

ENGINE LOGBOOK #1



# ENGINE MAINTENANCE RECORDS

Aircraft Registration \_\_\_\_\_

Engine Position \_\_\_\_\_

Engine Serial No. 217425-R



## ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. 61953

Engine Manufacturer TCM

Model TSTO-520-R

Serial No. 217425-R

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) 1600 Hours

If used on multi-engine aircraft:

☐ Right    ☐ Left

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
4/4/11	1097.0	0.0	



RAM Aircraft, Limited Partnership • Waco Regional Airport

TCM TSIO-520-R Engine S/N 217425-R

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/TCM SM X-30575A. Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected, magnafluxed, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. K dated 2-08-2010. Above referenced engine modified per STC SE3630SW-D. Installed new TCM camshaft P/N 655384, Batch# 48750. Installed lifters p/n SA628488 int. p/n SA646277 exh. I/A/W Ram Dwg. 2813 Rev. A dated 11-19-09. AD 10-11-04 n/a to lifter p/n installed. AD 97-26-17 c/w per installation of new VAR crankshaft P/N 649134, S/N N08LA031 per TCM CSB96-8. Ultrasonic inspection per MSB96-10A, due at next overhaul or when crankshaft removed. AD 99-19-01 n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM MSB00-5D. Engine assembled with overhauled TCM heavy style crankcase P/N 654170, S/N EO19908R. Installed new ECI Titan Nickel cylinders. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. Installed new RAM/FAA/PMA fuel nozzles P/N 2562-14C. TCM Service Bulletin SB06-1A N/A per installation of RAM fuel nozzles. Installed new oil cooler P/N 8000545, S/N 1366194. Engine accessories exchanged for new or overhauled units with exception of vacuum pump, prop governor and alternator which were not installed per this work order. FAA/PMA SKYTECH C24ST5 LIGHT WEIGHT STARTER INSTALLED. THIS WILL REQUIRE A 337 WITH A WEIGHT AND BALANCE CHANGE. SEE WARRANTY TAG FOR DETAILS. New Slick pressurized magnetos p/n 6320 installed per STC SE4651SW-D and pressurized. Service Bulletin SB3-08A N/A to magneto serial numbers installed. AD 88-25-04 para (b) N/A to P/N 6320 but RAM recommends 100 hour or annual inspection of magnetos. MSB94-8D on magneto timing procedure c/w per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Engine modified to TSIO-520-R per Continental Service Bulletin M-75-6 Rev. 1. Installed RAM/FAA/PMA rocker arms P/N 1842-3 and 1842-4. AD 98-01-08 N/A per installation of RAM/FAA/PMA rocker arms. AD 79-25-07 P/C/W per engine mount leg P/N 643935 installed. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. Above referenced engine eligible for 1600 hr. TBO per TCM SIL98-9 Rev. A, Note 4. AD 96-12-22 N/A Cessna oil filter adapter not installed. Aluminum alloy engine parts were coated per RAM Specification No. 1142. Installed RAM-FAA-PMA rocker arm covers P/N 2766-1. Installed RAM-FAA-PMA rocker arm cover gaskets P/N 1387-1. Engine ground run on test stand per RAM specifications for 4 hours. Engine run-in with Phillips 20W-50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to 90 days. Pertinent details on file under Project No. 5676.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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**ARAPAHOE AERO**

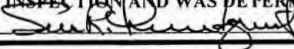
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N619SB Continental TSIO-520-R S/N: 217425-R Total Time: 1097.0

26 May 2011 Tach Time: 3396.8 Hobbs Meter: 1794.15 SMOH: 00.0

Installed this engine on Cessna T210M, s/n: 21062705 following overhaul by RAM Aircraft, CRS No. VA1R551K, project #5676, dated 04-04-2011, using new engine mounts p/n: J-12453-1, bolts and mount lock washers p/n: 0851559-1. Installed new engine grounding strap p/n: 0412007-8. Installed Reiff Preheat Systems turbo engine preheater system p/n: TL6 in accordance with Installation Instructions No. CH 2010-10 and HS 2010-10. Repaired, painted and reinstalled engine cooling baffles and fit new RAM baffle seals per DWG no. 1101. Installed new fuel, oil, pneumatic, and drain hose assemblies. Reinstalled McCauley propeller s/n: 783344 using new O-ring seal. Installed new Aero Tech propeller governor p/n: AT210488, s/n: 09202137 using new gasket. Reinstalled vacuum pump using new gasket. Engine was supplied from RAM Aircraft with new oil cooler, overhauled Airesearch turbocharger s/n: XB000005, overhauled Airesearch waste-gate s/n: IKR0119, overhauled turbo controller, overhauled pressure relief valve, overhauled alternator, and new Sky-Tec starter. Removed (6) (TCM) fuel injection nozzles p/n: 632748-14C and installed General Aviation Modification turboGAMIjector kit no. GT14C, s/n: 20793 per STC No. SE09289SC PMA no. PQ821SW in accordance with Installation Procedure no. IP-97-002, Rev. 001, dated 02-06-1997. Installed new modified exhaust system per Knisley Welding, Inc. STC No. SE5009NM in accordance with MMDL No. 1, Rev. G, dated 05-19-1993 using new gaskets and installation hardware. See FAA Form 337's this date for additional information. Installed turbocharger as outlined in Hartzell (SIL) No. A-142 Turbocharger and Turbine Housing Mount Tab Shim Washers. Installed new exhaust cross-over heat shield p/n: 1250930-11. Installed (2) new EGT probes p/n: 2870 on #5) and #6) cylinders. Serviced engine using Phillips X/C 20W50 type M oil. Pre-oiled engine with starter. Installed new set of Champion spark plugs supplied with engine. Checked and lubricated throttle, mixture and propeller controls and verified full stop-to-stop travel and proper control cushion. Installed new induction air box bracket p/n: 1250830-26 and new induction air filter. Adjusted manifold pressure, high RPM governor setting, high end and midrange fuel flow, low unmetered fuel pressure, idle speed and idle mixture as required per RAM Service Instructions and TCM SID No. 97-3E. **100 Hour Inspection for Annual** completed this date using the Cessna T210M Maintenance Manual Inspection Form and the RAM Service Manual Supplement Inspection form as a guide. **Cessna AD 71-09-07 R1 Exhaust Heat Exchanger**, effective 05-04-1971, visual inspection and pressure test of exhaust heat exchanger per Cessna Service Letter no. SE71-11 required every 100 hours with installation of Knisley Welding modified exhaust. Next heat exchanger inspection due **Tach Time: 3496.8**. **Cessna AD 96-12-22 Oil Filter Adapter**, effective 07-31-1996, no longer applies, affected Cessna oil filter adapter not installed, no further action required. AD's checked through Biweekly 2011-11. Post maintenance and inspection ground run-up, operational, and leak check good.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



Eric R. Lundquist A&amp;P 3442975 w/o 30410

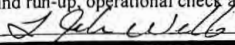
**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N619SB Continental TSIO-520-R S/N: 217425-R Engine Log Entry

20 July 2011 Tach Time: 3419.6 Hobbs Meter: 1813.6

Changed engine oil and filter using (Phillips X/C 20W50 type M). Cut old filter open and inspected, no contaminants noted. Oil sample taken and submitted. Removed turbocharger pressure relief valve installed 05-26-2011 and installed overhauled Airesearch unit P/N: 470944-9012, S/N: MA000069, overhauled by Ram Aircraft, CRS No. VA1R551K, W/O #62274, dated 04-08-2011 using new gasket. Post maintenance ground run-up, operational check and leak check good.



