

 *The Standard*  
**AIRCRAFT LOG**

*ASA-SA-1*

The Standard Aircraft Log  
SA-1

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ASA-SA-1

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PNR ASA-SA-1



9 781560 274193

### Aircraft Record General Information

Manufacturer CESSNA Model C210A

Serial 210-57751 Registration Number N9451K

Date of Manufacture 1961

#### Engine(s) currently installed:

Manufacturer TCM Model I 0470-E Serial \_\_\_\_\_

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

#### Propeller(s) currently installed:

Manufacturer MCCAULEY Model D2A34CSB-C/90A-8

HUB Model \_\_\_\_\_ Serial 962173 Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

January 17, 2002

3175.48:TACH

AIRFRAME ANNUAL INSPECTION

1. Completed Annual Inspection and servicing of airframe using Cessna Service Guide.
2. Opened all inspection plates and covers. Inspected all pulleys, cables, hinges, and push/pull rods for serviceability. Lubed same.
3. C/W FAR 91-207(a)(1)(d) ELT by Inspection. No discrep noted at this time. Next inspection due at next annual inspection. ELT Battery Exp JAN 2003.
4. Removed nose wheel and wheel bearings are unserviceable. Shimmy damper leaking fluid. Disassembled, cleaned. Removed and replaced all O-rings and seals. Serviced with Mil 5606 fluid. Re-installed on aircraft. Greased and checked for play in torque links. No play noted at this time.
5. Removed and replaced all brake linings with 8 each new linings part number 066-10500 Installed on back plate using 16 each new rivets part number 105-00200
6. Removed and replaced both main tires with new Goodyear 6 ply flight custom tires. Replaced the tube in the Left hand tire with a new 6.00 x 6.00 tube. Removed and replaced outer bearing and race on the right hand wheel assembly.
7. Steamed cleaned the belly, gear, gear legs, wheel wells and engine with soap solvent.
8. NAV light noted to be inoperative. Removed and replaced bulb with new bulb part number GE1777. Operational check good at this time.
9. Installed new grommet around the wires at the rear tail bulk head
10. Spinner bulk head rivets need replacing. Removed spinner bulk head from crank shaft and drilled out the -3 rivets. Replaced all rivets with -5 universal rivets. Re-installed the bulk head on the crankshaft.

-----Continued Next Page-----

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Fitchburg Municipal Airport (FIT) Fitchburg, MA. 01420  
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January 17, 2002

3175.48:TACH

AIRFRAME ANNUAL INSPECTION

11. Treated air frame with corrosion X.
12. Removed propeller and sent out for repair. Propeller was found to be unserviceable due to three cracks in hub and one crack in one blade. Installed new propeller prop model D2A34C58-0 / 90AT-8, serial number 962173. Installed per McCauley installation instructions to 45 ft lbs.
13. Re-worked throttle and mixture bell crank assembly. Disassembled throttle and mixture assemblies. Fabricated new "L" bracket brace. Bead blasted all parts. Removed and replaced gear warning switch with new switch part number MS25253-2. Replaced rod ends on the throttle upper control rod cable.
14. Removed and replaced Left hand elevator trailing edge with a new trailing edge part number 1234000-14 using CR3212-4-2 and CR3212-4-3 Cherry Max Rivets. Painted new control surface. Checked balance of the control and was found to be within specification.
15. Checked operation of propeller control for proper travel and security. Replaced cotter pin and castle nut on the rod end.
16. Checked screen on Vacuum regulator. Cleaned screen and checked plumbing.
17. Removed and serviced aircraft's battery. Cleaned battery box area and re-installed battery.
18. Stripped and painted fuel caps. Removed and replaced gaskets with new gaskets
19. Right hand inboard vent pickup noted to be broken. Removed and replaced inboard vent with a new vent. Inspected all associe plumbing.
20. Serviced landing gear power pack system with fluid. Bleed the system and checked pressure in the accumulator. Pressures found to be within specification.

-----Continued Next Page-----

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January 17, 2002

3175.48:TACH

AIRFRAME ANNUAL INSPECTION

21. Removed and replaced worn rivets via the pilot's rudder pedals. Painted the pedals with anti skid black paint.
22. C/W 87-20-03 R2 Seat tracks. All seat tracks found to be serviceable and no discrepancies noted at this time. *next due 12 months ES.*
23. C/W AD 76-14-07R2, Removed landing gear saddles from the aircraft. Replaced both saddles with new saddles part numbers 1241004-1 and 1241004-2. Reaming of new saddles was performed utilizing tool from Cessna part number SK 210-22.B using instructions supplied with the kit. Re-rigged gear per Cessna's maintenance manual section 5-50. Replaced right hand and left hand gear down lock switches part number YZ2RQ1T. Adjusted switches per section 5-109. Adjusted gear down lock pawls per section 5-108. Checked rigging and adjustment of main gear / wheel door up locks. All parts including all associated hardware to be reused have been Ziglowed for cracks and none have been found at this time noted.
24. Removed fuel control unit air box. Disassembled and replaced the following parts: 2 each 1250309-1 bushing, 1 each 0850500-30 arm, 1 each 1250311-1 shaft, 2 each 0850500-31, 2 each 1250309-1 bushing, 1 each 0850500-30 arm, 1 each 1250311-1 shaft, 2 each 080500-31 bushing. Washed air box assembly, bead blasted and painted as required. Removed and replaced air door flapper spring with new spring part number 1250310-1. *next replacement due 4175.48TACH. ES*
25. Checked all cable tensions. All tensions have been found to be within limits.
26. Removed and replaced both main gear brake lines with new lines part number 1280106-1 and part number 128016-2. Serviced system and bleed the lines.

-----Continued Next Page-----

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January 17, 2002

3175.48:TACH

AIRFRAME ANNUAL INSPECTION

27. C/W AD 76-0712R1 Ignition Switch, C/W by inspection no discrepancies noted at this time, next inspection due at 100 hours, Tach 3275.48
28. Lubricated the cowl flap control cable.

-----END-----

THIS AIRCRAFT WAS INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND / OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO 1457 AND A COPY HAS BEEN PROVIDED TO THE OWNER / OPERATOR.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED  
IN ACCORDANCE WITH AN ANNUAL INSPECTION AND  
WAS DETERMINED TO BE IN AIRWORTHY CONDITION BY:

Eric J. Steigelman A&P 10582467 I.A.

*Eric J. Steigelman*

Twin City Airmotive Inc.  
Fitchburg Municipal Airport (F/T) Fitchburg, MA. 01420  
978-342-8700 tel. 978-342-4333 fax.



February 25 2002

3182.62:TACH

AIRFRAME REPAIRS

1. Removed lower panels from belly found fuel leaking from fuel selector. Removed pilots and co-pilots seats removed rear and L/H floor panels removed center console found fuel selector leaking from top shaft O-ring. Removed selector control shaft, removed selector top cover and replaced o-ring with new, installed P/N Ms29513-010. Reinstalled selector cover with new gasket P/N 0513125. Reinstalled selector road. Cleaned all fuel stains from selector and belly. Leak checked none noted at this time. Reassembled all that was disassembled to gain access to selector. Run up aircraft checked that engine operated in all fuel selection positions.

-----END-----

THIS AIRCRAFT WAS INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND / OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 1737 AND A COPY HAS BEEN PROVIDED TO THE OWNER / OPERATOR.

Eric J. Steigelman A&P 10582467

BY:

*[Signature]*

Twin City Airmotive Inc.  
Fitchburg Municipal Airport (FTT) Fitchburg, MA 01420  
978-342-8700 tel. 978-342-4333 fax.



3-25-02

Navigation  
406 MOFFETT PL. HANGAR#6  
GOLETA, CA 93117

Replaced Generator + Voltage  
Regulator w/ overhauled units.

*[Signature]*  
A+p22203151A

N9451X CESSNA 210A 5/31/02

CORRECT PANEL LIGHTING 3226.5 hrs

SERVICE LANDING GEAR

CHECK NOSE SWIMMY / BALANCE

TIRE / SERVICE DAMPENER

REPLACED EGT PROBE

BILL'S AIR CENTER INC.

