

DATE

RECORDING  
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FLIGHTTOTAL  
TIME IN

Description of Inspections, Tests, Repairs and Alterations

Number of  
entries**AIRFRAME LOGBOOK ENTRY****REG. #: N5144U S/N: 21064851****Cessna T210N****Tach Time: 611.2 TTAF: 2960.6****Squawk:** Aircraft due for Annual Inspection.

**Corrective Action:** Completed Annual Inspection service and repairs as follows: Complied with recurring **FAR 91.207 (d)** by test & inspection of the ELT per Para. (d) (1) thru (4), ELT checks satisfactory, ELT battery expires Nov. 2016. Complied with **AD 2011-10-09** by inspection of seat tracks, lock pins and rollers, no discrepancy noted, due next in 100 hours. Complied with **AD 76-07-12** by test of ignition system, no discrepancy noted, due next in 100 hours and at every flight. Complied with **AD 71-09-07 R1** by pressure test and inspection per para (1) (1) through (iii), found crack in exhaust system. Removed exhaust and welded exhaust per AC 43.13-1B Ch. 4. Installed Repaired Exhaust. Pressure tested, No discrepancy's noted at this time. Due next in 50 hours. Nose tire worn. Removed nose wheel. Disassembled cleaned and repacked bearings. Installed new Michelin 5 00-5 10 ply with existing tube, Re-installed wheel assembly. Found R/H main tire worn. Removed R/H wheel assembly. Disassembled cleaned and repacked bearings. Installed new Michelin 6.00-6 8 ply with existing tube, Re-installed wheel assembly. Post inspection ground run-up & operational check satisfactory. Checked AD biweekly's through 2015-10. All work completed IAW appropriate maintenance & service manuals. I certify this aircraft has been inspected in accordance with an Annual inspection and is in airworthy condition at this time.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

Michael R. Linhart

A&amp;P 3500110 IA

May 20, 2015

END


Make: Cessna  
Model: T210N  
S/N: 21064851  
Reg# N5144U

Advantage Aviation LLC  
South Valley Regional Airport  
7220 S 4450 W  
W Jordan, UT 84084  
801-755-5398

W/O: 16-0164  
Tach: 666.4  
TTA: 3015.8

C/W an Annual inspection IAW Cessna T210 Maintenance Manual & Single Engine Inspection Guide. Replaced ELT battery, installed P/N 452-6499. C/W FAR 91.207(d) 1-4 ELT requirements ops check good, ELT battery replacement due @ 10-2023. C/W AD 2011-10-09 (seats & Tracks) by inspection and measuring seats and tracks. No defects found. Next due at 766.4 or 9-2017. C/W AD 71-09-07 (exhaust) done by inspection and pressure testing. Next due at 716.4. Found heat exchanger had crack. Removed and had heat exchanger welded and reinstalled on engine. C/W AD 93-05-06 (ACS Switches) by installing a new switch kit with grease. Next due at 2666.4. Installed 3 new eyebrow light bulbs. Installed 1 new light bulb on RH instrument panel post light. Installed a new 600x6 tire on RH main wheel. Repaired LH brake line with new flare. Bled brake. Removed oxygen bottle for hydrostatic testing and reinstalled. Serviced system with oxygen and checked for leaks. Oxygen bottle next due at 9-2019. Installed a new Brackett air filter element for induction air filter. Installed a new hinge pin in LH cowl flap. Replaced factory overhead air vents with new overhead fresh air valves with metal type vents IAW Wilco drawing W210-100 as per STC SA2395CE. See Form 337 for details dated 9-2-2016. Installed a new belt on forward alternator, tightened belt on aft alternator. Installed a new aircraft battery. PN RG-24-16 Concord battery. SN - 40821691. Performed gear swing and no defects found. Repack all wheel bearings. Completed a new AD list all AD are current, see AD list. Performed routine servicing and maintenance. Run up, ops and leak checks good. I certify that this aircraft has been inspected in accordance with an Annual inspection and determined airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.

