

N71MK

Book 5



The Standard

AIRCRAFT LOG

ASA-SA-1

Advance Aircraft Maintenance, Inc.

1605 Moffett Street, Salinas, CA 93905
(831) 422-2142 FAX (831) 422-3221
FAA Repair Station BL3R401L

N71MK S/N P210-0590 TACH 461.3 ACTT 4733.9 W/O 4147 9/1/01

AIRFRAME LOG ENTRY

1. Complied with an **ANNUAL INSPECTION** in accordance with the Cessna Model P210 Series Maintenance and Servicing Manual.
2. Complied with **A.D. 87-20-03R2** 100 hour / 12 month inspection of the seat tracks, pawls, and rollers. No defects were noted this inspection. Next compliance due in 100 hours or twelve months whichever occurs later.
3. Complied with all 100 hour / 12 month lubrication and servicing requirements in accordance with the Cessna Model P210 Series Maintenance and Servicing Manual.
4. Complied with 12 month inspection of the aircraft E.L.T. battery in accordance with the requirements of FAR 91.207(d). Replaced the eight "D" cell batteries in the E.L.T. with new. Next compliance due 9/2002.

AIRFRAME LOG ENTRY CONTINUED

N71MK S/N P210-0590 TACH 461.3 ACTT 4733.9 W/O 4147 9/1/01

Repair

YEAR:

DATE

5. Complied with 500 hour inspection of the alternator brushes. **Removed, disassembled, cleaned,** and inspected the alternator. Replaced the modular brush holder assembly P/N ES4201. Lubricated the end drive bearings and installed on aircraft.
6. Extracted and replaced smoking rivets from the engine cowl.
7. **Reglued** a button **onto the rear seat** which had come loose.
8. Extracted and replaced two stripped screws on the flux valve inspection panel.
9. Replaced the right hand landing light which was found to be inoperative.
10. Replaced inoperative instrument panel post lamps as required.
11. Repaired the copilot's rudder pedal cover which was found to be cracked and deformed.
12. Cleaned and glued the right hand wing leading edge deice boot at the bottom aft seam which was found to be debonding.
13. Replaced the induction air filter with new Brackett filter **P/N BA8705**. Cleaned the induction air box which was found to be excessively dirty.
14. Secured the Ram air inlet hose at the right wing leading edge as required.
15. Replaced the right hand dry air pump blast tube which was found to be torn.
16. Stop drilled a crack in the right hand dry air pump cooling shroud.
17. Replaced the fuel flow transducer which was found to be leaking. Installed new transducer **P/N 680501X-86.0 S/N 112759**. Operational check was satisfactory. No further leaking noted.

AIRFRAME LOG ENTRY CONTINUED

18. Repositioned the right hand cowl flap rod which was contacting the turbo drain line sleeve when in the closed position.
19. Replaced the landing gear actuator access cover gaskets which were found to be deteriorated.
20. Cleaned and treated corrosion found on the battery cable ends.
21. Rerouted and secured the heater hose which was rubbing against the pilot's aileron / rudder interconnect cable.
22. Repaired cracks in the vertical stabilizer deice boot.
23. Replaced the nose wheel tire due to cracks in the tread and sidewalls. Disassembled and inspected the nose tire and wheel assembly. Reassembled, installed new tire, and balanced.
24. Replaced the nose wheel bearings and races which were found to be acid etched.
25. Fabricated and installed the pilot's door armrest top clips which were broken.
26. Replaced a shim in the right hand brake which was found to be missing.
27. Replaced the left and right hand main wheel bearing grease rings which were found to be worn.
28. Replaced a missing screw in the crew door locking handle.
29. Repaired the forward engine baffle seal.
30. Troubleshooted the deice light which was inoperative. Inspection revealed an open circuit in the grounding wire. Repaired wiring. Operational check was satisfactory.

AIRFRAME LOG ENTRY CONTINUED

31. Troubleshooted reported pressure valve fluttering at altitude. Cleaned and inspected the outflow and safety valves.
32. Repositioned the throttle cable connection at the throttle body. The throttle cable was stiff due to not being connected properly at the throttle body.
33. Removed the elevator and aileron push pull tubes which were found to be rusted. Cleaned, treated rust, painted, and reinstalled.
34. Replaced the starter. Installed new starter P/N 646275-1 S/N R-100156. Operational check okay.
35. Repaired the left hand exhaust shroud which was found to have four missing rivets on the top between the #2 and #4 cylinders.
36. Replaced turbo controller air reference hoses which were deteriorated.
37. Repositioned the elevator trim cable stops due to the cables being twisted.
38. Removed the turbo oil check valve and elbow assembly. Installed new gasket. Resealed the check valve and replaced the turbo housing clamp.

END

I certify this AIRFRAME has been inspected and repaired in accordance with an ANNUAL INSPECTION and was determined to be in airworthy condition.

