RAM™
AIRCRAFT

ENGINE
MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N210GE

Engine Manufacturer Continental

Model TSIO-520-P

Serial No. 178042-71-C-R

Date installed on aircraft 6/24/14

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right ☐ Left

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708
FAX 254-752-3307
254/752-8381 1-800-445-9713

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
6/24/14	4158.9	0.0	3690.4

RAM Aircraft, Limited Partnership • Waco Regional Airport

CONTINENTAL TSIO-520-P S/N 178042-71-C-R

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/Continental SM X-30575 and I/A/W STC SE3630SW-D. 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 2/08/10. Installed above referenced engine on Cessna S/N 21000655. Installed new Continental camshaft p/n 655384, s/n 189149. Installed lifters p/n 658088 int. p/n 649134 exh. AD 10-11-04 n/a to lifter p/n installed. AD 97-26-17 c/w per installation of overhauled VAR crankshaft p/n 649134 s/n N11FA162 per Continental CSB96-8. C/W ultrasonic inspection per MSB96-10A. AD 99-19-01 n/a per crankshaft date of manufacture I/A/W Continental MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W Continental MSB00-5D. Engine assembled with overhauled Continental heavy style crankcase P/N 643991, S/N I19812R. Installed new Continental nickeled cylinders. Installed overhauled prop governor s/n 791691. Installed new Hartzell propeller model PHC-J3YF-1RF, s/n FP8352B per STC SA10615SC-D. Engine accessories exchanged for overhauled or new units except as noted. Re-used customer's vacuum pump s/n B28438. Installed RAM overhauled turbocharger p/n 465680-9004 s/n FHL00091. Installed General Aviation Modifications, Inc. turboGAMIjectors Kit No. GT14C s/n 13171 per STC SE09289SC. Continental Service Bulletin SB06-1A N/A per installation of GAMI fuel nozzles. New Slick pressurized magnetos p/n 6320 installed per STC SE4651SW-D and pressurized. Slick Service Bulletin SB3-08A N/A to magneto serial numbers installed. Slick Service Bulletin SB1-12 N/A per S/N. 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-P per Continental Service Bulletin M-75-6 Rev. 1. Installed RAM FAA-PMA rocker arms p/n 1842-3 and 1842-4. C/W AD71-09-07 R1 by visual inspection and pressure test. N/A to P210 but inspection recommended. Installed new Aeroquip integral firesleeved fuel and oil hoses meeting TSO-C53A Type D and TSO-C75 Type III. AD 79-25-07 C/W per engine mount leg p/n 643935 installed. Category 1 thru 3 Continental Service Bulletin Compliance Listing in RAM Manual. Engine serviced with Phillips multi-grade 20W50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. AD 96-12-22 N/A Cessna oil filter adapter not installed. Installed RAM FAA-PMA rocker arm covers p/n 2766-1. Installed RAM FAA-PMA rocker box cover gaskets p/n 1387-1. Engine ground run on test stand per RAM specifications for 4 hours. Engine pump pressure, idle, mixture, fuel flow, max RPM, manifold pressure, and oil pressure adjusted per Continental SID97-3F. Engine ground run power test good. All engine systems checked for leaks. Engine approved for return to service for the work performed. Pertinent details on file under Project No. 7261.

[redacted]

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

THE adlog™

AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

ENGINE MAINTENANCE RECORDS

THE adlog T.M. AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N210GE

Engine Manufacturer Continental

Model TSIO-520-P

Serial No. 178042-71-C-R

Date installed on aircraft 6-24-2014

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right ☐ Left
☐ Front ☐ Rear

AEROTECH PUBLICATIONS INC.
www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
6/24/14	4158.9	0.0	3690.4