Signature:   
Huy Bui 36883251A

Date: September 2, 2016

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DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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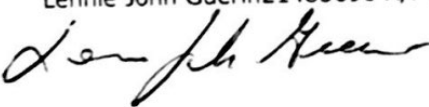
EGA Aviation, Inc.  
 2642 Airport Drive.  
 N. Las Vegas, NV 89032  
 (702) 683-750

**N5144U**  
**Tach:0677.7**

**Airframe Logbook**  
**WO#2640**

**2 April 2018**  
**TTSN:3027.1**

C/W ANNUAL inspection IAW Cessna C-T210N checklist and MM. Open airframe for inspection. C/Wed FAR 91.207(d) ELT function check with no defects noted. ELT battery due date Oct.2023. FAR 91.411 and 91.413 cert. due April 2020. Serviced, charged, and installed new GILL G-243 main battery S/N G02978808. Installed new battery box drain tube and secured. Installed new battery cable grommets. Checked all int./ext. lights with no defects noted. Lubed all flight control hinges, rod ends, bell cranks and pully,s. Lubed flap jack screw and flap track rollers. Removed vertical tail and horostab. due to cracked horostab attachment brackets. Installed (2) new brackets P/N 1232624-1 IAW MM and AC43.13 standard maint. practices. Reinstalled and secured both vertical and horostab tail assemblies with new mounting hardware. Installed, rigged and set the flight control cable tension IAW MM and secured turnbuckles. Lubed and op,s checked flight controls with no defects noted. Removed and inspected main fuel filter with no defects noted. Reinstalled and secured for leak with no leaks noted at this time. Removed pilot side seat rails and installed new inbd. and outbd. rails P/N MC1210520-15 and MC1211514-2. Installed using rail template P/N SRTEM1 and screw kit P/N SR8-SCREW-KT and installed IAW MM and AC43-13 standard maint. practices. Inspected seat rollers and installed seat for op,s check with no defects noted. Reattached Co-pilot door seal. Removed and installed new throttle control with P/N 656068. Rigged and check throttle control for proper travel and lubed. New floor carpet installed by Aircraft Interior Design with material burn tested by The Mohawk Group under WO#218101 IAW FAR 23.853.

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				<p style="text-align: center;">               EGA Aviation, Inc.                2634 Airport Dr.                N. Las Vegas, NV 89032 (702) 683-7507                Page #2             </p> <p>               Installed new overhead trim plastics from Texas Aero plastics IAW supplied installation instructions. Jacked aircraft and removed landing gear wheels. Cleaned, inspected, and repacked wheel bearings. Reinstalled wheels with new locking hardware. Checked and serviced tires IAW MM. Inspected brake calipers and linings with no defects or leaks noted. Checked and serviced as needed master brake cylinders with MIL-H-5606. Lubed landing gear system and nose gear torque links IAW MM. Cycled landing gear (6) times normal and (2) emergency with no defects or leaks noted. Checked and serviced as needed landing gear power pack with MIL-H-5606. Inspected nose shimmy damper with no defects or service needed at this time. C/Wed AD 2011-10-09 seat rail and seat pin inspection. Changed pilot side rails and co-pilot side checked good IAW AD. Next due 100 Hrs. or at Tach: 777.7 C/Wed AD 71-09 -07 R1 exhaust system inspection by visual and pressure check with no defects noted at this time. Next due 50 hrs. or at Tach: 0727.7 C/Wed AD 76-07-12 Ignition switch check by operation with no defects noted. Next due 100 Hrs. or at Tach: 777.7. C/Wed AD 2017-16-01 AMERI-KING ELT inspection found N/A not installed. Post maint. run up and leak check indicates all ops normal and no leaks noted at this time. I certify this AIRFRAME has been inspected IAW a ANNUAL inspection and has been determined to be in an airworthy condition.             </p> <p style="text-align: right;">               Lennie John Guerin 21483690 A/P IA   </p>

