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DATE	RECORDING	TACH	TIME	TODAYS	FLIGHT	TOTAL	SERVICE	Description of Inspections, Tests, Repairs and Alterations
								Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

WO: PCMA19-107
 Global Aero Maintenance
 4007 Airport Road · Plant City, FL 33563 · 8636515557 · CRS# N/A



Airframe - page 1 of 4

N8080M
 Tach: 1866.8

CESSNA, 310I, S/N: 310I0080
 December 16, 2019

1. Performed annual inspection IAW Cessna MM. Inspection complete.
2. Removed and replaced 3ea rivnuts and removed numerous stripped screws. IAW Cessna model 310 MM and SRM.
3. Replaced brake linings on LT and RT main gear brake assembly with 10 pcs of brake lining Rapco P/N RA066-03300 and 2 pcs of brake lining Cleveland P/N 066-03300 IAW CESSNA 310 MM and Cleveland MM. Installed (10) RA066-03300 - Lining, Brake, Installed (2) 066-03300 - Lining, Brake.
4. Removed and replaced 2ea vacuum system filters with PN ARB3-5-1. IAW Cessna model 310 MM Installed (2) ARB3-5-1 - Vacuum filter, garter.
5. Replaced both cup bearings P/N 13830 and both cone bearings P/N 13889 on nose wheel, replaced the inner-tube MICHELIN P/N 092-315-0 6.00 X 6 for a new inner-tube GOOD YEAR P/N 302-246-401 6.00 X 6, packed the bearings and inflated tire with nitrogen to 24 psi. Installed back to the aircraft IAW CESSNA 310 MM. Installed (1) 302246401 - Tube, tire, Installed (1) 13830 - Bearing, Thrust, Installed (1) 13830 - Bearing, Thrust, Installed (2) 13889 - bearing, Installed (1) an310-5 - Nut.

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19					

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Airframe - page 2 of 4



Global Aero Maintenance - 4007 Airport Road - Plant City, FL 33563 - 8636515557 - CHS# N/A

6. De-paneled and reinstalled panels on the aircraft after annual inspection installed (12) AN525-10R7 - Screw, washer head.
7. Removed and replaced stripped 1ea nutplate on LTW tip tank. IAW SRM.
8. Removed and replaced 2ea nutplates on RTW tip tank. IAW SRM installed (4) CCR264CS3-04 - Rivet.
9. LTW tip tank access panel has 3ea stripped nutplates.
10. Lubricated aircraft IAW Cessna MM.
11. Removed aircraft interior to facilitate annual inspection. Reinstall aircraft interior after the annual inspection IAW Cessna model 310 MM. Installed (8) AN3-5A - Bolt, undrilled.
12. Cleaned below interior floor boards of debris.
13. ELT removed to facilitate inspection. Inspected ELT and battery. Checked good. Tested ELT IAW FAR 91.407(d). Checked good. Battery due change 3 May 2021.
14. Jacked aircraft. Performed retraction check. Check good. performed emergency extension. Checked good. Performed 2 more cycles to verify operation after manual extension. Checked
15. Removed and replaced gasket. Leak check good. Installed (1) 751-872 - Gasket.

16. Replaced the spring P/N 26417A, gasket P/N 26405 on Filter-Heater fuel assembly and new safety wire IAW Cessna 310 MM, installed (1) 26417A - Spring, installed (1) 26405 - Gasket.
17. Lt engine in box exhaust fairing rivets loose/missing installed (20) CR3213-4-2 - Rivet, CherryMax, installed (3) CR3213-4-3 - Rivet, CherryMax, installed (31) CR3213-5-2 - Rivet, CherryMax, installed (8) CR3213-5-3 - Rivet, CherryMax.
18. install cowl.
19. inspected environmental control and defrost systems for defects, defrost lever in cockpit was found loose and control arm was unable to move, tightened down cable in cockpit.
20. Found the control arm for the defrost system unable to move and missing hardware, lubricated defrost cable and control arm, and installed clamp to hold cable in position, removed scatt tubing to verify movement of door, ops check for cable movement was good, reinstalled scatt tubing.
21. Replaced the gaskets on the LT gascolator with new gaskets P/N 33-199-6 IAW Cessna model 310 MM installed (2) 33-199-6 - gasket.
22. This aircraft has been inspected IAW Cessna MM's for an Annual/100-Hour inspection and has been determined to be in an airworthy condition.

