

ENGINE LOG BOOK



Service, Inc.

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 bulletins 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
1-251-438-8299 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:
Mattituck Services
410 Airway Drive
Mattituck, NY 11952 USA

Discrepancy
Perform 100 HR insj

Corrective Action
Inspected this Engir
filter and cut open n
with 8 qts of Phillips
orifice 43

Inspection Informat
Final Inspection: R
Function Check: R

Qty Unit
6 EA
7 EA

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



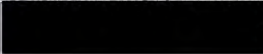
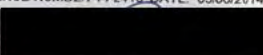
Continental Motors, Inc.

Production Certificate 508

Printed: 12/12/2013

Test Date: 12/11/2013

This engine model TSI0550K1B, serial number 1009583
was manufactured by Continental Motors in accordance with
approved design data and the applicable requirements of Part
21 of the Federal Aviation Regulation. The approved design
data for this engine incorporates all changes required by
applicable Airworthiness Directives and Continental Motors
Service Bulletins.

Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
			  14299 SW 127th St, Suite 101 Miami, Florida 33186 Ph: 305-259-8291 Fx: 305-259-8302
			Date: 4/07/2014; Aircraft: N773GB; Type: Cirrus SR22T; S/N: 0702; Total Time: 23.60; Engine - Type: TSIO550K1B, S/N: 1006583, Time: 23.60 1) Performed 25 Hr Demo Inspection IAW The Cirrus SR22T Maintenance Manual 2) Drained Oil, Replaced Filter Element, Inspected Old Filter Element For Metal, None Noted, Serviced Engine With Phillips 20W50 Mineral Oil, Leak Check OK THE ENGINE 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 OF THE REPAIR ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER 14-2389 DATE: 04/07/2014 SIGNATURE OF AUTHORIZED REPRESENTATIVE:  FOR: ADVANCED AIRCRAFT CENTER, INC. PETER J. LO BELLO
			  14299 SW 127th St, Suite 101 Miami, Florida 33186 Ph: 305-259-8291 Fx: 305-259-8302
			Date: 5/06/2014; Aircraft: N773GB; Type: Cirrus SR22T; S/N: 0702; Total Time: 45.10; Engine - Type: TSIO550K1B, S/N: 1009583, Time: 45.10 1) PERFORMED 50 HR INSPECTION, PER CIRRUS DEMO INSPECTION GUIDE LINE 2) DRAINED OIL, REPLACED FILTER ELEMENT, INSPECT OLD FILTER ELEMENT FOR METAL, NONE NOTED, SERVICED ENGINE WITH PHILLIPS 20W50 OIL, LEAK CHECK OK THE ENGINE 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 OF THE REPAIR ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER 14-2413 DATE: 05/06/2014 SIGNATURE OF AUTHORIZED REPRESENTATIVE:  FOR: ADVANCED AIRCRAFT CENTER, INC. PETER J. LO BELLO
			  14299 SW 127th St, Suite 101 Miami, Florida 33186 Ph: 305-259-8291 Fx: 305-259-8302
			Date: 7/15/2014; Aircraft: N773GB; Type: Cirrus SR22T; Total Time: 87.80; Engine - Type: TSIO550K1B, S/N: 1009583, Time: 87.80 1) PERFORMED ANNUAL/100 HR INSPECTION. 2) PERFORMED COMPRESSION CHECK : #1 72/80, #2 74/80, #3 74/80, #4 75/80, #5 72/80, #6 72/80. 3) DRAINED OIL, REPLACED FILTER ELEMENT , INSPECTED OLD FILTER ELEMENT FOR METAL, NONE NOTED, SERVICED ENGINE WITH PHILLIPS 20W50 OIL, LEAK CHECK OK. 4) CLEANED AND GAPPED ALL SPARK PLUGS. THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION UNDER FAR 43 APPENDIX "D" ANNUAL/100 HOUR INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. ALL APPLICABLE AD'S HAVE BEEN REVIEWED AND UPDATED; PERTINENT DETAILS OF THE REPAIR ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER 14-2495 DATE: 07/15/2014 SIGNATURE OF AUTHORIZED REPRESENTATIVE:  FOR: ADVANCED AIRCRAFT CENTER, INC. PETER J. LO BELLO

Viewed or Printed On: August 08, 2014 12:19PM Adam Aho

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

Ca

ENGINE MODEL
TSIO550K
ENGINE S/N: 1009583
REG NO N773GB
WORK ORDER
16267-07-2014



Cirrus Design Factory Service Center

Repair Station No YD5R855Y
4901 Airport Road
Duluth, MN 55811
Phone: 218-788-3438

DATE: 8/11/2014
A/C TSN: 101 2
ENG TT: 101 2
FLIGHTTIME: 101 2

Engine Entries

(15) Replaced A/C drive seal (P/N 25012) and associated gaskets IAW CMI MM M-18. Leak check satisfactory.