RAM Aircraft, Limited Partnership • Waco Regional Airport

CONTINENTAL TSIO-520-P S/N 178042-71-C-R

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/Continental SM X-30575 and I/A/W STC SE3630SW-D. 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 2/08/10. Installed above referenced engine on Cessna S/N 21000655. Installed new Continental camshaft p/n 655384, s/n 189149. Installed lifters p/n 658088 int. p/n 649134 exh. AD 10-11-04 n/a to lifter p/n installed. AD 97-26-17 c/w per installation of overhauled VAR crankshaft p/n 649134 s/n N11FA162 per Continental CSB96-8. C/W ultrasonic inspection per MSB96-10A. AD 99-19-01 n/a per crankshaft date of manufacture I/A/W Continental MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W Continental MSB00-5D. Engine assembled with overhauled Continental heavy style crankcase P/N 643991, S/N I19812R. Installed new Continental nickeled cylinders. Installed overhauled prop governor s/n 791691. Installed new Hartzell propeller model PHC-J3YF-1RF, s/n FP8352B per STC SA10615SC-D. Engine accessories exchanged for overhauled or new units except as noted. Re-used customer's vacuum pump s/n B28438. Installed RAM overhauled turbocharger p/n 465680-9004 s/n FHL00091. Installed General Aviation Modifications, Inc. turboGAMIjectors Kit No. GT14C s/n 13171 per STC SE09289SC. Continental Service Bulletin SB06-1A N/A per installation of GAMI fuel nozzles. New Slick pressurized magnetos p/n 6320 installed per STC SE4651SW-D and pressurized. Slick Service Bulletin SB3-08A N/A to magneto serial numbers installed. Slick Service Bulletin SB1-12 N/A per S/N. 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-P per Continental Service Bulletin M-75-6 Rev. 1. Installed RAM FAA-PMA rocker arms p/n 1842-3 and 1842-4. C/W AD71-09-07 R1 by visual inspection and pressure test. N/A to P210 but inspection recommended. Installed new Aeroquip integral firesleeved fuel and oil hoses meeting TSO-C53A Type D and TSO-C75 Type III. AD 79-25-07 C/W per engine mount leg p/n 643935 installed. Category 1 thru 3 Continental Service Bulletin Compliance Listing in RAM Manual. Engine serviced with Phillips multi-grade 20W50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. AD 96-12-22 N/A Cessna oil filter adapter not installed. Installed RAM FAA-PMA rocker arm covers p/n 2766-1. Installed RAM FAA-PMA rocker box cover gaskets p/n 1387-1. Engine ground run on test stand per RAM specifications for 4 hours. Engine pump pressure, idle, mixture, fuel flow, max RPM, manifold pressure, and oil pressure adjusted per Continental SID97-3F. Engine ground run power test good. All engine systems checked for leaks. Engine approved for return to service for the work performed. Pertinent details on file under Project No. 7261.

[redacted]

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

Daniel Bruno Martinez Palacio

Reg. N210GE
Eng. Make Continental
Eng. Model TSIO-520-P
Eng. S/N 178042-71-C-R

Date 05-29-2015
TT: 4303.7 hrs
TSOH: 144.8 hrs
Tach: 3835.2 hrs

Performed an Annual Inspection per FAR Part 43, Apdx D. and Cessna Service Manual P/N: D2058-2-13 Rev. 2 06/03/1996 as a guideline. Compression test: 1) 78/80; 2) 79/80; 3) 76/80; 4) 78/80; 5) 79/80; 6) 78/80. Drained oil and removed oil filter. Cut oil filter for inspection and found no metal particles at this time, installed new filter P/N: CH48108-1. Serviced engine with 11 qts of Aeroshell oil W100. Replaced all spark plugs P/N: RHB32E. Cleaned fuel injectors. Lubed all engine controls. Checked magnetos timing. All AD's have been reviewed and complied with at this time. Ops checked and leaked checked good.
I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

[redacted] I/A [redacted]

JAMES B. McMANUS
[redacted]

Date AUG 01, 2013.
Reg. N210GE
Model P210N
S/N P21000655
Ac. Hrs. 3556.1 TACH

*DRAINED OIL AND REMOVED OIL FILTER. CHECKED FILTER FOR METAL, NO METAL NOTED AT THIS TIME. INSTALLED NEW CH48109 OIL FILTER, TORQUED AND SAFETED. SERVICED WITH 10 QTS AEROSHELL 100 AD OIL. INSPECTED GENERAL CONDITION OF ENGINE COMPARTMENT, OPS CHECKED AND LEAK CHECKED GOOD.

[redacted]

JAMES B. McMANUS

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

Carlos H. Diez De Pinos
[redacted]

Reg. N210GE **Date** 09-07-2015
Eng. Make CONTINENTAL **ETT** 4334.2 Hrs
Eng. Model TSIO-520-P **TSOH:** 174.5 Hrs
Eng. S/N 178042-71-C-R **Tach** 3865.7 Hrs

Removed oil filter and drain oil, checked oil filter for metal particles, not metal particles found at this time. Installed new oil filter P/N: CH48108-1. Serviced engine with 11 qts of Aeroshell Oil W100. Performed engine run up. Ops. checked and leak checked good. Returned engine to service.