W.O. # 99794

*[Signature]*

WILLIAM M. HEARD A & P 1616115 IA

ons, Tests, Repairs and Alterations

h Name, Rating and Certificate Number of Technician or Repair  
other specific entries.)

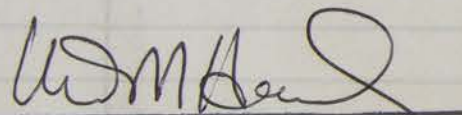
N9451X CESSNA 210A S/N 57751

8/22/02 TACH 3228.1

REMOVED AND REPLACED HYDRAULIC  
POWER PACK AND ACCUMULATOR FOR  
OVERHAUL BY AIRIGHT INC. RESET  
GEAR RIGGING, INSTALLED GAUGE IN  
HYDRAULIC PRESSURE LINE

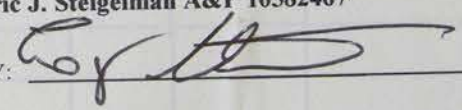
BILL'S AIR CENTER INC.

WO.# 99849

  
WILLIAM M. HEARD A/P 18181151A

#### Repairs and Alterations

(Certificate Number of Technician or Repair  
s.)

YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspection, Tests, Repairs and Alterations
12 November 2002			3250.38: TACH	AIRFRAME REPAIRS
<p>1. Serviced and installed new Gill Aircraft Battery PNG-35. Battery Ser Nr. G02055641. Flushed out battery box.</p> <p>2. Troubleshoot landing Gear up problem. Jacked aircraft. Hooked up power pack to run hydraulics. Found nose gear door rigged to tight. Bell crank for doors would not enter locks. Found RH Main Gear up limit switch hitting brake line and out of adjustment. Readjusted switch. Gear functions normal.</p> <p>3. Readjusted nose gear doors for proper closing. Performed full gear retraction test. Cleaned gear and lubed. All functions normal on retraction test. Topped off hydraulic level in Hydraulic Power Pack.</p> <p>4. Re-saftied RH gear limit switch and nose gear rod end bolts.</p> <p>-----END-----</p> <p>THIS AIRCRAFT WAS INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND / OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 2078 AND A COPY HAS BEEN PROVIDED TO THE OWNER / OPERATOR.</p> <p>Eric J. Steigelman A&amp;P 10582467</p> <p>BY: </p>				

Twin City Airmotive Inc.  
Fitchburg Municipal Airport (F17) Fitchburg MA 01420  
978-342-8700 tel. 978-342-4333 fax.

4/15/2003 3272.48 :TACH :HOBBS Airframe Annual

1. Completed Annual Inspection and servicing of airframe using Cessna Service Guide.
2. Opened all inspection plates and covers. Inspected all pulleys, cables, hinges, and push/pull rods for serviceability. Lubed same.
3. Removed and replaced fuel transfer switch, with new switch, operational check good at this time noted. .6
4. Adjusted vacuum regulator as required.
5. Installed new P/N 0713693-4 Cessna cable modified to fit this aircraft per AC 43.13 1B/2A and installed attaching pin port #0713070-3.
6. Removed L/H fuel bladder, resealed fuel drain nipple, cleaned all gasket surfaces and installed new gaskets, reassembled and refilled with fuel, leak checked.
7. Cracked noted via R/H fiberglass wing tip. Repaired with fiberglass and epoxy as required per AC43.13-section 3-2. Sanded primed and painted afflicted area, reinstalled.
8. Vacuumed and cleaned interior, cleaned windows and washed exterior.
9. Gear door actuating piston hose leaking, retorqued B nut cleaned off and leak checked.
10. Replaced nose tire with 5.00X5 6 Ply by Flight Custom III.
11. Installed 2 each LM13889 bearings and two each LM 13836 races during wheel bearing service.
12. Cleaned and lubed baggage pulleys as needed.
13. C/W AD 76-07-12 Bendix switches, inspected ignition switch per Bendix service bulletin no.583 part II. Switch fault detection procedures no defects noted at this time. Next inspection due ea 100 hours TACH: 3272.48.

-----Continue-----

14. C/W 87-20-03 R2 Seat tracks. Inspected both pilots and copilots seat for defect per Par A and Cessna service information latter SE 86-6. All seat tracks found to be serviceable and no discrepancies noted at this time. Next inspection due in 12 months.
15. C/W AD 84-10-01 R1 Fuel bladders. L/H bladder was removed to repair small leak at quick drain after reinstalling fuel bladder was checked for wrinkles. None noted at this time. Filled bladder and drained and inspected for any trapped fuel. None noted at this time.
16. Removed and replaced beacon bulb with new P/N T7079-12.
17. Performed landing gear extensions/retractions both electrically and manually. No discrepancies noted at this time. Checked pressure in the accumulator, pressure within spec.
18. Removed aircraft battery. Cleaned battery box. Serviced battery and charged. Reinstalled battery cleaned terminal ends.
19. Checked screen on vacuum regulator. Cleaned screen and checked plumbing.
20. Checked all cable tensions. All tensions found to be within Cessna's specs.

-----END-----

This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have been tested and / or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 2179 and a copy has been provided to the owner / operator.

Eric J. Steigelman A&P 10582467

BY: 

YEAR:	RECORDING TACH TIME	TODAY'S 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.)					
DATE									
HOP INC. MUNICIPAL AIRPORT WORCESTER									
FAA REPAIR STATION # TD5R219N									
Altimeter and Static System Certification									
Altimeter Model #	5934P-3	Altimeter Serial #	4						
Transponder Model #	KT-76	Transponder Serial #	No						
Alt reads	920	Ft. Test							
A/C reads	30.00	Test Alt r							
Scale Error	Tolerance	Friction	Error						
-1000 -0-	20	X							
0	20	X							
490 -10	20	X							
990 -10	25	X							
1490 -10	30	X							
1990 -10	30	X							
2990 -10	35	X							
3990 -10									

**Twin City Airmotive Inc.**  
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2/13/2004

3313.07:TACH

:HOBBBS

## AIRFRAME

DATE	DESCRIPTION	TIME	REMARKS
11/1/2018	Performed the following repairs utilizing Cessna's repair and maintenance manuals:		

- 1) Fuel Tip tank problem noted. Drained fuel tanks. Removed Facet Fuel pump. Dissembled the valves and cleaned. Re-installed utilizing a new gasket part number 751-872. Performed an operational test and no leaks or discrepancies noted at this time.

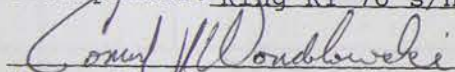
---END

This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have been tested and / or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no 2631 and a copy has been provided to the owner / operator.

Mark Maljanian A&P 33545223

BY

Al Hafsa

YEAR	DATE	Part	Make	Model	Altitude	Pressure	Temperature	Humidity	Wind	Direction	Speed	Altitude	Pressure	Temperature	Humidity	Wind	Direction	Speed
		9451X	Tach	3274.2	Work Order 23564													
		FAR 91.411	has been accomplished I.A.W. Part 43	Appendix E, Paragraph A,B,C.	The Altimeter has been tested to	20000	feet.											
		Altimeter:	United Instruments	5934P-3	s/n 414668													
		Encoder:	Ameriking	AK-350														
		FAR 91.413	has been accomplished I.A.W. Part 43	Appendix F.														
		Transponder:	King	KT-76	s/n None-1													
																		
		06/24/03																
		the radio shop inc. airport worcester, ma 01602																
		FAA REpair Station TD5R219N																

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2/13/2004	3313.07:TACH	:HOBBS	AIRFRAME
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Performed the following repairs utilizing Cessna's repair and maintenance manuals:

- 1) Fuel Tip tank problem noted. Drained fuel tanks. Removed Facet Fuel pump. Dissembled the valves and cleaned. Re-installed utilizing a new gasket part number 751-872. Performed an operational test and no leaks or discrepancies noted at this time.

---ENT

This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have been tested and / or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no 2631 and a copy has been provided to the owner / operator.

Mark Maljanian A&P 33545223

BY: M. H. H. H. H.