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 this work order are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 8/11/2014

SIGNED:

Tim O'Reilly
Certified Repair Station No YD5R855Y

Work Order: 16267-07-2014

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Advanced Aircraft **Beechcraft**
Piper
14299 SW 127th St, Suite 101
Miami, Florida 33186
Ph: 305-259-8291 Fx: 305-259-8302

Date: 10/10/2014; Aircraft: N773GB; Type: Cirrus SR22T; S/N: 0702; Total Time: 128.50; Engine - Type: TSIO550K1B, S/N: 1009583, Time: 128.50

- 1) Performed Cirrus 50 Hr Demo Inspection IAW The Cirrus SR22T Maintenance Manual
- 2) Drained Oil, Replaced Filter Element, Inspected Old Filter Element For Metal, None Noted, Serviced Engine With Phillips 20W50 Oil, Leak Check OK

THE ENGINE 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 OF THE REPAIR ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER 14-2592 DATE: 10/10/2014
SIGNATURE OF AUTHORIZED REPRESENTATIVE:

FOR: ADVANCED AIRCRAFT CENTER, INC. PETER J. LO BELLO

ENGINE MODEL:
TSIO550K
ENGINE S/N:
REG NO: 773GB
WORK ORDER:
0183-01-2015

East Coast Aviation Service, Inc.

2590 SE Aviation Way
Ste 102
Stuart, FL 34996
Phone: 772 781 0610

DATE: 1/8/2015
A/C TSN: 174.2
ENG TT:
TSMOH:
FLIGHTTIME: 174.2

Engine Entries

- (1) Oil drained and oil sample taken, removed oil filter and cut open no discrepancies noted installed new filter Tempest P/N AA48108-2 serviced engine with 8 quarts of Phillips 20W-50 oil, engine cleaned and operational check performed.... (3) Adjusted FF to 40 GPH IAW CDC AMM 73-20.... (4) Secured fitting on oil cross pipe adapter under oil pressure sensor IAW CDC AMM 79-30.

The aircraft and/or component(s) on 773GB was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0183-01-2015

DATE: 1/8/2015

SIGNED:

Richard John Epler,

Work Order: 0183-01-2015

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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: TSIO550K ENGINE S/N: 1009583 REG. NO: 773GB WORK ORDER: 0262-04-2015 East Coast Aviation Service, Inc. Repair Station No. FAA CRS 9ESR403B 2580 SE Aviation Way Ste 102 Stuart, FL 34996 Phone: 772 781 0610 DATE: 5/8/2015 A/C TSN: 209.3 ENG TT: 209.3 TSMOH: HOBBS: 275.3					
Engine Entries (6) Oil Drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 8 qts of Phillips X/C 20W-50, engine cleaned and operational check performed. no discrepancies noted. The aircraft and/or component(s) on 773GB was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0262-04-2015"					
DATE: 5/8/2015 SIGNED: [Signature] Work Order: 0262-04-2015 Richard John Epler Printed by EBis 3 (datcomedia.com) Certified Repair Station No. FAA CRS 9ESR403B					
ENGINE MODEL: TSIO550K ENGINE S/N: 1009583 REG. NO: 773GB WORK ORDER: 0383-08-2015 East Coast Aviation Service, Inc. Repair Station No. FAA CRS 9ESR403B 2580 SE Aviation Way Ste 102 Stuart, FL 34996 Phone: 772 781 0610 DATE: 9/15/2015 A/C TSN: 275.5 ENG TT: 275.5 TSMOH: HOBBS: 358.2					
Engine Entries (2) Inspected this Engine in accordance with FAR 43 Appendix D, oil drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 8 qts of Phillips 20W-50 X/C, compression checked as follows 1.62 2.76 3.76 4.75 5.70 6.78/80 master orifice 43... (8) Adjusted idle and mixture rise IAW CDC AMM... (11) Secured oil cooler seal with RTV... (12) Isolated left side inner cooler scab tubing from MAP controller with RTV... (13) Lubricated seized alternate air door... (14) Timed magnetos to 24 deg. BTC IAW CMI and CDC AMM... (15) Isolated right magneto harness from chaffing against #1 cylinder injector clip... (22) Repositioned right side turbo heat shield and isolated from housing with RTV... (27) Installed new Tempest URHB32E spark plugs. Engine cleaned and operational check performed, checked and found all AD's to have been C/W thru this date, I certify this engine to have been inspected in accordance with a 100HR/Annual inspection and was determined to be in a airworthy condition. The aircraft and/or component(s) on 773GB was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0383-08-2015"					
DATE: 9/15/2015 SIGNED: [Signature] Work Order: 0383-08-2015 Richard John Epler Printed by EBis 3 (datcomedia.com) Certified Repair Station No. FAA CRS 9ESR403B					
ENGINE MODEL: TSIO550K (1) ENGINE S/N: 1009583 REG. NO: 773GB WORK ORDER: 0662-08-2016 East Coast Aviation Service, Inc. Repair Station No. FAA CRS 9ESR403B 2580 SE Aviation Way Ste 102 Stuart, FL 34996 Phone: 772 781 0610 DATE: 12/15/2016 A/C TSN: 360.8 ENG TT: 360.8 TSMOH: HOBBS: 467.1					
Engine Entries (2) Inspected this Engine in accordance with FAR 43 Appendix D, Oil Drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 8 qts of Phillips X/C 20W-50, compression checked as follows 1.60 2.72 3.75 4.74 5.50 6.76/80 master orifice 43... (10) Replaced all rocker cover gaskets with P/N 655705... (13) Verified torque on case half bolt below A/C compressor... (20) Replaced left mag with P/N 10-500555-101 S/N D16EA291... (49) C/W SB2X-79-04 Improved Installation of Oil Pressure Sensor using kit P/N 70551-001... (55) C/W AD 2016-21-04 Continental motors oil cooler cross fitting C/W by removing cross fitting and complying with SB 2X-79-04, engine cleaned and operational check performed, checked and found all AD's to have been C/W thru this date, I certify this aircraft to have been inspected in accordance with a 100HR/Annual inspection and was determined to be in a airworthy condition. The aircraft and/or component(s) on 773GB was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0662-08-2016"					
DATE: 12/15/2016 SIGNED: [Signature] Work Order: 0662-08-2016 Richard John Epler Printed by EBis 3 (datcomedia.com) Certified Repair Station No. FAA CRS 9ESR403B					