[redacted]

A&P [redacted]

Carlos H. Diez De Pinos
[redacted]

Reg. N210GE **Date** 10-07-2015
Eng. Make CONTINENTAL **ETT** 4339.2 Hrs
Eng. Model TSIO-520-P **TSOH:** 179.5 Hrs
Eng. S/N 178042-71-C-R **Tach** 3870.7 Hrs

Removed oil filter and drain oil, checked oil filter for metal particles, not metal particles found at this time. Installed new oil filter P/N: CH48108-1. Serviced engine with 11 qts of Aeroshell Oil W100. Performed engine run up. Ops. checked and leak checked good. [redacted]

A&P [redacted]

Carlos H. Diez De Pinos
[redacted]

Reg. N210GE **Date** 12-09-2015
Eng. Make CONTINENTAL **ETT** 4345.0 Hrs
Eng. Model TSIO-520-P **TSOH:** 186.1 Hrs
Eng. S/N 178042-71C-R **Tach** 3876.5 Hrs

Replaced Wastegate P/N: 470908-9020, S/N: AC023346 with overhauled unit P/N: 470908-9020 (Alt P/N: 7C165006-0114), S/N: WK-L0101 IAW FAA Form 8130-3 of Approved Turbo Components Inc., FAA Repair Station # O7TR210O W.O.: 34713 and replaced the following exhaust components with new units: Stack Assy P/N: 2154000-47AWL, S/N: IL059-43; Stack Assy P/N: 2154000-43AWL, S/N: IL943-58; Tail Pipe Adapter Assy P/N: 2154001-7, S/N: 37665; Clamp Half P/N: 1555014-1 (2 units); Coupler P/N: 24540-250 (2 units); Gasket-W.G. P/N: 2570-1 (2 units); Gasket-Blow Proof/Cont P/N: 628260 (6 units); Clamp hardware kit P/N: 011-251; Stack Assy L/R P/N: 2154000-50AWL, S/N: IL053-42; Collector Assy P/N: 2154000-55AWL, S/N: IN959-70; Elbow P/N: 2154000-64AWL, S/N: IM336-53; Risers P/N: 2154002-3AWL S/Ns: IO516-208, IO516-209, IO516-211, IO516214; Riser P/N: 1250860-117AWL, S/N: IL062-45; Tube Assy-Crossover P/N: 2154000-68AWL, S/N: IM335-41; Tail Pipe Assy P/N: 2154015-6, S/N: IO194 and EGT Probe Kit P/N: 1280 (6 units). All the above work performed IAW Cessna Service Manual Model P21 Series P/N: D2058-2-[redacted] checked and leaked checked good. Returned engine to service.

A&P [redacted]

Date	Total Time In Service	Total Time Since Overhaul	Tach Time
3-14-2016	4366.5	207.6	3998.0

RAM™
RAM Aircraft, Limited Partnership • Waco Regional Airport

Continental TSIO-520-P S/N 178042-71-C-R

Disassembled, cleaned and inspected cylinders, honed to ring finish. New rings gapped and fit to pistons and cylinders. Leaked checked valves. Reinstalled cylinder assemblies. Serviced engine with 100W Aeroshell mineral oil and Champion CH4818-1 filter. All engine systems checked for leaks. Engine is approved for return to service for work performed. Pertinent details on file under Project No. 7978.

[redacted]

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
				TOTALS brought forward from previous page

ENGINE MODEL:
TSIO-520-P
ENGINE S/N:
178042-71-C-R
REG. NO: N210GE
WORK ORDER:
4422-05-2016

Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 6/10/2016
A/C TSN: 4392.5
ENG TT: 4392.5
TSMOH: 233.6
TACH: 3924.4