6/21/2004 3338.02 :TACH :HOBBS Airframe Annual

Performed the following annual inspection guide (N9451X) utilizing Cessna's annual inspection guide:

- 1) Master switch comes on with the master switch in the off position while pushing and pulling on the instrument panel. Found a wire bundle that runs up to radios above the gear power pack. Removed the top radio and discovered a wire had been cut from a butt splice connector. Removed the old butt connector and replaced with a new butt connector. No more discrepancies noted at this time.
- 2) A rivet is noted to be missing via the prop backing plate. Removed the prop. Removed the backing plate and drilled out the sheared rivet and installed a new one. De-sludge the crankshaft and re-installed the prop / backing plate. Set torque to manufactures specification.
- 3) Elevator yoke travel noted to be sticky in movement. Lubricated the elevator yoke shafts. Operational check good at this time noted.
- 4) Support bracket for the throttle and mixture bell crank assembly noted to be cracked. Removed the defective bracket and fabricated a new unit out of .060" thick steel (same material as the original). Installed and checked for proper travel and movement of the throttle / mixture. No discrepancies noted at this time.
- 5) Complied with 76-07-12 Bendix ignition switch by inspection. No discrepancies found at this time noted. Next inspection due 100 hours accumulated or next annual.
- 6) Complied with AD 87-20-03 R2 seat track inspection by inspection per SE86-6. NO discrepancies noted at this time. Next inspection due at 100 hours accumulated or next annual.

-----Continue-----



- 7) Removed and replaced vacuum system filter with a new filter part number AAD9-18-1. Next replacement due at the next 12 months accumulated or 500 hours accumulated.
- 8) Removed the aircraft's battery. Serviced, charged, checked the specific gravity, cleaned the terminals and re-installed.
- 9) Complied with FAR91.207 (d) ELT inspection. No discrepancies noted at this time. Next inspection due at the next annual 2005.
- 10) Defroster controls noted to be inoperative. Straightened the cable and lubricated. Operational check good at this time noted.
- 11) Checked all cable tension. All tensions have been found to be within Cessna's specification.
- 12) Removed and replaced all alternate air heat SCAT hoses with new SCAT 12.
- 13) Removed and replaced the propeller control cable with a new cable part number A-750-30-0600. Fabricated a bracket from .040" thick aluminum (2024 T3) to relocate the "C" clamps at the control rod end for proper installation travel and operation. Operational check good at this time noted.
- 14) Engine fuel line via the wheel well noted to be chaffing. Fabricated a new line out of 3/8" aluminum tubing. Installed utilizing a new rubber grommet part number MS39513-12. Leak check and no discrepancies or leaks noted at this time.
- 15) Installed a new Airtex carpet kit part number 114 per supplied instructions (Burn certificates attached).
- 16) Nose gear up lock return spring attaching hole on the bell crank noted to be elongated. Welded the hole area and re-drilled. Re-installed all ancillary parts.

-----Continue-----

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- 17) Left hand main gear forward thrust plate and shims are noted to be missing and the associated screw is missing. Installed left hand main gear forward section thrust plate part number 1241037-1 and bolt part number N19509-8R7. Installed shims as required to maintain .002" to .005" clearance. Performed a gear extension and retraction test. Operational check good at this time.
- 18) Left hand gear actuator stop is noted to be cracked. Fabricated a patch utilizing .040" aluminum and installed on the left hand gear door actuator utilizing new 1/8" rivets.
- 19) Removed left hand main fuel tank quick drains. Removed and replaced the base O-ring part number MS29513-011 and valve O-ring part number MS29513-006. Re-installed the drain.
- 20) Removed and replaced the auxiliary fuel tank vent grommets with new grommets part number MS35489-6.
- 21) Left hand nose gear door hinges noted to be worn. Removed the left hand aft nose gear door. Removed the hinge and fabricated a new hinge assembly from hinge stock. Filed the edge of the door and the belly skin to alleviate any further chafing. Re-installed the aforementioned parts. Operational check good at this time noted.
- 22) Removed all wheel assemblies. Cleaned inspected and re-packed all wheel bearings with new grease. Re-installed. Performed several gear extension and retraction (emergency gear down test per POH) tests. No discrepancies noted at this time.

-----Continue-----

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- 23) Washed airframe, vacuumed interior and cleaned all windows.

-----END-----

This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have been tested and / or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no TC2737 and a copy has been provided to the owner / operator.

Eric Burdulis A&P 24628128

BY: Eric Burdulis

I certify that this Airframe has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION

Eric J. Steigelman A&P 10582467 I.A. by: Eric J. Steigelman



YEAR:	RECORDING TACH TIME	TODAY'S 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
	<b>Twin City Airmotive (FIT) Fitchburg, Ma 01420 978-342-8700 tel. Twincity98@MSN.com</b>			
	2/21/2005	:Hobbs	3402.7	:Tach N 9451X <b>Airframe Repairs</b>
	Performed the following repairs utilizing the manufactures maintenance manuals:			Airframe Serial #
	1) Removed and replaced the aircraft's battery with a new Gill G35 battery serial number G02174024. 2) Removed the left hand wing band and cleaned fuel stains and re-torque the access panels. 3) Performed an operational test of the above-mentioned repairs and no discrepancies noted at this time. -----END----- This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have been tested and / or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 3092 and a copy has been provided to the owner / operator.  Eric Burdulis A&P 24628128 BY: <u>Eric Burdulis</u> Mark Maljanian A&P 33545223 BY: <u>Mark Maljanian</u>			

YEAR:	RECORDING TACH TIME	TODAY'S 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
	<b>Twin City Airmotive (FIT) Fitchburg, Ma 01420 978-342-8700 tel. Twincity98@MSN.com</b>			
	2/21/2005	:Hobbs	3402.7	:Tach N 9451X <b>Engine Repairs</b>
	Compression Test X/80			#1 #2 #3 #4 #5 #6
	Performed the following repairs utilizing the manufactures maintenance manuals:			Airframe Serial #
	1) Removed and replaced the voltage regulator with a new unit part number VR300-14-50 serial number F012096. 2) Removed the generator and disassembled. Cleaned and removed and replaced the brushes with new brushes part number 81-1206. Removed and replaced the A+ wire from the generator to regulator with a new unit fabricated in house of the same gauge and specifications. 3) Performed an operational test of the above-mentioned repairs and no discrepancies noted at this time. -----END----- This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have been tested and / or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 3092 and a copy has been provided to the owner / operator.  Eric Burdulis A&P 24628128 BY: <u>Eric Burdulis</u> Mark Maljanian A&P 33545223 BY: <u>Mark Maljanian</u>			

YEAR:	RECORDING TACH TIME	TODAY'S 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.)				

**Twin City Airmotive (FIT) Fitchburg, Ma 01420 978-342-8700 tel. Twincity98@MSN.com**

**4-7-2005 :Hobbs 3425.37 :Tach N 9451X Airframe Repairs**

Performed the following repairs utilizing the manufactures maintenance manuals:

Airframe Serial #

- 1) Removed and replaced the aircraft's engine mount with an overhauled exchanged unit provided by Kosola and Associates part number 1251000-1, serial number K2621 under work order number 32621. Installed the mount In Accordance With Cessna's maintenance manual. Utilized all new hardware.
- 2) Dressed chafed area on the left hand side of the rudder at the center hinge attachment.

END

This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have been tested and / or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 3129 and a copy has been provided to the owner / operator.

Mark Maljanian A&P 33545223

BY:

*M. Maljanian*

**Twin City Airmotive (FIT) Fitchburg, Ma 01420 978-342-8700 tel. Twincity98@MSN.com**

**11-15-2005 :Hobbs 3427.66 :Tach N 9451X Airframe Annual**

Performed the following annual inspection utilizing the manufactures annual inspection guide: **Serial # 210-57751**

- 1) Placed aircraft upon jacks. Removed all wheel assemblies. Bead blasted brake discs, inspected (serviceable at this time), painted and re-installed.
- 2) Removed ELT assembly. Cleaned battery corrosion and installed new "D" cell Duracell batteries. Complied with FAR 91.207(d) and no discrepancies noted at this time. Batteries due 2008.
- 3) Rivets noted to be working via wing ribs and belly area. Drilled out the afflicted rivets and installed one size larger 5/16" rivet as needed.
- 4) Removed aircraft's battery, cleaned, serviced, charged and checked the specific gravity. Re-installed.
- 5) Complied with AD 87-20-03 r2 seat and seat track by inspection. No discrepancies noted at this time. Next inspection is due at annual 2006.
- 6) Complied with AD 84-10-01 fuel bladders by inspection part (A)(B)(C). No defects noted at this time. Next inspection is due at annual 2006.
- 7) Complied with AD 76-07-12 Bendix ignition switch by inspection and operational test (per bulletin 583). No defects noted at this time. Next inspection is due at 100 hours accumulated.
- 8) Cleaned off light corrosion via the left hand wing flap cable. Treated the area with LPSIII.
- 9) Cleaned a small spot of corrosion via the belly of the aircraft. Fabricated a patch out of .032" 2024 T3 and installed utilizing 2117 rivets. All work was accomplished utilizing AC 43.13-1A.
- 10) Cleaned the battery box and treated with acid proof paint.