Pertinent details are on file with this agency under Work Order # 4147, dated 9/1/01.

Signed Bruce Patterson
FAA Approved Repair Station BL3R401L

AdvanceTech Aircraft Maintenance, Inc.

1605 Moffett Street, Salinas, CA 93905
(831) 422-2142 FAX (831) 422-3221
FAA Repair Station BL3R401L

N71MK S/N P210-0590 TACH 469.9 ACTT 4742.5 W/O 4162 10/1/01

AIRFRAME LOG ENTRY

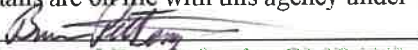
1. Troubleshoot the turbocharger and turbocharger control system. Removed the wastegate and tested on the bench. Reinstalled the wastegate using new hardware as required. Performed and in-flight evaluation of the turbocharger system in accordance with Cessna service instructions using required test equipment. Replaced the turbocharger controller with overhauled exchange unit P/N 470688-8 S/N BJ0109.
2. Serviced the air conditioning system with one pound of R-12 freon.
3. Replaced broken fuse holder and resistor at the battery box.

-----END-----

I certify this AIRFRAME has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details are on file with this agency under Work Order # 4162, dated 10/1/01.

Signed



FAA Approved Repair Station BL3R401L

Repair

YEAR:

DATE

AdvanceTech Aircraft Maintenance, Inc.

1605 Moffett Street, Salinas, CA 93905
(831) 422-2142 FAX (831) 422-3221
FAA Repair Station BL3R401L

N71MK S/N P210-0590 TACH 567.3 ACTT 4839.9 W/O 4305 8/21/02

AIRFRAME LOG ENTRY

1. Complied with a Cessna Model P210 Annual Inspection in accordance with Cessna P210 Series Maintenance and Servicing Manual.
2. Complied with A.D. 87-20-03R2 100 hour / 12 month inspection of the seat tracks, pawls, and rollers. No defects were noted this inspection. Next compliance due 8/2003 or 4939.9 ACTT whichever occurs first.
3. Complied with A.D. 02-07-01 in accordance with Cessna SEB00-10. A.D. was found to be not applicable as subject horizontal stabilizer attach bracket not installed. No further action required.
4. Complied with Cessna SEB02-2A one time inspection of the flammable fluid hoses and oxygen lines. No defects were noted this inspection. No further action required.

AIRFRAME LOG ENTRY CONTINUED

5. Complied with Cessna **SEB02-3A** by replacement of the right hand vacuum pump. Installed new pump **P/N AA442CW-8 S/N N10999**. Installed the removed vacuum pump into the left position. Current time since new on the left hand vacuum pump is 759.3 hours. The left hand vacuum pump will need to be replaced prior to signing off service bulletin as complete.
6. Complied with Cessna **SEB01-2AR1** initial inspection and rework of the left and right hand main landing gear actuators and actuator bodies. Removed and disassembled the left and right hand landing gear actuators. Cleaned the actuators and performed fluorescent penetrant inspections for cracks in accordance with service bulletin accomplishment instructions. Polished the edge of the actuator hole intersections in accordance with service bulletin instructions. Reassembled the actuators using new seals as required and reinstalled in aircraft. Replaced the left and right hand actuator covers which were found to be cracked. Performed landing gear retract cycles and rigged as required. Next compliance with inspection portion of the service bulletin due in 500 hours at 5339.9 ACTT.
7. Complied with all 100 hour / 12 month lubrication and servicing requirements in accordance with the Cessna Model P210 Maintenance and Servicing Manual.
8. Complied with 12 month inspection of the E.L.T. battery in accordance with the requirements of FAR 91.207(d). Replaced the eight "D" cell batteries in the E.L.T. Next inspection and battery replacement due 8/2003.

AIRFRAME LOG ENTRY CONTINUED

YEAR:

DATE

9. Complied with 12 month replacement of the instrument air filter. Installed new **P/N D9-18-1**.
10. Complied with 12 month replacement of the Brackett induction air filter. Installed new filter element **P/N BA-8705**.
11. Replaced the belly beacon lamp which was found to be inoperative. Installed new beacon lamp **P/N 040-0003**. Operational check was normal.
12. Replaced the third red light from the left on the eyebrow which was inoperative. Replaced inoperative lamps and remounted a loose socket on the overhead air conditioning panel.
13. Lubricated the throttle cable which was found to be stiff with the friction lock off.
14. Replaced a defective nut on the air conditioning belt tensioner bracket which was found to be loose. Adjusted the belt tension as required.
15. Repaired map holder. Installed stainless plate and fabric cover.
16. Troubleshoot the aircraft pneumatic deice boots which were not operating properly. Inspection revealed a defective deice valve and defective supply line to the horizontal stabilizer. Replaced the deice valve with new **P/N 2H48-22**. Partially removed the left hand horizontal stabilizer deice boot to gain access to the defective supply line. Replaced the line with new **P/N P610051**. Reattached the deice boot and edged as required. Operational check was normal.
17. Replaced the aircraft battery. Top charged and installed new Gill battery **P/N G-242 S/N G02026765**.

