

N713E C
SN 27-7554151
Log II

 *The Standard*
AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer PIPER A2TEC "E" Model PA-23-250 (6PCLM)
Serial 27-7554151 Registration Number N713EC
Date of Manufacture 6-75

Engine(s) currently installed:

Manufacturer LYCOMING Model TIO-540-C1A Serial _____
Manufacturer " Model " Serial "

Propeller(s) currently installed:

Manufacturer HARTZELL Model HC-E34R-2ATF
Serial _____
Manufacturer ~~HC-E2XR-2RBSF~~ Model _____ Serial _____
Serial _____
Serial _____
Serial _____

DATE 19__	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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Date: 10-14-99 N713EC WO2082
 Hobbs: 524.9

Concord Aviation Services
 71 Airport Rd.
 Concord, NH 03301

1. Left and right struts leaking fluid. Removed both struts from AC. R&R Oring MS28775-328 and MS28775-228 in each strut. Installed back on AC and serviced with 5606 hydraulic fluid and nitrogen.
2. Left tire worn to limits. R&R tire with Goodyear 700X6-8PRF.
3. Weak charge and current reported on battery. Removed battery from AC, serviced with distilled water, and top charged for 24 hours. Test for volts and amps good.
4. Pilot reports some amperage difference while prop de-ice is cycling. Tested with engines off. Correct areas of de-ice boots heated during the de-ice cycle with no major drop in amperage during the complete cycle.

David Linares *D L Linares*

Cert. #143582905A&P

Date: 12-07-99 N713EC WO2113
 Hobbs: 525.4 TTAC: 2207.2

Concord Aviation Services
 71 Airport Rd.
 Concord, NH 03301

1. ELT date and function test IAW FAR 91.207 (D).
2. R&R right and left vacuum filters P/N B3-5-1.
3. 4 cracks stop drilled in right engine baffling.
4. Tail section shows signs of paint stripper. Cleaned area and applied Corrosion-X.
5. Dressed out nicks in all prop blades.
6. Brake reservoir half full. Serviced with 5606 hydraulic fluid.
7. Serviced hydraulic power pack with approx half qt. 5606 hydraulic fluid IAW Piper Maint Manual.

CONT.....

Revisions and Alterations

(To include date, Number of
or other applicable entries.)

Revisions

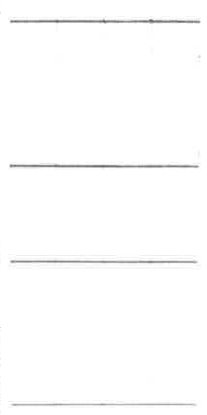
(Number of
entries.)

- 8. Battery drains over period of several days. R&R battery with new P/N G-244, S/N G01878876. Found electrical leak between positive terminal and battery box due to broken bakelite insulation.
- 9. Removed positive terminal stud from battery box. Cleaned area of corrosion and applied insulating paint. Installed stud back into box with two new gasket/insulation pads.
- 10. Inlet to pitot tube has corrosion buildup from paint stripper. Cleaned inlet nose port.
- 11. Static ports on pitot tube partially plugged. Cleaned ports.
- 12. 11 18 99- R.M. called NE FSDO. They stated that the fire bottles do not require any hydrostatic testing under part 91.
- 13. Each cable for right engine rubbing and splitting nylon cover over fire extinguisher line. Installed nylon sleeve between cable and line.
- 14. Warning light in landing gear actuator handle inop. R&R terminal block P/N 753-037 and knob assy P/N 31909.00.
- 15. CW AD 88-21-07R1 - Fuel filler compartment test- Test revealed cracks in rubber vents hoses (right and left outboard systems did not hold pressure). Removed damaged hoses and installed on each outboard tank vent system 1) (2) elbows P/N 558 843, (14) Tinnerman P/N NAS395-6, and Mil-6000 3/8 inch hose.
- 16. CW AD 99-14-01 Operating AC in icing conditions. Inserted copy of AD into "Normal Procedure" and "Limitations" sections of the AFM, and notified owner of insertion to comply. No further action required.

To verify that this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition.

Richard Meyers

Cert. #1537483 IA/A&P



DATE 1-4 19	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.)
1-4				Replaced nose wheel bearings & races with factory new replacements, packed with lithium grease, and returned to service D.F. Kunkler A+P 271401217
1-5-2001	556.9		2,238.9	Completed annual inspection this date using Piper inspection report as a guide, serviced the battery, brake reservoir, hydro resistor, gyro & fuel screens/filters, greased landing gear, cleaned & repacked all wheel bearings, completed retraction check, complied with the following repetitive ADs 79-11-06 Inspection of landing gear selector handle, 80-18-10 Function of fuel selector valves, 81-04-05R2 Par (b)(2) Inspection of flap bellcrank, 88-21-07R1 Inspection of fuel caps & drains, disabled & placarded heater inoperative until Continued on next page

Repairs and Alterations
 and Certificate Number of
 Technician or Repair Facility. (See back pages for other specific entries.)

Description of Inspections, Tests, Repairs and Alterations
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 Technician or Repair Facility. (See back pages for other specific entries.)

Continued from previous page
 AD 96 38.07 is complied with, see aircraft
 file for full AD compliance listing, replaced
 the EHI batteries, next due Jan. 2003,
 per formal inspection & functional test per
 FAA 91.217(d), remote w.a.t.h is still
 placarded as inoperative, Found by that this
 aircraft has been inspected in accordance
 with an annual inspection and is in airworthy
 condition. *Signature: [illegible] N1413JA*
 332.5) (W AD 56-20-07 Per (a) 11A1W
 Jettison maint & Overhaul manual DTD OCT 81
 100 Hr Inspection & Pressure decay Test (1W
 Next due - 432.5 on Feb 2003.
Signature: [illegible] 180567

TOTAL TIME IN SERVICE
 3388

TODAYS FLIGHT

RECORDING TACH TIME
 5:00

DATE
 11/11/01 574.5 (Hoster Hobbs)

Repairs and Alterations

and Certificate Number of
but other upon the certificate

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	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	
1.1.01	574.5	(Hoster Hobbs)	3738.4	Continued from previous page AD 96-20-07 is complied with, see serial 1 file for full AD compliance listing, replaced the EHI batteries, next due Jan 2003, per formal inspection & functional test per FAR 91.207(d), remote fault is still recorded as inoperative, Found by that this aircraft has been inspected in accordance with an Annual inspection and is in airworthy condition. <i>Signature: [illegible] NRP473613JA</i> 332.5) C/W AD 56-20-07 Par (a) 11A12 Jettison maint & overhaul manual STD OCT 81 100 hr inspection & pressure decay test C/W next due - 732.5 on Feb 2003. Shogor was at 1805617

DATE 19 _____	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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The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Encoder was checked IAW FAR 43, Appendix E, Paragraph C. I certify that the static pressure system(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E paragraph C and comply with FARs 91.411 and 91.217.

#1 Transponder KT76A S/N 95022

#2 Transponder _____ S/N _____

L/H Altimeter S/N 12345-35K tested to 35,000 ft

R/H Altimeter S/N _____ tested to _____ ft

Encoder S/N 12345-35K tested to 35,000 ft

WO# 8135 Date 1-24-07

Signature Ken Rho
QUEST AVIONICS, INC.
 FAA Repair Station QVNR604L, Ocala, FL 34474

N713EC

Revisions and Alterations
 certificate of maintenance
 other appropriate conditions

DATE
 10

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.)

Completed annual inspection. This date using Piper
 inspection report as guide, serviced tires, battery, brake
 fluid & brake circuit, main fuel injector screens,
 replaced brake filter, lubricated air frame and control
 gear, repacked all wheel bearings & replaced the
 following: both nose wheel bearings & reset all
 brake linings, changed in 214 wheel cylinders,
 RFA main gear tire & hub, removed stroke 22 power
 supply for repair, removed charges both, hydrostatic
 tested 1-23, reinstalled, removed & rechecked,
 inspected 111, 214, 228, 229, 230, removed and
 observed inspection, complied with the operation
 section of the regulations FAR 79.1001. Car bench by
 inspection 21-18-58 "fuel valves" by inspection & operation,
 21-04-58 "flap balance" by inspection, 21-07-58
 "fuel cap & drains" by inspection, 23-03-58 "fuel
 injector lines" by inspection, see annual 21 file for
 file to turned on next page

DATE 2002 19	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.)
1-11-02	636.41		2,318.41	Continued From previous page - Full AD note compliance listing. I certify that this aircraft has been inspected I/A/W an annual inspection and is in airworthy condition. <i>William J. Miller IA 1473613</i>
2-27-02				REMOVED, REPAIRED & REINSTALLED AUTO-PILOT FLIGHT CONTROLLER, ^{S/N: 2292} FOR GROUND CHECKS GOOD. RETURNED A/C TO SERVICE. <i>Sam C. Willey CE Avionics CR5#DEARAIM</i>
2-11-02	651.0		2,377.83	Replaced strobe light with new unit Model # A413AHDA-CF-14/28 S/N 25845 P/N 01-077028-05 <i>William J. Miller ATP 1473613</i>
5-29-02	668.3		2,350.30	Removed R/H exhaust riser's, repaired by CR5# N55R069N under WD.# 75784 dated 5-16-02, reinstalled using new gaskets & lock checked. <i>William J. Miller R & P 1473613</i>

Repairs and Alterations
ing and Certificate Number of
ages for other specific entries.)

see - Full AD note
 certify that this aircraft
 is/w as annual inspection
 condition.
 ID 1473613
 INSTALLED AUTO-
 SYN 2292
 FOR GROUND
 ED A/C TO SERVICE
 of CFS#0EACR11M
 new unit Model #
 5845 P/N 01-077-011-01
 Model ATP 1473613
 repaired by CRP
 dated 5-16-00, serial #
 checked.
 J. M. Miller
 1473613

DATE
19

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.)