Continue

YEAR: 11) Removed and replaced the right hand inner tube and tire with a new tire Goodyear 15/6.00x6 tire.  
12) Removed and replaced the left hand race and associated bearing with a new bearing and race part  
number 13889 and 13836 as needed  
DATE 13) Inflated all tire to the manufactures specs.  
14) Washed the airframe, vacuumed the interior and cleaned all window surfaces.  
15) Checked all control cable tensions. All tensions are within the manufactures specs.  
16) Lubricated all control and landing gear pivot points. Performed a landing gear extension, retraction and  
emergency extension per the onboard POH with no anomalies noted at this time.

-----END-----

This aircraft was inspected and/or repaired in accordance with the manufactures  
maintenance manuals. All systems interrupted have been tested and / or leak checked as  
necessary. This aircraft is approved for return to service with respect to the work  
performed. Pertinent details are on file at this agency under work order no. 3284 and a  
copy has been provided to the owner / operator.

I certify that this Airframe has been inspected in accordance with an Annual  
Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION

Eric J. Steigelman A&P 10582467 I.A. by: 

YE **Twin City Airmotive (FIT) Fitchburg, MA 01420 tel. 978-342-8700 Twincity98@MSN.com**

Date: 01/03/06 Hobbs:

Tach: 3430.0

N 9451X

Airframe Repairs

or Repair

DA AFTT: 3430.0

A/C Serial #

210-57751

1. Removed the generator and installed InterAv Alternator kit P/N 625-61623. Alternator S/N 11213, Regulator S/N 13246, Over-voltage relay S/N 11271. All work was done in accordance with InterAv Inc. STC SA334SW REV 16 Dated 07/20/1981 and AC43.13-1B. Replaced Alternator circuit breaker with new installed P/N 25-29694 60Amp. Installed new field breaker P/N 25-29699 5Amp. Replaced wire from alternator to breaker using m22759/16-4 4 gage tefzel. Installed new master switch P/N S1994-1-1 and switch mounting P/N S1843-1. Secured all wires as needed.
2. Installed spiral wrap on the coax cable next to the pilot's side and installed tie wraps as needed.
3. Chafed wired noted on the co-pilot's side. Spliced wire, heat shrink and secured with tie wraps as needed.

-----END-----

This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted  
have been tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work  
performed. Pertinent details are on file at this agency under work order no. 3504 and a copy has been provided to the  
owner/operator.

Eric J. Steigelman A&P 10582467

BY: 

YEAR	<b>Twin City Airmotive (FIT) Fitchburg, MA 01420 tel. 978-342-8700 Twincity98@MSN.com</b>				
DATE	03/01/07	Hobbs:	Tach: 3436.31	N 9451X	Airframe Annual
					Serial #: 21057751
<p><b>Performed the following annual inspection utilizing the manufactures annual inspection guide:</b></p> <ol style="list-style-type: none"> <li>1. Inspected and serviced airframe in accordance with Cessna annual inspection report.</li> <li>2. Placed aircraft upon jacks. Removed all wheel assemblies. Cleaned inspected and repacked wheel bearings.</li> <li>3. Replaced hydraulic system filter with new installed 1Ea AN6235-2A filter.</li> <li>4. Replaced all gear system hoses with new. Installed the following new hoses. 1Ea 350-3-0060, 1Ea 350-3-0110, 2Ea 350-3-0114, 2Ea 350-3-0130, 2Ea 350-3-0142, 2Ea 350-3-0146, 1Ea 350-3-0106, and 1Ea 350-3-0192. Serviced hydraulic res with MIL 5606 fluid and bleed air from gear system. Jack aircraft performed gear retraction test through ten full cycles no disc. Noted at this time. Leak checked system none found at this time. All work was done in accordance with Cessna 210 maint manual. Performed gear retraction test and bleed air from flap and gear systems in accordance with Cessna 210 service manual section 5.</li> <li>5. Replaced flap actuator hoses with new. Installed the following hoses 4Ea 350-3-0140. Bleed all air from flap system. Performed leak check none found at this time.</li> <li>6. Removed and replaced vac system filter with new. Installed new filter P/N D9-18-1. Next change due annual 2008.</li> <li>7. Serviced fuel strainer. Replaced top and bottom gasket with new P/N 33-199-6. Replaced defective screen with new P/N 33-199-907. Performed leak check none found at this time.</li> <li>8. Complied with AD 87-20-03 r2 seat and seat track by inspection. No discrepancies noted at this time. Next inspection is due at annual 2008.</li> <li>9. Complied with AD 84-10-01 fuel bladders by inspection part (A)(B)(C). No defects noted at this time. Next inspection is due at annual 2008.</li> <li>10. Complied with AD 96-07-12 Bendix ignition switch by inspection and operational test (per bulletin 583). No defects noted at this time. Next inspection is due at 100 hours accumulated.</li> </ol> <p>-----Continue-----</p>					

YEA	11. Replaced right hand rear most rudder cable pulley sta 209.0 with new. Installed 1Ea P/N S-378-4 pulley. Checked rudder system for proper movement and operation.
DAT	12. Replaced elevator bottom cable pulley at sta 044.0 and sta 112.0 with new. Installed P/N S378-3L pulley. Checked elevator system for proper movement and operation. No disc. Noted at this time.
	13. Replaced rudder right hand and left hand pulleys at sta 112.0 with new. Installed 2Ea P/N S378-3L pulleys. Checked ruder system for proper movement and operation. No disc. Noted at this time.
	14. Removed and replaced right hand fuel tank fuel drain with new. Installed 1Ea CAV-180 drain.
	15. Replaced rudder lower static wick. Installed new wick P/N C592001-0201 using rivets P/N CR3213-4-3.
	16. Lubed and worked all aileron pulleys. Inspected pulleys for defects none found at this time.
	17. Replaced right and left hand flaps skins due to trailing edge cracking. Removed flaps from aircraft. Drilled out rivets to remove skins, cleaned all corrosion from ribs and flap spar. Fit and drilled new skins P/N 1Ea 0523901-4, 1Ea 0523901-5, 1Ea 0523901-6, 1Ea 0523901-7. Installed new skins on flaps using rivets of the same size and type as original. Stripped old paint from flaps. Prepped and painted flaps using PPG Concept paint system color code DCC91303. Reinstalled flaps on aircraft using original hard ware and flap rollers. This was done in accordance with Cessna service manual.
	18. Repaired right hand wing root fairing. Fabricated L shape doubler from .032 2024-T3 aluminum. Installed doubler using 3Ea CR3213-4-2 cherry max rivets and 2Ea MS20426-4-3 flush head rivets. Reinstalled fairing on aircraft.
	19. Checked all cable tensions. Elevator tensions noted low at this time. Readjusted tension to 35LBS in accordance with Cessna service manual.
	20. Removed and serviced aircraft battery. Cleaned and flushed battery box and reinstalled battery.
	21. C/W FAR91.207 (d) ELT inspection no disc. Noted at this time. Removed and replaced batteries with new. Next battery replacement due 2012. Next inspection is due annual 2008.
	22. Washed aircraft, Cleaned windows, and Vacuumed inside of aircraft.
	-----Continue-----



**Twin City Airmotive (KFIT) Fitchburg, MA 01420 tel. 978-342-8700 Twincity98@verizon.net**  
Date: 7/9/08 Hobbs: Tach: 3447.1 N 9451X Airframe Annual  
Serial #: 210057751  
AFTT: 3447.1

Performed the following annual inspection utilizing the manufacturer's annual inspection guide:

1. C/W FAR 91-207 (d) ELT. No discrepancies noted at this time. Next inspection due annual 2009/100hr. Replaced "D" batteries with new dated 2014.
2. Remove and replace vacuum system filter with new AAD9-18-1 filter.
3. Remove and service A/C battery. Flushed and cleaned box. Reinstalled battery.
4. Serviced fuel strainer as required.
5. C/W AD 87-20-03r2 Seat track and lock mechanism. No discrepancies noted at this time. Next inspection due at annual 2009/100hr.
6. C/W AD 76-07-12 Bendix ignition switch. No discrepancies noted at this time. Next inspection due at annual 2009/100hr.
7. Checked all cable tensions in accordance to Cessna manual. No discrepancies noted at this time.
8. C/W AD 84-10-01 Fuel bladders. No discrepancies noted at this time. C/W parts (A,B,C). Next inspection due at annual 2009/100hr.
9. Repaired crack in LH wing tip trailing edge with fiberglass. Painted as needed.
10. Inspected and removed shielding on #4 E&T. Tested intermittent. Recrimped terminal ends. Reinstalled.