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:
TSIO550K (1)
ENGINE S/N: 1009583
REG NO: 773GB
WORK ORDER:
0832-04-2017

East Coast Aviation Service, Inc.

Repair Station No. FAACRS 9ESR403B
2580 SE Aviation Way
Ste 102
Stuart, FL 34996
Phone: 772 781 0610

DATE: 4/21/2017
A/C TSN: 366.1
ENG TT: 366.1
TSMOH:
HOBBS: 475.7

Engine Entries

(1) Inspected this engine in accordance with FAR 43 Appendix D, oil sample taken, cut oil filter open no contamination noted, oil not due at this time, compression checked as follows, 1:70 2:74 3:78 4:78 5:20 6:76/80... (2) Bore scoped cylinders found oil, scoring and deposits in #5 cylinder... (6) Replaced #5 cylinder with new cylinder P/N 658595A3 S/N AC17AB774 from Continental Motors Inc under work order 577551 dated MAR/07/2017, engine cleaned and operational check performed, checked and found all AD's to have been C/W thru this date, i certify this engine to have been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

The aircraft and/or component(s) on 773GB was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0832-04-2017"

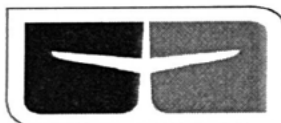
DATE: 4/21/2017

SIGNED

Richard John Epler
Certified Repair Station No. FAA CRS 9ESR403B

Work Order: 0832-04-2017

Printed by EBis 3 (datcomedia.com)



CARVER AERO, Inc.

Municipal Airport
Davenport, IA 52806

FAA Approved Repair Station No. VRXR118L

5/26/2017 Hobbs: 488.3 Total Time: 488.3 SR22T

N773GB

TSIO550K1B TSN:488.3

Removed starter p/n 657596 s/n 4C3-441311 and installed starter s/n 4C3-381606

Ops checked good.

Reinstalled cowlings and run up engine.

See Carver Aero w/o# 207729 for details.

CRS# VRXR118L

ENGINE MODEL:
TSIO550K1B
ENGINE S/N: 1009583
REG NO: N773GB
WORK ORDER:
3707-06-2017

Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-828-9393

DATE: 6/14/2017
A/C TSN: 392.6
ENG TT: 392.6
HOBBS: 392.6

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 6/14/2017

SIGNED

Wm. Haven Hick

Work Order: 3707-06-2017

Printed by EBis 3 (datcomedia.com)

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: 1009583 REG NO: N773GB WORK ORDER: 3785-07-2017				Classic Aviation, Inc. 501 W 15th St Pella, IA 50219 Phone: 641-628-9393	
DATE: 7/24/2017 A/C TSN: 425.3 ENG TT: 425.3 HOBBS: 425.3					
Engine Entries (1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.					
DATE: 7/24/2017		SIGNED: 		Work Order: 3785-07-2017 Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1009583 REG NO: N773GB WORK ORDER: 3806-08-2017				Classic Aviation, Inc. 501 W 15th St Pella, IA 50219 Phone: 641-628-9393	
DATE: 8/10/2017 A/C TSN: 440.7 ENG TT: 440.7 HOBBS: 440.7					
Engine Entries (2) Removed propeller, forward baffling, and alternator #2 drive belt. Installed new crankshaft oil seal P/N 641250 in accordance with TCM M-18 (pg. 10-81) with Loctite 7649 primer and P/N 646942 gasket maker. Installed forward baffling and re-tensioned alternator #2 drive belt in accordance with Cirrus SR22T AMM 24-30. Installed new o-ring P/N 50977-001 on propeller. Reinstalled propeller in accordance with Cirrus SR22T AMM 61-10. Performed leak check, no leaks noted at this time.					
DATE: 8/10/2017		SIGNED: 		Work Order: 3806-08-2017 Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1009583 REG NO: N773GB WORK ORDER: 3894-09-2017				Classic Aviation, Inc. 501 W 15th St Pella, IA 50219 Phone: 641-628-9393	
DATE: 9/21/2017 A/C TSN: 472.2 ENG TT: 472.2 HOBBS: 472.2					
Engine Entries (1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.					
DATE: 9/21/2017		SIGNED: 		Work Order: 3894-09-2017 Printed by EBis 3 (datcomedia.com)	
ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1009583 REG NO: N773GB WORK ORDER: 4068-01-2018				Classic Aviation, Inc. 501 W 15th St Pella, IA 50219 Phone: 641-628-9393	
DATE: 1/17/2018 A/C TSN: 489.5 ENG TT: 489.5 HOBBS: 489.5					
Engine Entries (2) Complied with an Annual Inspection (Engine) in accordance with CFR 14 part 43, appendix (D) and Cirrus Maintenance Manual CH 05-20 and performed Operational Inspection per CH 05-30. Performed a Differential Compression Check as follows: #1-51/80, #2-72/80, #3-73/80, #4-73/80, #5-72/80, #6-72/80. Master Orifice, 42/80. Checked Magneto Timing, Cleaned, Gapped, Tested and Rotated Spark Plugs reinstalling with 12 ea. M-674 Gaskets. Inspected Intake and Exhaust System with no defects noted. Cleaned Fuel Injector Nozzles reinstalling with new Gaskets and Seals. Performed Fuel System Setup in accordance Cirrus Maintenance Manual Ch 73-20 pg. 5 thru 8. Researched AD'S and updated AD Listing in Aircraft Records. Refer to AD Listing dated 16 Jan. 2018 for current AD status.... (4) Changed Oil and Filter a new Champion CH48108-1 Oil Filter and Serviced Engine with 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (18) Installed new P/N 652436-1 Clamp on cylinder #5 Fuel Injector line.					
I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.					
DATE: 1/17/2018		SIGNED: 		Work Order: 4068-01-2018 Printed by EBis 3 (datcomedia.com)	