AIRFRAME LOG ENTRY CONTINUED

18. Troubleshoot limited maximum manifold pressure at altitudes 15,000 feet and above. Removed the turbocharger P/N 465680-4 S/N KFO218 and wastegate P/N 470908-20 S/N DE0134 and shipped to CRS # MAMR190K for inspection. Inspection of the turbocharger revealed a broken bolt in the turbine housing which was replaced. Inspection of the wastegate found it to require overhaul. Reinstalled turbocharger and overhauled wastegate. Operational check during flight test was normal.
19. Removed and treated corrosion found on the lower engine cowling right hand upper corner.
20. Installed placards on the left and right hand main fuel tank filler caps.
21. Repaired the metal plate on the aft baggage compartment door opener. Reglued the velcro on the baggage compartment panels and secured panels as required.
22. During removal of the landing gear actuators, it was necessary to remove air conditioning system lines. Evacuated the system. Removed and reinstalled lines. Serviced the air conditioning system with two pounds of R-12 freon.

-----END-----

I certify this **AIRFRAME** has been inspected and repaired in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition.
Pertinent details are on file with this agency under Work Order # 4305, dated 8/21/02.

Signed 
FAA Approved Repair Station BL3R401L

YEAR:

DATE

AdvanceTech Aircraft Maintenance, Inc.

1605 Moffett Street, Salinas, CA 93905
(831) 422-2142 FAX (831) 422-3221
FAA Repair Station BL3R401L

N71MK S/N P210-0590 TACH 655.5 ACTT 4928.1 W/O 4343 8/4/03

AIRFRAME LOG ENTRY

1. Complied with a Cessna Model P210 **Annual Inspection** in accordance with the Cessna Model P210 Maintenance and Servicing Manual. Complied with all 50 hour, 100 hour, 200 hour, and Special Inspection items as required.
2. Complied with **A.D. 87-20-03R2**, 100 hour / 12 month inspection of the seat tracks, pawls, and rollers in accordance with Cessna Mandatory **S.B. SE83-6**. Inspection of the seat tracks revealed the pilot's right hand seat track was worn beyond serviceable limits. Deriveted and removed old seat track. Fitted and riveted into place new seat track P/N 1210520-15.
3. Complied with all 100 hour / 12 month lubrication and servicing requirements in accordance with the Cessna Model P210 Maintenance and Servicing Manual.
4. Complied with 12 month replacement of the instrument air filter in accordance with Airborne Service Letter #59A. Installed new filter P/N D9-18-1.

AIRFRAME LOG ENTRY CONTINUED

5. Complied with 12 month replacement of the Brackett induction air filter. Installed new filter^{repair}
P/N BA8705.
6. Complied with 12 month inspection of the aircraft E.L.T. in accordance with the requirements of FAR910207(d). Replaced the eight "D" cell batteries in the E.L.T. Next inspection and battery replacement due 8/04.
7. Replaced the tail beacon lens. Installed new lens **P/N 111-0001.**
8. Replaced the coiled hose for the cockpit door inflatable door seal. Installed new Bob Fields Aerocessories 13 coil hose assembly.
9. Replaced the left and right main tires and tubes which were found to be worn beyond serviceable limits. Removed, disassembled, and inspected the tire and wheel assemblies. Reassembled, installed new tubes and tires, and balanced as required. Installed on aircraft. Deflated the nose tire and serviced with nitrogen as required.
10. Performed detailed inspection of the left and right hand brakes. Capped off lines to brake calipers and inspected brake master cylinders. No leaking noted. Inspection of brake linings found them to be in serviceable condition. Bled the brakes as required.
11. Replaced the left and right hand aileron push pull rod ends which were found to be worn beyond serviceable limits. Removed ailerons as required. Replaced rod ends, reinstalled ailerons, and rigged as required.

AIRFRAME LOG ENTRY CONTINUED

YEAR:

DATE

12. Troubleshoot excessive oil found in the induction system and turbocharger. Removed^{epa} turbocharger and shipped to Main Turbo Systems for evaluation. Reinstalled.
13. Installed spiral protective wrap on a pneumatic line at the left hand inboard wing leading edge which was found to be chafing.
14. Lubricated the spar web huck bolts on the right hand wing which were found to be corroding. Lubricated with corrosion inhibiting lubricant.
15. Replaced the pilot's and copilot's control yoke guide bearings which were found to be worn beyond serviceable limits.
16. Troubleshoot the nose landing gear aft gear doors which were found to have excessive play at the linkages. Replaced the left and right forward nose gear door rod ends which were worn beyond serviceable limits. Replaced a forward door bottom stud and eye bolts which were found to be worn. Replaced worn hardware as required.
17. Shimmed the pilot's inboard brake pedal which was found to be wobbling when depressed.