Global Aero Maintenance - 4007 Airport Road - Plant City, FL 33563 - 8636515557 - CRS# N/A



Auftragne - page 3 of 4

WD: PCMT9-107

DATE	RECORDING	TACH	TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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Airframe - page 4 of 4



Global Aero Maintenance • 4007 Airport Road • Plant City, FL 33563 • 8636515557 • CPS# N/A

The above maintenance has been performed IAW current FAR's and Manufacturers Maintenance Instructions and is considered approved for return to service only for the work performed. Details of work performed are on file with Global Aero Maintenance under work order: PCOM19-107.

Phil Bracken A&

[illegible]

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

TOTAL
TIME

DATE

WO: PCM19-107

Engine R - page 1 of 2



Global Aero Maintenance - 4007 Airport Road - Plant City, FL 33563 - 8636515557 - CRS# N/A

N8080M

Tach: 1866.8

Continental, IO-470-U, S/N: 118229-9-U-R

December 16, 2019

1. Performed engine annual inspection on right engine IAW Continental MM. Inspection complete. In-stalled (2) BA-2305 - filter.
2. Performed compression check on right engine. Compression's are as follows #1 76, #2 66, #3 76, #4 76, #5 76, #6 76.
3. Drained oil from aircraft, cut open oil filter no metal particles found. Installed CH48110-1 oil filter and serviced 12 qts of Phillips 20W-50 oil. Installed (12) XC20W50 - OIL.
4. Removed and reinstalled Rt spinner for prop inspection IAW Hartzell OM.
5. Re-torqued nuts IAW continental M-0. Rechecked and no leakage found.
6. S/M work required on Rt engine baffles.
7. Cracked bracket repaired by S/M contractor. Op check good.
8. This engine has been inspected IAW Continental MM's for a 100-Hour inspection and has been determined to be in an airworthy condition.

WO: PCM19-107



Global Aero Maintenance - 4007 Airport Road - Plant City, FL 33563 - 8636515557 - CRS# N/A

Engine R - page 2 of 2

The above maintenance has been performed IAW current FAR's and Manufacturers Maintenance Instructions and is considered approved for return to service only for the work performed. Details of work performed are on file with Global Aero Maintenance under work order: PCM19-107.

Phil Bracken A&P IA

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Date	Propeller TSN	TSO	A/C	Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
					WO: PCM19-107 Global Aero Maintenance • 4007 Airport Road • Plant City, FL 33563 • 8636515557 • CRS# N/A Propeller R - page 1 of 1  Global Aero Maintenance • 4007 Airport Road • Plant City, FL 33563 • 8636515557 • CRS# N/A Hartzell, PHC-C3YF-2UF, S/N: EB-6661B December 16, 2019 N8080M Tach: 1866.8 1. Performed inspection on right propeller IAW Hartzell MM's for a 100-Hour inspection and has been determined to be in an airworthy condition. 2. This propeller has been inspected IAW Hartzell MM's for a 100-Hour inspection and has been determined to be in an airworthy condition. The above maintenance has been performed IAW current FAR's and Manufacturers Maintenance Instructions and is considered approved for return to service only for the work performed Details of work performed are on file with Global Aero Maintenance under work order: PCM19-107.  Phil Bracken A&P IA

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
			wo: PCM19-107 Propeller L - page 1 of 1  Global Aero Maintenance - 4007 Airport Road - Plant City, FL 33563 - 8636515557 - CRS# N/A N8080M Tach: 1866.8 Hartzell, PHC-C3YF-2UF, S/N: EB-6666B December 16, 2019 1. Performed 100 hour inspection on left propeller IAW Hartzell MM. Inspection complete, Checked good. 2. This propeller has been inspected IAW Hartzell MM's for a 100-Hour inspection and has been determined to be in an airworthy condition. The above maintenance has been performed IAW current FAR's and Manufacturers Maintenance Instructions and is considered approved for return to service only for the work performed Details of work performed are on file with Global Aero Maintenance under work order: PCM19-107. Phil Bracken A&P IA 



