

ANOTHER QUALITY OVERHAUL
BY

**CERTIFIED
ENGINES
UNLIMITED, INC.**
OF
PEMBROKE PINES, FLORIDA



The Standard
 **-ENGINE LOG**

ASA-SE-2

Engine Record General Information

Man

Manufacturer: Teledyne Continental **Model** IO-550 G(6)

Seri

Serial: 679303

This

Type Certificate: E3SO-REV 12

**This engine is currently installed
in aircraft:** MONEY M20R N43FM

Mini

Mag

Minimum Octane Fuel:
100/100LL

Spai

Oil Grade *Summer:* 50W
Winter: 40W

Man

Magneto Time: 22° BTC

Spark Plug Gap: .016 - .021

Firing Order: 1-6-3-2-5-4

**Manufacturer's Recommended
TBO at 1700 hours**

Comments:

YEAR 20 <u>24</u> 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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This document is to serve as a certification of
Overhaul and Block Test Run by
Certified Engines Unlimited, Inc.

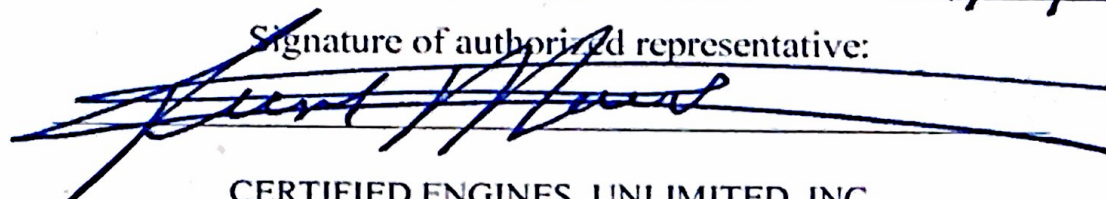
MFG: T.C.M MODEL: IO-550 G (6)
S/N: 679363 TOTAL TIME: 1778.10 hrs

AD NOTES: SEE REAR OF LOGBOOK

Pertinent details of the work performed are on file at this agency under

Invoice/Work Order: 80258/64130 Date: 09/18/2024

Signature of authorized representative:



CERTIFIED ENGINES UNLIMITED, INC.

1630 S.W. 75th Ave/ Hangar, Pembroke Pines, FL 33023 USA

Phone: 305-685-8331 Email: allen@ceu.aero

EASA.145.4301

FAA CRS KG4R309M

INAC OMAC-E # 264

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YEAR 20 <u>24</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration 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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MAINTENANCE RELEASE



FAA CRS# KG4R309M

The aircraft engine and/or component identified was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service.

CAUTION!

This engine has been run according to factory recommended procedures. Avoid prolonged ground run or slow flight as this causes new engine damage and will void warranty.

CAUTION!

Warranty will be voided if all oil fed accessories are not cleaned, tagged and recorded in logbook at time of engine overhaul. eg. prop, prop governor, oil cooler, oil tank, & all fuel & oil lines.

For proper warranty coverage consult Certified Engines before any repairs or adjustments are made on the engine.

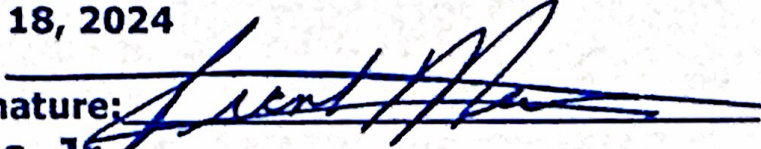
Pertinent details of the repair are on file at this agency under:

INV/WO# 80258/64130 Date 09/18/2024

Signed

(Signature of authorized individual)

