

**ENGINE
LOG
BOOK**



Service Information

Consult TCM Internet Services at www.continental-aero.com for engine related news or announcements. TCM Internet Services contains useful information for TCM 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 TCM Customer Service Department at:
 1-800-826-5465 Toll free in the United States or
 1-251-438-8299 International

Engine Returns

Return engines for core credit with this log book to:
Teledyne Continental Motors
 2039 Broad Street
 Mobile, AL 36615 USA

Return engines for overhaul with this log book to:
Teledyne Mattiuck Services
 410 Airway Drive
 Mattiuck, NY 11952 USA

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



Continental Motors, Inc.

Production Certificate 508

Printed: 12/19/2011

Test Date: 12/16/2011

This engine model TS10550K1B, serial number 1004394 was manufactured by Teledyne 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 Teledyne Continental Motors Service Bulletins.

[Signature]

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
2/01/12	1	.7			Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Social Inspections, Modifications and Service Bulletins Engine Log Book Entry
					Date Feb 1, 2012 Engine Time 1.7 Hours
					Installed the Tanis Engine Preheater S/N 45780 IAW CDC Drawing Number 25029-002
					Inspector <i>[Signature]</i> Troy J. McDonald PC-338CE

ENGINE MODEL T5020BK ENGINE S/N: 10434M ICE: ICE-1001CA WORK CENTER 1400-02-0115	Cirrus Design Factory Service Center 4514 Paper Court Dallas, TX 75241 Phone: 214-386-3433	DATE: 2/16/11 S/N: 1004394 ENG: 10550K1B NSB: 1004394
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Engine Entries

(3) (FLT TIME: 18.4 Hrs.) Performed 50 Hour Engine Inspection in accordance with the manufacturer's approved instructions for Continued Airworthiness. Refer to TCM-ICA.

(7) Performed Visual Inspection of Engine Compartment for leaks IAW CDC 05-20, none found at this time.

(8) Changed engine oil and filter, Champion CH4830-1 Pin 5007-001. Serviced engine with 8 quarts of Phillips 200V-80 engine oil. Performed particulate inspection on jet filter, checked satisfactory. Performed operational and leak checks. Oil and leak checks good. All work was accomplished IAW Cirrus 5022 A.M.M. 12-10.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/replaced in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Particular details of repair are on file at the Certified Repair Station (CRS) YDR855Y.

DATE: 2/15/2012 SIGNED: *[Signature]* Work Order: 14886-02-2012
 Tim O'Reilly Certified Repair Station No: YDR855Y Printed by ESB 3 (www.esb.com)

WELLS AIRCRAFT, INC. 800 AIRPORT ROAD MUNICIPAL AIRPORT HUTCHINSON, KS 67501-1933 CRS NTR04H (620) 663-1546 www.wellnac.com	Date: 2-17-2012 Work Order: 57414 NSB/CA: SN-SRT 0275 Hobby Motor: 29.3 Flight Time: 22.3	ENGINE LOG CIRRUS AIRCRAFT
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Repaired manifold pressure reference line for waste gate controller. Removed defective fitting installation on end and reinstalled fitting. Pressure checked repaired line. Ground run aircraft, operations satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/replaced in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Particular details of repair are on file at the Certified Repair Station (CRS) NTR04H.

Authorized Signature: *[Signature]*
 Chad Kofen IA / CRS Release Authority

Engine Entries

Entered in Error

DATE: 2/17/12 SIGNED: *[Signature]* Work Order: 57414
 Printed by ESB 3 (www.esb.com)

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min
Carried forward				

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-K
 ENGINE S/N: 1004394
 REG. NO: N881CA
 WORK PACKAGE: P3594
 14802-03-2012

Cirrus Design Factory Service Center
 Repair Station No. YD58557
 Edie Taylor-Curtis
 211 Aviation Rd
 Hodde, LA 70363
 Phone: 214-788-5438

DATE: 3/20/12
 AC: 750-4619
 ENG: 71-4819
 HOBS: 48.2

Engine Entries
 (1) FLT TIME: 46.6 hrs. Changed engine oil and filter. Champion CH48126-1. P/N 50867-001. Serviced engine with 8 quarts of Aeroquip 15W-50 engine oil. Performed particulate inspection on old filter. Checked satisfactory. Performed operational and leak checks. Oil's and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-76.

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: CRSS YD58557.

SIGNED: *Edie Taylor-Curtis*
 Edie Taylor-Curtis
 Certified Repair Station No. YD58557

Work Order: 14802-03-2012
 Printed by EBie 3 (pascommedia.com)

Butler Aviation, Inc
 211 AVIATION RD
 HODDE, LA 70363
 1.800.851.6737

Replaced oil pressure probe P/N:P155-5354.
 Operational check was good. No leaks noted at this time.

AIRFRAME: N881CA
 SER. NO: 275
 HOBS: 42.7
 FLT: 33.2

DATE: 2/21/2012

AUTHORIZED SIGNATURE: *Theo Mills*
 THEO MILLS ABP 357294

EPPS Aviation

AIRCRAFT REG: N881CA
 MFG: TCM
 MODEL: TSIO-550-K
 SERIAL: 1004394
 HOUR METER: 74.7

DATE: 3/20/12
 WORK PACKAGE: P3594
 TACH TIME: 59.5(FT)
 TOTAL TIME:
 TSMON:

Removed cowling and performed ground run. Engine made good of pressure at startup. At 178 degrees F initial pressure shows 50 psi operating at 75 percent power and 2450 RPM. After adjustment oil pressure at same temperature and RPM raised 5 psi to 55 psi. Green range on gauge as well as TSIO-550 Maintenance and Overhaul Manual is 30-60 psi. Re-installed cowling. Reference TSIO-550 Permat Series Engine Maintenance and Overhaul Manual 6-3.7.3, 6-3.10.1, and appendix B.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P3594

Signed: *Eddie S Taylor*
 Eddie S Taylor
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341


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EPPS
Aviation X

AIRCRAFT REG: N881CA DATE: 6/25/12
MFG: TCM WORK PACKAGE: P3775
MODEL: TSIO-550-K1B TACH TIME: 92.4 FLT
SERIAL: 1004394 TOTAL TIME: 92.4
HOUR METER: 115.7 TSMOH: na

AD 2012-10-13 Starter Adapters, dated June 8, 2012, NA by manufacture date, no further action required. AD 2012-03-06 Fuel Servo Diaphragm, dated February 24, 2012, NA affected component not installed, no further action required.