Engine Entries

Completed an annual inspection Ref Cessna P210 AMM. Performed a cylinder compression test using a differential compression tester with a calibrated orifice value of 44 PSI as follows: #172, #2/72, #3/74, #4/70, #5/68, #6/74 over 80. Drained oil and inspected oil filter for contaminates (AOA sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 10 Qts. Aeroshell W100. Ran engine and checked for leaks. Installed (12) new spark plugs P/n URHB32E. Installed new magneto pressure filter P/n 1396-2. Checked magneto timing. Inspected and cleaned all fuel injector nozzles. Reinstalled nozzles in their assigned positions with new o-rings P/n AS3578-010 and new washers P/n 640612. Purged fuel system and checked for leaks. Inspected and cleaned fuel controller inlet screen. Inspected continuous flow fuel injection system per TCM S1D97-3G. Checked ADs thru BW 2016-12. Superior Air Parts Investment Cast Cylinder AD 2014-05-29 is N/A by ECI cylinders are currently installed.... C/W Airwolf Airsep ICA Ref. AFC-W360 Rev C by cleaning the inside of the AirSep and oil return line with mineral spirits. Next due: 6/2018 or Tach: 4024.4.... I certify that this Engine has been inspected in accordance with a 100 HR/Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N210GE was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 4422-05-2016.

DATE: 6/10/2016 SIGNED [redacted] Work Order: 4422-05-2016

Philip L Zwahr, A&P[redacted] Printed by EBis 3 (datcomedia.com)

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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

C.A. Aviation Inc.

[redacted]

N201GE SN: P20100655 Tach : 3948.0

Complied with Annual inspection IAW Cessna P210 MM. Jacked aircraft and ran gear through three cycles complete. Completed emergency extension. Cycled gear one time after through normal operation. Lubricated landing gear, Greased wheel bearings.Removed aircraft from jacks. Removed interior and wing panels. Complied with far 91.207 ELT inspection and found no faults. Complied with AD 2011-10-09 and found Copilot seat tracks to be damaged. Removed seat tracks and replaced with Mcfarland seat tracks. Removed Shimmy damper and repaired broken shaft internally. Resealed and reinstalled on aircraft. Removed turbo Charger and had overhauled by Aircraft Accessories. Received overhauled turbo and installed. Removed prop and clocked properly IAW Hartezell maintenance manual. Installed new TIT prob. Inspected exhaust system for leaks none noted at this time. Installed new paper induction filter. Installed new instrument air filter and new vacuum filter. Changed oil and filter. Compressions as follows #1 72 #2 69 #3 74 #4 75 #5 72 #6 72 all over 80. Complied with current Bieweekly Ad's. Operational check of systems found normal. Test flight found systems operating normally. I certify that this aircraft and engine and propeller have been inspected IAW an annual inspection and found to be in and airworthy condition this time and date. .----------

---------- End

Christopher A Albrecht [redacted]

SUB-TOTALS this page

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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	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Aircraft Engineering, Inc.

[redacted]

DATE: 5/19/2017 **TACH:** 3971

N210GE ENGINE **WO# A 51732**

1 ALTERNATOR DROPS OFF LINE RECYCLE ALTERNATOR SWITCH AND RESET FOR 15 MINUTES

4 REMOVED AND REPLACED REGULATOR WITH PLANE POWER ASSEMBLY AND SET VOLTAGE 28.3V. LOW VOLTAGE LIGHT NOW OVER VOLTAGE LIGHT

THE AIRCRAFT, ENGINE(S), OR COMPONENT ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WOR[redacted] 5/19/2017

SIGNED: BILL TURLEY FOR AIRCRAFT ENGINEERING, INC. INSPECTION AUTHORIZATIO[redacted] BARTOW FLORIDA 33830

08-03-2017 WO 55180 N210GE P210N SN P21000655 TACH 3987.7

Installed a Stratus Power USB Power Supply IAW Appareo Manual 600840-000041, Revision 1.0, dated December 15, 2016. No change to aircrafts weight and balance.

[redacted]

CRS ZM3R029M
Arizona Air-Craftsman

Mitchell Ramsay

Statements in Block 13a and 14a do not constitute installation certification. In all cases, the nationalr egulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

Page No. _____

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
	4545	387	4077	**TOTALS** brought forward from previous page

Aircraft Engineering, Inc.

[redacted]

ANNUAL STATEMENT

N210GE

Date 5/24/2018 SMOH 387

TACH 4077 Total Time 4545

I certify that this **Engine** has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition.

AD'S checked thru GD 2018-08, AD list on file

For det[redacted]

Bill Turley Signature Inspection Authorizatio[redacted]

Aircraft Engineering, Inc.

