KNK AVIATION [REDACTED] SPRING BRANCH TEXAS 78070 [REDACTED]
				DATE:02/10/2023 REGISTRATION NUMBER: N304MA HOBBS: 2763.2
				Removed turbocharger had overhauled by main turbo systems, Inc W/O# 64070. Reinstalled turbocharger. Test ran engine leak and ops check good. I certify this aircraft is ok for continued service.
				Keith Kehoe A&P [REDACTED] [REDACTED]