Carrie The aircraft, airframe, engine, propeller or appliance 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 work package no. P3775

Signed:  Michael W. Beale
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

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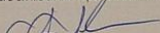
Record

novel and
Directives,

EPPS
Aviation X

AIRCRAFT REG: N881CA DATE: 6/25/12
MFG: T.C.M. WORK PACKAGE: P3775
MODEL: TSIO-550-K TACH TIME: 92.4
SERIAL: 1004394 TOTAL TIME: 92.4
HOUR METER: 115.7 TSMOH: N/A

Performed Cirrus Engine 100 hour inspection Program. Ground ran aircraft. Checked engine metered and un-metered fuel flow referencing T.C.M. Service Information Directive 97-3E. Drained engine oil. Collected and sent oil sample out for analysis. Removed, cut open and inspected oil filter. No findings noted. Installed new oil filter pin. CH48108-1. Serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Performed cylinder differential check and results are as follows: #1-7980, #2-7880, #3-7880, #4-7880, #5-7880, #6-7780. Complied with TCM Service Bulletin 96-12 Continued Airworthiness Instructions for TCM Cylinders, dated September 10, 1996 by following instructions listed in Part 1. Annual inspection requirements for this SB. No discrepancies noted at this time. Next time of compliance is at aircraft next annual inspection or each time a cylinder is removed. Removed, inspected and cleaned all fuel injector nozzles. Rinsed injectors in AVgas before re-installing with new o-rings and gaskets. Leak check. Good. Removed left side exhaust. Disassembled exhaust only at slip joints and tail pipe. Cleaned all slip joints and mating flanges. Re-assembled exhaust to have a more snug slip joint fit and reduce exhaust blow-by. Re-installed exhaust onto engine and lined up tail pipe to have a flush fit. Torqued exhaust V-band clamp and safety wired. Pressurized exhaust and leak check. Good. Washed engine and lubricated all exhaust slip joints, wastegate actuator and engine controls. Re-torqued previously removed exhaust after post inspection ground run. The aircraft, airframe, engine, propeller or appliance 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 work package no. P3775

Signed:  Joseph Jordan
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341


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EPPS
Aviation X

AIRCRAFT REG: N881CA DATE: 10/19/12
MFG: TCM WORK PACKAGE: P4000
MODEL: TSIO-550K TACH TIME: 122.8(FT)
SERIAL: 1004394 TOTAL TIME:
HOUR METER: 153.6 TSMOH:

Removed top cowling, inspected inter-cylinder baffles, found in proper position, removed CSD card for reading, removed #3 fuel injector at John Strohs request, found correct PIN on the fuel injector, cleaned, waiting on word from Stroh before re-installing. Re-installed fuel injector using new gasket pin X1473, o-rings pin 630979-9 and washer pin 640612. Advised by Stroh to swap spark plugs between cylinders 3 and 5 and CHT probes between cylinders 1 and 3. Swapped plugs and installed with new gaskets pin M674. Swapped CHT probes between cylinders 1 and 3. Reinstalled engine cowling and CSD card. Airplane released for maintenance flight. Airplane is OK to fly. Aircraft flown for 1 hour at 10,000 feet and 85% power with mixture at the blue indicator per customers' request, #1 CHT showed hotter than the others, still in the green etc. all data on the CSD card. E-mailed data to John Strohs. Strohs says all parameters within range. Adjusted prop governor, ground ran engine and found in limits. Work accomplished per Cirrus SR222T chapter 61-20.


The aircraft, airframe, engine, propeller or appliance 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 work package no. P4000

Signed:  Eddie S. Taylor
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

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Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
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Carrie		AIRCRAFT REG: 881CA	DATE: 12/17/12	noval and Directives,
		MFG: TCM	WORK PACKAGE: P4117	
		MODEL: TSIO-550-K	TACH TIME: flight-133.1	
		SERIAL: 1004394	TOTAL TIME:	
		HOUR METER: 167.0	TSMOH:	

Performed Cirrus SR-22T 50 hour inspection. Performed ground run up, drained oil, replaced filter with a new CH48108-1, cut open and inspected old oil filter, no contamination found. Serviced engine with 8 quarts of AeroShell 15W50 oil. Performed ground run up, leak and operational check ok.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P4117

Signed Stuart D. Smith Stuart D. Smith
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

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Carrie		AIRCRAFT REG: N881CA	DATE: 7/23/13	noval and Directives,
		MFG: TCM	WORK PACKAGE: P4416	
		MODEL: TSIO-550-K1B	TACH TIME: 150.2 Flight	
		SERIAL: 1004394	TOTAL TIME: 150.2	
		HOUR METER: 189.8	TSMOH: N/A	

Performed ground run and pre-inspection performance checks. Compression check: #1 - 72, #2 - 66, #3 - 62, #4 - 68, #5 - 50, #6 - 70 M.O. - 39. Drained oil. Removed and replaced filter CH48108. Inspected used oil filter element. Serviced with 8 quarts AeroShell 15W50. Cleaned, gapped, inspected, and rotated spark plugs. Completed Annual/100 hr inspection IAW Cirrus Maintenance Program. Performed TCM SID 97-3 as part of Cirrus maintenance program schedule. Adjusted low pressure side of fuel pump and idle speed and mixture to improve off-idle stumble. Checked mag timing. Removed and cleaned fuel injectors. Re-installed injectors using new o-rings and gaskets p/n's X1473, 630979-9, 640612, 628566, 633968-3, and 633968-5. CAV TCM SB 96-12. Continued Airworthiness instructions for TCM cylinders, dated September 10, 1996 by visual inspection, compression check and leak check. No defects noted at this time. Complied with TCM SB 11-2 Alternator Continued Airworthiness instructions and Brush Service instructions, dated January 13, 2011, by inspection of 100 hour interval items.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P4416

Signed Matthew C. Conroy Matthew C. Conroy
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

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Engine Service and Maintenance Record

	Total Time	Time Since Last Overhaul	
Da	AIRCRAFT REG: N881CA		
Carried f	EPPS Aviation		DATE: 01/1/14
	MFG: TCM	MODEL: TSIO-550-K1B	WORK PACKAGE: P4757
	SERIAL: 1004394	HOUR METER: 220.5	TACH TIME: 172.9
			TOTAL TIME: 172.9
			TSMOH: N/A

Performed pre-inspection ground run performance checks. Performed 100 hour inspection and service. Performed cylinder differential compression test results as follows: #1 66/80, #2 69/80, #3 56/80, #4 70/80, #5 64/80, #6 70/80 contaminants with no abnormalities noted. Drained engine oil and removed filter. Inspected old filter for metal and quarts of Aeroshell 15W50 oil. Removed, cleaned, inspected, and re-installed fuel injector nozzles using new gaskets and o-rings pin's 640612, 628556, 633958-3, 633956-5, 630979-9, and X1473. Cleaned, inspected, and re-installed fuel injector nozzles using new gaskets related spark plugs using new gaskets pin MG74. Checked magneto to engine timing. Pressure tested fuel system and no leaks noted. Removed inter cooler sh 0119421-137 to send off for repair. Installed repaired inter cooler pin 646462 sh 0119421-137. Complied with SA 13-01 by visual inspection of LH turbo transition near bend to riser. No defects noted. Performed ground run, performance and leak checks satisfactory. Cooled engine.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P4757

Signed: Matthew C. Corvey Matthew C. Corvey
for Epps Air Service, Inc., ESMR6886, 1 Aviation Way, Atlanta, GA 30341

	Total Time	Time Since Last Overhaul	
Da	AIRCRAFT REG: N881CA		
Carried f	EPPS Aviation		DATE: 7/25/14
	MFG: TCM	MODEL: TSIO-550K	WORK PACKAGE: P4981
	SERIAL: 1004394	HOUR METER: 258.4	TACH TIME: 203.5
			TOTAL TIME:
			TSMOH:

Performed pre-inspection ground run performance checks. Drained engine oil and removed filter. Inspected old filter for metal and contaminants with no abnormalities noted. Installed new oil filter pin CH48108-1 and serviced. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, performance and leak checks satisfactory. Cooled engine.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P4981

Signed: Eddie S. Taylor Eddie S. Taylor
for Epps Air Service, Inc., ESMR6880, 1 Aviation Way, Atlanta, GA 30341