-----END-----

I certify this **AIRFRAME** has been inspected and repaired in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition. Pertinent details are on file with this agency under Work Order # **4343**, dated **8/4/03**.

Signed *Bruce H. H. H.*
FAA Approved Repair Station BL3R401L

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
* * * * *				
*LOGBOOK ENTRY FOR <u>CESSNA CENTURION P210 S/N 590</u>				
*REGISTRATION NO. <u>N71MK</u>				
*DATED <u>8-7-03</u> AIRCRAFT TOTAL TIME: <u>TACH 656.7</u>				
*THE STATIC PRESSURE SYSTEM AND ALTIMETER S/N <u>2228/1898</u> WERE				
*INSPECTED AND TESTED THIS DATE TO AN ALTITUDE OF <u>30,000</u>				
*FEET AND FOUND TO COMPLY WITH FAR 91.411. THE ATC TRANSPONDER				
*S/N <u>105771</u> WAS TESTED AND INSPECTED ON THIS DATE AND FOUND				
*TO COMPLY WITH FAR 91.413. THE AUTOMATIC ALTITUDE REPORTING				
*EQUIPMENT S/N <u>2228</u> WAS TESTED THIS DATE IN COMPLIANCE				
*WITH FAR 91.411.				
* <u>KEVIN SCHEIBEL</u> WO# <u>20324</u>				
* <u>FAA CRS DI3R450L</u> <u>MEGAHERTZ AVIONICS</u>				
* <u>RADIO CLASS 1,2,3</u> <u>1949 AIRPORT DRIVE</u>				
* <u>LIMITED INSTRUMENT</u> <u>BAKERSFIELD, CA 93308</u>				
* <u>WP/LOGBOOK.TXT</u> <u>(661) 393-1818</u>				
* * * * *				

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
* * * * *				
*LOGBOOK ENTRY FOR <u>Cessna P210</u>				
*REGISTRATION NO. <u>N71MK</u>				
*DATED <u>8-7-03</u> AIRCRAFT TOTAL TIME: <u>656.7 Hobbs</u>				
*THE STATIC PRESSURE SYSTEM AND ALTIMETER S/N <u>2228/1898</u> WERE				
*INSPECTED AND TESTED THIS DATE TO AN ALTITUDE OF <u>30,000</u>				
*FEET AND FOUND TO COMPLY WITH FAR 91.411. THE ATC TRANSPONDER				
*S/N <u>105771</u> WAS TESTED AND INSPECTED ON THIS DATE AND FOUND				
*TO COMPLY WITH FAR 91.413. THE AUTOMATIC ALTITUDE REPORTING				
*EQUIPMENT S/N <u>2228</u> WAS TESTED THIS DATE IN COMPLIANCE				
*WITH FAR 91.411.				
* <u>RICHARD KURTZ</u> WO# <u>20324</u>				
* <u>FAA CRS DI3R450L</u> <u>MEGAHERTZ AVIONICS</u>				
* <u>RADIO CLASS 1,2,3</u> <u>1949 AIRPORT DRIVE</u>				
* <u>LIMITED INSTRUMENT</u> <u>BAKERSFIELD, CA 93308</u>				
* <u>WP/LOGBOOK.TXT</u> <u>(805) 393-1818</u>				
* * * * *				

Advancetech Aircraft Maintenance, Inc.

1605 Moffett Street
Salinas Municipal Airport
Salinas, CA 93905
(831) 422-2142 FAX (831) 422-3221
FAA Repair Station BL3R401L

N71MK S/N P210-00590 TACH 745.8 ACTT 5018.4 W/O 4631 8/17/04

AIRFRAME LOG ENTRY

1. Complied with a Cessna Model P210 Annual Inspection in accordance with the Cessna Model P210 Maintenance and Servicing Manual. Complied with all 50 hour, 100 hour, and Special Inspection items as required.
2. Complied with **A.D. 87-20-03R2**, 12 month inspection of the seat tracks, pawls, and rollers in accordance with Cessna Mandatory **S.B. SE83-6**. No defects noted this inspection.
3. Checked **A.D. 04-10-15**, Garmin 330/330D transponders, for applicability. A.D. was found to be not applicable as subject transponders not installed. No further action required.
4. Complied with all 12 month / 100 hour lubrication and servicing requirements in accordance with the Cessna Model P210 Maintenance and Servicing Manual.