Sarasota Avionics Inc Tampa (TPF)
845 Seavern Ave. Tampa, FL 33606
Tail No.: N8080M/CESSNA/3101/31010080
Date: 10/14/2019
Hobbs: 4533.3
Work Order: 21686

Pilot altimeter GSU75 (SN: 3MD001335) and GS (SN: 4JQ023797) have been tested to an altitude of 20,000 feet and were found to comply with App E of 14 CFR 43. The Automatic pressure altitude reporting equipment GSU75 (SN: 3MD001335) was tested and found to comply with App E of 14 CFR 43, and calibration is compliant with 14 CFR 91.217. The transponder GTX345R (SN: 3EH023503) was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. The Static Pressure system was tested and inspected in accordance with 14 CFR 91.411.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

for Sarasota Avionics Tampa



Sarasota Avionics Inc Tampa (TPF)
845 Seavern Ave. Tampa, FL 33606
Tail No.: N8080M/CESSNA/3101/31010080
Date: 10/15/2019
Hobbs: 4533.3
Work Order: 21

Removed following for new avionics install: GMA340 (SN: 96274853), KX-155 (SN: 16515), PFCG Pitch Flight Computer (SN: 5320), RFGC Roll Flight Computer (SN: 3919), A/P Head (SN: 1572H), KA-51A (SN: 5989), KI-525 (SN: 39487), Attitude Indicators (SN: 24622/SN: T75373N), Fuel Gauge (SN: G1014), Altimeters (SN: 3625/SN: 108350), High Pressure Gauge (SN: 474), VSI (SN: A1493), T&B Indicator (SN: 12226E), KI-204 (SN: 4210), ASI (SN: 256047), Directional Gyro (SN: B1036), OAT Gauge (SN: 15520), Combo Gauge (SN: 2535R), AUX Fuel Gauge (SN: 168), Removed Garmin GNS530 GPS/Nav/Comm Display. Installed Garmin GTN750 GPS/Nav/Comm Display (SN: 12A024872) with optional GMA35C Audio Panel (SN: 1T6202727) in accordance with GTN 6XX/7XX Part 23 AML STC Installation Manual 190-01007-a3 Rev. 12 dated August 22, 2018 per STC SA020195E-D. Removed GTX330 Mode S Transponder. Installed Garmin GTX345R Remote Mount ADS-B In/Out Transponder (SN: 3EH023503) in accordance with Garmin GTX 3XX Part 23 AML STC Installation Manual 190-00734-10 Rev. 12. Per STC SA01714WA. Installed G500 TXI Integrated Avionics System (Primary Flight Display, Multi-Function Display, and Engine Indicating System Display) (SN: 3M001661) with optional LRU Kit (SN: 3MD001194), GDU1060 (SN: 3MD001335) display (Internal ADAHRS) and GEA110 Engine Indication System (SN: 3MH001652/SN: 3MH001650) in accordance with Garmin G500/G600 TXI Part 23 AML STC Installation Manual 190-01717-B3 Rev. 3 dated Nov. 2018 per STC SA025715E. Installed GS Electronic Flight Instrument (SN: 4JQ023797) in accordance with 190-01112-10 Rev. 14 dated July 6, 2018 per STC SA01818WL. Installed STEC3100 Autopilot System (SN: 01326-1907-00002) in accordance with S-TEC Installation Instructions ST-965-II-0001 per STC SA09749DS. Installed GNC255A Nav/Comm Radio (SN: 2A8021293) in accordance with GTR225/GNC255 TSO Installation Manual 190-001182-G2 Rev. H dated September 2017. Installed CI-121 (SN: 594658) and CI-122 (SN: 561581) Com Antennas per AC 43.13-2B Chapter 3.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

for Sarasota Avionics Tampa

Altimeter Tests Work Sheet

Repair Station No.: QVOD957X

Work Order:

Date: 10/14/2019

Barometric Press: 30.02

Static Leak Test Date: 10/14/2019

Alt. No.: 55075

S/N: 3WD001335

"N" Number: N/8080M

Alt. No.: 65

S/N: 418023797

Pressure Inches of Hg

Pilot

Altitude Difference (Feet)

Copilot

28.10

N/A

-2727

N/A

28.50

N/A

-1340

N/A

29.00

-855

-863

-860

29.50

-385

-392

-390

29.92

+5

0

0

30.50

535

531

530

30.90

900

893

895

30.99

980

974

975

Scale Error Test

Altitude Feet

Pilot Error

Tolerance $\pm$ Feet

Copilot Error

-1000

0

20

0

0

+5

20

0

500

+5

20

0

1000

+5

25

0

1500

+5

30

0

2000

+5

30

0

3000

+5

35

0

4000

+5

40

0

6000

+5

60

0

8000

+5

80

0

10000

+5

90

0

12000

+5

100

0

14000

+5

110

0

16000

+5

120

0

18000

+5

130

0

20000

0

140

N/A

22000

N/A

155

N/A

25000

N/A

180

N/A

30000

N/A

205

N/A

35000

N/A

230

N/A

40000

N/A

255

N/A

45000

N/A

280

N/A

50000

N/A

285

N/A

51000

N/A

290

N/A

52000

N/A

295

N/A

53000

N/A

300

N/A

54000

N/A

Mode C correspondence - Error corrected to 29.92 inches of Hg

Altitude - Feet

System 1

Error

System 2

0

-50

 ± 125

N/A

10000

-50

125

N/A

20000

-50

125

N/A

30000

N/A

125

N/A

Unit 1

Unit 2

Transponder:

6TX345R

Encoder: 65075

Transponder: NA

Encoder: NA

S/N:

3E14023563

S/N: 3WD001335

S/N: NA

S/N: NA

Tested By:

[REDACTED]

Date: 10/14/2019

[REDACTED]

Form SA 012

Revision Date: 01/14/13

Sarasota Avionics and Maintenance



845 Severn Ave
Tampa, FL 33606
Phone: 941-360-6877 ext 136
KTFF (Peter O. Knight Airport)

WEIGHT & BALANCE

Registration No. N8080M
Make: Cessna
Model: 310I
Serial number: 310I-0080

Equip. used: DIGIWeigh DWP-Axle
Calibration date 3/29/2020

Weighed by: Steven D. Reifeis
Certificate No: A&P [redacted]

Date: 10/14/19

Reaction	Scale	Tare	Net Weight	Arm	Moment
Wheel Jack Points	Reading				
Left Main	1478.00		1478.00		
Right Main	1420.00		1420.00		
Sub Total	2898.00	0.00	2898.00	55.00	159390.00
Nose	551.00	0.00	551.00	-61.00	-33611.00
Total (as weighed)	3449.00		3449.00		125779.00
Total Items Table I			0.00		0.00
Total Items Table II			18.00		810.00
Certified Empty Weight	3449.00		3467.00	36.51	126589.00

Items weighed but not part of aircraft	Weight	Arm	Moment
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
Total			0.00

Table I

Items not in aircraft when weighed	Weight	Arm	Moment
Unseable Fuel Main Tanks (2 Gal. Total)	12.00	44.00	528.00
Unusable Fuel Tip Tanks (1 Gal. Total)	6.00	47.00	282.00
			0.00
			0.00
Total			810.00

New Empty Weight: 3467.00
New CG: 36.51
Useful Load: 1633.00
Max Take Off Weight: 5100

Note: Weighed with full oil including undrainable oil and aircraft defueled.

Undrainable oil (1 lb @ -35.0)

Right Rear PAX Seat Not installed when weighed (14.0 lbs @ 105.5)