	Total Time	Time Since Last Overhaul	
Da	AIRCRAFT REG: N881CA		
Carried f	EPPS Aviation		DATE: 12-26-2017
	MFG: CMI	MODEL: TSIO-550K	WORK PACKAGE: P6404
	SERIAL: 1004394	HOUR METER: 486.4	TACH TIME: 377.5 FT
			TOTAL TIME:
			TSMOH:

Drained oil and Serviced with Phillips 20W50XC. Removed Oil filter inspected for metal none noted. replaced oil filter with AA48108. Ran Engine No Leaks noted. All work was done referencing the Cirrus Maintenance Manual.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P6404

Signed: Steve Taylor STEVE TAYLOR
for Epps Air Service, Inc., ESMR6880, 1 Aviation Way, Atlanta, GA 30341

Da

EPPS
Aviation X

AIRCRAFT REG: N881CA
MFG: TCM
MODEL: TSIO-550-K
SERIAL: 1004394
HOUR METER: 293.1

DATE: 4/21/15

WORK PACKAGE: P5329

TACH TIME: 231.8 Flight

TOTAL TIME: 231.8

TSMOH: N/A

Record

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Carried f

Performed pre-inspection ground run performance checks. Performed 100 hour inspection and service. Performed cylinder differential compression test results as follows: #1 58/80, #2 66/80, #3 57/80, #4 62/80, #5 65/80, #6 64/80 with a master orifice reading of 42/80. Drained engine oil and removed filter. Inspected old filter for metal and contaminants with no abnormalities noted. Installed new oil filter p/n CH48108-1 and safetied. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Cleaned, inspected, regapped and rotated spark plugs using new gaskets p/n M674. Checked magneto to engine timing. Pressure tested fuel system and no leaks noted. Borescoped all cylinders, examining pistons, cylinder walls and valves via visual inspection. No discrepancies noted at this time. Removed alternator 2 mounting bracket. Complied with CMI SIL 14-4A 24 Volt/70 Amp Belt-Driven Alternator Brace Alignment dated August 13, 2014, by removal and replacement of alt 2 mounting bracket with new p/n 646405 and proper alternator alignment. Removed alternator #1 p/n ES-10024 s/n H-L021609 and cleaned mating gasket surfaces. Transferred drive hub from old hub to new and performed torque slippage check of hub. Installed new alternator p/n ES-10024 s/n H-0090924. Removed adol clamp and applied layer of silicone fusion tape to right compressor pressure side. Re-installed adol clamp. Timed magnetos to engine. Removed oil outlet gasket, cleaned mating surfaces and installed new gasket p/n 652101 on RH turbo oil outlet. Complied with Cirrus SB 2X-7-1-25 by installation of new alternators p/n 31796-001 and p/n 31796-002 using new hardware p/n MS27039-0810. Complied with Cirrus SB 13-1-1-1-1 with no defects noted at this time. Complied with CMI SB 13-8 (#2) Alternator Continued Airworthiness Inspections and Brush Service, dated January 15, 2014, by completed 10, 50, and 100 hour inspection items. Complied with CMI SB 869 by inspection with no defects noted. Bracket is cracked. Removed alternator 2 mounting bracket. Complied with CMI SIL 14-4A 24 Volt/70 Amp Belt-Driven Alternator Brace Alignment dated August 13, 2014, by removal and replacement of alt 2 mounting bracket with new p/n 646405 and proper alternator alignment. Performed ground run, performance and leak checks satisfactorily. Cooled engine.

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EPPS
Aviation X

AIRCRAFT REG: N881CA
MFG: TCM
MODEL: TSIO-550-K
SERIAL: 1004394
HOUR METER: 293.1

DATE: 4/21/15

WORK PACKAGE: P5329

TACH TIME: 231.8 Flight

TOTAL TIME: 231.8

TSMOH: N/A

The aircraft, airframe, engine, propeller or appliance 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 work package no. P5329

Signed: Matthew C. Corvey Matthew C. Corvey
for Epps Air Service, Inc. ESMR688D, Aviation Way, Atlanta, GA 30341

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EPPS
Aviation X

AIRCRAFT REG: N881CA
MFG: CMI
MODEL: TSIO-550-K
SERIAL: 1004394
HOUR METER: 334.2

DATE: 7/8/15

WORK PACKAGE: P5462

TACH TIME: 266.9 Flight

TOTAL TIME: 266.9

TSMOH: N/A

Connected metered and unmetered gauges and performed ground run. Verified that pressures and fuel flows are within spec. Drained oil, removed and inspected oil filter. Oil filter appeared normal. Serviced engine with 8qts. of Aeroshell 15W50 oil and installed new filter PN CH48108-1. Performed engine ground, operational and leak checks are satisfactory. Removed metered and unmetered pressure gauges and pressure tested fuel lines for leaks with no discrepancies noted.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P5462

Signed: Matthew C. Corvey Matthew C. Corvey
for Epps Air Service, Inc. ESMR688D, Aviation Way, Atlanta, GA 30341

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 →



AIRCRAFT REG: N881CA DATE: 4/7/16
MFG: TCM WORK PACKAGE: P5790
MODEL: TSIO-550K1B TACH TIME: 296.8 (FT)
SERIAL: 1004394 TOTAL TIME: 296.8
HOUR METER: 370.8 TSMOH:

Performed 100 hour inspection and service. Performed cylinder differential compression test results as follows: #1 66/80, #2 75/80, #3 65/80, #4 63/80, #5 70/80, #6 65/80 with a master orifice reading of 38/80. Drained engine oil and removed filter. Inspected old filter for metal and contaminants with no abnormalities noted. Installed new oil filter p/h AA48 108-1 and safetied. Tok AOA Oil Sample. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Take Off Manifold Pressure will go over red line Adjusted Down 1/8. Turn Post Insp run MP set Just At Green and Yellow line at Takeoff power Complied with CMI SB 15-7A Installed New Cross fitting P/N 658607 Per CMI CSB 15-7A Complied with CMI SB 15-3 Oil Sump Inspector Found LT wear depth .0080 and RH .0050 See Epps NTD report N2030 for details. Complied with Alternator no 1 10Hr, 50Hr and 100Hr. Alternator Inspection No problem Noted Per TCM SB 11-2. Complied with Alternator no 2 10Hr and 50Hr Inspection and 100HR Inspection Per SB 13-8 No problem Noted

The aircraft, airframe, engine, propeller or appliance 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 work package no. P5790

Signed: Eddie S. Taylor
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

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AIRCRAFT REG: N881CA DATE: 27-Sep-2016
MFG: CMI WORK PACKAGE: P8024
MODEL: TSIO-550K1B TACH TIME: 322.7 (FT)
SERIAL: 1004394 TOTAL TIME:
HOUR METER: 400.9 TSMOH:

Uncowled Engine Inspected for Problem None noted. Ran up Engine found No 1 Cyl LH mag Cold. Removed Lower spark plug no 1 Cyl swap with No 5 cyl top plug Re run Eng No 5 Cyl RH mag has Cold cyl. Installed New URH632E in No 5 Cyl Top plug Ran Up Now has Normal mag drop. Recowl Engine. Ran Engine Fuel power. Several time's Mag drop good No Roughness in Engine. Run up spec Appear normal.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P8024

Signed: STEVE TAYLOR
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

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AIRCRAFT REG: N881CA
 MFG: TCM
 MODEL: TSIO 550-K
 SERIAL: 1004394
 HOUR METER: 405.0

DATE: 30-Sep-2016
 WORK PACKAGE: P6029
 TACH TIME: 326.1 (FT)
 TOTAL TIME:
 TSMOH:

Record

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 Directives,

Drained Oil Removed Oil Filter Inspected Oil Filter for Metal None noted. Installed New AA 49106 Oil Filter Took ADA Oil Sample Serviced with 8QT AIS 15W50 oil Ran up No Leaks noted.