AIRFRAME LOG ENTRY CONTINUED

in or Repair

YEAR: N71MK S/N P210-00590 TACH 745.8 ACTT 5018.4 W/O 4631 8/17/04

DATE

5. Complied with 12 month inspection of the aircraft E.L.T. in accordance with the requirements of FAR 91.207(d). Replaced the eight "D" cell batteries with new. Next E.L.T. inspection and battery replacement due 8/2005.
6. Complied with 12 month replacement of the Brackett engine inlet air filter. Installed new filter **P/N BA8705**.
7. Complied with 12 month replacement of the instrument air filter. Installed new **P/N D9-18-1**.
8. Replaced the air conditioning drive belt which was cracked. Installed new belt **P/N 9385**.
9. Replaced the left and right hand main felt grease seals which were found to be broken.
10. Cleaned, treated, prepped, and painted the battery box bottom which was found to be corroded.
11. Troubleshoot the throttle cable which was sticking. Replaced the throttle cable with new cable **P/N 252-085-3**. Installed new control assembly cable **P/N S2544-2**. Operational check was normal.
12. Replaced the lower forward engine heat shield which was cracked at the attach points. Fabricated new shield from shop stock and installed.
13. Replaced the right hand cowl flap heim joint attach mount which was found to be torn. Installed new mount **P/N J14290-4**.
14. Installed back-up plates for the center ashtray due to screws not grabbing at the panel.
15. Installed helicoils on the left and right main wheel halves and installed wheel covers.

AIRFRAME LOG ENTRY CONTINUED

2864397 A+P
Certificate Number

s & Communications, Inc.

CRS HW4R427M

Mobile Downtown Airport

2495-A Michigan Avenue / Mobile, AL 36615

N# N71MK WO# 85035 Date 12/06/07

Altimeter #1 ARC p/n EA-801A s/n 2228 35,000 ft

Altimeter #2 UNITED p/n 5934PA-3 s/n 1898 35,000 ft

The listed altimeters have been tested and found to comply with FAR 43, App E.

The static system was tested as required by FAR 91.411 and found to comply with FAR 43, App E. The listed Transponders and transponder automatic altitude reporting system have been tested as required by FAR 91.411/413 and found to comply with FAR 43, App E & F.

Transponder #1 KT-76A p/n 066-1062-00 s/n 105771

Transponder #2 p/n s/n

Clyde Franklin

Technician / HW4R427M

Inspector / HW4R427M

YEAR:

RECORDING
TACH

TODAY'S
FLIGHT

TOTAL
TIME IN

Description of Inspections, Tests, Repairs and Alterations

Entries must be entered with Name, Date and Certificate Number

Aerostar  **World**

4 TOWER CIRCLE

DOTHAN, ALABAMA 36303

334-983-5600

AIRFRAME

S/O 08-1464

TACH: 1000.6

N71MK
03/18/2008

1. COMPLIED WITH ANNUAL INSPECTION I/A/W CESSNA MODEL P210 MAINTENANCE AND SERVICE MANUAL.
2. C/W AD 87-20-03 SEAT TRACKS BY VISUAL INSPECTION.
3. C/W AD 81-23-03 R2 ENGINE EXHAUST SYSTEM BY VISUAL INSPECTION.
4. INSPECTED ELT I/A/W 91.207 (D).
5. OPERATED LANDING GEAR THROUGH 5 FAULT FREE CYCLES.
6. REPAIR AIR COND. SYSTEM LEAK AND SERVICED WITH FREON TO SPECS.
7. RETURNED AIRCRAFT TO SERVICE.

END

NEXT PAGE
FOR SIGN OFF'S

DATE	TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
			<p>AEROSTAR WORLD P.O. BOX 9044 DOYAN, ALABAMA 36304-1044</p> <p>DONALD S. SMITH AP 568766804IA</p> <p>AF TT. 5273.2</p>
			<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>TOTAL TIME _____ DATE <u>3-18-2008</u></p> <p>NAME <u>Donald S. Smith</u></p>

Tail # N71MK Champion Flyers – Shelby Co. Airport (LEE T)

DATE: 06/23/2008 TACH: 1003.6 HOBBS: 3017.0 AFTT:

- Removed damaged TSIO550-P engine & loaded in owners truck. Ended engine log book.
- Fitted and installed Continental TSIO 550-AF, SN: 278653-R with 859.4 hours (Tach) since major factory overhaul using new fasteners and serviceable components.
- Oil cooler, 10634R, SN: 437 sent to CRS Pacific Oil Cooler Service, Remanufactured and installed on this airframe. *SEE ENGINE BOOK*
- McCauley D3A34C402, SN: 951162, sent to CRS South Coast Propeller Service, Inc., cleaned, flushed & resealed.
- Installed propeller from South Coast Propeller Service, Inc. using new fasteners.
- Adjust fuel flow to spec per Continental Service Instruction SID-97-3
- Adjust T.O. MAP to spec per Continental Service Instruction SID-97-3

I certify this AIRFRAME has been repaired in accordance with applicable FAA and/or manufacturers technical information and deemed airworthy at this time.

