

N559RR

ENGINE LOG BOOK



Alt 2
70 Amp
28.75 Volt

2

14 CFR 43.9 Return to Service Other regulation specified in Block 12

certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

Authorized Signature:	14c. Approval/Certificate No.:
Name (Typed or Printed):	14e. Date (dd/mm/yyyy):

Continental Motors Internet Service contains
Instructions for Continued Airworthiness

Responsibilities
 Authority to install the aircraft engine/propeller/article.
 Authority different than the airworthiness authority of the country specified in
 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country
 Maintenance records must contain an installation certification issued in accordance with the

NSN-0052-00-012-9005

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



If a label indicating the engine model and serial number is not affixed in this location, this is not an original. Consult the original engine log book for information recorded in this log book.

Continental Motors
FAA PRODUCTION CERTIFICATE NO. 508
 Printed: 12/12/2019
 Test Date: 12/10/2019

This engine model TSI0550K1B, serial number 1038516 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.

[Handwritten Signature]

CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev Sept 2014)



Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 2/21/2020; Aircraft: N559RR

MA20-06195 Discrepancy: 1

Oil and oil filter change. 20W50XC. Look engine over for leaks etc.

Changed oil and oil filter, cut oil filter open filter normal, Serviced with 20W50XC. Inspected engine and exhaust system. Ground run. No Leaks at this time.

Discrepancy: 2

Adjust high of fuel pumo out 1/2 turn.

Adjusted takeoff fuel pressure up. Out 1/2 turn. Ground run Operational check OK.

Discrepancy: 3

Install oil presssure hose kit 2X-79-04 Improved installation of oil sensor.

Completed SB 2X-79-04 Improved Installation of Oil Pressure Sensor. Operational check OK.

Discrepancy: 4

Install customer supplied spinner.

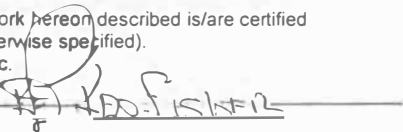
Installed customer supplied spinner.

The articles and/or work hereon described is/are certified
airworthy (unless otherwise specified).

Autopilots Central, Inc.

FAA CRS CM2R747K

Authorized Signature


PETER LEO FISHER

Autopilots Central, Inc.
3112 North 74th East Avenue

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Changed oil and oil filter, cut filter open filter normal. Oil sample taken. Serviced with 20W50XC oil. Compressions 1-72, 2-70, 3-70, 4-72, 5-66, 6-68. Cleaned and gapped spark plugs. Bore scoped cylinders, normal cylinder wear. Checked magneto to engine timing. Replaced induction air filters. Lubricated engine control cables. Inspected all fluid lines. Inspected turbo chargers and exhaust systems and waste/gate. N/A 2020-16-11 MSB18-08C by cylinder s/n's. I certify that this engine has been inspected iaw a 100 hour / Annual inspection and was found to be in airworthiness condition as of this date.
MA21-06396
Date: 03.05.2021
Signature: KEN FISHER
Autopilots Central Inc.
Tulsa, Okla. 74115
CRS CM2R747K.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
20W50XC	Phillips Detergent Oil		8.00	Each		\$
AA48108-2	Oil Filter		1.00	Each		\$
AOA	Oil Analysis Kit		1.00	Each		\$
CAMGUARD	ASL Oil Additive (16oz)		1.00	Bottle		\$
M674	Gasket, Spark Plug		12.00	Each		\$

Discrepancy: 4

Problem:
Propeller 100 hour / Annual inspection due.
Action Taken:
Propeller PHC-J3Y1F-1N s/n: Nj326B Propeller time:104.2. Completed 100 hour / Annual inspection on Propeller using Cirrus inspection forms. Inspected and lubricated Propeller hub. Inspected propeller blades and deice system. I certify that this propeller has been inspected iaw a 100 hour / annual inspection and was found to be in airworthiness condition as of this date.
MA21-06396
Date: 03.05.2021
Signature: KEN FISHER
Autopilots Central Inc.
Tulsa, Okla.74115
CRS CM2R747K