Carried

The aircraft, airframe, engine, propeller or appliance 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 work package no. P6029

Signed: STEVE TAYLOR
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way Atlanta, GA 30341

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AIRCRAFT REG: N881CA
 MFG: CMI
 MODEL: TSIO-550K
 SERIAL: 1004394
 HOUR METER: 439.9

DATE: 02-Mar-2017
 WORK PACKAGE: P6227
 TACH TIME: 350.1
 TOTAL TIME:
 TSMOH:

Ran Up Drained Oil Removed Oil Filter Inspected for Metal None Noted. Took ADA oil Sample. Installed New AA 49106 Oil Filter Service with 8 qt AIS 15W50 Was Engine Run up no leaks noted. Ref SR22T MM Torqued ID WAS-6-100

The aircraft, airframe, engine, propeller or appliance 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 work package no. P6227

Signed: STEVE TAYLOR
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way Atlanta, GA 30341

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AIRCRAFT REG: N881CA
 MFG: CMI
 MODEL: TSIO-550-K
 SERIAL: 1004394
 HOUR METER: 433.6

DATE: 17-Apr-2017
 WORK PACKAGE: PE265
 TACH TIME: 350.1
 TOTAL TIME: 350.1
 TSMOH: NA

10-23-2016 Oil Cooler Cross Fitting Assembly dated November 18, 2016, found previous compliance per CMI. Replaced with 47716, oil cooler cross fitting pn 658607 installed, no further action required.
 AD 2016-16-12 Cylinder STC dated September 15, 2016, NA affected STC not installed, no further action required.

The aircraft, airframe, engine, propeller or appliance 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 work package no. PE265

Signed: MICHAEL BEALE
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way Atlanta, GA 30341

Page 1 of 1



AIRCRAFT REG: N881CA
 MFG: CMI
 MODEL: TSIO-550-K
 SERIAL: 1004394
 HOUR METER: 433.6

DATE: 17-Apr-2017
 WORK PACKAGE: P6265
 TACH TIME: 350.1
 TOTAL TIME: 350.1
 TSMOH: NA

Record

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D.

Carried

Performed pre-inspection ground run performance checks. Performed 100 hour inspection and service. referencing Far 43 App D checklist. Performed cylinder differential compression test results as follows: #1 56/80, #2 56/80, #3 55/80, #4 50/80, #5 70/80, #6 64/80 with a master orifice reading of 41/80. Drained engine oil and removed filter. Inspected old filter for metal and contaminants with no abnormalities noted. Installed new oil filter p/n AA48108-1 and salfeted. Serviced engine with 8 quarts of Phillips 20W50 Type M oil. Removed #5 cylinder SN AC11EB839. Due to low Compression, Leaking EX Valve. Installed NEW TMC Cylinder Assy P/N 856595A3. Loaded Cylinder SN AC17BA300 in reference with the TCM M16 OH manual. Torqued Wrench ID MX AH-005 Ran up Ops checked good No Leaks noted. Complied With TCM SB 11-2 for #1 Alternator. Airworthiness Instructions and Brush Services Inspection Good found no Discrepancy's. Completed CMI SB 13-B for #2 Alternator airworthiness Instructions and brush service inspection was good Found No discrepancy's. Complied with CMI SB 16-8 Turbo Exhaust Transition (p/n 857631) dated February 3, 2017. Inspected and Pressurized the turbo exhaust and sprayed with soapy and found no leaks. Completed SB 95-7A. Inspected manifold Valve Cover found No discrepancy's.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P6265

Signed: STEVE TAYLOR
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way Atlanta, GA 30341

Page 1 of 1



AIRCRAFT REG: N881CA
 MFG: CMI
 MODEL: TSIO-550K
 SERIAL: 1004394
 HOUR METER: 466.4

DATE: 12-Jul-2017
 WORK PACKAGE: P6404
 TACH TIME: 377.5 FT
 TOTAL TIME:
 TSMOH:

Drained oil and Serviced with Phillips 20W50XC. Removed Oil filter inspected for metal none noted replaced oil filter with AA48108. Ran Engine No Leaks noted. All work was done referencing the Cirrus Maintenance Manual.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P6404

Signed: STEVE TAYLOR
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way Atlanta, GA 30341

Page 1 of 1



AIRCRAFT REG: N881CA
 MFG: CMI
 MODEL: TSIO-550-K1B
 SERIAL: 1004394
 HOUR METER: 510.1

DATE: 03-May-2018
 WORK PACKAGE: P6767
 TACH TIME: 415.1
 TOTAL TIME: 415.1
 TSMOH: NA

Performed 100 hour Inspection and Service on this Engine. Ground ran aircraft. Drained engine oil and collected a sample to be sent out for analysis. Removed, cut open and inspected the oil filter. No findings noted. Installed new oil filter p/n AA48108 and serviced the engine with 8 quarts of Phillips 20W50 X/C. Performed cylinder differential compression check and results are as followed: #1- 54/80, #2- 58/80, #3- 46/80, #4- 59/80, #5- 74/80, #6- 67/80 Master Orifice 40 psi. Installed all new spark plugs p/n URHB32E. Complied with AD 84-26-02 Paper Induction Air Filters dated January 29, 1985 by installing 2 new induction air filters p/n 27166-001 based off of condition. Next time of compliance is next 500 hours TIS or on condition. Complied with Cirrus SB 2X-79-04 Improved Installation of Oil Pressure Sensor dated August 9, 2016 by completing item 11. ACCOMPLISHMENT INSTRUCTIONS FOR GROUPS A&B and installing Kit p/n 70551-001. Performed post maintenance ground performance run on the aircraft. Operational and leak checks are satisfactory at this time.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P6767

Signed: JOE JORDAN
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way Atlanta, GA 30341

Page 1 of 1

9

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

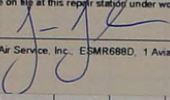


AIRCRAFT REG: N881CA
 MFG: CMI
 MODEL: TSIO-550-K (1)
 SERIAL: 1004394
 HOUR METER: 536.4

DATE: 11-Jul-2018
 WORK PACKAGE: P6852
 TACH TIME: 436.6
 TOTAL TIME: 436.6
 TSMOH: N/A

Ground ran aircraft. Drained engine oil and collected sample to be sent out for analysis. Removed, cut open and inspected oil filter. No findings noted. Installed new oil filter p/n AA48106 and serviced the engine with 8 quarts of Phillips 20W50XC. Performed post maintenance ground run. Leak checks are satisfactory at this time.

The aircraft, airframe, engine, propeller or appliance 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 work package no. P6852.