Kenneth D. Miller A&P 2733243

Kenneth D. Miller

YE

DA

N 71MK**Clarion****Avionics, LLC**

Total Time _____

an or Repair _____

CRS EUUR726D • 927 Flightline Drive • Suite 150 • Dothan, Alabama 36303 • 334-983-4143

REMOVED NORTHSTAR LORAN/GPS M2V SYSTEM.
INSTALLED GARMIN GPS-400W SYSTEM. PERTINENT
DETAILS ON FILE UNDER FAA FORM 337 DATED 9/26/08
AND WORK ORDER #8064.

NEW E.W. = 2723.35 lbs

NEW E.C.G. = 41.15 IN. AFT OF DATUM

NEW MOM. = 112068.78

ICA'S FOR GARMIN GPS-400W AND GA 35 ARE NOW A PART OF
THE AIRCRAFTS PERMANENT RECORDS. SEE ICA'S DATED 11-03-04
+ 8-27-07.

The aircraft, airframe or appliance identified below was repaired in accordance with current regulations of Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station.

Order No.

8064

Date

9/26/08

Signed


2562322

Constant Aviation
4243 East Lake Blvd
Birmingham, AL 35217
CRS# Y4MR806Y

N: N71MK
MD: P210N
S/N: P21000590

FHM: 1008.3
ACTT:
LND/CYC:

Replaced the "O" Ring seals in the nose wheel well strainer bowl. Leak check satisfactory.

This airframe, engine, propeller, or appliance identified herein was maintained and inspected in accordance with current F.A.A. Regulations and was found to be airworthy for return to service with respect to the work performed. Pertinent details of the work are on file at this agency under W/O # BHX-M17298

Signature

Date: 10/21/08

or Repair

YEAR: DATE	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.)
01-08-09	1009.2	3023H		Replace spring retainers P/N 9351048-20 N Left and right MLG DOWN LOCK ACTUATORS, REPLACE LEFT AND RIGHT MLG TIRES & TUBES w/ new CONCOR GOOD & SPY FIVE'S & LIC GRD TUBES, BALANCE, PACK BEARINGS, ACFT JACKED, RETRACTION TEST AND EMERG. EXTENSION CK'S PERFORMED SATISFACTORY, AIRCRAFT APPROVED FOR RETURN TO SERVICE Jimmy C. Smith AP 419829545
11-14-09	1011.4	3025H		Remove Voltage Reg. and Replace with new P/N R25400 S/N W05260 Zeffron's VR Op's Check & w/ Satisfactory, Aircraft Approved for return to service. Jimmy C. Smith AP 419829545

01/07/09, TACH 1014.5, PAION N71MK, S/N 21000579

REPLACE 2 ea P/N 9851048-2 SPRING MOUNTS L-RT
MLG DOWNLOCK ACTUATORS, JACK ACFT, PERFORM
RETRACTION AND EMER. EXTEN CHECKS, ALSO REPLACE
P/N 1217087-5 ROLLER BEARING NS GEAR DR, REPLACE
RT & LFT MLG TIRES & TUBES W/ NEW CONDOR 600X6X8
TIRES & TR-20 TUBES, GREASE BEARINGS, BALANCE
INSTALL W/ COTTER PINS, CORRECTLY INSTALL CABIN
PRESSURIZATION SW WIRING, RESET BRKR, OPS CK OK
RUN NEW FUEL FLOW TO TRANSDUCER, WIRE PIN 7
TO WHITE LEAD ON SHADIN FUEL MONITOR, OPS CK
O.K., REPLACE EMERGENCY GEAR DOWN Pump Handle
RED KNOB W/ SERVICABLE KNOB. INSTALL NEW
P/N 2852 cyl. HD TEMP PROBE # 3 cyl. OPS CK OK
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE
ON ABOVE LISTED ITEMS. Jimmy C Small AP419829545

YEAR: DATE	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.)
03/21/09	1021.3		3035.7	Perform a 100 HR INSPECTION USING CESSNA SERVICE MANUAL AS A GUIDE AND A CHECKLIST FOR INSPECTION
				① C/W FAR 91.207 per para (d) ELT REMOVED, INSPECTED, TESTED BAT/PACK DUE REPLACE 03/2012 OR AS NEEDED, REINSTALLED UNIT DETERMINED TO BE IN AN AIRWORTHY CONDITION —
				② AD NOTES CK'd THUR BI-WEEKLY 2009-06 date 16 MAR 2009
				③ REPLACE NS TIRE & TUBE W/NEW CONCOR 5X5X10PLY & LK GRD TUBE AND BALANCE ASSY. PACK WHEEL BEARINGS
				④ REPLACE 3 ea P/N DG 16165 STATIC WICKS
				⑤ REPLACE IND. AIR FILTER W/NEW BA 8705
				⑥ REPLACE VAC B3-5-1 CARTER FILTERS
				⑦ REPLACE AIR MANIFOLD BLOCK W/SERVICABLE UNIT