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Encoder was checked IAW FAR 43, Appendix E, Paragraph C. I certify that the static pressure system(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E paragraph C and comply with FARs 91.411 and 91.217.

#1 Transponder KT76A S/N 95622
 #2 Transponder S/N
 LH Altimeter S/N 12345-351C tested to 35,000 ft
 HSI Altimeter S/N 12345-351C tested to 35,000 ft
 Encoder S/N 533724 tested to 30,000 ft
 WOV 2596 Date 7-21-03
 Signature *[Signature]*

QUEST AVIONICS, INC.
 FAA Repair Station QVNR604L, Ocala, FL 34474

N713EC Hubs 700.7
 Attention Card is aircraft file
 P.E.M.

8-1-03 Heater Disabled by putting
 lock out on circuit breaker, panel
 labeled "Heater Inoperative", AD
 96-20-07 is due.
[Signature] ATP 1473613
 3-3-03 Heater hour meter 3747
 Aircraft hour meter 6971 CW
 AD 96-20-07 Par (a) by pressure
 decay check of combustion tube &
 operational test of air pressure
 switch IAW "Janitor Maintenance
 and Overhaul Manual", reconnected
 fuel supply line & removed circuit
 breaker lockout, reconnected operational
 test
[Signature]
 ATP 1473613

DATE 19 <u>2003</u>	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.)
3-6-03	700.7		2,382.7	Completed annual inspection this date using Piper Inspection Report 230-205 as guide, serviced tires, battery, hydro & brake reservoir, main fuel screens & replaced hydro filter, lubricated airframe controls & greased gear, weighed CO ₂ container, Replaced ELT batteries and inspected I/A/W FAR 91.207 (d), batteries next due 3-05, Replaced L/H wing tip strobe flash tube, C/W ADs 79-11-06 Gear Handle by inspection, 80-18-10 by inspection & functional check, 81-04-05 RE Flap Belcrank by inspection per (b)(2) 88-91-07 R2 Fuel Caps & Drains by inspection, 01-17-13 Tan Pero Fuel Shut Off regulator Valve by inspection & function check, see aircraft "Flight Manual" for AD listing & when next due I certify that this aircraft has been inspected I/A/W an Annual inspection and is in airworthy condition. <i>William J. Miller IA 1473613</i>

ns, Tests, Repairs and Alterations
Name, Rating and Certificate Number of
(See back pages for other specific entries.)

inspection this date using
230-205 as guide, serviced
o r brake reservoir, main fuel
hydro filter, lubricated airframe
cap, weighed PRe container,
ries and inspected I/PIN
series next due 3-05, replaced
Flesh Tube, C/W ADs 79-11
inspection, 20-18-10 by inspect
14-05 RE Flap Bellcrank by rep
-21-0702 Fuel Caps & Drive by
Tanker Fuel Shut off valve
Pumkin check, see aircraft
disturb when next when I
aircraft has been inspected
inspecting and is in
from 2. With I.P. 14711

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.)

Annual inspection completed this date using
"Piper Inspection Report" as guide, serviced battery,
lines, brake & hydro reservoir, lubricated airframe
controls, greased gear, cleaned & inspected all wheel
bearings. C/W ADs 79-11-06 by inspecting "Bear Selector
Handle" 80-18-10 by inspection and functional check
of "Fuel Valve Controls" 81-04-05 R1 by replacing
Flap actuator bellcrank with P/N 16423-006, this
is terminating action for this AD, AD 03-09-13
by replacing Flap Torque Tab with P/N 104622-004
This is also terminating action for this AD, 88-21-07 R1
by inspecting vents, caps & door seals of "Fuel Fillers" Replaced,
engine induction air Filters with Bracket BA-3600 units
I/PW STC # SA716L, see 337 form this date, also see
Bracket Document I-194 for "Continued Airworthiness, engine
breather elbows with P/N 458-952 @ engine fitting, "O" rings
in RA strut, vacuum regulator filters with P/N 83-5-1,
Continued on next page

DATE
19 2004

RECORDING
TACH
TIME

763.3

TODAYS
FLIGHT

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TOTAL
TIME IN
SERVICE

2445.3

Tests, Repairs and Alterations
Name, Rating and Certificate Number of
the back pages for other specific entries.)

page
grounding lead & lead
the copper #2 wire, removed
port plate, cleaned, repaired
box, painted & reinstalled,
NW FAR 91.207 (d)(1) thru
side for AD compliance listing
I certify that this
been inspected I/A/W
and it is airworthy
Tom J. Miller I.D. 147211

DATE 19
TACH TIME

10-20-04 8:34

CRAIG A
Concord Mun
83 Airp
P.O. Box
Concord, New Hi

ATO XPCR manufactu
Model) 525-330
BIN 211185 was
as per FAR01.413
with appendix F and appropriate
of Part 43.

UNITED INSTRUMENTS, INC.

ALTIMETER SER. NO. 12345-35X

Alt. Reads	Add Algebraically	
	Room Temp. °C	Low Temp. °C
-1000	+15	
0	0	
500	-5	
1000	+5	
1500	-10	
2000	-10	
3000	-10	
4000	-10	
6000	+5	
8000	+15	
10000	+20	
12000	+30	
14000	+40	
16000	+50	
18000	+50	
20000	+35	
22000	Full	

DATE: 10/20/04
TESTED BY: J.A.

Alterations
Number of
specific entries.)

1-135, A8-3,
773 558 2030
1-1501, GAE-48,
Spittler, JAS
12295 and
milled by
years. Current
accuracy.

DAVENPORT
CHIEF INSPECTOR
FAA REPAIR STATION
#RS5R182N

INSPECTED BY: J.A.
2480602

comply with FAR91.411

Next verification is due before 11-1-04

DATE 2005	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.)
2-14-05	856.0	/	2,538.0	Complied with the following repetitive ADs 79-11-06 by inspecting landing gear selector handle, 80-18-10 by inspecting, lubricating and function testing fuel selectors I/A/W 5/B 507, 88-21-DTR1 by inspecting fuel vent/drain lines I/A/W 5B 340, 04-21-05 by performing pressure decay test on heater combustion flame tube and function test of air pressure switch, 04-25-16 by pressure testing and visual inspection of fuel pressure regulator/shut off valve <i>Anthony M. Miller</i> ATP 1473613
4-12-05	860.1	/	2542.1	Replaced ELT batteries, next due replacement 4-07, Inspected ELT & function tested I/A/W FAR. 91.207(d)(1) + (b)(4) <i>Anthony M. Miller</i> ATP 1473613

DATE 2005	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.)
7-1-05	868.2	/	2,850.2	<p>Continued from previous page — reinstalled shoulder restraints and function tested tools. Complied with the following ADs 79-11-06 by inspecting landing gear selector, 80-18-10 by inspecting fuel selector valve system, 88-21-07R1 by inspecting fuel vent/drain system, 04-21-05 by performing pressure decay test and functional test of air pressure switch of heater, 04-25-16R1 by pressure testing and visual inspection of heater fuel pressure regulator/shut off valve. See aircraft file for full AD note compliance listing and when next due. Inspected ELT I/A/W FAR 91.307(d)(1) thru (4). I certify that this aircraft has been inspected I/A/W an Annual inspection and is in airworthy condition.</p> <p><i>Arthur J. Mills</i> IR 1473613</p>

DATE 19 _____	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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The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Encoder was checked IAW FAR 43, Appendix E, Paragraph C. I certify that the static pressure system(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E paragraph C and comply with FARs 91.411 and 91.217.

#1 Transponder GTx330 S/N 841118L3

#2 Transponder S/N

L/H Altimeter S/N 12345-35K tested to 35,000 ft

R/H Altimeter S/N tested to ft

Encoder S/N 4126 tested to 35,000 ft

Encoder S/N 4125 tested to 35,000 ft

W/O 13058 Date 11-21-06

Signature *Robert F. K...*

QUEST AVIONICS, INC.
FAA REPAIR STATION
QVNR604L
OCALA, FL 34474

N 713EC

Tach/Hobbs 966.0

AIRFRAME LOG BOOK ENTRY - N713EC

Date: 11-25-06 Hour Meter: 966.0 Total Time: 2948.0
 Make: Piper Model: PA-23-250 Serial Number: 27-7554151
 Replace all fuel cells with Floats & Fuel Cells, L/H P/N 565, S/N's O/B CR 425, I/B CR426, MFG date 4-06 & 5-06, R/H P/N 566, S/N's O/B CR460 I/B CR459, Mfg date both 8-06. Installed using all new gaskets and clamps. Filled and leak tested.

Arthur G. Miller
Arthur G. Miller A&P1473613 I.A.

ions, Tests, Repairs and Alterations
 with Name, Rating and Certificate Number of
 Technician or Repair Facility. (See back pages for other specific entries.)

DATE
14

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.)