[redacted]

DATE: 5/24/2018 **TACH:** 4077

N210GE **ENGINE** **WO# A 5189**

1 ANNUAL INSPECTION COMPLETED
2 COMPRESSION TESTED TO 80 PSI AS PER SB 03-03, ALL CYLINDERS GOOD
3 CHANGED OIL AND FITLER, SERVICED WITH 10 QT PHILLIPS 20W50
4 CLEANED AIR FILTER
5 AD 81-23-3 EXHAUST PRESSURE TEST AND INSPECTION COMPLETED,
6 REPAIRED LEAK CYLINDER #6, CLAMP LOOSE
7 AD 88-25-4 MAGNETO INSPECTION COMPLETED, INSTALLED NEW SEAL KITS
8 REMOVED AND REPLACED 1 SPARK PLUG WITH NEW P/N URHB32
9 REMOVED AND REPLACED PRESSURE DUCT FROM TURBO TO INTERCOOLER WITH NEW
10 TEST RUN UP NORMAL

1. Approving Civil Aviation Authority/Country: FAA/United States

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 6155558

4. Oranization Name and Address:
Textron Aviation Inc. (PC4)
Textron Aviation Inc.
1 Cessna Blvd, Wichita, KS 67215

5. Work Order/Contract/Invoice Number: 3099517

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
160	DUCT	S2380-2	1	N/A	New

12. Remarks:
AUTHORIZED RELEASE DOCUMENT

PO#: 03147

13a. Certifies the items identifed above were manufactured in conformity to:
☒ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12.

14a. ☐ 14 CFR 43.9 Return to Service ☐ 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: [redacted]

13c. Approval/Authorization No.: PC4

14b. Authorized Signature

14c. Approval/Certificate No.

13d. Name (Typed or Printed): JOHNNY GLOVER

13e. Date (dd/mmm/yyyy): 07/May/2018

14d. Name (Typed or Printed)

14e. Date (dd/mmm/yyyy)

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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.

[illegible]ements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in [illegible]dance with the national regulations by the user/installer before the aircraft may be flown.

[illegible]rm 8130-3 (02-14) NSN: 0052-00-012-9005

Aircraft Engineering, Inc.

[redacted]

DATE: 11/3/2018 **TACH:** 4125

N210GE **ENGINE** **WO# A 101841**

1 CHANGED OIL AND FILTER, SERVICED WITH 10 QT PHILLIPS 20W50
2 LUBRICATED WASTE GATE ASSEMBLY
3 OIL TEMP FLUCTUATES ON JPI, REPAIRED WIRE
4 TEST RUN UP NORMAL

THE AIRCRAFT, ENGINE(S), OR COMPONENT ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

UNDER W[redacted]TE: 11/3/2018

SIGNED: BILL TURLEY FOR AIRCRAFT

ENGINEERING, INC. INSPECTION AUTHORIZATIO[redacted] ARTOW FLORIDA 33830

S[illegible]

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVI	TOTAL TIME	TACH OR RECORDING	DESCRIPTION OF WORK PERFORMED— FORMING WORK
	TAC 4169			
	TT 4637			
	SMOH 479			

P.F. flyers

May 28, 2019 N210GE

Troubleshot inoperative alternator and found field wire broken. Repaired alternator field circuit wire. Engine ran and alternator charged system. Aircraft returned to service.

[redacted]

John Pruden A&P [redacted]

Aircraft Engineering, Inc.

[redacted]

ANNUAL STATEMENT

N210GE

Date 6/2/2019 SMOH 479
TACH 4169 Total Time 4637

I certify that this **Engine** has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition.
AD'S checked thru CD 2019-04. AD list on file
For deta[redacted]

Bill Turley Signature Inspection Authorizati[redacted]

Aircraft Engineering, Inc.

[redacted]

DATE: 6/2/2019 **TACH:** 4169
N210GE ENGINE WO# A 61934

1 ANNUAL INSPECTION COMPLETED
2 COMPRESSION TESTED TO 80 PSI AS PER SB 03-03, ALL CYLINDERS GOOD
3 CHANGED OIL AND FILTER, SERVICED WITH 10 QT 20W50
4 LUBRICATED WASTE GATE ASSEMBLY
5 AD 81-23-3 EXHAUST SYSTEM INSPECTION SOMPLETED
6 CLEANED AND SERVICED AIR FILTER
7 REMOVED AND REPLACED 2 EXHAUST CLAMPS
8 REMOVED AND REPLACED 6 SPARK PLUGS WITH NEW P/N URHB32E
9 AD 85-25-4 MAGNETO INSPECTION COMPLETED
10 TEST RUN UP NORMAL

Aircraft Engineering, Inc.