*continued →

YEAR: DATE	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.) *cont →
03/21/09	1021.3		3035.7	⑧. PERFORM FUEL SYSTEM CK'S USING CESSNA SID 97-3C AS GUIDE TO SET FUEL PARAMETERS
				⑨. MINOR REPAIRS ACCOMPLISHED ON BATTILING & CLAMP'S
				⑩. PROPERLY INSTALL ELEV. TRIM WHEEL & SET CHAIN TENSION
				⑪. ACCOMPLISH MINOR REPAIRS TO SEAT & INTERIOR TRIM.
				⑫. WASH AIRFRAME, INSTALL FLAP WEAR WASHERS P/N MCS 14503, 10-032 PER SB 99-3, OPS CK O.K.
				⑬. PERFORM GRD RUNS, ADJ FUEL IDLE MIXTURE AND IDLE SPEED USING S/M AS GUIDE, FULL PWR CHECKS & LK CHECKS PERFORMED SATISFACTORILY
				⑭. AIRCRAFT LUBRICATED AND SYSTEM CK'S PERFORMED SATISFACTORILY *cont next page over →

YEAR: DATE	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.)
03-21-09	1021.3		3035.7	THIS AIRCRAFT WAS INSPECTED IAW A-100 HOUR INSPECTION AND IS DETERMINED TO BE IN AN AIR- WORTHY CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE. <i>James C. Smith</i> A-1 P419829545 <div style="text-align: right;"> Date <u>03/21/2009</u> Total Time <u>3035.7</u> I certify that this <u>AIRFRAME</u> has been inspected in accordance with a <u>Annual</u> inspection and determined to be in an air-worthy condition. <u>A1 No. 1527518</u> <i>James C. Smith</i> </div>

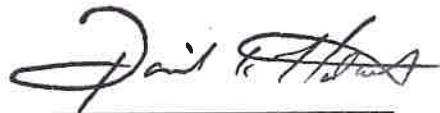
YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
04-02-09	1021.8			Remove LDG POWER PACK MOTOR ASSY P/N 9881128 AND INSTALL FACTORY SUPPLIED P/N 9881141-1RX S/N 961. ACFT JACKED, LDG CYCLED AND FOUND SATISFACTORY. DE-JACK ACFT Approved for return to service. <i>James C. Smith</i> A-1 P419829545

MAY 13, 2009 LOG BOOK ENTRY N 71MK TACK TIME: 1024.8 WORK ORDER 4316

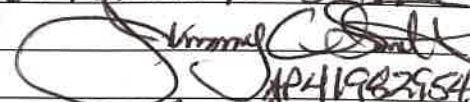
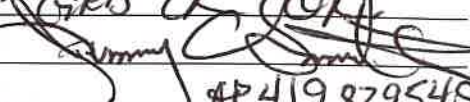
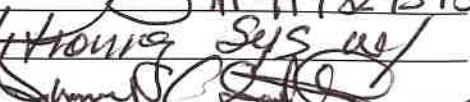
REMOVED:

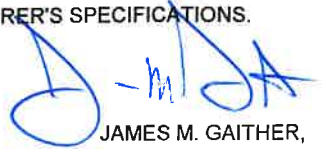
DEFECTIVE KI250 ALT IND P/N 066-3054-01, S/N 4376, KRA10A KING RADIO ALT RT, P/N 066-1061-03, S/N 11496 SENT FOR REPAIR TO ASI, AND REINSTALLED REPAIRED PARTS AND S-TEC ALTITUDE PRE SELECT P/N#0140, S/N#794C/C AND REPLACED WITH S-TEC P/N#01279-PX, S/N#0718-2536A/B, REPLACED A PAI 700 VERTICAL CARD COMPASS, INSTALL VERTICAL CARD COMPASS P/N#PAI-700, S/N#70634. ALL WORK DONE ON W/O#4316.

WEIGHT AND BALANCE CHANGE NEGLIGIBLE



David Heath
Heath Aviation

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.)
05/26/09	10259		3040.3	Remove ALT, & Replace w/ Kelly Aerospace overhauled ALT P/N E3FF10300AA S/N J030629 and Replace V.R. P/N R25400 S/N X05104. Ground Run Op's CK's OK. Approved for return to service.  AP419829545
06/22/09	10260			Reinstall S-Tec Computer and after Rework by STEC Repair. Op's GRS CK OK. Approved for Return to Service.  AP419829545
06/22/09	10260			Service Air Conditioning Sys w/ R-134A Op's CK OK.  AP419829545

