

| 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 | |

Ca

ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1032298
REG. NO: N729TG
WORK ORDER: 200489



Clear Star Aviation
Repair Station No. 5CSR009B

DATE: 2/1/2017
A/C TSN: 194.9
ENG TT: 194.9
TACH: 194.9

Engine Entries

The oil and filter was changed and serviced with 8 quarts of Exxon Elite 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories..Removed and replaced oil pressure sensor P/N 12635-004.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 2/1/2017

SIGNED:

Work Order: 200489

Longaker, Doug
Certified Repair Station No. 5CSR009B

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ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1032298
REG. NO: N729TG
WORK ORDER: 200634



Clear Star Aviation
Repair Station No. 5CSR009B

DATE: 5/17/2017
A/C TSN: 260.9
ENG TT: 260.9
TACH: 260.9

Engine Entries

Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30..The cylinder compression was checked with the following results: #1, 74/80 #2, 68/80 #3, 74/80 #4, 72/80 #5, 68/80 #6, 76/80 psi. Master orifice 42/80..The oil and filter was changed and serviced with 8 quarts of Exxon Elite and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories..Inspected the turbo system in accordance with the instructions for continued airworthiness..Timed LH magneto to 24 degrees..Installed new o-ring P/N 630979-24 on starter drive adaptor IAW TSIO-550-K1B..Removed #5 cylinder assy P/N 658595A1 S/N AC16CA048 and installed new assy P/N 658595A1 S/N AC17CB394 IAW TSIO-550-K1B..Installed new rocker cover gaskets p/n 655705..Cleaned the fuel injector nozzles and reinstalled using new seals as required.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 5/17/2017

SIGNED:

Work Order: 200634

Longaker, Doug
Certified Repair Station No. 5CSR009B

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ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1032298
REG. NO: N729TG
WORK ORDER: 200743

Clear Star Aviation
Repair Station No. 5CSR009B

DATE: 7/28/2017
A/C TSN: 313.1
ENG TT: 313.1
TACH: 313.1

Engine Entries

The oil and filter was changed and serviced with 8 quarts of Exxon Elite 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 7/28/2017

SIGNED:

Work Order: 200743

Longaker, Doug
Certified Repair Station No. 5CSR009B

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

ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1032298
REG. NO: N729TG
WORK ORDER: 200763

Clear Star Aviation
Repair Station No. 5CSR009B

DATE: 10/17/2017
A/C TSN: 334.3
ENG TT: 334.3
TACH: 334.3

Engine Entries

Installed engine after teardown inspection by continental motors. Model number:TSIO-550-K(1) Serial number:1032298.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 10/17/2017

SIGNED: [Signature]

Work Order: 200763

Longaker, Doug
Certified Repair Station No. 5CSR009B

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ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1032298
REG. NO: N729TG
WORK ORDER: 200900

Clear Star Aviation
Repair Station No. 5CSR009B

DATE: 11/17/2017
A/C TSN: 368.5
ENG TT: 368.5
TACH: 368.5

Engine Entries

The oil and filter was changed and serviced with 8 quarts of EXXON ELITE 20W-50 and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 11/17/2017

SIGNED: [Signature]

Work Order: 200900

Longaker, Doug
Certified Repair Station No. 5CSR009B

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ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1032298
REG. NO: N729TG
WORK ORDER: 200984

Clear Star Aviation
Repair Station No. 5CSR009B

DATE: 1/18/2018
A/C TSN: 445.9
ENG TT: 445.9
TACH: 445.9

Engine Entries

The oil and filter was changed and serviced with 8 quarts of Exxon Elite 20W50 and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 1/18/2018

SIGNED: [Signature]

Work Order: 200984

Longaker, Doug
Certified Repair Station No. 5CSR009B

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ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1032298
REG. NO: N729TG
WORK ORDER: 201123

Clear Star Aviation
Repair Station No. 5CSR009B

DATE: 4/12/2018
A/C TSN: 518.6
ENG TT: 518.6
TACH: 518.6

Engine Entries

The oil and filter was changed and serviced with 7 quarts of Exxon Aviation Elite 20W-50 and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 4/12/2018

SIGNED: [Signature]

Work Order: 201123

Longaker, Doug
Certified Repair Station No. 5CSR009B

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| 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 →

ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1032298
REG. NO: N729TG
WORK ORDER: 201157

Clear Star Aviation
Repair Station No. 5CSR009B

DATE: 6/6/2018
A/C TSN: 582.5
ENG TT: 582.5
TACH: 582.5

Engine Entries

Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. The cylinder compression was checked with the following results: #1, 64/80 #2, 62/80 #3, 58/80 #4, 66/80 #5, 56/80 #6, 68/80 psi. Master orifice 42/80. The oil and filter was changed and serviced with 7 quarts of Exxon Elite 20W-50 and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories. Inspected the turbo system in accordance with the instructions for continued airworthiness. Installed all new spark plugs P/N URHB32E and new copper gaskets. Torqued spark plugs to 30 ft lbs. Magneto timing corrected to L/H 24.6° and R/H 24.3° BTC. Installed new rocker cover gaskets on all cylinders. P/N 655705. Leak check good. Installed new Induction air Filters P/N 27166-001. Per SR22 T MM 76-60 pg 14 part G. Installed new wastegate controller O-rings. P/N 630979-15 P/N 630979-16. Per TSIO-550-K MM 17-11.2. Wastegate Controller Hose Installation. Trouble shot Cyl #2 EGT prob. Found low temp reading. Installed new Cyl #2 EGT prob. P/N 24585-001. Per SR22T CMM 77-20 page 9

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with a 100HR/Annual inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 6/6/2018

SIGNED: _____

Work Order: 201157

Johnson, Jacob
Certified Repair Station No. 5CSR009B

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ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1032298
REG. NO: N729TG
WORK ORDER: 201260

Clear Star Aviation
Repair Station No. 5CSR009B

DATE: 7/18/2018
A/C TSN: 612.7
ENG TT: 612.7
TACH: 612.7

Engine Entries

Adjusted RPM to 2500, Manifold Pres to 36.5, Fuel flow to 41 GPH. All work done IAW Cirrus AMM 5-30. The oil and filter was changed and serviced with 8 quarts of Exxon Elite 20W-50 and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories. Ref Cirrus SR22T AMM 12-10

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 7/18/2018

SIGNED: _____

Work Order: 201260

Johnson, Jacob
Certified Repair Station No. 5CSR009B

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