DATE

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Flight-Deck Avionics, LLC'

176 N. 2200 W. Suite 240, Salt Lake City, UT 84116:

CRS# F62R677Y

Form No. FD-007

Tail #: N5144U

Mfg: Cessna

Model: T210N

Serial: 21064851

This Is A Permanent Logbook Entry:

Installed power provisions for portable Garmin Aera 796 and GDL 39 ADS B receiver utilizing Garmin wire harnesses. Interfaced with avionics bus via a Klaxon 3 amp circuit breaker labeled "GDL/GPS" and aircraft ground. Installation performed IAW Garmin GDL39 User guide p/n 190-11110-00 Rev. H dated 11/30/2013 and Aera 796 pilots guide p/n 190-01194-00 Rev. C dated, 07/31/2012.

The equipment was installed in a manner that will not interfere with or adversely affect the safe operation of the aircraft. Ground tests were performed, and all systems checked operational per manufacturer's specifications. Total current does not exceed recommended load as computed in reference to the aircraft maintenance manual. Installation was accomplished in accordance with AC43.13-1B chapters 7, 10, 11, 12, and AC43.13-2A chapters 1, 2, and FAR part 23, subpart F. This installation was determined to be a Minor Alteration in accordance with FAR 1.1, FAR 43 Appendix A, and FAR 21.93(A).

The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 7431 .

Signed: Matthew Drake

Digitally signed by Matthew Drake  
DN: cn=Matthew Drake, o=Flight-Deck Avionics, LLC, ou=Flight-Deck  
Avionics, email=mattdrake@flightdeckavionics.com, c=US  
Date: 2016.07.09 16:42:38 -0700

Date: 09/07/2016

(FAA CRS# F62R677Y)

Flight-Deck Avionics, LLC'

176 N. 2200 W. Suite 240, Salt Lake City, UT 84116:

CRS# F62R677Y

Form No. FD-007

Tail #: N5144U

Mfg: Cessna

Model: T210N

Serial: 21064851

This Is A Permanent Logbook Entry:

Removed failed Att Ind 5000L-4 p/n 1U284-001-3 s/n A22990K. Installed Overhauled Att Ind 5000L-4 p/n 1U284-001-3 s/n 62304J. Ground tested Autopilot IAW manufactures specs. No defects noted.

The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 7431 .

Signed: Matthew Drake

Digitally signed by Matthew Drake  
DN: cn=Matthew Drake, o=Flight-Deck Avionics, LLC, ou=Flight-Deck  
Avionics, email=mattdrake@flightdeckavionics.com, c=US  
Date: 2016.05.16 16:42:38 -0700

Date: 05/16/2016

(FAA CRS# F62R677Y)

Alteration  
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DATE  
19  
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TIME

'Flight-Deck Avionics, LLC'

176 N. 2200 W. Suite 240, Salt Lake City, UT 84116

CRS# F62R677Y

Form No. FD-007

Tail #: N5144U

Mfg: Cessna

Model: T210N

Serial: 21064851

This Is A Permanent Logbook Entry:

Removed failed roll servo PA495A-2 p/n 45850-2909 s/n 12780 for bench repair . Installed Repaired roll servo PA495A-2 p/n 45850-2909 s/n 12780. Ground tested Autopilot IAW manufactures specs. No defects noted.

The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 7431 .