Signed:  JOE JORDAN
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

Page 1 of 1



EXEC AERO, LLC
 201 NILSON WAY
 ORLANDO, FL 32803
 407-420-7934



Authorized Service Center

N881CA
 2012 Cirrus SR-22T SN:0275
 01/10/2019 Flight 485.6 Hobbs: 594.1 ACTT: 485.6
 Continental TSIO-550-K1B SN:1004394
 TSMO: 485.6 ETT: 485.6

Complied with 14 CFR 91.409(a)(1) by performing an Annual Inspection IAW 14 CFR 43.15(c)(1)(2). Researched AD's through 1/2019. Compression check: 1)50/80 2)40/80 3)30/80 4)60/80 5)74/80 6) 60/80. MO:46. Removed and reinstalled #1, #2 and #3 cylinders after repair by Loth Engineering Inc. WO#10123. Drained and serviced engine oil with Phillips 20W-50. Replaced engine oil filter (CH48108-1) and safety. Inspected oil filter media. Removed and replaced magnetos (10-S00556-101 SN:D186A050, D18FA095) with factory new units. Replaced magneto air filter (653386). Serviced spark plugs. Performed fuel set up. Washed engine. Operational and leak checks completed. All work completed IAW Cirrus AMM, Continental Motors Piston Engine Maintenance Manual and AC 43.13-1B.


I certify that this Engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in Airworthy condition.



 Nathan T. Marler
 AP34663921A

Date	Total Time		Time Since Last Overhaul		<i>Engine Service and Maintenance Record</i>
	Hours	Min	Hours	Min	
<p align="center">AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54 APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (X04)</p>					
02-20-2019	N881CA	Hobbs:631.6	Flight Meter:515.1	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	
<p>Performed engine operational check and warm-up. Drained oil and removed filter. Opened filter and inspected, no abnormalities noted. Installed AA48108-2 filter and serviced engine with 8 quarts of Phillips 20W50 XC. Washed engine compartment and performed leak check, no leaks noted. Aircraft returned to service.</p>					
<p align="center"><i>[Signature]</i> Amos T. Akerman A&P 2862556 IA</p>					
<p align="center">AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54 APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (X04)</p>					
03-11-2019	N881CA	Hobbs:684.6	Flight Meter:560.0	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	
<p>Performed engine operational check and warm-up. Drained oil and removed filter. Opened filter and inspected, no abnormalities noted. Installed AA48108-2 filter and serviced engine with 8 quarts of Phillips 20W50 XC. Washed engine compartment and performed leak check, no leaks noted. Aircraft returned to service.</p>					
<p align="center"><i>[Signature]</i> Amos T. Akerman A&P 2862556 IA</p>					
<p align="center">AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54 APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (X04)</p>					
03-25-2019	N881CA	Hobbs:744.5	Flight Meter:612.5	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	
<p>Performed engine operational check and warm-up. Drained oil and removed filter. Opened filter and inspected, no abnormalities noted. Installed AA48108-2 filter and serviced engine with 8 quarts of Phillips 20W50 XC. Washed engine compartment and performed leak check, no leaks noted. Aircraft returned to service.</p>					
<p align="center"><i>[Signature]</i> Amos T. Akerman A&P 2862556 IA</p>					
<p align="center">AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54 APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (X04)</p>					
05-06-2019	N881CA	Hobbs:798.7	Flight Meter:658.3	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	
<p>Performed engine operational check and warm-up. Drained oil and removed filter. Opened filter and inspected, no abnormalities noted. Installed AA48108-2 filter and serviced engine with 8 quarts of Phillips 20W50 XC. Washed engine compartment and performed leak check, no leaks noted. Aircraft returned to service.</p>					
<p align="center"><i>[Signature]</i> Amos T. Akerman A&P 2862556 IA</p>					



Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
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05-30-2019	N881CA	Hobbs:848.2 Flight Meter:701.0	<p>AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54 APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (X04)</p> <p>Performed engine operational check and warm-up. Drained oil and removed filter. Opened filter and inspected, no abnormalities noted. Installed AA48108-2 filter and serviced engine with 8 quarts of Phillips 20W50 XC. Washed engine compartment and performed leak check, no leaks noted. Aircraft returned to service.</p> <p> Amos T. Akerman A&P 2862556 IA</p>
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07-03-2019	N881CA	Hobbs:913.8 Flight Meter:757.4	<p>AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54 APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (X04)</p> <p>Performed engine operational check and warm-up. Drained oil and removed filter. Opened filter and inspected, no abnormalities noted. Installed AA48108-2 filter and serviced engine with 8 quarts of Phillips 20W50 XC. Washed engine compartment and performed leak check, no leaks noted. Aircraft returned to service.</p> <p> Amos T. Akerman A&P 2862556 IA</p>
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10/08/2019
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N:881CA
MAKE:CIRRUS
MODEL:SR22T
S/N:22T-0275
FLIGHT:847.6
HOBBS:1020.4

1. Changed oil and filter, cut inspected old filter, (found some brass from starter clutch), installed torqued and safetied new, serviced engine 8qts Phillips 20-50XC
2. Replaced starter clutch assy with OH unit, ran up aircraft opps and leak check good.
3. Replaced ECS controller/display opps checked good.

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3585304 IA 

Total Time Time Since Last
Engine Service and Maintenance Record



11/07/2019
 4701 N.E. 40th TERRACE
 GAINESVILLE, FL 32609

N: 881CA
 MAKE: CIRRUS
 MODEL: SR22T
 SN: 22T-0275
 FLIGHT: 892.9
 HOBBS: 1075.6

1. Changed oil and filter, cut and inspected old filter good, installed torqued and saflied new, serviced engine 8qts Phillips 20-50XC, washed down ran up leak check good.
2. Timed both mags to engine @ 24deg. Replaced all 12 spark plugs with new URHB32E

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3585304 IA

AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54
 APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (XD4)

01-07-2020 N881CA Hobbs:1180.3/Flt:981.1
 Operational check of engine performed. Removed cowling, drained oil and removed filter. Inspected lubrication system with no abnormalities noted. Installed AA48108-2 filter and serviced engine with eight (8) quarts of Phillips 20W50 XC. Operational checks were normal, no leaks noted. Aircraft returned to service.

Amos T. Akerman A&P 2862556 IA

over →



Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	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

02/20/2020
4701 N.E. 49th TERRACE
GAINESVILLE, FL 32609

N881CA
MAKE: CONTINENTAL
MODEL: T3000SR18
S/N: 300009
FLIGHT 10092
EORBS: 1214.5



1. Took compression @ 80 psi 1960 2354 3358 4340 5356 6354 MO 48
2. Removed cylinder #4 and sent out for repair, reinstalled performed ground runs, took compression @ 80psi 4376
3. Changed oil and filter, removed cut and inspected old filter good, installed new torqued and safetied, serviced engine 8qts Phillips 20-50XC run up leak check good
4. Cleaned gascolator and replaced seals with new
5. CW AD 84-26-02 replaced engine air filters with new next due @ 1509 Flight
6. Repaired LH engine baffle near intercooler with patch
7. Removed and replaced all rocker cover gaskets with new
8. Removed prop, replaced Alt #2 belt with new reinstalled prop and tensioned belt
9. Replaced alternate air box mount bracket with new
10. Removed injectors #3 and #6, cleaned and replaced sealing rings
11. Replaced starter mount O-ring with new
12. Removed both Mags, performed 500hr IRAM, replaced points and carbon brushes in both set internal timing and reinstalled, timed to engine
13. Performed fuel system setup IAW MM38

I certify this Engine has been inspected in accordance with a 100hr inspection in observance of 14 CFR Part 43 using the manufacturer's checklist and Federal Air Regulations. This Engine was found to be in an airworthy condition and is approved for return to service.