END

This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 4146 and a copy has been provided to the owner/operator.

END

I certify that this aircraft has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION

Mark Maljanian A&P 33545223 I.A. by:

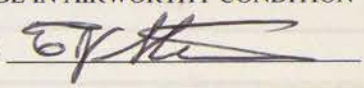
*M. Maljanian*

**Twin City Airmotive (KFIT) Fitchburg, MA 01420 tel. 978-342-8700 Twincity98@verizon.net**  
Date: 11/16/09 Hobbs: Tach: 3548.10 N 9451X Airframe Annual  
Serial #: 210-57751  
AFTT: 3548.10

Performed the following annual inspection utilizing the manufacturer's annual inspection guide:

1. C/W FAR 91.207 (d) ELT Inspection. No discrepancies noted at this time. Next inspection due at Annual 2010/100hrs.
2. C/W AD 87-20-03R2 Seat and Seat Track Inspection. No discrepancies noted at this time. Next inspection due at Annual 2010/100hrs.
3. C/W AD 76-07-12 Bendix Ignition Switch. No discrepancies noted at this time. Next inspection due at Annual 2010/100hrs.
4. C/W AD 84-10-01 Fuel Bladders. No discrepancies noted at this time. C/W parts (B) (C) (3) (VI). Next inspection due at Annual 2010/100hrs.
5. C/W AD 2008-26-10 Prevent Erroneous Indications From Airspeed Altimeter and Vertical Speed by inspection. N/A by P/N and type of valve installed.
6. Removed and replaced rear cabin windows. Fabricated all four rear windows from approved material and installed on aircraft with solid rivets.
7. Removed tip tank fuel pumps. Disassembled check valves, cleaned and replaced (4) "O"-rings with new P/N FTA295126-OR and fuel pump in RH wing with new P/N FTA4805321FTP. Operational leak check performed with no discrepancies noted at this time.
8. Reattached spring in rear seat back. Reglued rear seat back fabric to seat structure.
9. Fabricated main gear clam shell door hinges from P/N NAS40-4-LT.7200. Fitted doors and installed with solid rivets.
10. Removed prop from aircraft and sent to New England Propeller for overhaul.
11. Removed aileron push/pull rods. Cleaned, prepped and primed rods. Replaced all (4) P/N S1819-3. Reinstalled on aircraft.
12. Removed and replaced pilot's door hold open clip with new P/N S2436-1.
13. Removed and replaced pitot tubing by splicing new line in with new inserts P/N S1131-1 and P/N S1130-1 B-nuts.
14. Removed and replaced trailing edge rivets on bottom of both wings inboard with new P/N CR3243-4-02, CR3243-4-03, and CR3243-4-04.
15. Cleaned FOD from belly.

Continue

YEA	16. Removed unused wires in belly of aircraft.
	17. Tested bulb and cleaned ground connection on cabin overhead light. Ops check good.
	18. Removed battery from aircraft and serviced. Cleaned and flushed box. Reinstalled.
	19. Checked all cable tensions in accordance with Cessna maintenance manual. All found within spec.
DAT	20. Removed and replaced vacuum system filter with new P/N AAD9-18-1.
	21. Removed vacuum regulator screen and cleaned. Reinstalled.
	22. Stop drilled small crack in L/H side of fire wall.
	23. Fabricated fuel main cap fills placards "100LL Min Octane 27.5 Gallons".
	24. Cleaned dirt from hydraulic hand pump handle shaft and lubed.
	25. Treated aircraft with Corrosion-X as required.
	26. Removed and replaced pilot outboard seat rail with new P/N MC1210025-3.
	27. Removed cabin floor under pilot/copilot seats. Cleaned, primed floor. Replaced left and right outer bulkheads under floor with new P/N 1211207-1 and P/N 1211207-2. Fabricated and replaced outer seat rail brackets and reinstalled floor with solid rivets.
	28. Resafetied turnbuckle on floor.
	29. Secured and rerouted wiring under cabin floor beneath pilot/copilot seats.
	30. Installed secondary seat stop kit with new P/N SK210-174A. All work was done in accordance with SB 07-5R1 and instructions provided in kit.
	31. Sanded new spinner. Primed and painted spinner. Installed and fit spinner on aircraft.
	32. Washed and vacuumed aircraft.
	33. C/W Airworthiness Directive research to 2009/22 Biweekly issuance.
	END
	This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 4675 and a copy has been provided to the owner/operator.
	I certify that this Airframe has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION
	Eric J. Steigelman A&P 10582467 I.A. by: 

**Twin City Airmotive Inc (KFIT) Fitchburg, MA 01420 tel: 978-342-8700 Twincity98@verizon.net**

Date: 1/26/10	Hobbs:	Tach: 3597	N 9451X	Engine Repairs
Compression Test X/80	#1:	#2:	#3:	#4:
Engine SMOH:	Airframe Serial #: 21057751			

Performed the following repairs utilizing the manufacturer's maintenance manuals:

1. Drained oil and removed filter. Cut open filter to check for metal - none found. Installed new filter P/N CH48108-1. Oil sample taken for analysis. Serviced engine with 10 Qts of 15W50 Aeroshell oil. Ran up engine and leak checked - none found at this time.

-----END-----  
This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 4747 and a copy has been provided to the owner/operator.

Jason M. Normandin A&P 3225180

BY: 

**Twin City Airmotive (KFIT) Fitchburg, MA 01420 tel. 978-342-8700** twincity98@verizon.net

Date: 1/26/10 Hobbs: Tach: 3597 N 9451X

AFTT: A/C Serial # 21057751

**Airframe Repairs**

Performed the following repairs utilizing the manufacturer's maintenance manuals:

1. Removed and replaced nose tire with new P/N 072-312-0. Cleaned inside of wheel assembly.
2. Removed and replaced landing and taxi bulbs with new P/N GE4509Q. Ops check good at this time. Cleaned landing light lens cover.

-----END-----

This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 4747 and a copy has been provided to the owner/operator.

Jason M. Normandin A&P 3225180

BY: 

**Twin City Airmotive (KFIT) Fitchburg, MA 01420 tel. 978-342-8700** Twincity98@verizon.net

Date: 2/1/11 Hobbs: Tach: 3601 N 9451X

AFTT: 3601 Serial #: 21057751

**Airframe Annual**

Performed the following annual inspection utilizing the manufacturer's annual inspection guide:

1. C/W FAR 91.207 (d) ELT Inspection and test. Next due at 100hrs/Annual but expires March 2014. Replaced ELT antenna P/N E-01-15 operation check good.
2. C/W AD 87-20-03r2 Seat and Seat track Inspection. No discrepancies noted at this time. Next inspection due at Annual 2011/100hrs.
3. C/W AD 76-07-12 Bendix Ignition Switch. No discrepancies noted at this time. Next inspection due at Annual 2011/100hrs.
4. Safetied fire extinguisher latch with copper safety wire..
5. Removed battery from aircraft and serviced. Cleaned and flushed battery box. Reinstalled in aircraft.
6. Checked all cable tensions in accordance with Cessna maintenance manual.
7. Removed and replaced vacuum system filter with new P/N AAD9-18-1 and cleaned regulator screen.
8. Repaired mixture/throttle control support brackets.
9. Removed cowl flap hinges. Fabricated, fitted and installed new hinges from hinge stock P/N MS20001-2. Removed L/H cowl flap bracket. Repaired with patch and solid rivets. Reinstalled on aircraft. Repaired R/H cowl flap control attach bracket with patch and solid rivets.
10. Removed and replaced air filter element with new P/N BA2305.
11. Repaired mixture and throttle control bell cranks as needed. Replaced (3) rod ends with new P/N S1104-3 for mixture/throttle push/pull rods.
12. Removed and replaced P/N S1188-1 latch on L/H cowl access door. Repaired crack with doubler and solid rivets.
13. Removed and replaced (7) rivets in bottom cowl.
14. Removed and replaced rivet in flap gap seal kit at flap tracks as needed.
15. Removed R/H brake swivel. Cleaned, inspected, and replaced "o"-ring P/N MS28778-3. Flushed and bled R/H brake. Operation and leak check good at this time.