Discrepancy: 5

Problem:
IFR certification due.
Action Taken:
Garmin GDC74 (011-00882-10) S/N: 20609400 - Tested & certified IAW FAR 43 APP E PAR B to 25,000ft.
Garmin GDC74 (011-00882-10) S/N: 20609406 - Tested & certified IAW FAR 43 APP E PAR B to 25,000ft.
United Altimeter 5934AD-3 S/N 479882 - Tested & certified IAW FAR 43 APP E PAR B to 25,000ft.
GTx345R Transponder S/N: 3EH023609 IAW FAR 91.413 & 43 APP F.
Altitude Reporting System - Test & inspect IAW FAR 91.411 & 43 APP E PAR C
Certified Static System - Certified IAW FAR 91.411 & 43 APP E PAR A.

Miscellaneous Charges:

		Misc Supplies: \$
Totals:		
SubTotal:		\$
Charges:		\$

The articles and/or work hereon described is/are certified airworthy, (unless otherwise specified).
Autopilots Central Inc. FAA CRS CM2R747K

Authorized Signature: KEN FISHER

Ventana Enterprises, LLC N559RR
Printed: 3/04/2021

Work Order: MA21-06396

Page: 2 of 2

CENTRAL INC

Date: 6/08/2021; Aircraft: N559RR
N559RR SR22T s/n: 0051 Tach time: 1379.5
Discrepancy: 1
Change oil and oil filter. 20w50XC AOA.
Changed oil and oil filter, cut filter open normal. Serviced with 20W50XC. inspected engine and exhaust system.
checked tire pressure and exterior lights. Ground run Operational check OK.

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).

Autopilots Central, Inc.
FAA CRS CM2R747K
Authorized Signature: KEN FISHER



Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Record

noval and Directives,

Date: 10/28/2021; Aircraft: N559RR
N559RR SR22T s/n: 0051 Flight time: 1440.4 Engine time: 213.4
MA21-02800 Date: 10/28/2021

Carried

Discrepancy: 1
Oil and filter change. 20W50XC AOA. Check tires and brakes. Service brake reservoir.
Changed oil and oil filter. cut filter for inspection normal. Serviced with 20W50XC. AOA taken. Serviced wheels and
brakes. serviced brake reservoir. Serviced nose strut. Operational check ok.

The articles and/or work hereon described is/are certified
airworthy (unless otherwise specified)

Autopilots Central, Inc
FAA CRS CM2R747K
Authorized Signature

KD KENT FISHER



Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 1/24/2022; Aircraft: N559RR
N559RR SR22T s/n: 0051 ACTT: 1491.9 Engine Time: 264.9
MA21-06599 Date: 01/24/2020

Discrepancy: 1
Nose Strut bad replace P/n: 27057-002 (order).
Removed and replaced nose strut shock absorber. Removed p/n: SR 3323900 Production number 04 09 096.
Installed p/n: 0346 800. Production number 1 121-12. Operational check OK.

Discrepancy: 2
12/7/21 - Chris Conklin pick up drink holders.
Picked up drink holders.

Discrepancy: 3
Oil and filter change. AOA 20W50XC.
Changed oil and oil filter, oil sample taken. Cut oil filter open filter normal. serviced with 20W50XC. Ground run
Operational check Ok.

The articles and/or work hereon described is/are certified
airworthy (unless otherwise specified).