Ian Thiessen AP 3585304 IA

AKERMAN AVIATION • HANGER 54 • APOPKA, FLORIDA (X04)
1321 APOPKA AIRPORT ROAD • HANGAR 54 • APOPKA, FLORIDA 32712

03-19-2020 N881CA HM:1264.2/TIT:1048.6
Drained oil and removed filter, installed AA48108-2 filter, serviced engine with 8 quarts of Phillips 20W50XC plus 12oz. of AvBlend additive. Operational checks show normal and correct. No leaks noted. Aircraft returned to service.

Amos T. Akerman A&P 2862556 IA

AKERMAN AVIATION • HANGER 54 • APOPKA, FLORIDA (X04)
1321 APOPKA AIRPORT ROAD • HANGAR 54 • APOPKA, FLORIDA 32712


04-15-2020 N881CA HM:1295.6/TIT:1076.0
Drained oil and removed filter, installed AA48108-2 filter, serviced engine with 8 quarts of Phillips 20W50XC plus 12oz. of AvBlend additive. Removed #3 fuel injector nozzle, replaced - P/N 630679-9 (Qty 2), K3475 and 646012. Installed in accordance with Continental Service Bulletin. Operational checks show normal and correct. No leaks noted. Aircraft returned to service.

Amos T. Akerman A&P 2862556 IA

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

<p>AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54 APOPKA, FLORIDA 382712 • ORLANDO-APOPKA AIRPORT (X04) 05-21-2020 N881CA HM:1346.0 FLT:1118.7 Performed engine warmup, drained oil, and removed filter. Installed AA48108-2 filter and serviced the engine with eight (8) quarts of Phillips 20W50XC plus AvBlend. Washed engine compartment and performed operational checks, no leaks noted. Aircraft returned to service.</p>					
<p>Amos T. Akerman A&P 28625561A</p>					





06/29/2020
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N:881CA
MAKE: CIRRUS
MODEL: SR22T
S/N: 22T-0275
FLIGHT: 1177.3
HOBBS: 1413.3 CYCLES: NA

1. Replaced CO detector with Rebuilt unit SN 92399. MFD Jan 2020 next due replacement Jan 2027
2. Serviced tires with nitrogen, checked lights
3. Replaced Co-Pilots cup holder with new
4. Changed oil and filter, cut inspected old filter good, installed torqued and safed new CH48-108, serviced engine 8 qts Phillips 20-50XC ran up leak check good.

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3585304 IA 

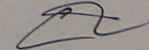


07/21/2020
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N:881CA
MAKE: CIRRUS
MODEL: SR22T
S/N: 22T-0275
FLIGHT: 1195.1
HOBBS: 1434.5 CYCLES: NA

1. Replaced alternator #1 brush block assy with new opps checked good
2. Replaced starter with new Skytec C24ST5, opps checked good.

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3585304 IA 

Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
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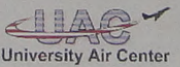
08/17/2020
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N: 881CA
MAKE: CIRRUS
MODEL: SR22T
S/N: 22T-0275
FLIGHT: 1254.2
HOBBS: 1503.4
CYCLES: NA

1. Replaced boost pump switch with new unit, opps checked good.
2. Cleaned gapped and rotated plugs, replaced two with new URHB32E, set mag timing 24°
3. Changed oil and filter, cut inspected old filter good, installed torqued and saftied new CH48-108, serviced engine 8qts Phillips 20-50XC
4. Adjusted MAP to 36.5"
5. Replaced #1 alternator with new, Off SN H-0090924 Installed SN H-T080327
6. Removed Skytec starter and installed serviceable unit PN 646275 SN Z-089243

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3585304 1A



9/18/2020
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

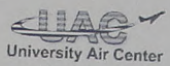
N: 881CA ENGINE
MAKE: CONTINENTAL
MODEL: TS10-550-K
S/N: 1004394
ACTT: 1278.4
W/O:

- 1) Installed new upper deck manifolds seals and O rings
- 2) Replaced #4 cylinder fuel injector
- 3) Adjusted Max fuel flow and MAP
- 4) Replaced fuel gasolator drain
- 5) Installed new probes # 3, 2,4 AND 6 cylinders
- 6) Complied with 500 hour magneto IRAN replaced points and capacitors both magnetos replace coil in left magneto
- 7) Checked all loines and hoses for leaks

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

Scott Lambert
A&P 3300566

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



9-18-20
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N: 881CA ENGINE
MAKE: CIRRUS
MODEL: SR22
SN:
ACTT: 1254.2
W/O#:

- 1) Cleaned turbo scavenge line check valve and reinstalled
- 2) Cleaned induction system including left and right intercoolers and cabin heat boxes seat hose and valves

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

Scott Lambert
A&P 3300566

Scott Lambert



Sunset Eagle Aviation, LLC
5231 Johnny Reaver Rd. Hangar 4
Panama City Beach, FL 32409
FAA Drug/Alcohol Plan # CONN597C

N# 881CA Hobbs: 1527.0 W/O: 20-294
Description of work performed: #3 CHT spiking in-flight. Found #3 fuel nozzle loose in cylinder. Removed nozzle & ultrasonic cleaned. Replaced O-rings. Installed nozzle and torqued IAW Mfr MM. Engine run-up Op's check good. Secured aircraft for flight.

Maintenance Release: The Aircraft, Airframe, Engine, Propeller or Appliance Was Repaired And Inspected In Accordance with Current Regulations of the FAA and Is Approved For Return to Service.

Signed: *M. E. Hall* Michael E. Hall A&P 3026966 2 Sept. 2020

AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54
APOPKA, FLORIDA 382712 • ORLANDO-APOPKA AIRPORT (X04)
10-05-2020 N881CA FLT:1549.3/HOBBS:1291.0
Drained oil and removed filter. Additional: manager assisted, cleaned and cleared turbocharger system on oil bleeding by check valve. Installed AA48108-2 filter and serviced engine with seven (7) quarts of Phillips 20WS0 XC. Operational checks – satisfactory. Aircraft returned to service.

Amos T. Akerman
Amos T. Akerman A&P 2862446 IA

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	



11/10/2020
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32699

N: 881CA ENGINE
MAKE: CONTINENTAL
MODEL: TSHO-550-K
S/N:
ACTT 1338.2
W/O#:

- 1) Removed and replaced #1 and #13 cylinders with overhaul units see 8130's installed new wrist pins
- 2) Ground ran in compression on both 75/80
- 3) Changed oil and filter serviced engine 8 quarts mineral oil
- 4) Complied with Cirrus SA 17-15 by installation of check valve and new hose
- 5) Removed MAP controller cleaned and flushed out/reinstalled and adjusted functional check good
- 6) Installed new #1 EGT probe

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR 46, and with respect to the work performed is airworthy and approved for return to service.

Scott Lambert
A&P 3300566



11/24/2020
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32699

N: 881CA
MAKE: CIRRUS
MODEL: SR22T
S/N: 22T-0275
FLIGHT: 1369.6
HOBBS: 1642.4 CYCLES: NA

1. Changed oil and filter, cut inspected old filter no defects noted, serviced engine Sqts Aeroshell 100w. Ran up leak checked good

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3585304 IA



Sunset Eagle Aviation, LLC. 5231 Johnny Reaver Rd. Hangar 4
Panama City, FL 32409 FAA Drug/Alcohol Plan # CONN597C

N881CA Tach/Hobbs: 1621.1

Work Performed: Removed & Replaced Right Magneto With Overhauled Unit P/N 10-500556-101, S/N D17GA148. Unit Overhauled By Quality Aircraft Accessories, W/O# 069475. Performed Magneto Timing. Engine Run Leak & Ops Check Good, No Defects Noted At This Time. All Work As Per Cirrus SR-22 Service Manual.