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

ENGINE MODEL: TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER: 4173-03-2018



Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 3/21/2018
A/C TSN: 535.4
ENG TT: 535.4
HOBBS: 535.4

Engine Entries
(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 3/21/2018 SIGNED: [Signature] Jeff Claypool

Work Order: 4173-03-2018
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER: 4412-08-2018



Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 8/10/2018
A/C TSN: 576.7
ENG TT: 576.7
HOBBS: 576.7

Engine Entries
(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 8/10/2018 SIGNED: [Signature] Trevor Nikkel

Work Order: 4412-08-2018
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER: 4605-11-2018



Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 11/21/2018
A/C TSN: 619.3
ENG TT: 619.3
HOBBS: 619.3

Engine Entries
(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 11/21/2018 SIGNED: [Signature] Micheal J. Lossner

Work Order: 4605-11-2018
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER: 4687-01-2019



Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 2/11/2019
A/C TSN: 661.9
ENG TT: 661.9
HOBBS: 661.9

Engine Entries
(2) Annual Inspection in accordance with CFR 14 part 43, appendix (D) and Cirrus Maintenance Manual CH 05-20 and performed Operational Inspection per CH 05-30. Performed a Differential Compression Check as follows: #1-74/80 (after cylinder repair), #2-70/80, #3-62/80, #4-70/80, #5-65/80, #6-63/80. Checked Magneto Timing, Cleaned, Gapped, Tested and Rotated Spark Plugs reinstalling with 12 ea. M-674 Gaskets. Inspected Intake and Exhaust System with no defects noted. Cleaned Fuel Injector Nozzles Updated AD Listing in Aircraft Records.... (4) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (11) Removed left magneto P/N 10-500556-101 (S/N D16EA291) and right magneto P/N 10-500556-101 (S/N D13KA269). Installed left magneto P/N 10-500556-101 (S/N D16EA291) and right magneto P/N 10-500556-101 (S/N D13KA269) with new base and harness gaskets, after 500 hour inspection and repair by Poplar Grove Airmotive, Inc. under their work order #9839 dated 21-Jan-2019. Set magneto to engine timing to 24 degrees BTDC. Operation and leak check satisfactory.... (12) Removed cylinder #1 and sent to Poplar Grove Airmotive, Inc. for repair. Reinstalled cylinder #1, in accordance with Continental M-18 ch. 17, after repair by Poplar Grove Airmotive, Inc. under their work order #9909 dated 01/21/19. Checked dry valve lash clearance and determined to be within limits. Operation and leak check satisfactory.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 2/11/2019 SIGNED: [Signature] Wm. Haven Hick

Work Order: 4687-01-2019
Printed by EBis 3 (datcomedia.com)

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

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
4925-07-2019

Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 7/9/2019
A/C TSN: 715.2
ENG TT: 715.2
HOBBS: 715.2

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 7/9/2019

SIGNED:
Jeff Claypool

Work Order: 4925-07-2019
Printed by EBis 3 (datamedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
5003-08-2019



Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 8/21/2019
A/C TSN: 767.8
ENG TT: 767.8
HOBBS: 767.8

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 8/21/2019

SIGNED:
Kurtis Doty

Work Order: 5003-08-2019
Printed by EBis 3 (datamedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
5215-01-2020



Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 1/31/2020
A/C TSN: 802.5
ENG TT: 802.5
HOBBS: 802.5

Engine Entries

(2) Annual Inspection. Compression check #1 74/80, #2 64/80, #3 52/80, #4 71/80, #5 72/80, #6 53/80, Master Orifice 46/80. Inspected intake and exhaust systems. Cleaned all fuel injectors and reinstalled with new seals. Adjusted fuel injection system in accordance with Continental TSIO550K Maintenance and Overhaul Manual M-18 Chapter 6, Cirrus SR22T Maintenance Manual and Continental Standard Practice Maintenance Manual Chapter 6. Checked all applicable AD's and updated list in aircraft records.... (5) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (15) Installed all new spark plugs, P/N URHB32E with new gaskets.... (16) Reset Both Magneto to Engine Timing to 24 degrees.... (18) Replaced rubber seal on left the upper deck line, P/N 633958-5.... (19) Installed new rocker cover gaskets, P/N 658735. Ran engine to check for leaks, with no leaks noted at this time.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 1/31/2020