Signed: Matthew Drake

Digitally signed by Matthew Drake  
DN: cn=Matthew Drake, o=Flight Deck Avionics, LLC, ou=Flight Deck  
Avionics, email=matdrake@flightdeckavionics.com, c=US  
Date: 2016.03.31 16:46:51 -0700

Date: 03/30/2016

(FAA CRS# F62R677Y)

'Flight-Deck Avionics, LLC'

176 N. 2200 W. Suite 240, Salt Lake City, UT 84116

CRS# F62R677Y

Form No. FD-007

Tail #: N5144U

Mfg: Cessna

Model: T210N

Serial: 21064851

This Is A Permanent Logbook Entry:

Removed computer ARC CA-550A/FD p/n 42680-0007 s/n 9921, and ARC control unit C-530A p/n 37960-1128 s/n 8669 for bench repair. Installed serviceable computer ARC CA-550A/FD p/n 42680-0007 s/n 9007, ARC control unit C-530A p/n 37960-1128 s/n 8049. Ground tested IAW manufactures specs. No defects noted.

The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 7431 .

Signed: Matthew Drake

Digitally signed by Matthew Drake  
DN: cn=Matthew Drake, o=Flight Deck Avionics, LLC, ou=Flight Deck  
Avionics, email=matdrake@flightdeckavionics.com, c=US  
Date: 2016.07.20 14:22:11 -0700

Date: 07/20/2016

(FAA CRS# F62R677Y)

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
				<p style="text-align: center;">EGA Aviation, Inc. 2642 Airport Drive. N. Las Vegas, NV 89032 (702) 683-7507</p> <p style="text-align: center;"><b>Airframe Logbook</b></p> <p style="text-align: right;">1 Aug. 2019 TTAF:3108.5</p> <p><b>N5144U</b> Tach:0759.1 S/N#21064851 WO# 4024</p> <p>C/Wed ANNUAL inspection IAW Cessna C-210 checklist and maintenance manual C/Wed FAR 91.207 (d) ELT function check with no defects noted at this time. Next ELT battery due date Oct. 2023. FAR 91.411 and 91.413 cert. due Apr. 2020. Serviced and charged main battery. Checked all int./ ext. lights. With no defects noted. Checked stall warning with no defects noted. Checked pitot heat with no defects noted. Lubed all flight control hinges, bell cranks, rod ends, and pully,s. Inspected and op,s checked flap system and lubed flap jackscrew IAW MM. Removed and inspected main fuel filters with no defects noted. Installed filter and secured for leak check with no leaks noted at this time. Checked all flight control cable tensions and all found within limits IAW MM. Stop drilled (2) cracks in L/H wheel well. Stop drilled crack on underside of L/H elevator tip. Stop drilled crack on R/H elevator tip. Repaired tail cone mounting hole IAW AC43.13 and standard maintenance practices. O2 bottle due hydrostatic check Sept. 2019. Jack airframe and remove landing gear wheels. Cleaned inspected, and repacked wheel bearings. Changed R/H main tire with new MICHELIN P/N 072-314-0 S/N 8207S00046. Reinstalled wheels with new locking hardware. Check and service tires IAWMM. Inspected brake calipers and linings with no defects or leaks noted. Reinstalled and secured brake calipers. Check and serviced master brake cylinders with MIL-H-5606. Checked and serviced nose strut IAW MM. Lubed nose gear torque links. Cycled landing gear (4) normal and (2) emergency with no defects noted. Check and serviced landing gear hydraulic power pack as needed with MIL-H-5606. C/Wed AD 2011-10-09 Seat rail and seat pin inspection by visual and measurement with no defects noted at this time. Next due 100 Hrs or at</p>

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**Tach: 0859.1time.C/Wed AD 71-09-07 Exhaust system inspection by pressure check with no defects or leaks noted at this time. Next due 50 Hrs. or at Tach: 0809.1. AD 93-05-06 Ignition switch inspection C/Wed on Sept. 2016 by installation of new switch. Next inspection due at Tach:2666.4 C/Wed SEL-61-01 McCauley prop governor idler gear and found N/A by date. All AD,s checked and C/Wed to date. Post maintenance run up indicates all op,s normal and no leaks noted at this time.**

**I certify this AIRFRAME has been insp. IAW a ANNUAL inspection and has been determined to be in an airworthy condition.**

**Lennie John Guerlin 21483690 A/P IA**