L. John Wells A&amp;P 3221132 w/o 30835

SUB-TOTALS this page

TOTALS—Carry forward to next page

# General Aviation Modifications, Inc.

2800 Airport Rd. Hangar A  
Ada, OK 74820  
(580) 436-4833  
Fax (580) 436-6622

## MANUFACTURER RELEASE CERTIFICATE

KIT NO. GT14C

Product Name: **turboGAMIjectors®**  
Fuel Injection Nozzles

STC No. : SE09289SC  
FAA-PMA

~~P/N: GA205 Qty. 1 Installation Location Cylinder: 1 Replaces TCM P/N 632748 14C~~  
~~P/N: GA205 Qty. 1 Installation Location Cylinder: 2 Replaces TCM P/N 632748 14C~~ GA205  
~~P/N: GM191 Qty. 1 Installation Location Cylinder: 3 Replaces TCM P/N 632748 14C~~  
~~P/N: GM191 Qty. 1 Installation Location Cylinder: 4 Replaces TCM P/N 632748 14C~~  
~~P/N: GE181 Qty. 1 Installation Location Cylinder: 5 Replaces TCM P/N 632748 14C~~  
~~P/N: GE181 Qty. 1 Installation Location Cylinder: 6 Replaces TCM P/N 632748 14C~~

Applicable to:

Engine Manufacturer : Teledyne Continental Motors

Engine Model(s): TSIO-520-R

**turboGAMIjectors®** Kit No.

GT14C

S/N

20793

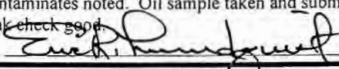
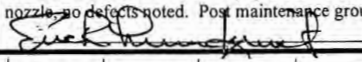
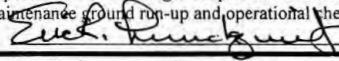
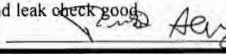
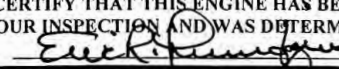
THE AERONAUTICAL PRODUCT DESCRIBED HEREON CONFORMS TO APPROVED  
TYPE DESIGN AND IS IN A CONDITION FOR SAFE OPERATION



Kare Weddle  
GAMI AUTHORIZED INSPECTOR

Date: 9-20-11

Please install the enclosed injector(s) for your kit S/N: 20793, in the appropriate cylinder. You may want to re-run the "lean test" as before to see if the spread has been improved. Please return the old injectors with a note as to who they are from and which kit s/n they belong to. You will notice that the new nozzles that we have sent you, have exactly the same part number as the old injectors. This is correct. We have changed the flow and have a record of what that is. We have also marked the new injectors with a cylinder number. In the future when the injectors are removed for maintenance please make sure that the injectors that are marked by cylinder are put in the correct cylinder. Thank you.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry				
22 August 2011	Tach Time: 3446.8			
Changed engine oil and filter using (Phillips X/C 20W50). Cut old filter open and inspected, no metal contaminants noted. Oil sample taken and submitted. Post maintenance ground run-up, operational and leak check good.				
				Eric R. Lundquist A&P 3442975 w/o 30773
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry				
27 September 2011	Tach Time: 3460.3			
Installed and identified new #2) cylinder GAMI injector p/n: GA205 and leak checked fuel injection nozzle, no defects noted. Post maintenance ground run-up and operational check good.				
				Eric R. Lundquist A&P 3442975 w/o 30410
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry				
30 September 2011	Tach Time: 3463.3			
Repositioned turbo charger coupler and installed and torqued new Breeze clamp p/n: 200-48H. Post maintenance ground run-up and operational check good.				
				Eric R. Lundquist A&P 3442975 w/o 30410
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry				
27 December 2011	Tach Time: 3486.0 Hobbs Meter: 1882.6			
Changed engine oil and filter using (Phillips X/C 20W50). Cut old filter open and inspected, no contaminants noted. Oil sample taken and submitted. Post maintenance ground run-up, operational check and leak check good.				
				Alberto Pizzato A&P 2522916 w/o 31409
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B Continental TSIO-520-R S/N: 217425-R Total Time: 1219.0				
29 June 2012	Tach Time: 3518.8 SMOH: 122.0			
100 Hour Inspection for Annual completed this date using the Cessna T210M Maintenance Manual Inspection Form and the RAM Service Manual Supplement Inspection form as a guide. Compression test: #1) 78/80, #2) 79/80, #3) 79/80, #4) 79/80, #5) 79/80, #6) 77/80. Changed engine oil and filter using Phillips X/C 20W-50. Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Adjusted alternator belt tension, torqued installation hardware and installed new safeties. Complied with Cessna AD 71-09-07 RI Exhaust Heat Exchanger, effective 05-04-1971, by visual inspection and pressure test of exhaust heat exchanger per Cessna Service Letter no. SE71-11 and Krisley Welding (ICA). Next heat exchanger inspection due Tach: 3618.8. Inspected and pressure tested exhaust system. Cleaned, inspected and reinstalled induction air filter. Installed new throttle control cable assembly p/n: MC9863053-13, adjusted for full stop-to-stop travel and proper cushion. Inspected and lubricated mixture and propeller controls. Relieved side cooling baffle adjacent to propeller control to prevent further contact with baffle assembly. Superior Air Parts AD 2012-03-06 (AFS) Fuel Servo Diaphragm, effective 02-24-2012, supersedes AD 2011-15-10, does not apply by fuel control manufacturer, TCM fuel injection system is installed, no further action required. AD's checked through Biweekly 2012-12. Post maintenance and inspection ground run-up, operational, and leak check good.				
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
				Eric R. Lundquist A&P 3442975 w/o 31974

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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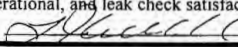
**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

1 February 2013 Tach Time: 3589.0 Hobbs Meter: 1994.3

Changed engine oil and filter using (Phillips X/C 20W-50). Serviced engine and checked accuracy of oil dip stick at one quart intervals. Oil dip stick is one quart "low" at the "Full" mark. Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Post maintenance ground run-up, operational, and leak check satisfactory.