[redacted]

DATE: 10/15/2019 **TACH:** 4193
N210GE ENGINE WO# A 101917

1 CHANGED OIL AND FILTER, SERVICED WITH 9 QT PHILLIPS 20W50
2 TEST RUN UP NORMAL

THE AIRCRAFT, ENGINE(S), OR COMPONENT ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK [redacted] 10/15/2019
SIGNED: _____ BILL TURLEY FOR AIRCRAFT
ENGINEERING, INC. INSPECTION AUTHORIZATION [redacted] BARTOW FLORIDA 33830

Page No. _____

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
	4703	545	4235	**TOTALS** brought forward from previous page

Aircraft Engineering, Inc.

[redacted]

ANNUAL STATEMENT

N210GE

Date 7/16/2020 SMOH 545

TACH 4235 Total Time 4703

I certify that this **Engine** has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition.

AD'S checked thru CD 2020-04 AD list on file

For [redacted]4

Bill Turley Signature Inspection Authorization [redacted]

Aircraft Engineering, Inc.

[redacted]

DATE: 7/16/2020 **TACH:** 4235

N210GE **ENGINE** **WO# A 62024**

1 ANNUAL INSPECTION COMPLETED
2 COMPRESSION TESTED TO 80 PSI AS PER SB 03-03, ALL CYLINDERS GOOD
3 CHANGED OIL AND FILTER, SERVICED WITH 10 QT 20W50
4 CLEANED AND SERVICED AIR FILTER, REPLACEMENT DUE IN 200 HOURS
5 AD 81-23-3 EXHAUST SYSTEM INSPECTION COMPLETED
6 LUBRICATED WASTE GATE ASSEMBLY
7 AD 85-25-4 MAGNETO INSPECTION COMPLETED, 500 HOUR INSPECTION AND
8 OVERHAUL COMPLETED P/N 6320 S/N 14030589 AND S/N 14030590
9 REMOVED AND REPLACED OIL FILLER GASKET WITH NEW
10 TEST RUN UP NORMAL

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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
	4257	567	4725	**TOTALS** brought forward from previous page

Aircraft Engineering, Inc.

[redacted]

ANNUAL STATEMENT

N210GE

Date 8/16/2021 SMOH 567

TACH 4257 Total Time 4725

I certify that this **Engine** has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition.

AD'S checked thru CD 2020-21 AD list on file

For detai[redacted]6

Bill Turley Signature Inspection Authorizatio[redacted]

Aircraft Engineering, Inc.

[redacted]

DATE: 8/16/2021 **TACH:** 4257

N210GE **ENGINE** **WO# A 72116**

1. Annual Inspection - Completed
2. Compression Test @ 80 PSI - SB03-03 All Good
3. Oil & Filter Change 10 Qts Phillips 20W50 - Completed
4. Remove & Replace New Engine Air Filter
5. AD 81-23-03 Exhaust System Inspection - Completed
6. AD 85-25-04 Magneto Inspection - Completed
7. AD 2020-19-06 Propeller Governor Inspection - N/A Due To Serial Number
8. Remove & Replace Overhauled Alternator
   P/N: E3FF10300AA S/N: 210076

THE AIRCRAFT, ENGINE(S), OR CONPONENT ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

UNDER WO[redacted] DATE: 8/16/2021

SIGNED: BILL TURLEY FOR AIRCRAFT

ENGINEERING, INC. INSPECTION AUTHORIZATION[redacted] BARTOW FLORIDA 33830

1. Approving Civil Aviation Authority/Country: FAA/United States	2. AUTH
4. Organization Name and Address: Modified Aircraft Accessories, Inc. 800 Brooks	
6. Item: 1	7. Description: Ford Alternator
	8. Pa
12. Remarks: The work specified on Work Order 17133 incl Manufacturers Specifications: D5108-13	
13a. Certifies the items identified above were manufactu	

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			TOTALS—Carry forward to next page