AIRFRAME LOG BOOK ENTRY - N713EC

Date: 12-22-06
 Make: Piper
 Removed oxygen bottle, hydrostatic tested, serviced and leak tested.

Hour Meter: 966.3
 Model: PA-23-250
 Total Time: 2948.3
 Serial Number: 27-7554151

Arthur G. Miller

Arthur G. Miller A&P1473613 I.A.

AIRFRAME LOG BOOK ENTRY - N713EC

Date: 6-13-07
 Make: Piper
 Completed Annual Inspection this date using Piper Inspection Report Form as guide and instructions for
 "Continuing Airworthiness" as applicable.

Hour Meter: 975.0
 Model: PA-23-250
 Total Time: 2957.0
 Serial Number: 27-7554151

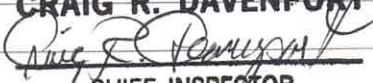
Serviced: - Tires, main fuel screen battery, hydraulic and brake reservoirs.
Lubricated: - Airframe and engine controls, landing gear and repacked all wheel bearings.
Replaced the following: - Hydro filter element, engine induction air filter elements, engine lower cowl heat shield blankets, sponge air filters on vacuum regulators, AN 918-D fitting (due to crack in female pipe thread area) on gear retraction manifold located forward of hydraulic power pack and ELT batteries (next due replacement 7-09).

Complied with following A.D. Note(s): (See aircraft file for A.D. Note compliance listing & when next due)
 79-11-06 C/W by inspecting gear selector handle I/AW SB635
 80-18-10 C/W Par (b) (1)&(2) by inspecting, lubrication and function checking fuel selector system I/AW SB507
 88-21-07 C/W by inspecting fuel vent system I/AW SB 340
 02-26-01 C/W Par (c) by inspecting fuel injector lines I/AW M.S.B.#342D
 04-21-05 C/W Par (e) (1) by conducting heater pressure decay check and functional test of air pressure switch
 04-25-16 R1 C/W Par (e) (1) by visual inspection of heater shut off valve
 Inspected and function tested ELT I/AW FAR 91.207 Par (D) (1) through (4)
 I certify that this aircraft has been inspected IAW an annual inspection and is in airworthy condition.

Arthur G. Miller

Arthur G. Miller A&P1473613 I.A.

I713EC
 Total Time: 2948.0
 Serial Number: 27-7554151
 O/B CR 425, I/B CR426, MFG date 4-06 &
 -06, Installed using all new gaskets and
Arthur G. Miller
 G. Miller A&P1473613 I.A.

DATE 19 _____	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.)
8-3-07				Removed GTX-330, 3.4 hrs from the radio stack for repair.
CRAIG AVIONICS Concord Municipal Airport 83 Airport Rd. P.O. Box 865 Concord, New Hampshire 03302			CRAIG R. DAVENPORT  CHIEF INSPECTOR FAA REPAIR STATION #RS5R182N	
END				
8-16-07				REINSTALLED GTX-330 S/N 94111813 OAS CHECK OK
END				Renard prob A/P 2601813
9-17-07				Removed MX-20 data card and C/NX-80 for Garmin AT software update. Removed GTX-330 for exchange. Reinstalled updated MX-20 data card and C/NX-80 plus Garmin exch- GTX-330 in A/C. Exchanged *1 encoder for new, like unit, SAE5-35. See FMS. Recertified the static system for CFR @ Garmin JB0621 has been complied with
CRAIG AVIONICS Concord Municipal Airport 83 Airport Rd. P.O. Box 865 Concord, New Hampshire 03302				

Tests, Repairs and Alterations

no. Rating and Certificate Number of back pages for other specific entries.)

14/1/1971 Radio Stack

MIG R. DAVENPORT

CHIEF INSPECTOR
FAA REPAIR STATION
#RS5R182N

330 42 37111813

2nd part ACP 2001813

*and CXX-30 for Gavina AT
37X-330 for exchange & installed
and CXX-30 for Gavina exchange
of 1/20/71 for no. alterations
verified the date system
A form completed with*

DATE

14

RECORDING
TACH
TIME

ATC XPDR manufacturer
Model *57X-330*
S/N *410/244* was tested and inspected
as per FAR91.413 and found to comply
with appendix F and appendix E paragraph C
of Part 43.

*HAA
8899*

TODAYS
FLIGHT

Savina

TOTAL
TIME IN
SERVICE

ENDS

*Repair 4116 AV-210 repair and C1-1501 engine
installed the AV-300 repair done to the original with a
891-130-1A in the left and the AAATSR-CA in the right
to the original FG-142 case. This is considered a modification
with no Form 337 required. No change is required.*

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.)

CRAIG R. DAVENPORT

CHIEF INSPECTOR
FAA REPAIR STATION
#RS5R182N

CRAIG R. DAVENPORT
Concord Municipal Airport
83 Airways Rd
P.O. Box 855
Concord, New Hampshire 03301

CRAIG R. DAVENPORT

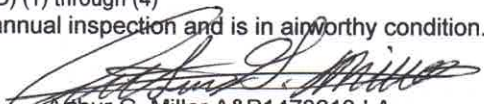
CHIEF INSPECTOR
FAA REPAIR STATION
#RS5R182N

ENDS

DATE 19 ____	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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AIRFRAME LOG BOOK ENTRY - N713EC

Date: 5-23-08 Hour Meter: 1005.6 Total Time: 2987.6
 Make: Piper Model: PA-23-250 Serial Number: 27-7554151
 Completed Annual Inspection this date using Piper Inspection Report Form as guide and instructions for "Continuing Airworthiness" as applicable.
Serviced: - Tires, main fuel screen battery, hydraulic and brake reservoirs.
Lubricated: - Airframe and engine controls, landing gear, repacked main gear wheel bearings.
Replaced the following: - Engine induction air filter elements, sponge air filters on vacuum regulators, 3 each AN 918-1D fittings with AN918-1J fittings (due to cracking in female pipe thread area) on gear retraction/extension manifolds located forward of hydraulic power pack, top two "O" rings on both R/H brake master cylinders, both main gear tires and tubes, tires with Goodyear Flight Custom III, S/N's L/H80360337 R/H80370382, tubes with Aero Classic, emergency gear down CO2 bottle with P/N 453-139.
Complied with following A.D. Note(s): (See aircraft file for A.D. Note compliance listing & when next due)
 79-11-06 C/W by inspecting gear selector handle I/A/W SB635
 80-18-10 C/W Par (b) (1)&(2) by inspecting, lubrication and function checking fuel selector system I/A/W SB507
 88-21-07 C/W by inspecting fuel vent system I/A/W SB 340
 02-26-01 C/W Par (c) by inspecting fuel injector lines I/A/W M.S.B.#342D
 04-25-16 R1 C/W Par (e) (1) by visual inspection of heater shut off valve
 Inspected and function tested ELT I/A/W FAR 91.207 Par (D) (1) through (4)
 I certify that this aircraft has been inspected IAW an annual inspection and is in airworthy condition.


 Arthur G. Miller A&P1473613 I.A.

Tests, Repairs and Alterations
 (Rating and Certificate Number of
 back pages for other specific entries.)

IEC
 Total Time: 2987.6
 Serial Number: 27-7554151
 Form as guide and instructions for

in gear wheel bearings.
 air filters on vacuum regulators, 3
 pipe thread area) on gear
 op two "O" rings on both R/H brake
 ght Custom III, S/N's L/H80360337
 e with P/N 453-139.
 ompliance listing & when next due)

selector system I/AW SB507

is in airworthy condition.

[Signature]
 A&P1473613 I.A.

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.)
19				

The A/C transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Encoder was checked IAW FAR 43, Appendix E, Paragraph C 1 certify that the static pressure system(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E, Paragraph C and comply with FARs 91.411 and 91.217.

#1 Transponder GTX 330 S/N 84107246
 #2 Transponder --- S/N ---
 L/H Altimeter S/N 12395-35K tested to 35,000 ft
 Encoder --- S/N --- tested to ---
 R/H Altimeter S/N 4125 tested to 35,000 ft
 Encoder S/N 7820 tested to 35,000 ft
 W/A 14534 Date 5-20-09

Signature
 QUEST AVIONICS, INC.
 FAA REPAIR STATION
 QVNR604L
 OCALA, FL 34474

N 713 EC
 (Fac 611obbs) 1042.7

DATE 19 ____	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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AIRFRAME LOG BOOK ENTRY - N713EC

Date: 6-1-09

Hour Meter: 1042.0

Total Time: 2724.0

Make: Piper

Model: PA-23-250

Serial Number: 27-7554151

Completed Annual Inspection this date using Piper Inspection Report Form as guide and instructions for "Continuing Airworthiness" as applicable.

Serviced: - Tires, main fuel screens, battery, hydraulic and brake reservoirs.

Lubricated: - Airframe and engine controls, greased landing gear.

Replaced the following: - Engine induction air filter elements, engine crankcase breather elbows at crankcase P/N 458-952, ELT battery pack, next due replacement 8-2011, hydraulic filter element, heater fuel shut off/regulator with unit approved as direct replacement from C&D Airmotive P/N CD20801 S/N 0738.

Complied with following A.D. Note(s): (See aircraft file for A.D. Note compliance listing & when next due)

79-11-06 C/W by inspecting gear selector handle I/AW SB635

80-18-10 C/W Par (b) (1)&(2) by inspecting, lubrication and function checking fuel selector system I/AW SB507.