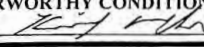
 L. John Wells A&P 3221132 w/o 32775
**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Total Time: 1327.8

6 July 2013 Tach Time: 3627.6 Hobbs Meter: 2037.1 SMOH: 230.8

100 Hour Inspection for Annual completed this date using the Cessna T210M Maintenance Manual Inspection Form and the RAM Service Manual Supplement Inspection form as a guide. Compression test: #1) 78/80, #2) 78/80, #3) 78/80, #4) 78/80, #5) 78/80, #6) 74/80. Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Cleaned, inspected, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Cleaned and resealed fuel injection nozzles. Next fuel injection nozzle servicing due Tach Time: 3827.6. Inspected fuel injection system for component condition and security. Inspected and cleaned fuel metering unit fuel inlet screen. Leak checked fuel system. Washed down engine using solvent. Complied with Cessna AD 71-09-07 R1 (Exhaust Heat Exchanger) effective 05-04-1971, by testing the complete exhaust manifold in the cabin heat exchanger area for cracks per AD and Cessna (SL) No. SE71-1 and Knisley Welding (ICA), no defects noted. Next heat exchanger inspection due Tach: 3727.6. Inspected and pressure tested exhaust system. Torqued "banjo" fittings and hose fittings on wastegate. Inspected wastegate and lubricated using Mouse Milk. Cleaned, inspected and reinstalled induction air filter. Inspected and lubricated throttle, mixture and propeller controls, operational check good. Repositioned and secured propeller governor cable to prevent further chafing on induction tube. AD's checked through Biweekly 2013-13. Post maintenance and inspection ground run-up, operational, and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

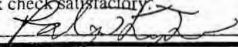
 Kevin Mosher A&P 3443784 w/o 33246
**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

8 October 2013 Tach Time: 3677.6 Hobbs Meter: 2094.2

Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Post maintenance ground run-up, operational, and leak check satisfactory.

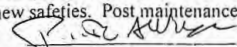
 Randy J. Knox, Jr. A&P 3227973 w/o 33657
**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

2 January 2014 Tach Time: 3702.1 Hobbs Meter: 2121.7

Installed new throttle cable mounted micro switch cable assembly P/N: S488567. Repaired and secured wiring on fuel pump micro switch and adjusted per AMM. Adjusted alternator belt tension and installed new safeties. Post maintenance ground run-up and operational check satisfactory.

 Alberto Pizzato A&P 2522916 w/o 33936

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**TOTALS—Carry forward to next page**



1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number 3308169	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number: 1150853	
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number
8	FILTER OIL	CH48108-1	N/A	12	N/A
12. Status/Mark New					
13. Remarks AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
PO# INV-30577					
14. Confirm the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			15. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in block 13 Certifies that unless otherwise specified in Block 15, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
16. Authorized Signature: <i>Keith Thompson</i>		17. Approval/Authorization No.: ODA-100129-CE		18. Authorized Signature:	
17. Name (Typed or Printed): KEITH THOMPSON		18. Date (month/day): NOV/30/2011		19. Name (Typed or Printed):	
				20. Date (month/day):	
<p><b>User/Installer Responsibilities</b></p> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 15 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					
FAA Form 8130-3 (8-01)		* Installer must cross check eligibility with applicable technical data.		NSN: 9010-00-010-9005	



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK			
N6195B	CESSNA	T210M	Sn:	21062705	Hobbs:	2131.5	03/04/2014
Changed oil using Aeroshell 100 - oil filter cut and inspected - no relevant defects noted - filter and drain plug secured and safetied - ground run / leak check performed - no relevant defects noted. END							
Name	A/P#					03/04/2014	
T Latchaw	3015635						

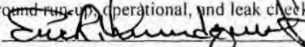
## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

15 April 2014 Tach Time: 3744.2

Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Repaired induction scat hose. Post maintenance ground run up, operational, and leak check satisfactory.



Eric R. Lundquist A&amp;P 3442975 w/o 34260

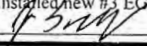
## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

6 May 2014 Tach Time: 3750.3 Hobbs Meter: 2176.0

Installed new #3 EGT probe (P/N: 2870). Operational check satisfactory.



Jeremy D. Trussell A&amp;P 610051913 w/o 34341

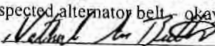
## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

23 May 2014 Tach Time: 3750.7 Hobbs Meter:

Removed and replaced alternator with overhauled unit (P/N: EOFF10300BAR, S/N: A413020). Unit overhauled by Aerotech of Louisville, Inc., CRS #PU4R453M, W/O 111293, dated Mar 12, 2014. Inspected alternator belt - okay. Operational check satisfactory.



Nathaniel Alan Beuthel A&amp;P 3659835 w/o 34381

## Lubbock Aero

6304 N. Cedar Ave., Lubbock, TX 79403

N#-6195B, S/N- 21062705, Tach time: 3761.7 Date: 6/16/14

Removed left side cowl and inspected for broken wires  
And power at alternator and all checked good. Customer stated that the alternator was installed 3 weeks ago.

Removed and replaced voltage regulator, found broken wire on plug going to voltage regulator, repaired broken wire on plug for voltage regulator. Run aircraft problem still exist. Performed more troubleshooting and leads to bad alternator. Reinstalled old voltage regulator back into system. Received overhauled alternator, removed and replaced alternator P/N on EOFF10300BA S/N on H-N091071.



Joseph Swim A&amp;P 455833861

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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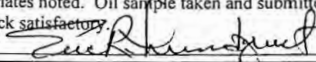
## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

25 June 2014 Tach Time: 3775.2 Hobbs Meter:

Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Post maintenance ground run-up, operational, and leak check satisfactory.



Eric R. Lundquist A&amp;P 3442975 w/o 34500

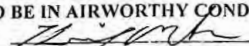
## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Total Time: 1491.7

24 July 2014 Tach Time: 3791.5 SMOH: 394.7

100 Hour Inspection for Annual completed this date using the Cessna T210M Maintenance Manual Inspection Form and the RAM Service Manual Supplement Inspection form as a guide. Compression test: #1) 72/80, #2) 78/80, #3) 76/80, #4) 76/80, #5) 78/80, #6) 74/80. No oil change, filter change or oil sample taken this inspection. Cleaned, inspected, gapped, tested, and rotated spark plugs. Adjusted timing of left and right magnetos to engine. Inspected fuel injection system for component condition and security. Leak checked fuel system. Inspected cooling baffles and seals for condition and security. Fabricated and installed #5) cylinder cooling baffle riveted surface doubler repair. Washed down engine using solvent. Reinstalled left hand exhaust system P/N: K1250860M-203 following repair by Knisley Exhaust Systems, CRS No. NJ3R712L, W/O# 149030, dated 07-18-2014 using (1) new bolt P/N: AN3C4A and existing hardware. Complied with Cessna AD 71-09-07 R1 (Exhaust Heat Exchanger) effective 05-04-1971, by testing the complete exhaust manifold in the cabin heat exchanger area for cracks per AD and Cessna (SL) No. SE71-11 and Knisley Welding (ICA), no defects noted. Next heat exchanger inspection due Tach Time: 3891.5. Installed and secured new #6) cylinder EGT probe P/N: 2870. Inspected and pressure tested exhaust system. Inspected turbocharger and waste gate for condition and security and lubricated wastegate using Mouse Milk. Installed new airbox to turbocharger inlet SCAT-16 air duct hose. Installed new induction air filter. Inspected and lubricated throttle, mixture and propeller governor controls. Correctly repositioned mixture control rod-end bearing washers, operational check good. AD's checked through Biweekly 2014-15. Adjusted high end fuel flow as needed. Post maintenance and inspection ground run-up, operational, and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



Kevin Mosher A&amp;P 3443784 w/o 34572

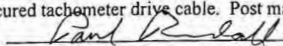
## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

18 August 2014 Tach Time: 3808.8 Hobbs Meter: 2241.3

Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no unusual contaminants noted. Oil sample taken and submitted. Cleaned, inspected, lubricated, reinstalled, and secured tachometer drive cable. Post maintenance ground run-up, operational, and leak check good.