Autopilots Central, Inc
FAA CRS CM2R747K
Authorized Signature

KD KEN. FISHER

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					



Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 4/07/2022; Aircraft: N559RR
Discrepancy: 1
Annual inspection
N559RR SR22T s/n:0051 Hobbs: 1792.1 Flight 1529.8. Completed 100 hour / Annual inspection using Cirrus inspection forms. Researched AD notes on Airframe, Engine, Propeller and appliances. Researched Mandatory Service bulletins. Researched ATCDS.A00009CH Rev 23 dated 02/24/2021. C/W FAR 91.207(d) ELT and G switch test.ME406 p/n: 453-6603 s/n: 197-06402 Battery due 06/2023. CAPS Parachute due 03/31/2032. CAPS Rocket motor due 03/31/2032. CAPS Reefing line cutters 08/2022. EMA controller 08/2024. Pilot and Copilot Seat Inflators due 08/2023. Number two batteries due 03/2024. IFR certification due 03/2023. Oxygen hydrostatic test due 04/2023. Oxygen bottle replacement 08/2031. Annual inspection due 04/2023. I certify that this aircraft has been inspected iaw an Annual inspection and was found to be in Airworthiness condition as of this date 04/08/2022.
MA22-06638
Date: 04/08/2022
Signature: [Signature]
Autopilots Central Inc.
Tulsa, Okla. 74115
CRS CM2R747K
Discrepancy: 2
Airframe and special inspections.
Replaced Pilot and Copilot seat inflators iaw Cirrus inspection forms. Replaced pilot and Copilot door Struts.
Replaced left and right hand brake pads. Replaced left and right hand main tires and tubes. Lubricated flight controls and checked cable tensions. Checked Fuel cap wing resistance. Battery CAPS test. Inspected wheel bearing and greased. Inspected roll servo and pitch servo. Inspected TKS lines and pumps for leaks.
Discrepancy: 3
Engine 100 hour / Annual inspection
Engine TSIO-550-K1B s/n: 1038516 SMOH: 302.8. Completed 100 hour / Annual inspection of engine using Cirrus inspection forms. Compressions 1-68, 2-70, 3-71, 4-70, 5-71, 6-71. Bore scoped cylinders, all cylinders are as they should be. Changed Oil and Oil filter, cut filter open (normal). Serviced with 20W50XC. Lubricated engine controls. Replaced induction filters. Replaced spark plugs. Checked magneto to engine timing. Replaced gar lock seal on A/C



Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 7/19/2022; Aircraft: N559RR
N559RR SR22T s/n: 0051 ACTT: 1590.8
MA22-06761 Date: 07/19/2022
Discrepancy: 1
Oil and filter change. AOA Phillips 20W50XC.
Changed oil and oil filter, cut filter open (normal). Serviced with Phillips 20W50XC. AOA Added 11 Oz of Camguard. Lubricated engine controls. Inspected exhaust and turbochargers. Ground run. Operational check Ok. Serviced tires and brakes.

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).
Autopilots Central, Inc.
FAA CRS CM2R747K
Authorized Signature [Signature]

S 2

Alt 2
70 Amp

Alt 1
100 Amp

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Carried

AUTOPILOTS CENTRAL INC
Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 10/05/2022; Aircraft: N559RR
N559RR SR22T s/n: 0051 Hobbs: 1917.9 Flight: 1648.5
MA22-06814 Date: 10/05/2022 Next oil change 1698.5

Discrepancy: 1
Oil and filter change 20W50XC, AOA camguard.
Changed oil and oil filter, cut oil filter open (normal). Serviced with 20W50XC, oil sample taken, Cam-guard added.
inspected engine, exhaust and lubricated engine controls. Checked tires and brakes. Serviced brake reservoir
Ground run. Operational check OK.

Discrepancy: 2
Top off TKS.
Found TKS in Aircraft an odd color (orangish). Removed fluid and flushed system out. Replenished TKS Right and left hand tanks. Operational check OK.

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).
Autopilots Central, Inc.
FAA CRS CM2R747K
Authorized Signature: KEN FISHER

AUTOPILOTS CENTRAL INC
Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 3/06/2023; Aircraft: N559RR
N559RR SR22T s/n: 0051 Hobbs: 1979.6 Flight 1710.7
MA23-06953 Dated: 03/06/2023.

Discrepancy: 1
Oil and Filter change
20W50XC, AOA AA48108-2
Changed oil and oil filter, cut filter open, (normal). Serviced with 20W50 XC. Lubricated engine controls and inspected engine. Operational check OK.