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DATE

AMERICAN AVIATION

REG. N210GE
MODEL TSIO-520-P
S/N 178042-71-C-R
DATE 02/09/2022

HERNANDO COUNTY AIRPORT
2495 BROAD STREET
BROOKSVILLE, FLORIDA 34604
PHONE (352) 796-5173
FAX (352) 799-4681
FAA REPAIR STATION #TZ4R562M

W.O. 22-6534
TACH 4301.6
T.T 4770.1
TSMOH 611.2

- ✈ FOUND EXHAUST PIPE TO RISER ON THE #6 CYLINDER HAS A LOOSE FIT. STRETCHED THE RISER DIAMETER TO FIT THE EXHAUST TIGHTLY. INSTALLED ALL NEW CLAMP HARDWARE. CLEANED AND PAINTED THE BAFFLE AROUND #6 TO REMOVE EXTREME EXHAUST STAINING.
- ✈ REMOVED THE EXHAUST. FOUND THE TURBO HARDWARE IS INCORRECT AND TURBO FLANGE GASKET IS MISSING. TURBO MOUNTS RUSTED AND PITTED. PAINTED THE TURBO MOUNTING BRACKETS AND REPLACED ALL MOUNTING HARDWARE. INSTALLED A NEW TURBO FLANGE GASKET P/N 640877. REINSTALLED EXHAUST SYSTEM AFTER MAINTENANCE USING NEW GASKETS P/N 652458 (6 EA).
- ✈ COMPRESSION CHECK RESULTS: 1.) 64/80 2.) 72/80 3.) 35/80 4.) 40/80 5.) 74/80 6.) 72/80 INSTALLED OVERHAULED CYLINDER IN THE #3 AND #4 POSITION.
- ✈ INSTALLED #3 RAM CYLINDER P/N CL71.4-231-OH S/N 80897-01 AND INTAKE ROCKER ARM P/N 652131 AFTER OVERHAUL BY RAM AIRCRAFT, LIMITED PARTNERSHIP UNDER WORK ORDER #24505 DATED 18/NOV/2021 AND WORK ORDER #024907 DATED 17/DEC/2021. SEE 8130-3. INSTALLED USING A NEW GASKET SET P/N 520-T1, PISTON PIN, ROCKER PINS AND ROCKER SHIMS IAW SB96-7D.
- ✈ INSTALLED #4 RAM CYLINDER P/N CL71.4-231-OH S/N 80789-38 AND INTAKE ROCKER ARM P/N 652130 AFTER OVERHAUL BY RAM AIRCRAFT, LIMITED PARTNERSHIP UNDER WORK ORDER # 024244 DATED 27/OCT/2021 AND WORK ORDER # 024719 DATED 08/DEC/2021. SEE 8130-3. INSTALLED USING A NEW GASKET SET P/N 520-T1, PISTON PIN, ROCKER PINS AND ROCKER SHIMS IAW SB96-7D.
- ✈ REMOVED EXHAUST AND INSPECTED #6 CYLINDER. FOUND THE RISER CLAMP LEAKS AND HAS INCORRECT HARDWARE. INSTALLED NEW BOLTS P/N AN3-4A (4 EA), NUTS P/N 130909N29 (4 EA) AND SPACERS P/N 1555045-1 (2 EA). REINSTALLED EXHAUST AFTER MAINTENANCE.
- ✈ DRAINED OIL FOR CYLINDER CHANGE. SERVICED ENGINE WITH 10 QTS OF AEROSHELL W100 MINERAL OIL. PREOILED ENGINE. TEST RAN AND LEAK CHECKED. NO DEFECTS NOTED.
- ✈ REMOVED INTAKE PIPES AND REINSTALLED WITH NEW HEAT SHIELDS P/N MC0750143-1 (4 EA), LOCK WASHER P/N MS35335-35 AND GASKETS P/N 649959 (6 EA).
- ✈ REMOVED AND REINSTALLED THE EGT/CHT SYSTEM PROBES AFTER MAINTENANCE.

MAINTENANCE RELEASE:

The aircraft and/or component identified above was repaired and inspected in accordance with current instructions contained in The Cessna P210N Maintenance Manual and the maintenance rules of the F.A.R.'s under which the operator is certified. The aircraft and/or component was determined to be in airworthy condition and is approved for return to service as per these requirements. Pertinent details of the repair are on file at this agency under work order # 22-6534 .

AUTHORIZED INSPECTOR: [redacted]

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