Paul D. Randall A&amp;P 3081341 w/o 34700

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

15 October 2014 Tach Time: 3858.3 Hobbs Meter: 2296.3

Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no unusual contaminants noted. Oil sample taken and submitted. Post maintenance ground run-up, operational, and leak check good.



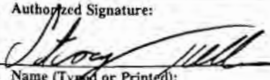
Scott L. Utz A&amp;P 3442269 w/o 34918

TOTALS—Carry forward to next page

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: H-N091071	
4. Organization Name and Address: <b>HARTZELL ENGINE TECHNOLOGIES, 2900 SELMA HWY., MONTGOMERY, AL. 36108 (1HZR769B)</b>				5. Work Order/Contract/Invoice Number: W/O: M234050	

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ALTERNATOR ***** MOD/NO END *****	EOFF10300BA	N/A	1	H-N091071	OVERHAULED

13. Remarks: COPY OF WORK ORDER AVAILABLE ON REQUEST FROM HARTZELL ENGINE TECHNOLOGIES CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL CERTIFICATE NUMBER EASA.145.4418 AND BY THE FAA AIR AGENCY CERTIFICATE NUMBER 1HZR769B. THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED AS MOD/NO & ORIG. MFG. COMPLIES WITH PPS-9001 LATEST REVISION. OVERHAULED PER CESSNA MANUAL #D5107-1-13.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: 1HZR769B
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): <b>STACY TOLLIVER</b>	23. Date (m/d/y): <b>SEP 30 2013</b>

#### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation  
Authority/Country:  
FAA/UNITED STATES

2.

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

INV #:

4. Organization Name and Address:

**Aerotech of Louisville, Inc.**

**2209 Watterson Trail**

**Louisville, KY 40299**

5. Work Order, Contract, or Invoice Number:

**W/O: 111293**

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	FORD ALTERNATOR	EOFF10300BA	N/A	1	S/N A413020	Overhauled

13. Remarks:

**This item was overhauled by Aerotech of Louisville, Inc. on**

**W/O # 111293 Dated 03/12/2014**

**FAA Approved repair station number PU4R453M.**

**Overhauled unit per overhaul manual TW5000**

14. Certifies the items identified above were manufactured in conformity to:

☐

Approved design data and are in a condition for safe operation

☐

Non-approved design data specified in Block 13

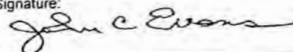
19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

16. Approval/Authorization No:

20. Authorized Signature:



21. Approval/Certificate No:

**PU4R453M**

17. Name (Typed or Printed):

18. Date(m/d/y):

22. Name (Typed or Printed):

**John C. Evans**

23. Date:

**03/12/2014**

## User/Installer Responsibilities

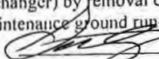
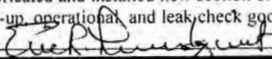
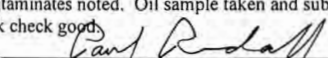
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

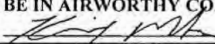
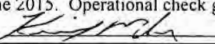
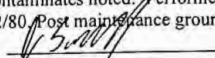
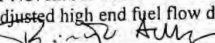
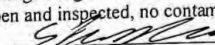
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE FORM 0-1E			3. Form Tracking No. (CC-MEDG-XXX) <b>110526-221</b>	
4. Organization Name and Address INSIGHT INSTRUMENT CORPORATION 899 INDUSTRIAL DRIVE PORT FRUIT, ONTARIO, CANADA L1A 5M1					11. Work Order/Contract/Invoice <b>N/A</b>	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/Track	
1	EGT Probe	2870	1	142690	NEW	
12. Remarks NONE						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in block 11.				13b. <input type="checkbox"/> CAR 371.13 Maintenance Release <input type="checkbox"/> Other regulations specified in block 11 Certifies that unless otherwise specified in block 11, the work described in block 11 and 12, has been performed in accordance with the Canadian aviation Regulations		
13c. Signature <i>[Signature]</i>		13d. Approved Organization Number 42-90		13e. Signature <i>[Signature]</i>		13f. Approved Organization Number
13g. Name <b>D. MARSHALL</b>		13h. Date (dd/mm/yyyy) <b>12 MAY 2011</b>		13i. Name <i>[Signature]</i>		13j. Date (dd/mm/yyyy)
(Previously form 24-0178)				Important: See notes		
<b>Installer Responsibilities</b>						
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Signatures in blocks 13e or 13f do not constitute certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry				
5 December 2014	Tach Time: 3892.1	Hobbs Meter: 2333.5		
Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Complied with Cessna AD 71-09-07R1 (heat exchanger) by removal of heat muff and pressure check of the heat exchanger. — no defects found. Post maintenance ground run-up, operational, and leak check good.				
 Scott L. Utz A&P 3442269 w/o 35087				
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry				
25 March 2015	Tach Time: 3928.2			
Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Replaced clamp (P/N: 200-48H) on turbo coupler. Fabricated and installed new section of drain line for intake drain on left side. Post maintenance ground run-up, operational, and leak check good.				
 Eric R. Lundquist A&P 3442975 w/o 35440				
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry				
15 July 2015	Tach Time: 3968.8	Hobbs Meter: 2419.0		
Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no unusual contaminants noted. Oil sample taken and submitted. Post maintenance ground run-up, operational, and leak check good.				
 Paul D. Randall A&P 3081341 w/o 35788				
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B Continental TSIO-520-R S/N: 217425-R Total Time: 1670.9				
14 August 2015	Tach Time: 3970.7	SMOH: 573.9		
100 Hour Inspection for Annual completed this date using the Cessna T210M Maintenance Manual Inspection Form, Knisley Welding (ICA), and the RAM Service Manual Supplement Inspection form as a guide. Compression test: #1) 76/80, #2) 66/80, #3) 76/80, #4) 76/80, #5) 10/80, #6) 76/80. Reinstalled #5) cylinder P/N: AEC 631397, S/N: 4914-7114 following repair by Aircraft Cylinders & Engines, Release Tag dated 08-07-2015. Cylinder assembly was reinstalled using new exhaust valve rocker arm shaft P/N: 652984, seals and gaskets. Checked dry tappet clearance and reinstalled valve rocker cover using new gasket. Lapped #2) and #3) cylinder exhaust valves and installed new #1), #2), #3), #4) and #6) cylinder exhaust valve Rotocoils P/N: 652112. Reinstalled exhaust valve rocker arm assemblies on respective cylinders and installed valve rocker covers using new gaskets. Changed engine oil and filter using (Phillips 20W-50 M). Cut oil filter open and inspected, no contaminants noted. Installed (12) customer supplied serviceable Champion RHB32E spark plugs. Removed left and right Slick magnetos Model No. 6320, S/N: 10090185 and S/N: 10090186 respectively for 500 hour inspection. Cleaned, inspected magnetos and installed new breaker points P/N: M3081, rotor seals P/N: M3062-10 and pressurization seal kits P/N: K3307. Assembled magnetos, set internal timing and torqued assembly hardware. Reinstalled magnetos using new gaskets P/N: 10-400613 and set timing of magnetos to engine. Next 500 hour inspection due at Tach Time: 4270.7. Inspected ignition harness and leads for condition and security. Cleaned and resealed fuel injection nozzles per GAMI (ICA). Next fuel injection servicing due Tach Time: 4170.7.				
<div style="display: flex; justify-content: space-between;"> <span>(Page 1)</span> <span>(Continued)</span> </div>				