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).
Autopilots Central, Inc.
FAA CRS CM2R747K
Authorized Signature: KEN FISHER

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Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

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Date: 8/01/2023; Aircraft: N559RR
N559RR SR22T s/n: 0051 Hobbs: 2031.0 Flight:1756.3
MA23-07085 Date: 08/01/2023
Discrepancy: 1

Maniflod pressure bleeding off on takeoff T/S.
1. Inspected exhaust system and intake system for leaks. Inspected upper deck system for leaks. Back flushed turbo controller. Ground run and raised the controller 1/8 turn. Cowled engine for flight check.
2. Flew a/c on Aug. 1st. Ground run until oil temperature was 223 degrees and CHT's were below 420 degrees. Take off indications were 37.2 inches MP, 2500 rpm, FF at 41.1 GPH and % power was 101. In the climb the oil temperature cooled to 200 degrees. At 8500 feet full power readings were 37.6 inches MP, 2500 RPM, 40.9 GPH and 103% pwr. All CHT's, EGT's and turbo temperatures were normal. Finish HM read 2031.0 hrs and Flight read 1756.3 hrs.

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).
Autopilots Central, Inc.
FAA CRS CM2R747K
Authorized Signature [Signature]



Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 11/08/2023; Aircraft: N559RR
N559RR SR22T s/n: 0051 Hobbs: 2077.0 Flight: 1798.3
MA23-07169 Date: 11/08/2023
Discrepancy: 1

Oil and filter change
AA48108-2 Filter
20W50XC Oil.
No AOA
Changed oil and oil filter, cut filter open (normal). Serviced with 20W50XC. No AOA. Ground run Operational check OK.

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).
Autopilots Central, Inc.
FAA CRS CM2R747K
Authorized Signature [Signature]

Problem:

Engine 100 hour Inspection.

Action Taken:

Engine: TSIO-550-K1B s/n: 1038516 SNEW: 629.8. Completed 100 hour / Annual Inspection using Cirrus Inspection and Continental M-0 manual. Compressions 1-66, 2-70, 3-69, 4-66, 5-72, 6-66. Changed oil and oil filter cut filter open, (normal). Serviced with 20W50XC. Oil sample taken. Lubricated engine controls. Checked magneto to engine timing. Replaced 12 ea spark plugs. Replaced induction filters Repaired engine cowling Louvre. Inspected Turbo chargers. Inspected and cleaned oil check valves. Inspected and lubricated waste-gate. Inspected exhaust system. I certify that this engine has been Inspected IAW a 100 hour / Annual Inspection and found to be Airworthy.

MA24-07330
Date: 06/11/2024
Signature [Signature]
Autopilots Central Inc.
Tulsa, Okla. 74115
CRS CM2R747K

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37 A 15



Alt 2
70 Amp

Engine Service and Maintenance Record

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives,

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min
Carried forward				
<p>AUTOPILOTS CENTRAL INC Hangar 23, Tulsa International Airport-Tulsa, OK 74115 (918)836-6418</p> <p>Date: 9/03/2024; Aircraft: N559RR N559RR SR22T s/n: 0051 Hobbs: 2188.5 Flight: 1901.1 MA24-07417 Date: 09/03/2024 Discrepancy: 1 Oil and filter change, AOA, AA48108-2, 20W50XC. Changed oil and oil filter, cut filter open (normal). Oil sample taken. Serviced with 20W50XC. Ground run Operational.</p> <p>The articles and/or work hereon described is/are certified airworthy (unless otherwise specified). Autopilots Central, Inc. FAA CRS CM2R747K Authorized Signature: <u>Ken Fisher</u></p>				