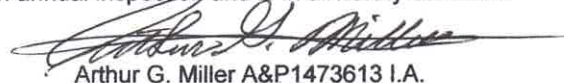
88-21-07 C/W by inspecting fuel vent system I/AW SB 340

08-14-07 C/W Par (j) & (k) by inspecting fuel injector lines I/AW M.S.B.#342E on both engines

AD 04-25-16R1 is no longer applicable due the shut off/regulator valve change show above.

Inspected and function tested ELT I/AW FAR 91.207 Par (D) (1) through (4)

I certify that this aircraft has been inspected IAW an annual inspection and is in airworthy condition.



Arthur G. Miller A&P1473613 I.A.

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.)

3EC

Total Time: 2724.0

Serial Number: 27-7554151

Form as guide and instructions for

NOTES

check breather elbows at
hydraulic filter element, heater fuel
inlet (P/N C120801 S/N 0738
replace when leaking & when next due)

Exhaustor system I/AW 5B507

both engines.

hinge show above

air is in airworthy condition



A+P 14736131A

DATE

19

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
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.)

Reg #: N713EC

Hobbs: 1052.1

Total Time: 2734.1

Date: 5/25/2011

Serial #: 27-7554151

Checked and lubed all controls, cleaned gascolator screens, checked heater mufflers and shrouds, cleaned and re-packed all wheel bearings, serviced brake and main hydraulic reservoir with 5606, replaced air filter elements w/new BA3505, drained servo's and checked fuel screen, serviced battery, checked ELT IAW 91-207(d), replaced hardware as necessary in panels and covers, jacked aircraft and complied with several gear swings and emergency swings, lubed landing gear, weighed CO2 cartridge for emergency gear extension, placarded nose baggage door, replaced o-rings in R rear brake caliper and bleed brakes, replaced 2 brake pads on R rear caliper w/ new, complies with AD 04-21-05 and 04-25-16 R1 and no defects noted, checked and complied with AD's as necessary-see T data pages. All work accomplished with annual inspection this date.

I certify that this aircraft has been inspected in accordance with an annual inspection using FAR 43 Appendix D as a guide and is determined to be un-airworthy at this time. Aircraft will be considered airworthy when the following gripes are cleared 1. Run and leak check of engines and fuel system, 2. L. alternate air and front seat heat controls have new knobs installed, 3. Elevator trim hinge pins are replaced, and 4. Test flight of aircraft to ensure all systems operate normally.

Robert Glen Horne, Jr.



A+P 2374652 IA

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.)
6/19/11	1052.1	HOBBS		INSTALLED 4 NEW STABILATOR TRIM TABS HINGE PINS ON L + R SIDES - NO MORE HINGE PLUMY NOTED HINGE PIN P/W 21510-002 <i>Steph Jen ATP 8560789</i>
6/17/11	1052.1	HOBBS		INSTALLED NEW CABLE CONTROL FRICTION RELEASE KNOBS ON LH ALT. AIR + FRONT SEAT HEAT CABLES - A/C STILL REQUIRE RUN UP + WORK CHECK FOR ANNUAL <i>Steph Jen ATP 8560789</i>

A/C : Piper PA-23-250 REG. N 713EC WORKORDER # 7499
 ALTIMETER CORRECTIONS
 Advanced Avionics, Inc Lempster NH 03605
 CRS VNHR718K Phone: 603 863 8888

TRUE ALT.	FLY AT	TRUE ALT.	FLY AT
-1,000	-980	10,000	10000
0	0	12,000	12000
500	495	14,000	14000
1,000	990	16,000	16010
1,500	1495	18,000	18000
2,000	1990	20,000	19990
3,000	2980	22,000	21970
4,000	3980	25,000	24960
6,000	5990	30,000	29900
8,000	8000	35,000	/

I CERTIFY THAT THE TRANSPONDER-/ALTIMETER-/STATIC LEAK TESTS OF PART 91.411 & 91.413 HAVE BEEN COMPLIED WITH IN THIS AIRCRAFT.

Altimeter: s/n 12345-35K
 Xpdr: GTX 330 s/n 8410 7246
 AD 2005-01-19 o.k.
 Encoder: SAE5-35 s/n 7820
 ALSO PARAGRAPH @ APP. E PART 43 CORRESPONDENCE TEST HAS BEEN COMPLIED WITH

SIGNATURE *Eckhard Straeter* Cert.# 2428516
 ECKHARD STRAETER FORM AAI 200

EXPIRES
 DATE: 16. June 11 END OF June 2013

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.)

NEW STABILIZER TRIM TABS
 WIRE HINGE PLAYS NOTED
 the [Signature] ATP 8860789
 WAS CONTROL FRICTION REVERSE
 ENT CABLES - A/C STICK REPAIR
 the [Signature] ATP 8860789

KORDER # 7499

[Signature], Inc Lempster NH 03605
 Phone: 603 863 8888

SPONDER-/ALTIMETER-/STATIC LEAK TESTS
 HAVE BEEN COMPLIED WITH IN THIS AIRCRAFT.

s/n 12345-35K

s/n 8410 7246

5-01-19 o.k

s/n 7820

43 CORRESPONDENCE TEST HAS BEEN COMPLIED WITH

[Signature] Cert. # 2428516

ARD STRAETER

FORM AAI 200

DATE

10

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.)

7-9-11

1052.1 Hobbs

— Run-up

and leak check of engines and fuel system complete.

11-9-11

No leaks noted.

Past annual flight check complete. All systems operating normally.

James I. Evans / James / Evans ATP 2210678

1070.7 Hobbs — Installed new Whelen PAR 46 LED Landing Light.

Part # 01-0790623-20

James I. Evans / James / Evans ATP 2210678

James I. Evans / James / Evans ATP 2210678

DATE 19__	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.)
4-2-12	#101335 1072.0			<p>Removed MX-20 CNX-80, PR-87, KI-227, RA-445 MX-10, radar alt system, Altimetic V A/P system, EIT, EIT ant. 1051420-03M-TC 1051420-ANST-78, AE5-35, A-33 ant. Installed Star systems SX with Auto trim 1A10 STC SA09198AC-8, 10-12-1995 amended 04-18-07 GTN-750 GRS/50AS C/D system with G10GA SI 1A10 STC SA02019SE-8 issued 3-18-2011, GA-35 BS/AAS antenna 1A10 STC SA01695SE amended Feb 2007 E-04 EXT @ whip antenna, A/P on EFS 1000 PRO FEED EFS, ACO configuration, modull. TSM 1A10 STC SA0822SC issued 3-28-08, issued 4-18-08 alt indicator 5000B-36 and altimeter switch/wandler all in space provided by Piper and according to manufacturers specs. See manual at B/guip. list, FMS Form 337's. END</p>
<p>CRAIG AVIONICS Concord Municipal Airport 83 Airport Rd. P.O. Box 865 Concord, New Hampshire 03302</p>				
<p>CRAIG R. DAVENPORT <i>Craig R. Davenport</i> CHIEF INSPECTOR FAA REPAIR STATION #RS5R182N</p>				

DATE 19	RECORDING TAGH HOURS 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.)
8/3/12	1072.8		2754.8	<p>A/C → RUN UP + CLEANED AS NECESSARY FOR AN ANNUAL INSPECTION: - INSTALLED 4 NEW STAB BOLT DUST COVERS THAT WERE MISSING - TIGHTENED LOOSE RH INNER BOLT - TIGHTENED LOOSE AFT BAGGAGE DOOR STRUT BACK END - LUBED + CHECK ALL DOOR WARNING SWITCHES - REPAIRED AFT BAGGAGE DOOR SEAL IN TORN SPOT - REPAIRED CABIN DOOR HOLD OPEN STRUT - REMOVED HEATED WINDSHIELD GLASS PLATE FOR SUMMER - REPLACED TORN HEATER DRAIN BRACKET - SECURED LOOSE AVIONICS WIRES BY RT DOOR SILL - REMOVED TY-WRAP DEBRIS AROUND CONTROL COLUMN - REPAIRED AFT PASSENGER OVERHEAD LIGHT COVERS SO SWITCHES WORK - REPLACED MISSING PILOT'S SEAT BELT SHOULDER HARNESS SNAP CLIPS - REPLACED STRING IN CO-PILOT'S ENTRANCE HANDGRIP - REPLACED ALL 3 STRUTS FLUID - SERVICED WITH NITROGEN - PAINTED WHEEL RIMS ALL 3 - TIGHTENED LOOSE RMLC INNER DOOR HINGE SCREWS - REPLACED BROKEN RUDDER STATIC WICK - MADE AN ACCESS PANEL FOR ELT - TOUCH UP PAINTED NOSE CONE - REMOVED BURNT UP CIGAR LITER RESISTOR + INSTALLED 5 AMP FUSE HOLDER + FUSE - INSPECTED + TESTED ELT JAW FARE 91.207c - C/W AD RESEARCH - AD 88-21-07 R1 FUEL FILLER / WATER INSPECTION - AD 08-14-07 - FUEL LINE INSPECTION</p>

CONTINUED FROM PREVIOUS PAGE

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.)