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B	Continental	TSIO-520-R	S/N: 217425-R	Total Time: 1670.9
14 August 2015	Tach Time: 3970.7	SMOH: 573.9		
(Continued) (Page)				
Inspected fuel injection system for component condition and security. Inspected and cleaned fuel metering unit fuel inlet screen. Leak checked fuel system. Inspected cooling baffles and seals for condition and security. Installed new #1) cylinder cooling baffle support P/N: 1250969-4. Washed down engine using solvent. Inspected and pressure tested exhaust system. Inspected turbocharger and waste gate for condition and security and lubricated wastegate using Mouse Milk. Installed new induction air filter. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. Adjusted "high-end" fuel flow as needed. Post maintenance and inspection ground run-up, operational, and leak check good. Complied with Cessna AD 71-09-07 R1 (Exhaust Heat Exchanger) effective 05-04-1971, by testing the complete exhaust manifold in the cabin heat exchanger area for cracks per AD, Cessna (SL) No. SE71-11 and Knisley Welding (ICA), no defects noted. Next heat exchanger inspection due Tach Time: 4070.7. AD's checked through Biweekly 2015-16. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
				Kevin Mosher A&P 3443784 w/o 35827
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B	Continental	TSIO-520-R	S/N: 217425-R	Engine Log Entry
18 August 2015	Tach Time: 3971.6			
Removed alternator and installed overhaul/exchange alternator (P/N: EOFF10300BAR, S/N: H-P060188). Unit overhauled by Hartzell Engine Technologies, CRS # 1HZR769B, see their w/o M583810 dated 04 June 2015. Operational check good.				
				Kevin L. Mosher A&P 3443784 w/o 35907
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B	Continental	TSIO-520-R	S/N: 217425-R	Engine Log Entry
5 November 2015	Tach Time: 3995.6	Hobbs Meter: 2449.9		
Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Performed compression check : #1 70/80, #2 75/80, #3 72/80, #4 70/80, #5 75/80, #6 72/80. Post maintenance ground run-up, operational, and leak check good.				
				Jeremy D. Trussell A&P 610051913 w/o 36188
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B	Continental	TSIO-520-R	S/N: 217425-R	Engine Log Entry
11 November 2015	Tach: 4013.7			
Adjusted high end fuel flow down ¼ or one turn. Ground run up check good.				
				Alberto Pizzato A&P2522916 w/o 36244
<b>ARAPAHOE AERO</b>				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386				
N6195B	Continental	TSIO-520-R	S/N: 217425-R	Engine Log Entry
14 April 2016	Tach Time: 4052.4	Hobbs Meter: 2513.4		
Changed engine oil and filter using Phillips X/C 20W-50. Oil sample taken and submitted. Cut oil filter open and inspected, no contaminants found. Engine run up & leak check good.				
				Simon Rubino A&P 2670700 w/o 36664
<b>TOTALS—Carry forward to next page</b>				



1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 4680616
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215	5. Work Order/Contract/Invoice Number: 1473279	
6. Item: 5	7. Description: ROTCOIL	8. Part Number: 652112
9. Quantity: 5	10. Serial Number: N/A	11. Status/Work: New
12. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.		
PO# INV-37322		
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12.		
14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12		
13b. Authorized Signature: <i>[Signature]</i>		
13c. Approval/Authorization No.: ODA-100129-CE		
14b. Authorized Signature: <i>[Signature]</i>		
14c. Approval/Certificate No.:		
13d. Name (Typed or Printed): JOHN S. WALTON		
13e. Date (dd/mm/yyyy): 31/JUL/2015		
14d. Name (Typed or Printed):		
14e. Date (dd/mm/yyyy):		

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/airframe. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts aircraft engine(s)/propeller(s)/airframe(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02/14) NSN 0052-0012-9005

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 4680616
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215	5. Work Order/Contract/Invoice Number: 1473279	
6. Item: 1	7. Description: SHAFT ROCK	8. Part Number: 652984
9. Quantity: 7	10. Serial Number: N/A	11. Status/Work: New
12. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.		
PO# INV-37322		
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12.		
14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12		
13b. Authorized Signature: <i>[Signature]</i>		
13c. Approval/Authorization No.: ODA-100129-CE		
14b. Authorized Signature: <i>[Signature]</i>		
14c. Approval/Certificate No.:		
13d. Name (Typed or Printed): JOHN S. WALTON		
13e. Date (dd/mm/yyyy): 31/JUL/2015		
14d. Name (Typed or Printed):		
14e. Date (dd/mm/yyyy):		

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/airframe. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts aircraft engine(s)/propeller(s)/airframe(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02/14) NSN 0052-0012-9005

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 4660595
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 F Pawnee, Wichita, KS 67214	5. Work Order/Contract/Invoice Number: 1469036	
6. Item: 5	7. Description: TERMINAL	8. Part Number: A3770
9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New
12. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.		
PO# INV-37234		
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12.		
14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12		
13b. Authorized Signature: <i>[Signature]</i>		
13c. Approval/Authorization No.: ODA-100129-CE		
14b. Authorized Signature: <i>[Signature]</i>		
14c. Approval/Certificate No.:		
13d. Name (Typed or Printed): MARILYN K. FARBER		
13e. Date (dd/mm/yyyy): 14/JUL/2015		
14d. Name (Typed or Printed):		
14e. Date (dd/mm/yyyy):		

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/airframe. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts aircraft engine(s)/propeller(s)/airframe(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02/14) NSN 0052-0012-9005