Alt 1
100 Amp
28 Volt

<p>AUTOPILOTS CENTRAL INC Hangar 23, Tulsa International Airport-Tulsa, OK 74115 (918)836-6418</p> <p>Date: 1/15/2025; Aircraft: N559RR N559RR SR22T-0051 Hobbs: 2236.7 Flight: 1949.3 MA25-07530 Date: 01/15/2025 Discrepancy: 1 Oil pressure sensor bad. Replace p/n: 12-635-004 Remove and replace oil pressure sensor. p/n: 12-635-004. Operational check and post inspection ok.</p> <p>The articles and/or work hereon described is/are certified airworthy (unless otherwise specified). Autopilots Central, Inc. FAA CRS CM2R747K Authorized Signature: <u>Ken Fisher</u></p>				
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<p>AUTOPILOTS CENTRAL INC Hangar 23, Tulsa International Airport-Tulsa, OK 74115 (918)836-6418</p> <p>Date: 2/17/2025; Aircraft: N559RR N559RR SR22T-0051 Hobbs: 2271.4 Flight: 1974.4 MA25-07560 Date: 02/17/2025 Discrepancy: 1 Oil and filter change, 20W50XC, AOA Changed Oil and oil filter, cut filter open (normal). Serviced with 20W50XC 8 qts. Oil sample taken. Inspected engine and lubricated engine controls. ground run Operational check OK.</p> <p>The articles and/or work hereon described is/are certified airworthy (unless otherwise specified). Autopilots Central, Inc. FAA CRS CM2R747K Authorized Signature: <u>Ken Fisher</u></p>				
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Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

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Date: 6/17/2025; Aircraft: N559RR
N559RR SR22T-0051 Hobbs:2318.3 Flight: 2015.5
MA25-07632 Date: 06/17/2025
Discrepancy: 1
Annual Inspection

N559RR SR22T-0051 Hobbs:2312.5 Flight: 2015.5. Completed Annual inspection using Cirrus Inspection forms.
Researched AD's up to date. Researched mandatory service bulletins, up to date. Reviewed TCDS #A00009CH Rev.
24 Dated 09/28/2023. C/W FAR 91.207 (d) ELT and G switch test. Battery due 07/2029. IFR cert's due 05/2027.
Oxygen bottle due replacement 05/2040. Oxygen bottle 5 year continuous Inspection due: 05/2030. EMA controller
due 05/2039. CAPS rocket motor replacement due: 03/2031. Parachute repack due: 03/2031. CAPS reefing line
cutters due 05/2029. Pilot and copilot seat inflators due 04/2034. Number 2 batteries due 05/2027. Annual Inspection
due: 06/2026. I certify that this Aircraft has been Inspected IAW an Annual Inspection and found Airworthy at this
time.

Sublet Service Completed: 6/16/2025
Description: Aircraft Wash
Performed By: Afterglow Aircraft Solutions PO #: PO25-26207
Discrepancy: 2

Airframe and special inspections
Replaced EMA controller. Replaced #2 batteries. Replaced oxygen bottle (life limit). Serviced Oxygen bottle. Battery
caps test 111%. IFR cert's completed. Replaced nose tire. Inspected, inspected wheels and brakes. Checked cable
tensions. Inspected and lubricated flight controls. Serviced brake reservoir. Replaced placards, (Parachute Rocket
deployment)(Rescue, fracture remove window). Replaced nose wheel fork bushings and reassembled, checked
tension; 23 lbs. Replaced power lever next inspection due: 3215.5. Replaced low side a/c valve core (leaking)
Serviced a/c with 1 pound R-134 Freon.

Discrepancy: 3
Engine 100 hour Inspection.
Engine TSIO-550-K1B s/n: 1038516 SMOH: 788.5. Completed 100 hour using Cirrus Inspection forms.
Compressions 1-69, 2-66, 3-70, 4-69, 5-68, 6-67. Changed oil and oil filter, cut filter open; ok. Oil sample taken,



Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 8/12/2025; Aircraft: N559RR
N559RR SR22T-0051 Hobbs: 2412.8 Flight: 2393.1
MA25-07716 Date: 08/12/2025
Discrepancy: 1

Oil and filter change.
Changed oil and oil filter, cut filter open:ok. Serviced with 20W50XC. Oil sample taken. Lubricated engine controls.
Ground run, no leaks at this time.

Discrepancy: 2
Number 6 EGT spiking, T/S.
T/S Bad EGT probe, replaced

The articles and/or work hereon described is/are certified
airworthy (unless otherwise specified).

Autopilots Central, Inc.

FAA CRS CM2R747K

Authorized Signature 