RUN UP + CLEANED AS NECESSARY
 INSTALLED 4 NEW STAB BOLT DUST
 COSE RH INNGR BOLT - TIGHTENED LOOSE
 RED + CHECK ALL DOOR WIPER SWITCHE
 WSPOT - REPAIRED CABIN DOOR HOLD SPR
 MASSPARE FOC SUMMER - REPAIRED TURN
 LOOSE AVIATION WIRES BY RT DOOR SICK -
 REC COLUMN - REPAIRED AFT PASSENGER
 WALK - REPLACED MISSING ALLOT'S
 CLIPS - REPLACED STRING IN CO-PILOT
 CC 3 STREUT'S FLUID - SERVICED WITH NITROGEN
 REWIND LOOSE RIM LE INNER DOOR HINGE SCREW
 C - MADE AN ACCESS PANEL FOR ELT
 BURNED BURNT UP CIGARETTE FOR RESISTOR
 - INSPECTED + TESTED ELT FAW FAR
 9347 - AD 88-21-07 R1 FUEL
 08-14-07 - FUEL LINE INSPECTION
 NEXT PAGE →

DATE

19

8/3/12

RECORDING TACH TIME

10728

TODAYS FLIGHT

2754.8

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.)

ON BOTH ENGINES - SEE AD COMPLIANCE
 THIS A/C WAS INSPECTED USING APPEN
 230-205 1 THRU 6 AS A GUIDE - THIS A/C
 APPENIX D SCOPES + RESTRIK
 WIRESS + SENSORS WERE INSTALLED AT THIS
 INSPECTION OF INSIGHT ENGINE ANALYSOR G-4T WHEN
 IT BECOMES AVAILABLE

Date 8/3/12 Total aircraft time 2754.8
 I certify this A/C has been inspected
 in accordance with a ~~visual~~ inspection
 and was determined to be in
 airworthy condition.
 [Signature]

10/2/12

1095.6

REMOVED RH BOOST PUMP DUE TO IMPROPER OPERATION
 PUMP P/N 33959-2 S/W 53179 - SEE TAG + OP V
 SYSTEM OK WITH NO LEAKS [Signature] HTTP8560759

DATE 19__	RECORDING TACH HOURS 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.)
9/3/13	1156.5		2838.5	<p>RAN UP A/C + CLEANED AS NECESSARY: CLEANED AND WAXED DE-ICE BOOTS - REMOVED MUD WASP NEAR LH AIRCRAFT BARRAGE WT - INSTALLED INSIGHT GEN GYT ENGINE ANALYSER - SCS 337 + HOOKED UNIT UP TO GTN750 - CONDUCTING COMMENTED STAB TIP BOOTS - LUBED CABIN ACCESS DOOR INTERIOR PARTS - REPAIRED SMALL DENT RT SIDE OF FUSelage WITH FILL + PAINT FROM PROP SLINGING ICE - RE SEWED RUBBER STRIPS AROUND WINDSHIELD W/HT PLATE - FREED UP STUCK RT MIDDLE PASSENGER LIFE SWITCH TIGHTENED LOOSE GROUND ON LH VOLTAGE REGULATOR - SECURED HEATER HOODS WIRES - SHIMMED BATTERY IN BOX TO PREVENT MOVEMENT - BENT OXYGEN BOTTLE OUT FOR INTEGRITY INSPECTION NOW DATED 8/13 - RE-INSTALLED REPAIRED ALL 3 LANDING GEAR'S UPPER + LOWER BEARINGS + REPLACED WORN SKINS - SERVICED - FOUND + PLUGGED MANY FORWARD FUSelage HOLDS TO LET COLD AIR IN - CLEANED HEATER SPARK PLUG - REPLACED SOME LMLG OUTBOARD DOOR SCREWS - RE TIGHTENED RMLG WHICH WERE LOOSE - TIGHTENED LOOSE MLC UPPER DRAG BRACE BOLTS - C/W AD RESEARCH - C/W AD 2004-21-05 HEATER OVENY TEST - C/W AD 79-11-06 LANDING GEAR SELECTOR HANDLE INSPECTION -</p> <p style="text-align: right;">NEXT PAGE →</p>

Continued from previous page

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.)

9/3/13
 1156.5
 2009-13-06
 OF PIPER S10
 FUEL LINE INSPECTION FOR
 INSPECTION OF ROTARY FUEL PUMPS LTR - INSPECTED + TESTED CRT
 FAW 91-207 C + BATTERY DUE JAN. 2017 THIS
 AIRCRAFT WAS SERVICED + INSPECTED USING PIPER MM REPORT
 230-205 P-171R G AS A REFERENCE - THIS AIRCRAFT WAS
 INSPECTED FAW FAR PART 43 APPENDIX D SCOPE + DETAIL ANNUAL
 INSPECTION AIRCRAFT.

Date 9/3/13 Total aircraft time 2838.5
 I certify this aircraft has been inspected
 in accordance with a Major inspection
 and was determined to be in
 airworthy condition.
 [Signature]

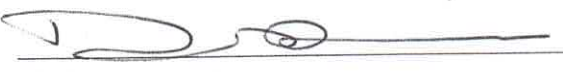
Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

9/3/13
 1156.5
 2009-13-06
 OF PIPER S10
 FUEL LINE INSPECTION FOR
 INSPECTION OF ROTARY FUEL PUMPS LTR - INSPECTED + TESTED CRT
 FAW 91-207 C + BATTERY DUE JAN. 2017 THIS
 AIRCRAFT WAS SERVICED + INSPECTED USING PIPER MM REPORT
 230-205 P-171R G AS A REFERENCE - THIS AIRCRAFT WAS
 INSPECTED FAW FAR PART 43 APPENDIX D SCOPE + DETAIL ANNUAL
 INSPECTION AIRCRAFT.

Date 9/3/13 Total aircraft time 2838.5
 I certify this aircraft has been inspected
 in accordance with a Major inspection
 and was determined to be in
 airworthy condition.
 [Signature]

(contd from previous page) Repair and reinforce existing cabin trim components as required. Install the following new plastic trim components: K33002-02 hat shelf, K3105 right door post, K33678-3 door window, K33807 right rear window, K32692 left rear window, K32692-05 left rear window and K32393-02 armrest. Refinish cabin trim components with Dietzler acrylic lacquer and placard as original. Install new BAS/Amsafe three point inertia reel shoulder harness/lap belt assemblies for pilot and co-pilot seats, part number 3052-3-181-8112, TSO C22G and C114. Re-install four lap belts for center and aft seats and four cargo straps that were re-webbed and certified by Aviation Safety Products, per FAA form 8130-3 dated 11/17/14, WO#13191-1. Buff scratches in inner and outer windows; install new LP Aero edge seals for aft inner windows and reinstall windows. Remove pilot outer window, clean degraded putty seal; reinstall same with new seal. Trim, fit and install new LP Aero FAA-PMA 609CL pilot inner window and 614CL co-pilot inner window. Remove degraded PRC seal from the perimeter of six cabin windows and windshield; mask and seal with clear LP Aero silicon seal. Remove poorly glued pilot vent window seal, clean paint overspray and old glue, reinstall original seal. Repair two fresh air feed vent tubes at aft bulkhead pass-through; install new 1" scat hose for forward vent outlets. Straighten and polish aft cabin floor trim plates. Check oxygen system for leaks; cut out corroded leaking section of oxygen line below aft floor; install new section of -4 aluminum line and flared fitting; install new #23599-000 Scott outlet at co-pilot position; remove and reinstall oxygen bottle; fill bottle and test entire system with no defects noted; lubricate shut off cable. Install eight new curtain sections on existing rails that are duplicates of original. Fabricate and install new vinyl boots for flap actuating rods. Reinforce aft floor supports with formed .040" aluminum 'C' channel riveted in place using cherry max rivets. Remove engine strip gauge cover; remove poorly installed placard strip; repair two cracks, paint cover, install placard strip, reinstall cover. Install existing aft seat intercom jacks in Avionics West mounts and install center intercom jacks in armrest supports. Fabricate and install new leather assist pads for windshield support bars. Fabricate and install velcro-mounted removable aft cabin divider panel and mounting rails; all materials pass FAR 25.853a. Clean dome light switches, treat with contact cleaner and lubricate, test cabin lights with no discrepancy noted. Revise aircraft's weight & balance as follows:

New empty weight	3659.62 lbs
New useful load	1585.38 lbs
New EWCG	89.68 ins
New moment	328203.14 in lbs



Dennis Wolter, AP21535421A
AIR MOD, 2025 Sporty's Drive, Batavia, OH 45103

12/15/14

required. Install the following
 3 door window, K33807 right
 2 amrest. Refinish cabin trim
 unsafe three point inertia reel
 3-181-8112, TSO C22G and
 re-webbed and certified by
 T scratches in inner and outer
 Remove pilot outer window.
 Aero FAA-PMA 609CL pilot
 in the perimeter of six cabin
 orly glued pilot vent window
 sed vent tubes at aft bulkhead
 sh aft cabin floor trim plates.
 y aft floor; install new section
 position; remove and reinstall
 it off cable. Install eight new
 all new vinyl boots for flap
 riveted in place using cherry
 epair two cracks, paint cover,
 West mounts and install center
 for windshield support bars.
 rails; all materials pass FAR
 in flights with no discrepancy

12/12/14
 Batavia, OH 45103

DATE	RECORDING TAG#-HOURS TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
10/1/15	12/16/19		2898.9	A/c Run up + climb for annual inspection. Replaced CO detector with new one - checked tire structure, etc - Replaced left engine on Pilot's LTR MTRAL CYLINDERS - Serviced SYSTEM - Replaced LTR Vacuum Relief Filters - Replaced Stripped nut plates on engine cowling - Replaced INSULATION BATTERY Access Panel - Insulated wires from fuel lines LTR AFFINACUS - Replaced 2 SIMUL STAB BOOT HOLES WITH PATCH - Secured AIRBRAKE SCREENS ON LTR MAIN ENGINE DOWN SWITCHES - Clw EIT TEST + INSPECTION PER FAR 91-207C FOUND OK - BATTERY DUE JAN 2017 - RESUMED AD'S - Clw AD 88-21-07 Fuel filter inspection - Clw AD 204-21 -05 HAZARD CHECK TEST PER MM 24E 25-1 FOUND OK 100% SYMMETRIC Clw ENGINE ADS - SEE LOGS - THIS A/c WAS SERVICED + INSPECTED USING PIPE M 230-205 P. 1 THRU 6 AS A GUIDE - THIS A/c WAS INSPECTED IN THE PART 43 APPENDIX D SCOR + DETAIL MANUAL INSPECTION AIRCRAFT. I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME. <i>[Signature]</i> ITAS60257

FBI/ASA

and Alterations

ificate Number of
specific entries.)