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 4682758
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215	5. Work Order/Contract/Invoice Number: 1473645	
6. Item: 7	7. Description: SUPPLY PWR	8. Part Number: 622008-D102
9. Quantity: 1	10. Serial Number: 15053690	11. Status/Work: New
12. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.		
PO# INV-37325		
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12.		
14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12		
13b. Authorized Signature: <i>[Signature]</i>		
13c. Approval/Authorization No.: ODA-100129-CE		
14b. Authorized Signature: <i>[Signature]</i>		
14c. Approval/Certificate No.:		
13d. Name (Typed or Printed): JOHN S. WALTON		
13e. Date (dd/mm/yyyy): 03/AUG/2015		
14d. Name (Typed or Printed):		
14e. Date (dd/mm/yyyy):		

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/airframe. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts aircraft engine(s)/propeller(s)/airframe(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02/14) NSN 0052-0012-9005

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 4682758
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215	5. Work Order/Contract/Invoice Number: 1473645	
6. Item: 10	7. Description: SUPPORT	8. Part Number: 250969-4
9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New
12. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.		
PO# INV-37325		
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12.		
14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12		
13b. Authorized Signature: <i>[Signature]</i>		
13c. Approval/Authorization No.: ODA-100129-CE		
14b. Authorized Signature: <i>[Signature]</i>		
14c. Approval/Certificate No.:		
13d. Name (Typed or Printed): JOHN S. WALTON		
13e. Date (dd/mm/yyyy): 03/AUG/2015		
14d. Name (Typed or Printed):		
14e. Date (dd/mm/yyyy):		

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/airframe. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts aircraft engine(s)/propeller(s)/airframe(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02/14) NSN 0052-0012-9005

Item Cylinder  
Make and Model AEC 520  
Customer Apache Aero  
Part No. AEC 631397 Ser. No. 414-7114  
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.  
Date 8-7-15 Signed [Signature]

SERVICEABLE

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

16 July 2016 Tach Time: 4075.5 Hobbs Meter: 2539.7

Checked magneto timing, left at 24 degrees and right at 24.5 degrees. Set magnetos to 22 degrees. Pressure checked exhaust. Adjusted right cowl flap to match left open. Engine run up &amp; leak check good.

Scott L. Utz A&amp;P 3442269 w/o 36932

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Total Time: 1790.3

5 October 2016 Tach Time: 4090.1 SMOH: 693.3

100 Hour Inspection for Annual completed this date using the Cessna T210M Maintenance Manual Inspection Form, Knisley Welding (ICA), and the RAM Service Manual Supplement Inspection form as a guide. Compression test: #1) 72/80, #2) 73/80, #3) 68/80, #4) 68/80, #5) 78/80, #6) 74/80. Changed engine oil and filter using (Phillips 20W-50). Cut oil filter open and inspected, no contaminants noted.

Cleaned, inspected, gapped, tested, and rotated spark plugs. Adjusted timing of left and right magnetos to engine. Reconnected hose to magneto pressure filter using new ty wrap. Installed new diode assembly on battery contactor P/N: 0770728-1. Installed new TIT clamp probe P/N: 2871, S/N: 8512. Installed new #1EGT probe, P/N: 2870, S/N: 160041. Inspected ignition harness and leads for condition and security.

Inspected fuel injection system for component condition and security. Inspected and cleaned fuel metering unit fuel inlet screen. Leak checked fuel system. Inspected cooling baffles and seals for condition and security. Washed down engine using solvent. Inspected and pressure tested exhaust system. Inspected turbocharger and waste gate for condition and security and lubricated wastegate using Mouse Milk.

Installed overhauled Turbocharger P/N: 406610-9005, S/N: BD006182. Overhauled by Main Turbo Systems, Inc., CRS# MAMR190K, reference 8130-3 dated 03 October 2016, w/o# 51939. Removed turbo inlet for repair. Removed complete exhaust. Sent to Knisley Welding (ICA) for proper alignment.

Reinstalled turbo inlet and complete exhaust using new gaskets and original hardware. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. Complied with Cessna AD 71-09-07 R1 (Exhaust Heat Exchanger) effective 05-04-1971, by testing the complete exhaust manifold in the cabin heat exchanger area for cracks per AD, Cessna SL SE71-11 and Knisley Welding (ICA), no defects noted. Next heat exchanger inspection due Tach Time: 4190.1. AD's checked through Biweekly 2016-20. Post maintenance and inspection ground run-up, operational, and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE

WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Randy C. Johnson A&amp;P 3123186 w/o 37083

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

14 October 2016 Tach Time: 4108.1

Removed failed Sky Tec starter. Installed new starter P/N: C24ST5, S/N: 4C5-411611. Engine run up and leak check good.

Randy C. Johnson A&amp;P 3123186 w/o 37288

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

2 November 2016 Tach Time: 4116.3 Hobbs Meter: 2585.0

Removed alternator and installed an overhauled alternator (P/N: EOFF10300BA, S/N: H-P091164). Unit overhauled by Hartzell Engine Technologies, CRS #IHZR769B, reference 8130-3 dated 24 September 2016, w/o # M661020. Engine run up and leak check good.

Scott L. Utz A&amp;P 3442269 w/o 37371

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

13 March 2017 Tach Time: 4138.9 Hobbs Meter: 2611.1

Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Post maintenance ground run-up, operational, and leak check good.

Scott L. Utz A&amp;P 3442269 w/o 37787

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Engine Log Entry

DA

12 July 2017 Tach Time: 4180.1 Hobbs Meter: 2656.9  
 Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no  
 contaminants noted. Oil sample taken and submitted. Repaired broken wires to #1 CHT probe. Installed  
 new terminal ends and secured. Post maintenance ground run-up, operational, and leak check good.

Cody R. Robinson A&amp;P 3159980 w/o 38158

## ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N6195B Continental TSIO-520-R S/N: 217425-R Total Time: 1788.4

1 November 2017 Tach Time: 4207.6 SMOH: 810.8

**100 Hour Inspection for Annual** completed this date using the Cessna T210M Maintenance Manual  
 Inspection Form, Knisley Welding (ICA), and the RAM Service Manual Supplement Inspection form as a  
 guide. Compression test: #1) 70/80, #2) 70/80, #3) 70/80, #4) 65/80, #5) 62/80, #6) 68/80. Changed engine  
 oil and filter using (Phillips 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample  
 taken and submitted. Installed plastic anti-chafe tube over fuel drain cable to prevent further chafing on oil  
 dip stick tube. Applied RTV between oil cooler and baffle. Cleaned, inspected, gapped, tested, and rotated  
 spark plugs. Checked timing of left and right magnetos to engine. Inspected ignition harness and leads for  
 condition and security. Complied with GMAI 200 Hour Fuel Injection Nozzle Servicing by cleaned and  
 resealed fuel injection nozzles. Next fuel injection nozzle cleaning due Tach Time: 4407.6. Leak checked  
 fuel system. Inspected and pressure tested exhaust system. Inspected turbocharger and waste gate for  
 condition and security and lubricated wastegate using Mouse Milk. Inspected and lubricated throttle,  
 mixture and propeller governor controls, operational check good. Complied with Cessna AD 71-09-07 R1  
 (Exhaust Heat Exchanger) effective 05-04-1971, by testing the complete exhaust manifold in the cabin  
 heat exchanger area for cracks per AD, Cessna SL SE71-11 and Knisley Welding (ICA), no defects noted.  
 Next heat exchanger inspection due Tach Time: 4307.6. AD's checked through Biweekly 2017-22.  
 Post maintenance and inspection ground run-up, operational, and leak check good. **I CERTIFY THAT  
 THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION  
 AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

Randy C. Johnson A&amp;P 3123186 w/o 38450



227 Mt. Olive Airport Rd.  
 Mt. Olive, NC 28365

Ph. 919-635-1471

Date:  
 4/19/2018

Reg.No:  
 N6195B

Tach: 4250.6

Drained oil. Removed oil filter, cut, and inspected for  
 contaminants. Installed new CH48108-1 oil filter and safetied.  
 Serviced engine with 9qts. Aeroshell 15w50 oil. Lapped #3  
 and #5 exhaust valve. Compression #3 72/80 & #5 70/80.  
 Adjusted max manifold pressure and fuel flow.