All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions. Details of work performed can be found on Sunset Eagle Aviation work order # 20-380.

Signed:

Matthew E. Hall

Matthew E. Hall 3268145 A&P Nov 18, 2020

Date	Total Time		Time Since Last Overhaul		<i>Engine Service and Maintenance Record</i>
	Hours	Min	Hours	Min	
Carried forward →					

AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54
APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (X04)

12-30-2020 N881CA Flt:1423.4/HM:1708.1

Performed operational runup. Drained oil and removed filter. Installed AA48108-2 filter and serviced engine with 7 quarts of Phillips 20W50AW Victory. Operational checks, normal and correct with no leaks noted. Aircraft returned to service. Work performed by Josh Buckley and Adam Speck.

[Signature]
Amos T. Akerman A&P 2862556 IA

AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54
APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (X04)

01-26-2021 N881CA Flt:1471.0/HM:1763.9

Performed operational runup. Drained oil and removed filter. Installed AA48108-2 filter and serviced engine with quarts of Phillips 20W50AW Victory. Operational checks, normal and correct with no leaks noted. Aircraft returned to service. Work performed by Josh Buckley, Adam Speck and Oliver Kennedy.

[Signature]
Amos T. Akerman A&P 2862556 IA



3/18/2021
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N 881C
MAKE
MOD
S/N
TAC
W

- 1) Compression @ 80 PSI master orifice 44 1072 2J62 3J70 4J66 5J60 6J70
- 2) Changed oil and filter serviced engine with 8 quarts Aeroshell 100 w oil
- 3) Inspected old engine oil filter element took oil sample washed down and leak check
- 4) Cleaned gapped and tested all spark plugs
- 5) Removed right mag and retimed to engine timed left magneto to engine
- 6) Installed new left turbo transition exhaust part number 65861
- 7) Installed new left TIT probe part number 29211-001
- 8) Installed new left exhaust Tee assembly part number 657648
- 9) Performed fuel system set up IAW cirrus SR22T manual
- 10) Cylinder borescope satisfactory
- 11) Complied with Continental AD 2020-16-11 per MSB18-08 Rev C cylinder
- 12) Installed new induction air filters complies with AD 84-256-02 repeat 500

I certify this engine has been inspected in accordance with a 100 hour ins manufactures recommendations and current Federal Air Regulations as was found to be in an airworthy condition and is approved for return to

R Scott Lambert
A&P 3300566

[Signature]

Aviation One
Maintenance & Modification, Inc.
ENGINE LOG ENTRY
Continental IO-550-N N881CA
February 19, 2021 L360.9 Hours
P/N 646275-1 s/n 14-1090196

Installed an overhauled starter
Ran the engine and operationally checked
All work performed in accordance with the
This aircraft is approved for return to service for work performed. Details on file under work order 21-5100



Myce K. Buck AP21371301
615 Humphreys Ave.
Orlando Executive Airport (KORL)
Orlando, Florida 32803



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



04/30/2021
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N:BBICA
MAKE: CONTINENTAL
MODEL: TSH0550K
SN: 1004394 EFT: NA
FLIGHT: 1541.6 ERT: NA
HOBBS: 1849.6 CYCLES: NA

1. Performed borescope of cylinders found #5 to be source of high oil consumption, removed #5 cylinder SN AC17BA300 and installed OH unit SN AC03JA422 with new wrist pin and gaskets, performed run up leak checked good, took compression 76/80
2. Changed oil and filter, cut inspected old filter minor particles found, serviced engine 8qts Aeroshell 100 mineral, ran up leak check good.

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3585304 IA



04/09/2021
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N:BBICA
MAKE: CESSNA
MODEL: SR22T
SN: 22T-0275 EFT: NA
FLIGHT: 1527.8 ERT: NA
HOBBS: 1830.9 CYCLES: NA

1. Removed RH mag SN DG17GA148 and installed OH unit SN D20FA084 timed to engine, ran up opps checked good.

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3585304 IA

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



05/20/2021
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N881CA
MAKE: CONTINENTAL
MODEL: TS10550K
S/N: 1004394 EFT: NA
FLIGHT 1545.5 ERT: NA
HOBS: 18552 CYCLES: NA

1. Changed oil and filter, removed cut inspected old filter good, installed new CH48-108 torqued and safety serviced engine 8qtz Phillips 20-50XC, washed down ran up leak check good.
2. Replaced all 12 sparkplugs with new URHB32E, ran up mag check good.

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR, Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen AP 3595304 IA

AFC Aviation - Maintenance & Repair
2000 Avion Rd A-17, Punta Gorda, FL 33902
Tel: 941-575-8005 • Fax: 941-575-8734 • aav.com

08-04-2021 N881CA CIRRUS SR22T ASN 0275 HM 1905.9 FLT 1585.6 ENG 1583.7
CHANGE OIL AND FILTER, SERVICED WITH 8qtz PHILLIPS XC 20W-50 AND FILTER AA48108-2, CUT AND INSPECT FILTER, AVLAB SAMPLE TAKEN, CLEAN, GAP, AND TEST SPARK PLUGS, OPERATIONAL CHECK SATISFACTORY, MAINTENANCE PERFORMED IAW CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

LANCE MILKO 2988662 AP

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

Southeast Aero Services Inc.

St Augustine, FL.
Phone (904) 824-1899/Fax (904) 824-6334

TCM TSIO-550-K (1)

S/N: 1004394

N881CA

30 September 2021

Hobbs: 1930.1hrs

FLT. Hobbs: 1601.9hrs

right side Turbo Inlet Temperature probe, P/N: 26211-001. Engine ground run completed, systems

leaks noted. A&P 2807974

AKERMAN AVIATION • 1321 APOPKA AIRPORT RD • HANGAR 54

APOPKA, FLORIDA 32712 • ORLANDO-APOPKA AIRPORT (X04)

11-08-2021 N881CA HM:1953.6/FLT:1619.2
Drained oil and removed filter. Installed AA48108-2 filter and serviced engine with 7 quarts of Phillips 20W50AW.
Operational checks – satisfactory. Aircraft returned to service.

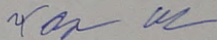
Amos T. Akerman A&P 2862556 IA

University Air Center

- Removed cylinder 2 P/N:658021A1 S/N: AC11EB847 Installed overhauled Cylinder P/N:657107 S/N:AC081A655 in cylinder 2 position. Removed cylinder 6 P/N:6580216A1 S/N:AC11EA056 Installed overhauled Cylinder P/N:657107 S/N:AC07HB856 in cylinder 6 position. Removed flushed and installed oil cooler. Removed and installed oil filler, governor and baffling to facilitate engine change. Performed work IAW Cirrus SR22T AMM and Continental standard practice and TSIO50-K Maintenance Manual. Ops check and leak check good at this time.