SIGNED:
Wm. Haven Hick

Work Order: 5215-01-2020
Printed by EBis 3 (datamedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
5450-07-2020



Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 7/16/2020
A/C TSN: 855
ENG TT: 855
HOBBS: 855

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 7/16/2020

SIGNED:
Wm. Haven Hick

Work Order: 5450-07-2020
Printed by EBis 3 (datamedia.com)

Viewed or Printed On: August 09, 2017 14:10:01

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1009583 REG. NO. N773GB WORK ORDER: 4925-07-2019 Classic Aviation, Inc. 501 W 15th St Pella, IA 50219 Phone: 641-628-9393 DATE: 7/9/2019 A/C TSN: 715.2 ENG TT: 715.2 HOBBS: 715.2					
Engine Entries (1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.					
DATE: 7/9/2019 SIGNED: [Signature] Work Order: 4925-07-2019 Jeff Claypoole Printed by EBis 3 (datcomedia.com)					
ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1009583 REG. NO. N773GB WORK ORDER: 5003-08-2019 Classic Aviation, Inc. 501 W 15th St Pella, IA 50219 Phone: 641-628-9393 DATE: 8/21/2019 A/C TSN: 767.8 ENG TT: 707.0 HOBBS: 767.8					
Engine Entries (1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.					
DATE: 8/21/2019 SIGNED: [Signature] Work Order: 5003-08-2019 Kurtis Doty Printed by EBis 3 (datcomedia.com)					
ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1009583 REG. NO. N773GB WORK ORDER: 5215-01-2020 Classic Aviation, Inc. 501 W 15th St Pella, IA 50219 Phone: 641-628-9393 DATE: 1/31/2020 A/C TSN: 802.5 ENG TT: 802.5 HOBBS: 802.5					
Engine Entries (2) Annual inspection. Compression check #1 74/80, #2 64/80, #3 52/80, #4 71/80, #5 72/80, #6 53/80, Master Orifice 46/80. Inspected intake and exhaust systems. Cleaned all fuel injectors and reinstalled with new seals. Adjusted fuel injection system in accordance with Continental TSIO550K Maintenance and Overhaul Manual M-18 Chapter 6, Cirrus SR22T Maintenance Manual and Continental Standard Practice Maintenance Manual Chapter 6. Checked all applicable AD's and updated list in aircraft records.... (5) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (15) Installed all new spark plugs, P/N URHB32E with new gaskets.... (16) Reset Both Magneto to Engine Timing to 24 degrees.... (18) Replaced rubber seal on left the upper deck line, P/N 633958-5.... (19) Installed new rocker cover gaskets, P/N 058735. Ran engine to check for leaks, with no leaks noted at this time. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition					
DATE: 1/31/2020 SIGNED: [Signature] Work Order: 5215-01-2020 Wm. Haven Hick, Printed by EBis 3 (datcomedia.com)					
ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1009583 REG. NO. N773GB WORK ORDER: 5450-07-2020 Classic Aviation, Inc. 501 W 15th St Pella, IA 50219 Phone: 641-628-9393 DATE: 7/16/2020 A/C TSN: 855 ENG TT: 855 HOBBS: 855					
Engine Entries (1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.					
DATE: 7/16/2020 SIGNED: [Signature] Work Order: 5450-07-2020 Wm. Haven Hick, Printed by EBis 3 (datcomedia.com)					

Viewed or Printed On: August 09, 2019 12:13 PM

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

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
5700-12-2020



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 12/21/2020
A/C TSN: 901.5
ENG TT: 901.5
HOBBS: 901.5

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 12/21/2020

SIGNED:

Kevin Creamer

Work Order: 5700-12-2020

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
5751-02-2021



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 2/26/2021
A/C TSN: 920.8
ENG TT: 920.8
HOBBS: 920.8

Engine Entries

(2) Annual inspection. Compression check #1 73/80, #2 64/80, #3 72/80 (after repair), #4 63/80, #5 73/80 (after repair), #6 77/80 (after repair). Inspected intake and exhaust systems. Cleaned all fuel injectors and reinstalled with new seals. Cleaned, gapped and rotated spark plugs and reinstalled with new M-674 gaskets. Adjusted fuel injection system in accordance with Continental TSIO550K Maintenance and Overhaul Manual M-18 Chapter 6, Cirrus SR22T Maintenance Manual and Continental Standard Practice Maintenance Manual Chapter 6. Checked all applicable AD's and updated list in aircraft records.... (5) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips 20/50 type M oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (13) Removed and reinstalled Cylinder #3 S/N: AC13JA557, Cylinder #5 S/N: AC17AB774, Cylinder #6 S/N: AC13HB874 after repair by Poplar Grove Airmotive, Inc. under their aid in the removal of CYL #6, reinstalled with a new gasket P/N: MS9144-01. Replaced worn EGT probe on CYL #2 and CYL #1 P/N: 24585-001. Ran engine to check for leaks, with no leaks noted at this time.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 2/26/2021