*Michael L. Bass*  
 Michael L. Bass  
 A&P35300851A

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE \_\_\_\_\_

Registration #: N6195B  
 Manufacturer:



TACH: 4,243.10  
 HOBBS: 2,728.80  
 A/C Total Time:  
 Aircraft Serial No: 21062705  
 Date: 2018/01/22

Part/Model No:  
 Work Order No: 50-20074

## Squawk

- 2.1 **Discrepancy:** PERFORM COMPRESSION CHECK  
**Resolution:** PERFORMED COMPRESSION CHECK  
 POD: 44/80 #1: 71/80 #2: 70/80 #3: 70/80 #4: 73/80 #5: 20/80 #6: 77/80
- 2.2 **Discrepancy:** CHANGE OIL  
**Resolution:** DRAINED OIL, TOOK SAMPLE. REPLACED OIL FILTER AND ADDED 10 QTS PHILLIPS 20W50.  
 RAN UP AND PERFORMED LEAK CHECK NO LEAKS.

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH AND CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME IN RETURN TO SERVICE.

Pertinent details of maintenance are held in this Repair Station under Work Order No 50-20074 dated 1/9/2018.

Date: 2018/01/09

Signature:

Work Order: 50-20074

AP Number: 3652045

227 Mt. Olive Airport Rd.  
 Mt. Olive, NC 28365

Ph. 919-635-1471

Date:  
 9/12/2018

Reg.No:  
 N6195B

Tach: 4280.7

Drained oil. Removed oil filter, cut, and inspected for contaminants. Installed new CH48108-1 oil filter and safetied. Serviced engine with 9qts. Aeroshell 15w50 oil.

Michael L. Bass  
 A&P35300851A

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page



227 Mt. Olive Airport Rd.  
Mt. Olive, NC 28365

Ph. 919-635-1471

N6195B

Dec 5, 2018

Tach time:  
4293.7

Performed Annual inspection IAW FAR 43 app. D and Cessna guidelines. Performed compression test #1 78/80 #2 68/80 #3 78/80 #4 78/80 #5 75/80 #6 74/80. Drained oil and removed oil filter. Cut filter and inspected, no contaminants found. Replaced oil filter P/N CH48108-1. Serviced engine with 9 Qts of Aeroshell 15W50. Installed new #5 cylinder P/N: SA52006, overhauled and certified by Triad Aviation. Details under W/O: 24499, R/S: PP4R448M, dated 11/27/2018

I certify that this engine has been inspected IAW an annual inspection and has been found to be in airworthy condition and is approved for return to service.

*Don L. Stephenson*

Don L. Stephenson  
A&P28023091A



Ph. 919-635-1471

227 Mt. Olive Airport Rd.  
Mt. Olive, NC 28365

N6195B

TACH: 4332.3

**Maintenance Items:**

- ❖ Drained oil, opened and inspected oil filter for contaminants with no defects found. Installed new CH48108-1 oil filter and saftied. Serviced engine with 9 quarts Aero-Shell 15W50 oil. Ground run leak check: normal

The above work was performed in accordance with Cessna Series T210M MM. This engine has been approved for return to service.

*Don L. Stephenson*  
Don L. Stephenson

A&P28023091A  
Certificate #

08/19/2019  
Date:



227 Mt. Olive Airport Rd, Mt. Olive NC 28365

N6195B 78 Cessna T210M SN 21062705 Eng Cont TSIO-520 WO# 2367 TACH: 4339.5

Performed **Annual Inspection** in accordance with Cessna Model 210 & T210 Series 1977 thru 1984 Service Manual, MM# D2057-3-13, FAR 43 Appendix D, and local checklist as a guideline.

- ❖ Performed **compression check**: Eng #1 70/80, #2 80/80, #3 78/80, #4 75/80, #5 72/80, #6 72/80.
- ❖ Drained oil, removed oil filter, cut and inspected oil filter with no contaminants found
- ❖ Installed **new oil filter** P/N CH48108-1
- ❖ Serviced engine with 9 quarts of Aeroshell 15W50 oil

I certify that this aircraft engine was inspected in accordance with the above reference, found to be in airworthy condition, and is approved for return to service.

*Don L. Stephenson*  
Don L. Stephenson

A&P28023091A  
Certificate #

1/3/2020  
Date:



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

227 Mt. Olive Airport Rd, Mt. Olive NC 28365



N6195B WO 2577 SN: 21062705 1978 CESSNA T210 HOBBS: 2859.4 TACH: 4350.0 TTAF: 4350.0

- \* Complied with an Annual Inspection in accordance with Cessna 1977-1984 210 & T210 Series maintenance manual P/N: D2057-3-13, FAR 43, Appendix D, and local checklist as a guide.
- \* Performed engine compression check with these results: #1 64/80, #2 70/80, #3 68/80, #4 70/80, #5 70/80, #6 78/80.
- \* Drained oil, opened and inspected oil filter with no defects found. Installed new oil filter P/N: CH48108-1. Serviced engine with 9 qts Aeroshell 15W50 oil.

I certify that this aircraft engine has been inspected in accordance with AN ANNUAL INSPECTION, has been determined to be in airworthy condition, and is approved for return to service.

Don L. Stephenson  
Don L. Stephenson

A&P2802309IA  
Certificate #

Jan 4, 2021  
Date

227 Mt. Olive Airport Rd, Mt. Olive NC 28365



N6195E WO 2697 SN: 21062705 1978 CESSNA T210M HOBBS: 2869.8 TACH: 4359.5

Engine Model: TSIO-520-R Serial Number: 217425-R Engine Total Time: 1940.3 TSMOH: 962.7

- \* Removed engine model TSIO-520R S/N: 217425-R from aircraft in accordance with Cessna 210 & T210 Series MM P/n: D2057-3-13 and TSIO-520 MM P/N X30574 d. Packed and shipped to Western Skyways, Inc. for overhaul.

I certify that work on this aircraft engine was done in accordance with the above reference.