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YE

DA

16. Retorqued screw in R/H fuel transmitter.
17. Cleaned and primed light corrosion on belly under pilot side.
18. Serviced L/H brake reservoirs with fluid.
19. Cleaned, primed and painted light surface corrosion on bottom leading edge of R/H aileron.
20. Installed BAS, Inc shoulder harness restraint system in accordance with STC # SA2067NM and BAS, Inc Installation Instructions. Completed Form 337 and revised weight and balance dated 1/12/2011.
21. Removed cowl flap controls. Replaced with new P/N MS1213040-1 and P/N MC1213040-2. Rigged controls in accordance with maintenance manual. Replaced (2) clamps with new P/N 0713307-2.
22. Repaired L/H cowl flap at control bracket, and trimmed opening to clear exhaust.
23. Removed L/H fuel pump in nose gear well, fuel pump interconnect and main fuel supply line. Fabricated fuel pump interconnect and main fuel supply line of 5052-0 .375 x .035 wall tubing and existing ferrels and B-nuts. Cleaned fuel pump screens. Reinstalled pump and fuel lines. Operation and leak check good.
24. Retorqued forward nose gear door rod end hardware at bellcrank.
25. Removed and replaced (3) rivets on L/H lower firewall seam.
26. Installed spywrap on wires behind hydraulic lines under panel.
27. Cleaned R/H wing attach bolt and treated with Corrosion-X as required.
28. Lubricated environmental controls.
29. Fabricated new fuel selector placard plate and installed new P/N CI-090 fuel selector placard from Moody Aero Services.
30. Treated aircraft with Corrosion-X as required.
31. Fabricated Emergency Gear Pump Handle placard. Fabricated Fuel Flow Fluctuations placard and installed as required.
32. Removed R/H forward nose gear door. Repaired with patch and solid rivets. Reinstalled doors with new bolts P/N AN3-5A and nuts P/N AN316-5.
33. Removed nose gear torque links. Cleaned, inspected and replaced bushings with new P/N NAS77-3-023 in lower torque link. Reinstalled torque links with new hardware.
34. Vacuumed FOD from belly.
35. Drained fuel from tip tanks. Removed, inspected, cleaned, and reinstalled pump screens. Refueled and leak checked with no discrepancies noted.
36. Installed boot P/N MS25171-4S on power wire at battery.

Continue

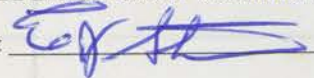
37. Installed new connector on tail cone nav light wire.
38. Removed, cleaned, lubricated gears and reinstalled rotary beacon assembly.
39. Drained and disconnected L/H fuel bladder outlet and quick drain. Pulled back bladder to inspect for leak. Removed bladder and sent out for repair. Removed old tap in bay. Retaped bay, cleaned and reinstalled L/H fuel bladder. Fuel bladder repaired by Floats and Fuel Cells (T44R544M) under w/o # 80095. C/W AD 84-10-01 Fuel Bladders with no wrinkles found at this time. Installed fuel quick drain with new "o"-ring P/N MS29513-011.
40. Removed and replaced L/H and R/H wing strut upper and lower fairings with new P/N SA1227002-3, P/N SA1227002-2, P/N SA1227002-5 and P/N SA1227002-4. Primed, painted, and fitted fairings as required.
41. Removed and replaced L/H and R/H passenger ventilation scat hoses with new Scat 3.
42. Removed and replaced missing interior screws as required.
43. Removed and replaced L/H plastic vent fitting with new P/N 0501030-2. Removed corrosion from vent tube and primed as required.
44. Removed and replaced hydraulic filter with new P/N AN6235-2A.
45. Cleaned L/H rear fuel line aft of door frame and resoldered fuel line finger screen. Reinstalled fuel line.
46. Washed and vacuumed aircraft.
47. C/W Airworthiness Directive research to 2011/2 biweekly issuance.

END

This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 5144 and a copy has been provided to the owner/operator.

END

I certify that this Airframe has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION

Eric J. Steigelman A&P 10582467 I.A. by: 

Technician or Repair



YEAR:	RECORDING TACH TIME	TODAY'S 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.)
DATE				

**Twin City Airmotive Inc (KFIT) Fitchburg, MA 01420 tel: 978-342-8700 Twincity98@verizon.net**

Date: 1/17/12 Hobbs: Tach: 3674.01 N 9451X Engine Repairs

Compression Test X/80 #1: #2: #3: #4: #5: #6:

Engine SMOH: Airframe Serial #: 21057751

Performed the following repairs utilizing the manufacturer's maintenance manuals:

1. Drained oil and removed filter to cut open and inspect for contaminants - none found. Installed new filter P/N CH48108-1. Oil sample was taken for analysis. Serviced engine with 11 Qts of 15W50 Aeroshell oil. Ran up engine and leak checked - none found at this time.
2. Disassembled fuel strainer, resealed fuel drain valve in strainer. Cleaned strainer and reassembled with new P/N 33-199-6 Rev N gaskets. Run up and leak checked good.

END

This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 5603 and a copy has been provided to the owner/operator.

Mark Maljanian A&P 33545223

BY:

*Mark Maljanian*

YEAR:	RECORDING TACH TIME	TODAY'S 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.)
DATE				



Teton Aviation Center  
675 Airport Rd.  
Driggs, ID 83422  
208-354-3100

Date: 12/16/2011

Tach Time: 3638.91

Total Time:

Removed and discarded battery. Serviced new G-35 battery IAW Teledyne battery instructions. Installed new battery. Function check good.

I certify that the repairs/inspections identified above were performed in accordance with FARs and is approved for return to service. *AC* *BS* AP 3577033

**Twin City Airmotive (KFIT) Fitchburg, MA 01420 tel. 978-342-8700 Twincity98@verizon.net**

YE **Date: 12/3/12** **Hobbs:** **Tach: 3675.16** **N 9451X** **Airframe Annual**  
**AFTT: 3675.16** **Serial #: 21057751**

DA **Performed the following annual inspection utilizing the manufacturer's annual inspection guide:**

1. C/W FAR 91.207 (d) ELT Inspection and test. No discrepancies noted. Next inspection due at Annual 2013/100hrs. Removed and replaced "D" batteries with new. Batteries expires 2015.
2. C/W AD 76-07-12 Bendix Ignition Switch. No discrepancies noted at this time. Next inspection due at Annual 2013/100hrs.
3. C/W AD 2011-10-09 To Prevent Seat Slippage or the Seat Roller Housing. Inspected and replaced seat rollers and bushings with new kit P/N SEAT-KT-3.
4. Jacked aircraft and removed all wheels. Cleaned, inspected and repacked wheel bearings. Inspected brake linings, wheel cylinders. Washed gear and greased.
5. Removed battery from aircraft and serviced. Flushed and cleaned battery box. Reinstalled in aircraft.
6. Removed and replaced vacuum system with new P/N AAD9-18-1. Cleaned regulator screen.
7. Inspected all cable tensions in accordance with Cessna annual inspection report. All found within spec.
8. Removed and replaced air filter with new element P/N BA2305.
9. Lubricated environmental controls.
10. Removed and replaced R/H main tire with new P/N 301-249-006 and new tube P/N 302-246-401.
11. Removed and replaced R/H aileron center hinge with new P/N 0523816-1.
12. Removed and replaced L/H aileron center hinge with new P/N 0523816-1.
13. Cleaned and lubricated hydraulic hand pump shaft.
14. Removed and replaced (2) rivnuts with new P/N A10K-130.
15. Flint tip tank quantity transmitter noted inop. Removed tanks from wings. Removed and replaced tank chafe webbing material with new. Removed and replaced fuel senders with new P/N FA209-3 and supplied hardware and gasket. Removed and replaced fuel cap gaskets with new P/N FA2651-GA and fuel quick drains with new P/N FA180-QD. Checked fuel quantity system for proper operation. No discrepancies noted at this time. Reinstalled tanks in wings. Attached all plumbing. Filled with fuel and performed fuel transfer. Ops checked good. Leak checked - none found at this time.

