

Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at:
1-888-826-5465 Toll free in the United States or
1-251-436-8299 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

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



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 11/09/2015

Test Date: 11/09/2015

This engine model TSI0550K1B, serial number 1031567 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.

Thomas Howard

CONTINENTAL MOTORS, INC.

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	

ENGINE MODEL:
TSIO-550-K
ENGINE S/N: 1031867
REG. NO: N224PV
WORK ORDER: P2545



Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801-933-7500

DATE: 6/16/2016
A/C TSN: 27.9
ENG TT: 27.9
TACH: 27.9

Engine Entries

- (1) ENGINE OIL DRAINED HOT, OIL FILTER REMOVED AND INSPECTED FOR CONTAMINATES, NONE FOUND. INSTALLED NEW OIL FILTER CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QUARTS EXXON ELITE 20W-50 OIL. LEAK CHECKED SATISFACTORY.
- (2) FUEL FLOW ADJUSTED PER CIRRUS SR22T AMM 73-20. RAN AIRCRAFT OPERATION CHECK SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. P2545

DATE: 6/16/2016

SIGNED:

Work Order: P2545

Jimmy P. Ray
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

1 of 1

ENGINE MODEL:
TSIO-550-K
ENGINE S/N: 1031567
REG. NO: N224PV
WORK ORDER: P2697



Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801-933-7500

DATE: 2/22/2017
A/C TSN: 45.9
ENG TT: 45.9
TSMOH:
TACH: 45.9

Engine Entries

- (3) ENGINE HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D USING THE CIRRUS DESIGN SR22 INSPECTION CHECKLIST 05-20 AS A REFERENCE AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.
- (4) ENGINE OIL DRAINED. REMOVED OIL FILTER AND INSPECTED FOR CONTAMINATES, NONE FOUND. INSTALLED NEW OIL FILTER P/N CH48108-1 AND SAFETIED. SERVICED ENGINE WITH 8 QTS OF EXXON 20-50W OIL. LEAK CHECKED SATISFACTORY.
- (5) ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: #1 79/80 #2 70/80 #3 75/80 #4 70/80 #5 73/80 AND #6 70/80. CHECKED SATISFACTORY.
- (13) CIRRUS SERVICE ADVISORY SA13-01 FOR EXHAUST INSPECTION C/W. CHECKED SATISFACTORY.
- (18) INSTALLED GASKETS AND NEW O-RINGS ON FUEL INJECTOR LINES AND NOZZLES FOR CYLINDER #4, #3, AND #5 GASKET P/N 640612. O-RING P/N 630979-9 PER TSIO-550-K MAINTENANCE MANUAL. LEAK CHECKED SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. P2697

DATE: 2/22/2017

SIGNED:

Work Order: P2697

Jimmy P. Ray
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

1 of 1

Total Time

Time Since Last Overhaul

Engine Service and Maintenance Record

oval and directives,

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1031567
REG. NO: N224PV
WORK ORDER:
10164-01-2018



Lone Mountain Aviation, Inc.
Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 3/8/2018
A/C TSN: 92.3
ENG TT: 92.3
FLIGHTTIME: 92.3

Carrie

Engine Entries

I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. Compression check: #1- 60/80, #2- 52/80, #3- 60/80, #4- 58/80, #5- 52/80, #6- 66/80. Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with qts. of Phillips 66 X/C 20W-50. Engine run and leak check good. Oil sample taken. Removed turbo inlet check valve and installed new check valve IAW TCM MM M18. Leak check good.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 3/8/2018

SIGNED:

Work Order: 10164-01-2018

Travis L Anderson
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1031567
REG. NO: N224PV
WORK ORDER:
10996-03-2019



Lone Mountain Aviation, Inc.
Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 5/6/2019
A/C TSN: 118
ENG TT: 118
FLIGHTTIME: 118

Engine Entries

I certify that this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. Changed oil and filter. Cut open filter and checked for metal, none found. Serviced with 8 qts. of Phillips 20W50 X/C. Oil sample taken. Engine run and leak check good. Engine compressions: 1) 75, 2) 72, 3) 78, 4) 66, 5) 68, 6) 72/80.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 5/6/2019

SIGNED:

Work Order: 10996-03-2019

Travis L Anderson
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

April 22, 2020

N224PV TCM TSIO-550-K1B S/N- 1031567

Hobbs- 151.2 TSNEW- 151.2 TTAF- 151.2

Completed a differential compression test. Results were as follows: #1-76/80 #2-63/80 #3-75/80 #4-60/80 #5-70/80 #6-76/80. Checked the magneto timing and found set to the factory specification. Cleaned, gapped and tested the spark plugs and reinstalled them in the engine. Drained the engine oil and removed the filter. Serviced with 7 quarts of Phillips 20W50 oil and installed a new Tempest part number AA48108-1 oil filter. Opened the removed filter for inspection and found no abnormal conditions. Washed the engine down with solvent. Test ran. Operational and leak checks are satisfactory. I certify that this engine has been inspected in accordance with FAR part 43 appendix D annual and 100 hour inspection requirements and is determined to be airworthy at this time and date and is approved for return to service. End.

JAMES HODDENBACH AP26078371A

April 19, 2021

N224PV TCM TSIO-550-K1B S/N- 1031567

Hobbs- 185.9 TSNEW- 185.9 TTAF- 185.9

Complied with AD 2020-16-11 eff. date 9/21/20 in accordance with par (g)(1)(i) and MSB 18-08 Rev. B dated 1/13/20. No cracks were found and all the cylinders were modified per the SB. No further action is required. Completed a differential compression test. Results were as follows: #1-73/80 #2-70/80 #3-73/80 #4-67/80 #5-66/80 #6-77/80. Checked the magneto timing and found set to the factory specification. Cleaned, gapped and tested the spark plugs and reinstalled them in the engine. Drained the engine oil and removed the filter. Serviced with 7 quarts of Phillips 20W50 oil and installed a new Tempest part number AA48108-1 oil filter. Opened the removed filter for inspection and found no abnormal conditions. Washed the engine down with solvent. Test ran. Operational and leak checks are satisfactory. I certify that this engine has been inspected in accordance with FAR part 43 appendix D annual and 100 hour inspection requirements and is determined to be airworthy at this time and date and is approved for return to service. End.

JAMES HODDENBACH AP26078371A