SIGNED:

Wm. Haven Hick

Work Order: 5751-02-2021

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
5887-05-2021



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 5/4/2021
A/C TSN: 953.6
ENG TT: 953.6
HOBBS: 953.6

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 5/4/2021

SIGNED:

Kevin Creamer

Work Order: 5887-05-2021

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
6107-09-2021



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 9/1/2021
A/C TSN: 991.3
ENG TT: 991.3
HOBBS: 991.3

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 9/1/2021

SIGNED:

Kevin Creamer

Work Order: 6107-09-2021

Printed by EBis 3 (datcomedia.com)

Ground seats and valves
Honed bore
Fit and installed new rings and
existing piston
Repaired IAW Manual # M-18

END

Ground seats and valves
Honed bore
Fit and installed new rings and
existing piston

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-K1B
ENGINE S/N: 1009583
REG. NO. N773GB
WORK ORDER: 5700-12-2020

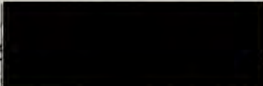


Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 12/21/2020
A/C TSN: 901.5
ENG TT: 901.5
HOBBS: 901.5

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 12/21/2020 SIGNED: 
Kevin Creamer

Work Order: 5700-12-2020
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO. N773GB
WORK ORDER: 5751-02-2021



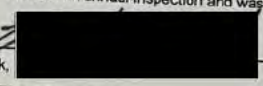
Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 2/26/2021
A/C TSN: 920.8
ENG TT: 920.8
HOBBS: 920.8

Engine Entries

(2) Annual Inspection. Compression check #1 73/80, #2 64/80, #3 72/80 (after repair), #4 63/80, #5 73/80 (after repair), #6 77/80 (after repair). Inspected intake and exhaust systems. Cleaned all fuel injectors and reinstalled with new seals. Cleaned, gapped and rotated spark plugs and reinstalled with new M-674 gaskets. Adjusted fuel injection system in accordance with Continental TSIO550K Maintenance and Overhaul Manual M-18 Chapter 6, Cirrus SR22T Maintenance Manual and Continental Standard Practice Maintenance Manual Chapter 6. Checked all applicable AD's and updated list in aircraft records.... (5) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips 20/50 type M oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (13) Removed and reinstalled Cylinder #3 S/N: AC13JA557, Cylinder #5 S/N: AC17AB774, Cylinder #6 S/N: AC13HB874 after repair by Poplar Grove Airmotive, Inc. under their aid in the removal of CYL #6, reinstalled with a new gasket P/N: MS9144-01 Replaced worn EGT probe on CYL #2 and CYL #1 P/N: 24585-001. Ran engine to check for leaks, with no leaks noted at this time.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 2/26/2021 SIGNED: 
Wm. Haven Hick

Work Order: 5751-02-2021
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO. N773GB
WORK ORDER: 5887-05-2021

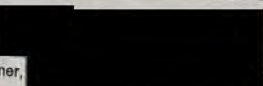


Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 5/4/2021
A/C TSN: 953.6
ENG TT: 953.6
HOBBS: 953.6

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 5/4/2021 SIGNED: 
Kevin Creamer

Work Order: 5887-05-2021
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO. N773GB
WORK ORDER: 6107-09-2021



Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 9/1/2021
A/C TSN: 991.3
ENG TT: 991.3
HOBBS: 991.3

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 9/1/2021 SIGNED: 
Kevin Creamer

Work Order: 6107-09-2021
Printed by EBis 3 (datcomedia.com)

Total Time

Time Since Last
Overhaul

Engine Service and Maintenance Record

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
6360-02-2022



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 2/22/2022
A/C TSN: 1039.4
ENG TT: 1039.4
HOBBS: 1039.4

Carried

Engine Entries

(2) Annual Inspection. Compression check #1 64/80, #2 48/80, #3 76/80, #4 68/80, #5 76/80, #6 70/80, master orifice 41/80. Inspected intake and exhaust systems. Cleaned all fuel injectors and reinstalled with new seals. Cleaned, gapped and rotated spark plugs and reinstalled with new M-674 gaskets. Adjusted fuel injection system in accordance with Continental TSIO550K Maintenance and Overhaul Manual M-18 Chapter 6, Cirrus SR22T Maintenance Manual and Continental Standard Practice Maintenance Manual Chapter 6. Checked all applicable AD's and updated list in aircraft records.... (5) Changed oil and filter with new CH40108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (14) Removed left magneto turned magneto drive gear 1 tooth clockwise reinstalled magneto with new gasket P/N- 649954 and timed left magneto to the proper degree of timing.... (15) Replaced #4 top spark plug with new Tempest spark plug P/N URH332E.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 2/22/2022

SIGNED:

Wm. Haven Hick

Work Order: 6360-02-2022

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
6537-06-2022



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 6/30/2022
A/C TSN: 1062.7
ENG TT: 1062.7
HOBBS: 1062.7

Engine Entries

(1) Changed oil and filter with new AA48109 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 6/30/2022

SIGNED:

Kurtis Doty

Work Order: 6537-06-2022

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
6733-12-2022



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 12/5/2022
A/C TSN: 1110.1
ENG TT: 1110.1
HOBBS: 1110.1