Continue

16. Repaired both L/H and R/H wings in the same manner. The repair was performed from wing stations 172.0" to 208.0" top and bottom aft of wing spar. This repair was done due to heavy corrosion of skins, top and bottom wing stringers, rib located at station 172.0" and wing rear aux spar. Removed bottom skin from station 172.0" to station 208.0" aft from main spar. Removed top skin from station 172.0" to station 208.0" aft from first stringer. Fabricated new skins from 2024-T3 alcad aluminum .025" thickness. Removed rear aux spar and replaced with new spar assys P/N 0523005-50 and P/N 0523005-51. Performed stringer splices at wing station 163.0". New stringers and splices were fabricated from stringers P/N 0523003-41 and top forward stringer and splice were fabricated from new stringer P/N 0523541-43. Spliced stringer in accordance with Figure 19-3 and Par 19-22 Cessna Maintenance Manual. Replaced wing ribs at station 172.0". Installed new ribs P/N 0523514-3 and P/N 0523514-4. Installed access hole on bottom of each wing at station 163.0" and aft of main spar. Installed doubler P/N S1443-1 and P/N S225-4F. This was done in accordance with Figure 19-7 Cessna 210 Maintenance Manual. Performed skin splice at station 172.0" splices were performed in accordance with par 19-16 and 19-19. Cleaned corrosion from main spar. This was done in accordance with AC43.14-1B Section 7. All parts were primed using PPG DX 171 self etching primer before assembly. Rivets used for this repair were P/N MS20470AD and MS20426AD -3-4 diameters. All riveting was done in accordance with AC 43.14-113 Chapter 4. Some blind rivets were used installing rear aux spar. Blind rivets used were cherry max. This was done in accordance with Cessna Structural Manual Chapter 81-40-00 Page 8.
17. Washed and vacuumed aircraft.
18. C/W Airworthiness Directive research to 2012/23 biweekly issuance.

END

This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 5637 and a copy has been provided to the owner/operator.

I certify that this Airframe has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Eric J. Steigelman A&P 10582467 I.A. By: 

YEAR:	RECORDING TACH TIME	TODAY'S 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.)
DATE				

**Twin City Airmotive (KFIT) Fitchburg, MA 01420 tel. 978-342-8700 twincity98@verizon.net**

Date: 7/11/13 Hobbs: Tach: 3774.18 N 9451X Airframe Repairs

AFTT: A/C Serial # 21057751

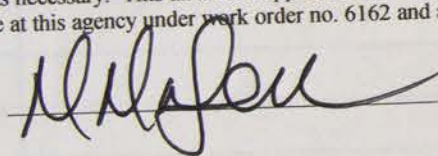
Performed the following repairs utilizing the manufacturer's maintenance manuals:

1. Inspected and lubricated all cowl fasteners.
2. Filled oxygen bottle to 2200psi.

-----End-----

This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 6162 and a copy has been provided to the owner/operator.

Mark Maljanian A&P 33545223 By:



**Twin City Airmotive (KFIT) Fitchburg, MA 01420 tel. 978-342-8700 twincity98@verizon.net**

Date: 11/3/14 Hobbs: Tach: 3778.85 N 9451X Airframe Annual

AFTT: 3778.85 Serial #: 21057751

Performed the following annual inspection utilizing the manufacturer's annual inspection guide:

1. C/W FAR 91.207 (d) ELT Inspection. Opened ELT and found batteries leaking. Removed batteries and cleaned inside of battery compartment. Installed (8) new Duracell D batteries P/N MN1300. Tested ELT with no discrepancies noted. Next inspection due at Annual 2015/100hrs. Battery expires 2023.
2. C/W AD 76-07-12 Bendix Ignition Switch. No discrepancies noted at this time. Next inspection due at Annual 2015/100hrs.
3. C/W AD 2011-10-09 To Prevent Seat Slippage. Inspected seats and tracks in accordance with AD 2011-10-09. No discrepancies noted at this time. Next inspection due at Annual 2015.
4. Jacked aircraft and removed all wheels. Cleaned, inspected and repacked wheel bearings. Inspected brake linings, wheel cylinders. Washed gear and greased.
5. Removed battery from aircraft and serviced. Flushed and cleaned battery box. Reinstalled in aircraft. Painted battery box and lid.
6. Removed and replaced vacuum system filter with new P/N AAD9-18-1. Cleaned regulator screen.
7. Inspected all cable tensions in accordance with Cessna annual inspection report. All found within spec.
8. Lubricated environmental controls.
9. Bead blasted corrosion from inside of L/H and R/H wheel halves. Primed to prevent further corrosion. Reassembled wheels and installed wheels on aircraft.
10. Removed R/H nav light shield and lens. Removed bulb and cleaned socket. Reinstalled bulb. Ops check good at this time. Reinstalled lens and shield.
11. Drained all fuel from L/H main wing tank. Removed top cover from bladder and found to be leaking at cover gasket. Found that some top snaps had come undone. C/W AD 84-10-01 R1 Par (C) (3) (1) to (IV). Par (B) has been C/W. Aircraft has reduced diameter (raised filler neck) fuel caps installed. Filled fuel tank. Leak checked - none noted at this time.
12. Reattached alternator placards as needed on copilot instrument panel.
13. Cleaned FOD from around rudder pedals.
14. Cleaned out belly of aircraft. Cleaned belly drain holes and found clear.
15. Installed new grommet P/N MS35489-17 on EGT CHT wires on L/H side of fire wall.

16. Installed new rivets at R/H elevator IB trailing edge.
17. Removed and replaced fire extinguisher with new P/N C352TS s/n A-29697319.
18. Drained both L/H and R/H brake system. Rebled brake systems on both sides. Ops check good at this time.
19. Repaired wires on L/H rear head phone jack by soldering wires. Reinstalled head phone jacks.
20. Fabricated and installed fuel filler placards to read "Use 100/100LL Aviation Grad Fuel or Higher. 32.5 Total Gallons 27.5 Usable Gallons.
21. Swung compass on KFIT compass rose. Recorded correction and filled out correction card.
22. Installed missing tape on wheel well seams.
23. Fabricated fire wall patches from .040" 308 stainless steel. Installed patches using new screws P/N AN525-832, washers P/N NAS1149FN832P, and nuts P/N MS21042-L4. Sealed patches to firewall using new sealant P/N AC240B-2. Cleaned out belly of FOD.
24. Washed and vacuumed aircraft.
25. C/W Airworthiness Directive research to 2014/21 biweekly issuance.

-----End-----

This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 6394 and a copy has been provided to the owner/operator.