DATE	RECORDED TIME	DESCRIPTION	TECHNICIAN OR REPAIR FACILITY
4-20-16	1262.6	Located and labeled Com 2 circuit breakers. Rechecked Nav antenna coax at base of tail to cure intermittent VO operation. of C good.	

Date: 07/20/16 #1 Alt Model 910-00001-001 s/n 1104Z
 N 713 EC #2 Alt Model 5035P-T4Z s/n 12345-35K
 Factor #1 XPDR Model GTX330 s/n 8410724L
 Hobbs: 1262.6 #2 XPDR Model N/A s/n N/A
 #1 Enc Model SAES-35 s/n 7820
 #2 Enc Model N/A s/n N/A

The above listed XPDR(S) & ENC (S) were tested and inspected as per FAR 91.413 and found to comply with appendix F and E paragraph C of part 43, to include Altitude reporting.

The static pressure system and above listed Alt (S) have been tested and inspected in accordance of and found to comply with FAR 91.411

Next certification is due before 08 / 01 / 18



Concord, NH Municipal Airport
 83 Arpen Road, PO Box 966
 Concord, NH 03302
 (603) 225-8994

Jeff Dusseault
 Inspector
 Repair station # RS5R182N
Jeff Dusseault

and Alterations
 ificate Number of
 er specific entries.)

Max antime
 n. o/c good.

DATE

19

RECORDING
 TACH
 TIME

12.11.0

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.)

Back aircraft, remove inspection panels and interiors for annual S4W PA 23-250 SMM.
 Service aircraft, pack wheel bearings lube flight controls, service battery, hyd resistor, brake resistor, Repair C.A. cover by sewing velcro, Repair VIK antenna by tightening connections. perform gear swing extra beam the install inspection panels and fixator after inspection. then up 4 ops tested systems.
 with 1/8 3118645 up

DATE 19 ____	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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N: 713EC

Tach: _____ HM/DT: 1277.0

4/20/17

- 1) Aircraft inspected in accordance with FAR part 43 appendix (D)
- 2) ELT system inspected and tested IAW FAR 91.207 (d). Battery replacement due / /
- 3) See FAA Airworthiness Directive Compliance Record dated 4/29/17 or later for current status, next due date and time.

"I certify that this aircraft has been inspected in accordance with an Annual/100hr inspection and was determined to be in airworthy condition."

Lynn R Mace

4/29/17

Lynn R Mace AP 3118643 IA



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.)

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	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
05-20-17	1283.9		
<p>Removed and replaced New Antenna with a new C-157P Nav-antenna. Removed and replaced coaxial cable between the antenna and the Nav-Splitter forward. System ground checked O.K.</p>			
<p>CRAIG AVIONICS Concord Municipal Airport 83 Airport Road CONCORD, NEW HAMPSHIRE 03301</p>			
<p>CRAIG R. DAVENPORT <i>Craig R. Davenport</i> CHIEF INSPECTOR FAA REPAIR STATION #RS5R182N</p>			
<p>END</p>			

IM/TT: 1283.9

and/or (D)
 Battery replacement due

dated 1/2/17 or later for

100 Annual/100hr inspection and



DATE 19 _____	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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N: 713EC Tach: _____ HM/TT: _____

6/21/17

Installed O/H heater Ignition Assembly
P/N 17E24-4, O/H Bn Harold Haskins
IS4R 2cam, w/o # 41014 dated 6-19-14
* SS heater P/N to a 4500-2
(45070-2)

2 hr 6/21/17

Lynn R Mace AP 3118643 IA

CUBCRAFTERS
Service Center



s, 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.)

HM/TT: _____

nitron Assembly
 Harold Haskins
 014 dated 6-19-14
 4500-2

DATE
 19 _____

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.)

N: 713EC Tach: _____ HM/TT: _____

8/14/17

Removed Nose wheel, removed tire &
 tube. Inspect wheel. Install new
 Muck 600 x6-6pr tire & Airstop tube
 Adjust air press 32psi nose, 46 mains

ZHR 8/14/17



Lynn R Mace AP 3118643 IA

DATE 19__	RECORDING TAG# / HOURS 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.)
10/1/14	1181.5		2863.5	<p>A/C RUN UP + CLEANED AS NECESSARY FOR AN ANNUAL INSPECTION, REPAIRED HOLES IN RH OUTBOARD + INBOARD NACELLE PAIRINGS + LH INBOARD ONE - REPLACED SPINNING RIVNUT IN RT LOWER NACELLE INBOARD PAIRING ATTACH - APPLIED ANTI-CHAFFE TAPE TO FLAP UP RUB SPOTS - RE SERVICED 3 RIVETS LOOSENING IN LH WING INBOARD TRAILING EDGE - LABELED EXT POWER COVER - TIGHTENED LOOSE PILOT'S CONTROL COLUMN ROLLERS + LUBED - REPLACED BURNT OUT CLOCK POST LIGHT - APPLIED CORROSION X TO ENTRANCE STOP TUBE - TIGHTENED LOWER RUDDER JACKSCREW MOUNT SCREW - TIGHTENED LOOSE BAGGAGE DOOR BALL END - BALANCED NOSE TIRE - REPLACED VACUUM PUMP RELIEF VALVE FILTER + VACUUM MAIN FILTER - INSULATED WIRES RUBBING RH NACELLE FUEL LINES - C/W AD ROSEBERRY - SEE ENGINE LOGS + C/W AD 88-21-07 FUEL FILTER LINES - SECURED WIRES OVER DIS-ICE CONTROL VALVE - INSTALLED NEW CLOCK - REPLACED FRAYED STABILATOR TRIM CABLE PER MM 9-21 AND TABLE VI - C/W EXT OPERATION + INSPECTION PER FAR 91.207c BATTERY DUE JAN 2017 - THIS A/C WAS SERVICED + INSPECTED USING PIPER MM 280-205 P1 THRU 6 AS A GUIDE →</p>

NEXT PAGE

DATE	RECORDING TACH TIME	TOD/ FLIG
19		

0881 MS 28-5765

Iterations
(number of
cyclic entries.)

Date: 10-13-14 #1 Alt Model EFD 1000 s/n 11042
 N 713EC #2 Alt Model 5035A-P45 s/n 12345-35K
 Tach or #1 XPDR Model LotX330ES s/n 04107246
 Hobbs: 1182.1 #2 XPDR Model _____ s/n _____
 #1 Enc Model SAES-35 s/n 7820
 #2 Enc Model _____ s/n _____

The above listed XPDR(S) & ENC (S) were tested and inspected as per FAR 91.413 and found to comply with appendix F and E paragraph C of part 43, to include Altitude reporting.

The static pressure system and above listed Alt (S) have been tested and inspected in accordance of and found to comply with FAR 91.411
 This aircraft is certified for the purpose of IFR use
 Next certification is due before 11 / 1 / 16



Concord, NH Municipal Airport
 89 Airport Road, PO Box 966
 Concord, NH 03302
 (603) 225-8994

Jeff Dusseault
 Inspector
 Repair station # RS5R182N

Inspections, Tests, Repairs and Alterations

Number of
entries.)