I certify the maintenance and/ or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Tyler Ake AP 4149522



Date	Total Time		Time Since Last Overhaul		<i>Engine Service and Maintenance Record</i>
	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



2/11/2021
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N881CA
MAKE: Continental
MODEL: TS10-550-K
S/N - 104394
TACH: 1669.3
HOBBS: 2019.8

1. Drained oil and removed filter, inspected oil filter element for debris, no discrepancies noted. Installed new filter Champion part# CH48108-1 and serviced engine with 8 quarts of Phillips 20W-50XC engine oil and performed ground static run. Inspected for leaks, none noted at this time.
2. All work performed law Continental MM

I certify this Aircraft has been repaired/maintained in accordance with 14 CFR and is determined to be in an airworthy condition.

Ethan Mark Hickcox A&P 3839478



02/11/2021
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N881CA
MAKE: CIRBUS
MODEL: SR22T
S/N: 0275
TACH: 1669.3
HOBBS: 2019.8

1. Inspected, cleaned, and reinstalled gascolator 1A7 Cirrus AMM.

I certify this Aircraft has been inspected in accordance with 14 CFR and is determined to be in an airworthy condition.

Ethan Mark Hickcox A&P 3839478

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 →					



3/1/2022
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N881CA
MAKE: CIRRUS
MODEL: SR22T Eng Model: TSIO-550-K
S/N: 0275 Eng S/N: 104394
TACH: 1673.5
Hobbs: 2026.1

1. Removed right magneto P/N:10-50556-101 S/N: D20FA084. Installed new magneto P/N:10-50556-101 S/N: D22AA187 IAW S22T AMM. Timed magneto to engine ops check good at this time.

I certify the maintenance and/ or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and to the work performed is airworthy and approved for return to service.

Tyler Ake A&P 4149522 IA

Tyler Ake



04/29/2022
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N881CA
MAKE: Continental
MODEL: TSIO-550-K
S/N: 1004394
FLIGHT: 1688.1
HOBBBS: 2046.4

1. Drained oil and removed filter, inspected oil filter element for debris, no discrepancies noted. Acquired oil sample for Black Stone oil analysis. Installed new filter Champion part# CH48108-1 and serviced engine with Philips 20W-50 X/C engine oil.
2. Performed ground static run. Inspected for leaks, none noted at this time.
3. Removed, cleaned, and gapped all spark plugs IAW manufacturer cleaning guide.
4. Compression of cylinders at MO of 44psi 1)70/80 2) 68/80 3)68/80 4)61/80 5)75/80 6)70/80 Referred to Continental Standard Practice Manual.
5. Removed left turbo assembly and installed new Turbo P/N:646677 S/N: NJO105. Referred to Manufacturers Installation Manual.
6. Removed right turbo assembly and installed new Turbo P/N:646677 S/N: GHR00191. Referred to Manufacturers Installation Manual.
7. Performed Kelly Aerospace Service Bulletin No.23 Turbocharger System Operational Tests. No defects noted at this time.
8. Removed fuel injectors, cleaned and installed with new seals, leak check and ops check good at this time referred to Continental Standard Practice Manual M-0.
9. All applicable AD's have been complied with.

I certify this Aircraft has been inspected in accordance with an Annual inspection per 14 CFR and is determined to be in an airworthy condition.

Tyler Ake A&P 4149522 IA

Tyler Ake

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



06/15/2022
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N881CA
MAKE: Continental
MODEL: TSIO-550-K
S/N: 1004394
FLIGHT: 1729.4
HOBS: 2096.6

1. Drained oil and removed filter, inspected oil filter element for debris, no discrepancies noted. Acquired oil sample for Black Stone oil analysis. Installed new filter Champion part# CH48108-1 and serviced engine with Philips 20W-50 X/C engine oil.
2. Performed ground static run. Inspected for leaks, none noted at this time.
3. Removed Magneto P/N: 10-500556-101 S/N: D22AA187 and Replaced it with Overhauled Magneto P/N: 10-500556-101 S/N: D20FA084. Performed Magneto timing check IAW Continental MM. Magnetos timed to 24 degrees. Performed ground run up of magnetos with mag drop test at 1700 RPM's. Magneto drop is as follows: R/H: 50 rpm L/H: 60 rpm. ops check good at this time.

I certify this Aircraft has repaired/maintained per 14CFR and is determined to be in an airworthy condition.

Charles Allen-James Bradley A&P 4314839



9/16/2022
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N881CA
MAKE: CIRRUS
MODEL: SR22T Eng Model: TSIO-550-K
S/N: 0275 Eng S/N: 1004394
TACH: 1733.1
Hobbs: 2102.2

1. Removed left ignition harness and installed new ignition harness P/N: 10-421674-21. Ops check of ignition system good at this time. No further discrepancies noted at this time. Referred to Continental Standard Practice Manual M-0.

I certify the maintenance and/ or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and to the work performed is airworthy and approved for return to service.

Tyler Ake A&P 4149522 IA

Date	Total Time		Time Since Last Overhaul		<i>Engine Service and Maintenance Record</i>
	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

Log Book Entry



4701 NE 40th Terrace
Gainesville, FL 32609
United States

February 17, 2023

Manufacturer: Continental Aerospace Technologies
Part/Model number: 10-550-N
Work Order No: 1172

Telephone: 352-416-0039

Fax:

TSN/TSO: N/A / N/A

CSN/CSO: N/A / N/A

Serial Number: **1004394**

Date: 02/17/2023

Squawk

2.1

1. Cirrus Maintenance Program: CMX In-Service Inspection I (50 Hr. Inspection).
2. Performed engine operational and function check: IAW Cirrus AMM.
3. Performed engine 50 Hr. inspection IAW Cirrus AMM and Continental Manual.
Drained engine oil and serviced with (6) quarts of (20W-50). Replaced oil filter with new (AA48108-2).
Performed particulate inspection on filter, no discrepancies noted. Run up and leak checks performed with no discrepancies noted. All work accomplished IAW Cirrus AMM and Continental Manual.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service.

Charles Allen-James Bradley A&P 4314839



4701 NE 40th Terrace
Gainesville, FL 32609
United States

June 09, 2023

Telephone: 352-416-0039

Manufacturer: Continental Aerospace Technologies
Part/Model number: TS10-550-K
Work Order No: 1414

TSN/TSO: 1765.1 / N/A
Tach/ Hobbs: 1765.1/2143.7
Serial Number: 1004394
Date: 06/09/2023

Squawk

2.1

- Performed Annual/ 100hour inspection of engine per 14 CFR 43 Appendix D. Drained engine oil, collected sample and serviced with Phillips 20W50-N/C. Replaced oil filter with new Oil filter P/N CH8108-1. Performed particulate inspection on filter, no discrepancies noted. Run up and leak checks performed with no discrepancies noted. Referred to Cirrus SR22/22T AMM and Continental M-0 Manual.
- 2.2 Performed differential compression test of Engine cylinders. 1174/80 2171/80 3178/80 4165/80 5172/80 6169/80; Master orifice reading 43 psi. Referred to Continental Standard Practice Manual M-0.
- 2.3 Removed and replaced left turbo return oil line, leak check good at this time. Referred to Continental Standard practice Manual M-0.
- 2.4 Removed and replaced all rocker cover gaskets. Referred to Continental Standard Practice Manual M-0. Leak check good at this time.
- 2.5 Removed and replaced right TIT probe. Referred to Cirrus SR22T AMM and Continental Standard Practice Manual M-0.
- 2.6 Performed Research of Maintenance Records and found all applicable ADs in complied with at this time. Found manufacturer's applicable mandatory service bulletins complied with at this time.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service.

Tyler Ake A&P-1149522 IA