I certify that this Airframe has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Eric J. Steigelman A&P 10582467 IA

YEAR:	RECORDING TACH TIME	TODAY'S 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.)
<b>Twin City Airmotive (KFIT) Fitchburg, MA 01420 tel. 978-342-8700 twincity98@verizon.net</b>				
Date: 5/24/16		Hobbs:	Tach: 3780.99	N 9451X Airframe Annual
AFTT: 3780.99			Serial #: 21057751	
Performed the following annual inspection utilizing the manufacturer's annual inspection guide:				
1. C/W FAR 91.207 (d) ELT Inspection. No discrepancies noted at this time. Replaced "D" cell batteries with new. Next inspection due at Annual 2017/100hrs. Batteries expires 2023.				
2. C/W AD 76-07-12 Bendix Ignition Switch. No discrepancies noted at this time. Next inspection due at Annual 2017/100hrs.				
3. C/W AD 2011-10-09 Seat Tack and Lock Mechanism. Inspected seats and tracks in accordance with Par G. No discrepancies noted at this time. Next inspection due at Annual 2017/100hrs.				
4. C/W AD 84-10-01R1 Par (C) (3) 1 - IV Bladder Inspection. No discrepancies noted at this time.				
5. Jacked aircraft and removed all wheels. Cleaned, inspected and repacked wheel bearings. Inspected brake linings, wheel cylinders. Washed gear and greased.				
6. Removed battery from aircraft and serviced. Flushed and cleaned battery box. Reinstalled in aircraft.				
7. Removed and replaced vacuum system filter with new P/N AAD9-18-1. Cleaned regulator screen.				
8. Inspected all cable tensions in accordance with Cessna annual inspection report. All found within spec.				
9. Lubricated environmental controls.				



YEAR:	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form 337 by Date, or to the Work Order by Number and the Approving Agency			
DATE		N9451X Make: <u>United</u> Model: <u>5934P-3</u> S/N <u>414668</u> Date: <u>May 20, 2016</u>			
		True	Error	Case Leak	Friction
		-1000	-5	70' @18K	1000 20'
		0	0		2000 20'
		500	0	Hysterisis	3000 20'
		1000	0	50% Max Alt- 20'	5000 20'
		1500	0	40% Max Alt- 20'	10000 30'
		2000	+10		15000 30'
		3000	+10	After Effect	20000 30'
		4000	+10	10'	
		6000	0		
		8000	-10		
		10000	-25		
		12000	-30		
		14000	-35		
		16000	-40		
		18000	-30		
		20000	-25		

Reg:	N9451X	AIRFRAME LOG	Date:	10-01-2017
Make:	CESSNA	Southern Cal Aircraft Inc.	Tach:	3805.98
Model:	210A	1880 Joe Crosson Drive	AFTT:	3805.98
Ser. No.	21057751	El Cajon, Ca. 92020	Hobbs:	None
		619-448-5010		
<p>I certify that this Aircraft has been inspected in accordance with ANNUAL Inspection procedure IAW Apendix "D" of Part 43 and determined airworthy this date.</p> <p>Routine maintenance and inspection performed. Inspection performed IAW Cessna check List. All flight controls were lubricated. Replaced aircraft battery Gill G-35, S/N: G02973780. Jacked aircraft packed wheel bearings. Performed landing gear retract test, system ops ckd good, an emergency extension was performed and ops. Ckd good. Replaced hydraulic filter (AN6235-24). Replaced vacuum filter (D9-18-1). C/W AD 2008-26-10 alternate static system insp, N/A by style installed.</p> <p>"I certify that the ELT has been inspected in accordance with the requirements of far section 91.207(d) and was found to be in a satisfactory condition." ELT BATT. DUE DATE: December 2025.</p>				
<p>AD 76-07-12 Bendix Sw. Insp. C/W IAW Bendix SB 583. Due Ea. 100 Hrs.</p> <p>AD 84-10-01 Bladder Fuel Cells P/C/W By inspection Vented caps &amp; placard prev. installed. Due Ea. 100 Hrs.</p> <p>AD 2008-26-10 Static System, N/A type not installed IAW Cessna SEB 06-34-02, R1. Nothing Follows</p> <p>AD 2011-10-09 Seat Rail and seat roller housing Insp. C/W IAW Fig. 1 thru 5 of this AD. Due Ea. 12 mo or 100 Hrs.</p> <p>Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time.</p>				
<p>Edward Q Hazlewood A&amp;P 1655569 Insp. Auth.</p>			<p> Date: 10-01-2017</p>	



YEAR:  DATE	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange				
		Item	Manufacturer's Name	Model	Serial Number	
		<p>I certify that the Altimeter, Automatic Pressure Altitude Reporting Static Systems and ATC Transponder test and Inspections required by <b>FAR 91.411 &amp; 91.413(a)</b> have been performed and found to comply with <b>FAR 43, Appendix E&amp;F</b></p> <p>Altimeter S/N <u>414668</u> Tested to <u>20 000</u> Feet</p> <p>Encoder S/N <u>In AIC</u> Transponder S/N <u>In AIC</u></p> <p>Work Order# <u>77968, 77967</u> N# <u>9451X</u></p> <p>Date: <u>05/31/2023</u> Signature <u>[Signature]</u></p> <p><b>Instrument Overhaul Service of San Diego, CA, Inc.</b>  1981 N. Marshall Ave, El Cajon, CA 92020  Phone # (619) 449-5565 <b>FAA CERT# CB3R417L</b></p>				<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional <input type="checkbox"/> Removal of Required-Exchanged for Optional
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**Reg:** N9451X  
**Make:** CESSNA  
**Model:** 210A  
**Ser. No.** 21057751

**AIRFRAME LOG**  
**Southern Cal Aircraft Inc.**  
1880 Joe Crosson Drive  
El Cajon, Ca. 92020  
619-448-5010

**Date:** 06-01-2023  
**Tach:** 3833.26  
**AFTT:** 3833.26  
**Hobbs:** None

I certify that this Aircraft has been inspected in accordance with ANNUAL Inspection procedure IAW Apendix "D" of Part 43 and determined airworthy this date.

Routine maintenance and inspection performed. Inspection performed IAW Cessna check List. All flight controls were lubricated. Packed all wheel bearings. Replaced nose landing gear door hinge. Removed and resealed nose gear shock strut and resealed with new seals an o rings, installed nose gear and performed landing gear retract test, performed emergency extension and sys. ops ckd good. Serviced hydraulic system. Replaced vacuum filter (D9-18-1). Replaced wing fuel cap seals (GAR0998).

"I certify that the ELT has been inspected in accordance with the requirements of far section 91.207(d) and was found to be in a satisfactory condition." ELT BATT. DUE DATE: December 2025.

AD 76-07-12 Bendix Sw. Insp. C/W IAW Bendix SB 583.

Due Ea. 100 Hrs.

AD 84-10-01 Bladder Fuel Cells P/C/W By inspection Vented caps & placard prev. installed.

Due Ea. 100 Hrs

AD 2008-26-10 Static System, N/A type not installed IAW Cessna SEB 06-34-02, R1.

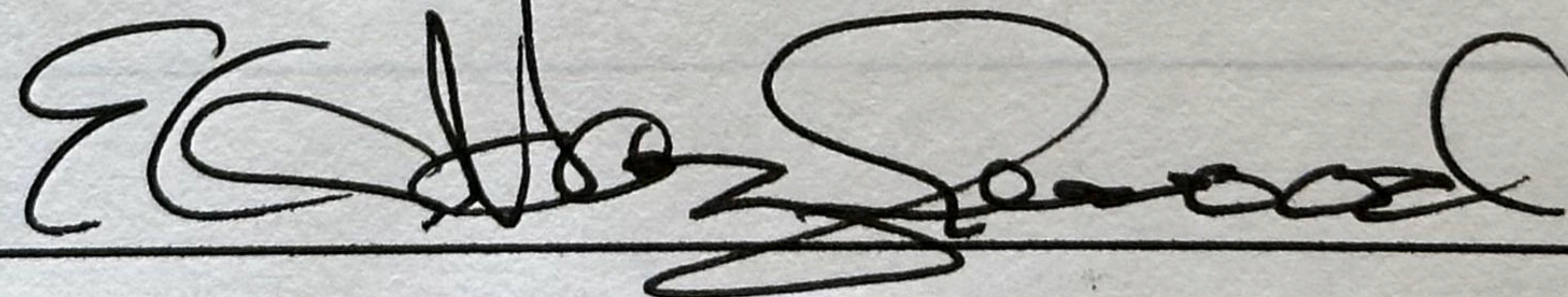
Nothing Follows

AD 2011-10-09 Rail and seat roller housing Insp. C/W IAW Fig. 1 thru 5 of this AD.

Due Ea. 12 mo or 100 Hrs.

Except as stated above, no other work, inspection/ corrective action or determination of airworthiness was made at this time.

**Edward Q Hazlewood**  
**A&P 1655569**  
**Insp. Auth.**



**Date:** 06-01-2023