For: Certified Engines Unlimited

YEAR 2024 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.)
				<p>This engine, model Continental IO-550 G(6), s/n 679303, was Overhauled by Certified Engines Unlimited, Inc., of Pembroke Pines, Florida following guidelines of factory recommended procedures, specifications, limits & pertinent Federal Aviation Regulations.</p> <p>All internal steel parts were magnafluxed by Palm Beach Aircraft Propeller CRS#LU4R349M & all non ferrous materials were checked for cracks. Guidelines from the Continental Overhaul Manual M-O & X30568A were followed at time of overhaul.</p> <p>Installed Bendix Magnetos, OHC by Quality Aircraft Accessories, CRS # 9QFR310C. Installed Fuel Injection System, OHC by Western Skyways, CRS # WS9R575J. Installed Oil Cooler, OHC by Pacific Oil Cooler Service, CRS # RF3R813L. Installed Starter, OHC by Aerotech of Louisville, CRS # PU4R453M. Installed Starter, OHC by Quality Aircraft Accessories, CRS # QYIR334Y. All 8130-3 forms received from the accessory suppliers are located at the rear of this logbook. No other accessories inspected or overhauled per customer request.</p> <p>Installed Camshaft, reground to manufacturer specifications by Aircraft Engine & Accessory Co, CRS # UI1R533K. Installed VAR style crankshaft, s/n H289705N, ultrasonic inspected per TCM MSB#96-10B by Palm Beach A/C Prop, CRS # LU4R349M. Six Nickel Plated Factory NEW Cyl Assemblies (n/a to any present AD's or SB's), new Continental harness, new Champion Spark Plugs, & NEW Tempest oil filter were installed.</p> <p>Certified Engines Unltd Inc. * Pembroke Pines, FL 33023 USA * FAA CRS#KG4R309M Inv/wo # 80258/64130 Date: September 18, 2024</p> <p>Authorized Signature:  Frank Neves, Jr.</p>

YEAR
20 24
DATE

Recommended parts listed in the Continental Overhaul Manual & Service Bulletin SB#97-6B were installed at time of this overhaul....(see list below):

***FAA-PMA Parts are frequently substituted for Teledyne Continental factory parts.**

6	SC	NICKEL PLATING	1	550483	BEARING-ROLLER
6	654439-2	INTAKE HOSE	1	SA630899	BEARING
1	SA641250	CRANK SEAL	1	SA641368	BEARING
1	SA24770	PLUG	8	SA350998	C/SHAFT BLADE BUSHING
4	SA638172	NAG DRIVE CUSHION	4	SA649205	SCREW
16	SA639193	C/WEIGHT BUSHING	1	SA534715	LOCK RING
4	SA643626-105	C/W PIN	1	CAM654565	CLUTCH SPRING
2	SA643626-104	C/W PIN	1	10-823674-7	HARNES IGNITION
2	SA643626-103	C/W PIN	1	502267-3	RING-RETAINING-INT
16	SA629104	LOCK RING	12	SA631815	ROCKER SHAFT
18	SA643629	RETAINING PLATE	1	AA9144	PROP GOVERNOR GASKET
1	SA646592-A1	BEARING SET	1	55239-25	RING-EXT RETAIN REF522108
6	656990	C/S GEAR SCREW	1	550165	BEARING-BALL
4	SA631088-.44	SCREW	8	AS3578-016	SEAL-"O" RING
6	SA646277	LIFTER	1	MS24665-302	PIN-COTTER .09X1.00 LG
6	SA628488	LIFTER	1	630691	WASHER-ALT DR HUB ASM
3	MS35756-8	KEY WOODRUFF	1	653358	COUPLING-FUEL PUMP
2	SA632443A-4	NUT	1	632018	GEAR FACE
1	EQ7191AR1	GASKET KIT	24	501868	WASHER-TAE
6	SA630046	PISTON PIN	24	RAM2765-1	ROCK ARM RETAINER
1	AA48108-2	SPIN EZ OIL FILTER. SPIN-ON	24	537750	SCREW .31-18 NC3X1.12
24	MS20500-426	EXHAUST NUT	1	6466550H	ALTERNATOR HUB. OMC
12	RHB32E	SPARK PLUG - MASSIVE WIRE	1	634150	SPRING OIL PRES REL
6	SA530658	CONN ROD BUSHING	1	646416	BUMPER-RUBBER
12	655958	BOLT-CONN ROD	1	RAM2078-1	CAM GEAR
12	654490	NUT-CONNECTING ROD	1	RAM2074-1	LARGE CRANKSHAFT GEAR
12	SA642398	CONN ROD BEARING	1	649157	GEAR ASM-SCAV PUMP
1	501867	WASHER-TAB .26 DIA ID	1	649159	GEAR SCAV PUMP
1	55257S	BEARING-BALL-RADIAL	1	RAMEQ7277	MAJOR O/H THRU BOLT-KIT
2	SA641909	PLATE	12	658713	ROCKER ARM BUSHINGS
			6	658820A5BP	CYL KITS(6) BALANCE PACK

After final assembly, this engine was run-in on test stand for a period of three hours with all temperatures, pressures, & performances within those limits as prescribed by the factory. Oil Filter checked clean.

Airworthiness directives complied with during this overhaul are listed at the rear of this logbook. This engine is approved for return to normal service.

Certified Engines Unltd Inc. * Pembroke Pines, FL 33023 USA * FAA CRS#KG4R309M
Inv/wo # 80258/64130 Date: September 18, 2024

Authorized Signature:
Frank Neves, Jr.

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