Engine Entries

(1) Changed oil and filter with new AA48108-2 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 12/5/2022

SIGNED:

Kurtis Doty

Work Order: 6733-12-2022

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
6803-02-2023



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 3/10/2023
A/C TSN: 1135.2
ENG TT: 1135.2
HOBBS: 1135.2

Engine Entries

(2) Annual Inspection. Compression check #1 50/80, #2 55/80, #3 72/80, #4 66/80, #5 75/80, #6 75/80, Master Orifice 41/80. Performed borescope inspection of all cylinders with no defects noted at this time. Inspected intake and exhaust systems. Cleaned all fuel injectors and reinstalled with new seals. Cleaned, gapped and rotated spark plugs and reinstalled with new M-674 gaskets. Adjusted fuel injection system in accordance with Continental TSIO550K Maintenance and Overhaul Manual M-18 Chapter 6, Cirrus SR22T Maintenance Manual and Continental Standard Practice Maintenance Manual Chapter 6. Checked all applicable AD's and updated list in aircraft records.... (5) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (10) Removed starter P/N- C24ST3 and starter adapter P/N- 55302R. Installed rebuilt starter adapter P/N 55302R S/N- H-W111847 From Hartzell Engine Technologies see their work order# M525330 Installed with a new gasket P/N- 653470. Removed and reinstalled ground bus bar to aid in the removal of the starter adapter. Installed New Starter P/N- PM2407 S/N- H-W122075 Updated Weight and Balance.... (11) Adjusted left and right magnetos to 24 degrees BTDC.... (16) Removed A/C Compressor drive and drive pad housing. Replaced seal in A/C Compressor drive housing with new seal P/N 25102. Reinstalled drive pad and A/C Compressor drive with new gaskets P/N 654012 and P/N 653487. Performed leak check with no leaks noted at this time.... (17) Removed left exhaust and turbo assembly. Disassembled left exhaust assembly. Installed new left turbo exhaust transition P/N-658681 S/N- 049769-0004 with a new gasket P/N- 636465. Removed TIT Probe and reinstalled on new exhaust pipe. Reassembled left exhaust after cleaning and applying anti-seize to slip joints as needed. Reinstalled left exhaust and turbo assembly with new exhaust Gaskets P/N- 652458 on Cyl #2 & #4. Reinstalled same EGT probes as removed.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE: 3/10/2023

SIGNED:

Wm. Haven Hick

Work Order: 6803-02-2023

Printed by EBis 3 (datcomedia.com)

STD STL

#03
S/N: AC13JA577

SERVICEABLE (COMPONENTS)

Cyl Valve Assy

CAT

COMPONENT NAME

MFG. NAME

TSIO-550-K

PGA102189-1

MODEL or TYPE

SERIAL NO.

☒ REPAIRED ☐ OMALED ☒ TESTED ☒ INSPECTED

The aircraft 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 of the repair are on file at this repair station under:

OWNER: Classic Aviation

WORK ORDER No. 102189

DATE 02/22/2021

SIGNED FOR:

POPLAR GROVE AIRMOTIVE, INC.

11619 U. S. ROUTE 76
POPLAR GROVE, IL 61065

FAA Approved Repair Station #YYBR664L

DATE: 12/21/2020

S

Work Order: 5700-12-2020

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

REG. NO: N773GB
WORK ORDER:
5700-12-2020

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

ENG TT: 901.5
HOBBS: 901.5

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO: N773GB
WORK ORDER:
5887-05-2021



Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

Engine Entries

(1) Changed oil and filter with new CH48108-1 filter and 7 qts Phillips X/C 20/50 oil. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 5/4/2021
A/C TSN: 953.6
ENG TT: 953.6
HOBBS: 953.6

5751-02-2021
ilcomedia.com)

#6 77/80
d, gapped
tlenital
andard
d oil and
taminants,
/N:
under their
s removed to
id CYL#1

DATE: 2/26/2021
A/C TSN: 920.8
ENG TT: 920.8
HOBBS: 920.8

ilcomedia.com)

Work Order: 5887-05-2021

Carried

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1009583
REG. NO. N773CR

Classic Aviation, Inc.

4011 W. 15th St.

1. Approving Civil Aviation

Authority/Country

FAA/United States

4. Organization Name and Address:

Poplar Grove Airmotive, Inc

11619 Route 76

Poplar Grove, IL 61065

Location:

8. Part Number

Magneto

10-500556-101

CRS: YYB

1

STD STL

SERVICEABLE
(COMPONENTS)Cyl Valve Assy
COMPONENT NAME

CMI

MFG. NAME

TSIO-550-K

PGA9909

MODEL or TYPE

SERIAL NO.

☒ REPAIRED ☐ CHAILED ☒ TESTED ☒ INSPECTED

The aircraft 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 of the repair are on file at this repair station under:

OWNER: Classic Aviation Inc

9909

DATE 01/21/19

SIGNED FOR:

POPLAR GROVE AIRMOTIVE, INC.11619 U. S. ROUTE 76
POPLAR GROVE, IL 61065

FAA Approved Repair Station #YYBR664L

2. **AUTHORIZED RELEASE CERTIFICATE**

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

SECTION IN ACCORDANCE WITH MANUAL P/N XAC002-3
2-06 WEAR LESS THAN .014".