389 **1102.1** **N 718 EC**

ART ROAD CONCORD NH 03301

#1 ALT SER. NO. 11042

#2 ALT SER. NO. 1A345-352K

ALT READS	Add Algebraically	
	ALT #1	ALT #2
10000	10015	10900
12000	13015	14000
14000	14015	14000
16000	16030	16050
18000	18030	18045
20000	20030	20000
22000		
25000		
30000		
35000		

INSP
By: 

11-1-16

CA#10

PIPER PA-23-250

N713EC

s/n 27-7554151

1187.3 hrs tach

12/15/14

Fabricate and install a new interior using the following approved materials. Fabric on seats and side panels: G Baker Steeves toystore puzzles. Vinyl on seats and side panels: G Baker Steeves eclipse teak, passes FAR 25.853a. Fabric for curtains: G Baker Steeves space comet, passes FAR 25.853a. Carpet: Aircraft Interior Products design accent sandpaper, passes FAR 25.853a. Headliner vinyl: G Baker Steeves eclipse parchment, passes FAR 25.853a. Clean corrosion from door and floor of nose baggage compartment, spot-treat cleaned spots with zinc chromate. Clean belly and tail cone. Install Sound Ex composite insulation kit that passes FAR 25.853a, per SoundEx installation instructions. Install a layer of Skandia SKIV3.25 1/2" closed cell foam that passes FAR 25.853a over the Sound Ex layer. Install a final 2" lofted layer of Kline and Sons OCF701 semi rigid fiberglass, trimmed to not touch the steel airframe tubing in the main body of the cabin behind the side panels. This material passes FAR 25.853a per Skandia WO# 283069-14 document ID# 60NW-315062 dated 12/09/14. Clean corrosion from bottom surface of four forward seat rails and apply zinc chromate. Fabricate four taller .040" 2024T-3 aluminum headrest back plates for four cabin seats. Replace all seat and side panel foam with Skandia flame retardant urethane foam that passes FAR 25.853a. Install two #6254-00 seat stops. Straighten and repair tears in aluminum side panels; fit and install Plane Plastics #K33801-02 eight-piece side panel trim set. Repair and re-fit extruded rails that hold plastic trim strips on side panels; mill one new 6 ft piece of extrusion to replace damaged sections. Fabricate a new .025" 2024T-3 aluminum upper cabin door trim panel. Remove seals and glue from cabin door, emergency window and baggage door; install new Piper seals. Stop-drill cracks in lower cabin door; fabricate and install .040" 2024T-3 aluminum formed doubler secured with cherry max rivets. Install a 28 volt previously-approved #0513039-7 Cessna accessory plug in right center side panel; install Ostram gooseneck reading light on right center side panel, wired to a previously approved Cessna #SI904-2 rheostat; this circuit is connected to an existing unused 5 amp Klixon circuit breaker using #18 Astro mil spec wire (MIL-W-22759E); reading light was tested at 220°F for 12 hours at 28 volts with no discrepancy noted; for continuing airworthiness inspect wiring behind side panel and in circuit breaker box whenever these areas are accessed, replace reading bulb with Ostram #3739 or equivalent. All electrical work performed per AC 43-13-1B, chapter 11, section 3, paragraphs 11-30, 11-31, 11-32, 11-33, 11-37, section 4, paragraphs 11-47, 11-48, 11-49, 11-50 a, 11-51, section 5, paragraphs 11-66 b, c, d (1), fig 11-2, paragraphs 11-67 a, b, d, 11-68 d (1) (2), b (1) (2) (3) (4) (5) (6) (7), section 6, paragraphs 11-76 a, b, 11-77 a, b (2), c, d, e, 11-78, section 7, paragraphs 11-85 a, c, 11-86, table 11-11, section 8, paragraphs 11-96 a, b, c, d, e, f, g, h, j, k, l, n, o, q, r, s, w, aa, bb, cc, dd, ee (1) (2) (3) (4), 11-98 c, d, e, f, I, 11-104, 11-107 a, section 9, paragraphs 11-117 b, 11-118 a, b, c, 11-125, section 10, paragraphs 11-135, 11-137, 11-138, 11-139 a, b (1) (2) (3) (4), c, d, section 11, paragraphs 11-146 a, b, c, d, 11-147, fig 11-12, 11-13, 11-14. (cont'd next page)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries!)</small>
5-1-18	3003.2			<ul style="list-style-type: none"> - Installed new ELT Battery G-04.0 lithium battery replacement due 12-1-22 - Jack aircraft, remove cowlings, spinners, inspection panels for annual inspection - Repair co-pilots right master cyl by the replacement of O-rings & bleed. - Repair leak on pilots left master cyl by R/R fitting and re-seal w proper sealant. - Repair hyd leak 45 MCG shuttle valve by replacement of O-ring <p style="text-align: center;">ZK Mr AP 3118643</p>

Tests, Repairs and Alterations
 (Rate, Rating and Certificate Number of
 entries. See back pages for other specific entries.)

T Battery G-04.0
 -placement due 12-1-22
 move cowlings, spinners,
 for annual inspection
 right master cyl by
 of O-rings & bleed.
 pilots left master cyl
 and re-seal w proper

45 MCG Shuttle valve
 of O-rings

AP 3118643

DATE
 19

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.)

All Aviation Services

N: 713EC Tach: 1321.2 HMTP 3003.2

5/1/18

- 1) Aircraft inspected in accordance with FAR part 43 appendix (D)
- 2) ELT system inspected and tested IAW FAR 91.207 (d). Battery replacement due 12/5/22
- 3) See FAA Airworthiness Directive Compliance Record dated 5/1/18 or later for current status, next due date and time.

"I certify that this aircraft has been inspected in accordance with an Annual 100hr inspection and was determined to be in airworthy condition."

B R Mc 5/1/18

Lynn R Mace AP 3118643 IA

WOODS
 CRAFTERS
 Center

Revisions, Tests, Repairs and Alterations
 Record with Name, Rating and Certificate Number of
 Facility. (See back pages for other specific entries.)

's fuel boost pump, inspected
 burned stator. Sent to
 for repairs performed under
 SR715L dated 6/14/2018

pump, primed w/ fuel per
 is and performed function!

ess panel.
 AP 3118643 IA 6-19-18

DATE
 19

RECORDING
 TACH
 TIME

TODAYS

TOTAL

Description of Incidents

5035 R492
 2245-3576 DATE 4-3-19
 CALIBRATION TEST

INDICATED FEET	TOLERANCE FEET	INDICATED FEET
20	-985	20
20	110	20
20	415	20
20	480	20
25	1480	25
30	2030	30
30	2980	30
35	3580	35
40	4180	40
60	7980	60
80	9585	80
90	11580	90
100	13580	100
110	15580	110
120	17575	120
130	19560	130
140		140
155		155
180		180
205		205
230		230
255		255
280		280

R STATION #RH4R492M

TER AVIONICS, INC.

518-00001-001
 11042 DATE 4-30-19
 CALIBRATION TEST

INDICATED FEET	TOLERANCE FEET	INDICATED FEET
20	-990	20
20	15	20
20	510	20
20	1575	20
25	2015	25
30	2615	30
30	3215	30
35	4120	35
40	6720	40
60	8020	60
80	10025	80
90	12030	90
100	14045	100
110	16050	110
120	18055	120
130	20055	130
140		140
155		155
180		180
205		205
230		230
255		255
280		280

REPAIR STATION #RH4R492M

CARPENTER AVIONICS, INC.

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.)

h/s fuel boost pump, inspected
 and burned stator. Sent to
 for repairs performed under
 PGR715L dated 6/14/2018
 515.
 led pump, primed w/ fuel per
 actions and performed function.
 r.
 access panel.
 AP 3118643 IA 6-19-18

DATE
 19

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.)



Maintenance Entry

April 30, 2019 N713EG Piper PA-23-250 sn 27-7554151

I certify that the altimeters

Aspen EFD1000 P/N- 910-00001-001 S/N- 11042

United Instruments Pneumatic Altimeter P/N- 5035P-T42 S/N- 12345-35K

have been tested, inspected and found to comply with Appendix E, para. b of FAR 43. The altimeters
 were tested to a maximum of 20,000 feet.

I certify that the ATC transponder

Garmin GTX330 P/N- 011-004550-60 S/N- 84107246

has been tested inspected and found to comply with Appendix F of Far 43. The altitude reporting
 correspondence checks required have been performed to 20,000 feet. This aircraft meets criteria
 outlined in FAR, part 43 Appendix E, para. c. I certify that the static system pilot was tested and
 inspected and found to comply with Appendix E para. a of FAR43. The work described above has been
 inspected and found airworthy for return to service. Pertinent details of the repair are on file at this
 repair station under Work Order #011578.

[Signature]
 Signed for Carpenter Avionics, Inc. Repair Station RH4R492M

ns, Tests, Repairs and Alterations
 Name, Rating and Certificate Number of
 (See back pages for other specific entries.)

h by replacement of
 drive. Removed sealant
 low frame. Repaired
 ion. Cube Aircraft.
 ear, service hyd resiver
 SEAR system
 AP 3118643

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.)

AGC Aviation Services
 N: 713 EC Tach: 1387.6 HM: 3068.7
1386.7 HM
6/18/19

- 1) Aircraft inspected in accordance with FAR part 43 appendix (D)
- 2) ELT system inspected and tested IAW FAR 91.207 (d). Battery replacement due 12/1/22
- 3) See FAA Airworthiness Directive Compliance Record dated 6/18/19 or later for current status, next due date and time.

"I certify that this aircraft has been inspected in accordance with an Annual/100hr inspection and was determined to be in airworthy condition."