Michael Bass  
Michael Bass

A&P3530085IA  
Certificate #

5/14/2021  
Date

227 Mt. Olive Airport Rd, Mt. Olive NC 28365



N6195E WO 2697 SN: 21062705 1978 CESSNA T210M HOBBS: 2869.8 TACH: 4359.5

Engine Model: TSIO-520-R Serial Number: 217425-R Engine Total Time: 1940.3 TSMOH: 0

- \* Installed engine model TSIO-520R S/N: 217425-R on aircraft in accordance with Cessna 210 & T210 Series MM P/n: D2057-3-13 and TSIO-520 MM P/N X30574 after overhaul by Western Skyways. Ref: Western Skyways Engine Logbook.

I certify that work on this aircraft engine was done in accordance with the above reference.

Michael Bass  
Michael Bass

A&P3530085IA  
Certificate #

9/29/2021  
Date

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

N6195B

WO# S00367

Date: 4/18/2022

1978 CESSNA T210M

S/N: 21062705

MAINTENANCE PROPELLED  
TO EXCELLENCE

CONT. MOTOR TSIO-520-HCR S/N: 217425-R

TACH: 4381.9

AFTT: 4381.9

ETT: 1962.7

ETSOH: 22.4

- \* Complied with an **annual inspection** in accordance with Cessna 1977 - 1984 210 & T210 Series D2057-3-13, FAR 43, Appendix D, and local checklist as a guide.
- \* Performed **engine compression check** with good results: #1-72/80, #2-72/80, #3-78/80, #4-75/80, #5-79/80, #6-75/80.
- \* **Drained oil**, removed and inspected filter with no defects found. Installed **new oil filter P/N: CH48108-1** and service with **10 qts Aeroshell W100Plus oil**.
- \* Replaced **#5 cylinder head probe** with new P/N: 5050T.
- \* Replaced **turbo probe** with new P/N: -111
- \* Performed fuel system setup in accordance with TCM Manual, ops check normal, no leaks or defects noted at this time.

I certify that this engine has been inspected in accordance with AN ANNUAL INSPECTION, has been determined to be in airworthy condition, and is approved for return to service.

Don L. Stephenson

A&amp;P28023091A

Reg #: N6195B

Model: Cessna T210M

Serial #: 21062705

Work Order #: 25131



MAINTENANCE PROPELLED TO EXCELLENCE

Hobbs: 2899.3

Tach: 4384.1

Total Time:

Date: 5/2/2022

Adjusted manifold pressure at takeoff power as needed. Repaired T.I.T. & #5 CHT probe wiring as needed. Removed and replaced main battery with new P/N G242 S/N G03143076. Removed and replaced VAC pump due to worn vanes with new P/N AA3216CW S/N 01J316. Repaired standby VAC pump wiring as needed. Ground ran aircraft, systems ops check normal, no defects noted at this time. For Further details see WO# 25131 on file this station.

For: **Bass Aviation DBA Air Care**

FAA Repair Station

ACOR030C

5/18/2022

5/16/2022

N6195B

c-210

Engine Logbook

INT

Tach: 4390.2

Removed starter and installed skytec pm 24v starter. Ops checked good.

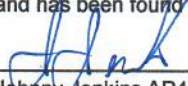
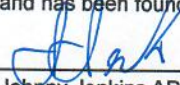
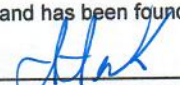
This Aircraft is in airworthy condition with respect to the work performed in this entry.

Signed

Robert Gianoli A&amp;P 3796539



1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: H-W032180	
4. Organization Name and Address: HARTZELL ENGINE TECHNOLOGIES, 2900 SELMA HWY., MONTGOMERY, AL 36108 PQ1383CE-D					5. Work Order/Contract/Invoice Number: M358140	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	STARTER **** END ****	C24ST5	1	H-W032180	NEW	
12. Remarks: AIRWORTHINESS APPROVAL- PARTS.FOR PMA ELIGIBILITY SEE WWW.HARTZELL.AERO/PMA/						
13a. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service: <input type="checkbox"/> Other regulation specified in Block 12:  Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: ODA-100082-CE		14b. Authorized Signature:		14c. Approval/Certificate No:
13d. Name (Typed or Printed): James Murphy		13e. Date (dd/mm/yyyy): 21-Mar-2022		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
<b>User/Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
<b>**Silver Comet Aviation LLC / 580 Airport Pkwy / Dallas, GA 30157**</b>					
Date: 6/17/2022	Aircraft: N6195B	Type: T210M	S/N: 21062705	Tach: 171.80	Total Time:
Engine: S/N:	Time:	Prop:	S/N:	Time:	
<p>1. Drained oil, installed new (AA48108-2) oil filter. Serviced engine with (10) qts Phillips Victory100 oil Operated engine, oil pressure normal, no leaks noted.</p> <p>This Aircraft / Engine has been repaired &amp; inspected using current manuals and current FAA Regulations and has been found to be "Airworthy" for return to service.</p> <p> Johnny Jenkins AP4485412IA</p>					
<b>**Silver Comet Aviation LLC / 580 Airport Pkwy / Dallas, GA 30157**</b>					
Date: 9/13/2022	Aircraft: N6195B	Type: T210M	S/N: 21062705	Tach: 4429.20	Total Time:
Engine: S/N:	Time:	Prop:	S/N:	Time:	
<p>1. Fuel Flow - Inspected exhaust, intake &amp; manifold pressure lines. Verified all connections secure. Attached pressure gauges &amp; performed engine fuel system ck per Continental SID97.3G. Adjusted aneroid on fuel pump for proper flow.</p> <p>2. #1 &amp; #4 Cylinders - Removed &amp; cleaned injectors, re-installed &amp; secured fuel lines.</p> <p>3. Manifold - Lubed waste gate linkage. Pressure normal.</p> <p>This Engine has been repaired &amp; inspected using current manuals and current FAA Regulations and has been found to be "Airworthy" for return to service.</p> <p> Johnny Jenkins AP4485412IA</p>					
<b>**Silver Comet Aviation LLC / 580 Airport Pkwy / Dallas, GA 30157**</b>					
Date: 10/4/2022	Aircraft: N6195B	Type: T210M	S/N: 21062705	Tach: 4435.60	Total Time:
Engine: S/N:	Time:	Prop:	S/N:	Time:	
<p>1. Drained oil, installed new AA48108-2 oil filter. Serviced engine with (10) qts Phillips 20W-50 oil. Added Camguard to oil. Operated engine, oil pressure normal, no leaks noted.</p> <p>2. #1 &amp; 4 GAMI Fuel Injectors - Installed new injectors per manufacturer instructions. Re-installed fuel injector lines &amp; manifold pressure lines. Operated engine, no fuel leaks noted (P/N- GA205, S/N- 20793-1, P/N- GM191, S/N- 20793-4)</p> <p>This Aircraft / Engine has been repaired &amp; inspected using current manuals and current FAA Regulations and has been found to be "Airworthy" for return to service.</p> <p> Johnny Jenkins AP4485412IA</p>					
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