Constructed in conformity to:

14a ☒ 14CR 43.9 Return

Certifies that unless otherwise

and described in Block 12 was

of Federal Regulations, part 43

approved for return to service.

Condition for safe operation:

in Block 13

Approval Authorization Number:

Date (dd/mmm/yyyy)

14b. Name (print name):

ANDREW FAL

User/Installer Responsibilities

This document alone does not automatically constitute authority to install the aircraft or to perform maintenance with the national regulations of and airworthiness authority different than the airworthiness authority. The user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s) in Block 1. Statements in Blocks 13a and 14a do not constitute certification. In all cases, airworthiness authority must be in accordance with the national regulations by the user/installer before the aircraft may be returned to service.

CYL #5

S/N: AC17AB74

STD STL

SERVICEABLE

(COMPONENTS)

Cyl Valve Assy

CAT

COMPONENT NAME

MFG. NAME

TSIO-550-K

PGA102189-2

MODEL or TYPE

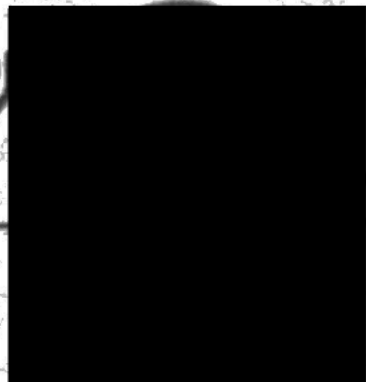
SERIAL NO.

☒ REPAIRED ☐ CHAULED ☒ TESTED ☒ INSPECTED

The aircraft 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 of the repair are on file at this repair station under:

OWNER: Classic Aviation

WO  102189 DATE 02/22/2021

SIGNED FOR:

POPLAR GROVE AIRMOTIVE, INC.

11619 U. S. ROUTE 76
POPLAR GROVE, IL 61065

FAA Approved Repair Station #YYBR664L

Complied with AD 2020-16-11

Ground seats and valves

Honed bore

Fit and installed new rings and
existing piston

Repaired IAW Manual # M-18

END

Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Authorized By Signed
2023-04-08 2/23/2023	To Prevent Departure of Counterweight and Retaining Hardware from the Crankshaft Assembly. The Unsafe Condition, if Not Addressed, Could Result in Loss of Engine Oil Pressure, Catastrophic Engine Damage, Engine Seizure, and Consequent Loss of the Aircraft	-- Hrs: -- C: --	Not applicable per engine and crankshaft serial number.	No	D: -- Hrs: -- C: --	Classic Aviation Inc [REDACTED] Wm. Haven Hick [REDACTED]
2023-02-12 2/17/2023	To Prevent Failure of the Engine Intake Valve. The Unsafe Condition, if Not Addressed, Could Result in Failure of the Engine, In-Flight Shutdown, and Loss of the Airplane	-- Hrs: -- C: --	Not applicable per affected intake valve is not installed.	No	D: -- Hrs: -- C: --	Classic Aviation Inc [REDACTED] Wm. Haven Hick [REDACTED]
2020-16-11 9/21/2020	To Prevent Failure of the Engine. If Not Addressed, Could Result in Failure of the Engine, In-Flight Shutdown, and Forced Landing	2/26/2021 Hrs: 920.8 C: --	Cylinder #5 complied with by Poplar Grove Airmotive during repair. All other cylinders are below applicable serial number range.	No	D: -- Hrs: -- C: --	[REDACTED] Wm. Haven Hick [REDACTED]
2016-21-04 11/18/2016	To prevent failure of the oil cooler cross fitting and engine, IFSD, and loss of the airplane	12/15/2016 Hrs: 360.8 C: --	Previously complied with by removing cross fitting and complying with Cirrus SB 2X-79-04.	No	D: -- Hrs: -- C: --	Classic Aviation Inc [REDACTED] Wm. Haven Hick [REDACTED]
2016-16-12 9/15/2016	To prevent failure of the cylinder assemblies, which could lead to failure of the engine, in-flight,contd.	-- Hrs: -- C: --	Not applicable to this Engine, STC is not incorporated.	No	D: -- Hrs: -- C: --	Classic Aviation Inc [REDACTED] Wm. Haven Hick [REDACTED]
2012-10-13 6/8/2012	To prevent starter adapter gear shaft failure which could cause oil scavenge pump failure and engine,contd.	-- Hrs: -- C: --	Not applicable per engine manufacture date.	No	D: -- Hrs: -- C: --	Classic Aviation Inc [REDACTED] Wm. Haven Hick [REDACTED]
2012-03-06 C 2/24/2012	To prevent an in-flight engine shutdown due to a failed fuel servo diaphragm, and damage to the airplane	-- Hrs: -- C: --	Not applicable per AVStar Fuel Systems, Inc. (AFS) fuel servo diaphragm not installed.	No	D: -- Hrs: -- C: --	Classic Aviation Inc [REDACTED] Wm. Haven Hick [REDACTED]
2010-11-04 6/16/2010	To prevent excessive hydraulic lifter wear, which can result in loss of engine power & loss of control of the airplane	-- Hrs: -- C: --	Not applicable per engine manufacture date and no lifters replaced.	No	D: -- Hrs: -- C: --	Classic Aviation Inc [REDACTED] Wm. Haven Hick [REDACTED]