Z R M 6/18/19

AGC CRAFTERS
 Service Center
 Lynn R Mace AP 3118643 IA

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

1) quantity indicator and
 re-installed after
 res of backharen
 dated 11/07/2019

AP 3118643

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.)
19				
4-12-21	1393.8			<p>  N: <u>713EC</u> Tach: _____ HMMT: <u>1389.9</u> <u>3071.9</u> TTAFF <u>7/1/2020</u> </p> <p> 1) Aircraft inspected in accordance with FAR part 43 appendix (D) 2) ELT system inspected and tested IAW FAR 91.207 (d). Battery replacement due <u>12/1/2022</u> 3) See FAA Airworthiness Directive Compliance Record dated <u>7/1/20</u> or later for current status, next due date and time. </p> <p> "I certify that this aircraft has been inspected in accordance with an Annual 100hr inspection and was determined to be in airworthy condition." <u>R L Mace</u> <u>7/1/2020</u> </p> <p> Lynn R Mace AP 3118643 IA Installed new Concord RG24-20 battery James I. Evans / James I. Evans ATP 2210678 </p>

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.)
4-15-21	1394.1			Installed New Tempest Dry Air pump AA441CC-7 S/N OF5T03 on left engine. 2 h m AP 3118643

DA
26
19

2/

Star Avionics, Inc.
 108 Nowlin Lane, Hangar 21
 Chattanooga, TN 37421
 CRS # TA4R537M (423) 499-1100

Date: April 22, 2021 N713EC S/N: 27-7554151 Total Time: 1395.4

Performed 24-month altimeter inspection as required by FAR 91.411 on the pilots Baro Altimeter (P/N 5035P-T45 S/N 12345-35K) and the Pilot's Aspen PFD (P/N 910-00001-001 S/N 11042) IAW FAR Part 43 Appendix E, Para (b) to 20,000ft: Altimeter and PFD tests are within specifications. Performed operational check of the Pressure Static system IAW FAR 91.411 and leak inspection of the Pressure Static system IAW FAR Part 43 Appendix E, Para (a) to 2,000ft: System checked good and is within specification. Performed 24-month certification of the Garmin GTX 330 ES (P/N 011-00455-60 S/N 84107246) Mode A and C IAW FAR 91.413, correlation to the Pilot's Altimeter and Blind Encoder to 20,000 ft IAW FAR Part 43 Appendix E Para (c) and Mode S IAW FAR Part 43 Appendix E; system checked normal no faults noted.

I certify this aircraft has been inspected in accordance with the above inspections and has been determined to be in airworthy condition with respect to the work performed.

Details are on file at Star Avionics, Inc. under W.O. # 34492.

CRS# TA4R537M Jeffrey K. Miller

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.)

W Tempest Dry Air pump
 N OF5703 on left

AP 3118843

'1

'100

Total Time: 1395.4

pilots Baro Altimeter (P/N 5035P-145 S/N
 W/FAR Part 43 Appendix E, Para (b) to
 final check of the Pressure Static system
 R Part 43 Appendix E, Para (a) to 2,000ft;
 location of the Garmin GTX 330 ES (P/N
 to the Pilot's Altimeter and Blind Encoder
 Part 43 Appendix E; system checked

ions and has been determined to be in

RS# JA4RS37M Jeffrey K. Miller

DATE
 2021
 19

9/2

RECORDING
 TACH
 TIME

1419.2

TODAYS
 FLIGHT

TOTAL
 TIME IN
 SERVICE

310.1

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.)

Jack Aircraft, Remove inspection
 panels, cowls, for inspection. Grease,
 lube and service per PA 23-250
 5mm, service hydraulic reservoir, Tire
 air pressures. Re-install panels
 after inspection

Z h m AP 3118843

DATE 19 _____	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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N: 713EC Tach: 1419.2 HM/TT: 3101.1

9/1/2021

- 1) Aircraft inspected in accordance with FAR part 43 appendix (D)
- 2) ELT system inspected and tested IAW FAR 91.207 (d). Battery replacement due 12/1/2022
- 3) See FAA Airworthiness Directive Compliance Record dated 8/23/21 or later for current status, next due date and time.

"I certify that this aircraft has been inspected in accordance with an Annual 100hr inspection and was determined to be in airworthy condition."

Lynn R Mace 9/1/2021

Lynn R Mace AP 3118643 IA

CUBCRAFTERS
Service Center



ctions, Tests, Repairs and Alterations
 d with Name, Rating and Certificate Number of
 ility. (See back pages for other specific entries.)

192 HMTI: B101.1

part 43 appendix (D)
 1.207 (d). Battery replacement due

Record dated 8/23/21 or later for

dance with an Annual/100hr inspection and

9/1/2021



CRJ PARTS
 Service Center

DATE
 19

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.)

S & S AVIATION CO. CHEROKEE COUNTY AIRPORT 1351 BISHOP ROAD BALL GROUND, GEORGIA 30107
 LOG ID# 771 21-November-2021 WO# 3282
 N713EC S/N 27-7554151 PIPER PA-23-250

Pg 1 / 1

REPLACED NOSE TIRE TUBE WITH NEW MICHELIN 092-500-0 TUBE.

TIMMY L GARLAND 3479116 A&P

Star Avionics, Inc.

108 Nowlin Lane, Hangar 21
 Chattanooga, TN 37421

CRS # TA4R537M (423) 499-1100

N713EC S/N: 27-7554151

Date: February 28, 2022

Hobbs
~~Hubb~~ Time: 1445.0

Removed the Garmin GTN 750 P/N 011-2282-00 S/N 1ZA010145 from the instrument radio rack at P.S. 67.5
 weighing 9.30 lbs. Pulled and collard the Com1 and Nav1 circuit breakers. Installed placard "COM 1 and NAV 1
 INOP".

Details are on file at Star Avionics, Inc. under W.O. # 34592.

CRS# TA4R537M Jeffrey K. Miller

user/...
Statements in Block
user/installer before the aircraft

19
TACH
TIME

TODAYS
FLIGHTS

Star Avionics, Inc.
108 Nowlin Lane, Hangar 21
Chattanooga, TN 37421
CRS # TA4R537M (423) 499-1100

Alterations
Number of
specific entries.)


Date: April 20, 2022

N413EC Piper M/N PA23-250 S/N: 27-7554151 Hobbs: 1447.4

Replaced the Garmin GTN-750 P/N 011-02282-00 S/N 1ZA010145 into the aircraft after factory repair. Performed operational check – ops tested normal. All work performed IAW Garmin GTN-7xx IM P/N 190-01007-A3 Revision 15 dated 12/20.

This aircraft is approved for return to service with respect to the above work performed and with respect to Star Avionics, Inc WO # 34592.

Details are on file at Star Avionics, Inc. under W.O. # 34592.


Jeffrey K. Miller for CRS # TA4R537M

Iterations
Number of
specific entries.)

DATE

19

RECORDING
TACH
TIME

Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191
08/10/22 N713EC PA-23-250 S/N: 27-755-4151 H: 1454.4

Airframe Log
Removed and replaced both left and right main gear brake linings P/N 66-62.
Removed and replaced both left and right brake disc P/N 164-05700.

Marco Gonzalez
A&P 4519355
Marco Gonzalez

Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732 828-684-9191
08/10/22 N713EC PA-23-250 S/N: 27-755-4151 H: 1454.4

Airframe Log
Removed Left cowl flap for repair, repaired cowl flap reinstalled cowl
Flap performed ops check ops check good.

Marco Gonzalez
A&P 4519355
Marco Gonzalez

DATE 19 ____	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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AGL Aviation Services, LLP
 3550 Foothills Airport Rd
 Morganton NC 28655-7717
 828-391-8645

Make: Piper
 Model: PA-23-250 (Navy UO-1)
 Tail: N713EC
 S/N: 27-7554151

Hours: 1454.9

AD79-11-06 Gear Lever DUE 1519.2 ; AD80-18-10 Fuel Selector DUE 1519.2 ; AD 09-13-06 R1 Nose Door DUE 2156.0

Performed Annual Inspection as follows per FAR Appx D. Opened aircraft , removed access panels , visual inspection of all areas of the aircraft . Performed Gear retraction and emergency extension check. Removed LH&RH Halon Bottles & Squibs for overhauled , Placard system " INOP " on panel. Removed Oxygen bottle for hydrostatic / overhaul , Placard system " INOP " on panel. Replaced ELT battery. C/W AD 88-21-07 R1 Fuel Filler C/W Drain Inspection , Due 12 Calendars Months . C/W 91.207(D) ELT INSPECTION P/N E-04 S/N 004480 , Battery Due 07/08/2027 , No defects noted at this time. Performed engine run up , leak check, systems check and taxi check of all systems on the ground. No leaks or other defects noted at this time . The below statement in no way, implies or guarantees that this aircraft, or engine, or accessories will continue to function for any period of time after this inspection, and only states that this aircraft was inspected and certified to comply with all applicable Federal Aviation Administration Standards, Airworthy Directives and FAR 43 Appendix D. I certify that this has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. --- END ---

Signed: 
 Name: Wesley Zimmer

Cert: AP38144941A
 Date: 11/09/2022
WJ 12/22

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servic
- END

Signe
Name:

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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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.)

Carolina Avionics Group, LLC 3650 Airport Loop Road, Salisbury, NC 28147

16 - JUN -2023 N713EC Piper PA-23-250 S/N 27-7554151 Tach: ~~1235.1~~ W/O: 11285
 1455.1

The ATC Transponder(s) were tested and inspected per 91.413 IAW Part 43, Appx F.

Transponder #1 Garmin GTX 330ES S/N 84107246

Automatic altitude reporting system tested and inspected per 91.411 IAW Part 43, Appx E, Paragraph C to 20,000 FT.

I certify that the static system(s) & altimeter(s) were tested and inspected per 91.411 IAW Part 43, Appx E, paragraph A,B,D see correction card, found to comply with inspection requirements

Aspen EFD1000 : P/N 910-00001-001 S/N 11042

Altimeter P/N 5035P-T45 S/N 12345-35K

I Certify that this aircraft has been inspected in accordance with FAR 91.411 & 91.413 inspections and was determined to be in airworthy condition for the work performed.

NEXT DUE : 06/2025

---END---

QCCR-389K John Car 