YEAR: DATE	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.)
				<p>SOUTH COAST PROPELLER SERVICE, INC. 5750 DUROSE DRIVE, BESSEMER, AL 35022 205-426-7022 REPAIR STATION #S6PR302X</p> <p>GOVERNOR DISASSEMBLED, CLEANED AND INSPECTED. MAJOR OVERHAULED. MAGNAFLUXED PARTS AS REQUIRED, REASSEMBLED AND TESTED TO MANUFACTURER'S SPECIFICATIONS.</p> <p>WORK ORDER # SR-6162 MODEL # C290D4K/T2 SERIAL # 821947 DATE 08/24/09</p> <p style="text-align: right;">  JAMES M. GAITHER, GENERAL MANAGER. </p>

Reg.: N71MK
Make/Model: Cessna P210N
Serial No.: P21000590



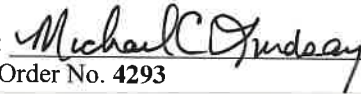
TCM CUSTOMER SUPPORT CENTER

Date: 10/06/2009
Tach Time: 1035.2
Total Time: 5307.8

TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Removed engine TSIO520AF3, S/N 245222-R and installed a Factory New, Zero Time Engine TSIO520P6, S/N 1000862. Completed a TCM "Top Care" inspection. Calibration checked CHT, oil temperature, MAP and tachometer. Installed a new oil temp and CHT probe. Transferred McCauley propeller model D3A34C402-C, S/N 951162, Kelly Aerospace alternator E3FF10300AAR, S/N J030629 and Garrett turbo charger P/N C295001-0202, S/N NER0109. Installed new turbo support brackets. McCauley prop governor model C290D4K/T2, S/N 821947 was overhauled by South Coast Propeller Services, Inc. FAA CRS S6PR302X. Installed vacuum pump model 442CW-8, left S/N 15864 and right S/N 15865 that were overhauled by Holly Aero, Inc. FAA CRS H7YR030Y. Installed wastegate P/N 470908-9020, S/N XRA0018 that was overhauled by Approved Turbo Components, Inc. FAA CRS U5AR184Y. Serviced, charged and installed a new Gill G242 battery, S/N G02461748. Replaced prop de-ice brushes. Cleaned and inspected exhaust system. Installed new Freon hoses to and from compressor. Serviced air conditioner. Installed new alternator and air conditioner compressor drive belts. Replaced hoses to and from fuel flow transducer. Repaired hydraulic leaks on the gear selector assembly. Installed a new cabin pressurization circuit breaker and dump valve solenoid. Installed an owner supplied GEM 610 indicator. Installed a new TIT probe. Completed ground operational checks and flight checks. -----END-----

Authorized Signature For Repair Station ID4R254M: 
Details of the work performed is on file under Work Order No. 4293

Reg.: N71MK
Make/Model: Cessna P210N
Serial No.: P21000590



TCM CUSTOMER SUPPORT CENTER

Date: 11/05/2009
Tach Time: 1039.3
Total Time: 5311.9

TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Installed a new throttle cable P/N 252-085-3 and rigged. Completed an operational check. -----END-----

Authorized Signature For Repair Station ID4R254M: Michael C Gindsey
Details of the work performed is on file under Work Order No. 4293.1

March 5, 2010

N71MK

Installed 03976 GPSS Module s/n 0719-9706E/A and 03975
GPSS Switch s/n 223. Aircraft weight and balance change
negligible.

AVIONICS UNLIMITED INC FAA CRS# VUERO10Y

Reg.: N71MK
Make/Model: Cessna P210N
Serial No.: P21000590



TCM CUSTOMER SUPPORT CENTER

Date: 04/21/2010
Tach Time: 1073.5
Total Time: 5346.1

TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M

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

Work Performed: Completed an **ANNUAL** inspection in accordance with Cessna P210N Maintenance Manual 100-Hour and Annual Inspection checklist. Inspected ELT in accordance with FAR Section 91.207(d). Installed new ELT batteries. Installed new copilots yoke guide rollers. Repaired loose connection at throttle gear warning switch. Installed new bushing and bolt in right forward nose gear door. Replaced right gear leg saddle pad and rigged down lock and down lock switch. Installed a new starter solenoid, shroud and diode. Applied Corrosion X treatment in both wings. Installed new vacuum filters. Installed roll servo P/N 0106-R9, S/N 9031A that was overhauled by Autopilots Central, Inc. FAA CRS CM2R747K. Complied with Cessna SEB09-6, Rev. 1 by installing new beacon switch and new taxi/landing light switch assembly. Complied with AD 87-20-03 R2 by inspection of seats and seat tracks. AD notes checked through ATP revision 2010-08. Completed ground operational checks. -----END-----

Authorized Signature For Repair Station ID4R254M: Michael C Gindsey
Details of the work performed is on file under Work Order No. 4511

Reg.: N71MK
Make/Model: Cessna P210N
Serial No.: P21000590



TCM CUSTOMER SUPPORT CENTER

Date: 08/17/2010
Tach Time: 1097.6
Total Time: 5370.2

TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. ID4R254M
The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition.

Work Performed: Adjusted aileron cable tensions and servo cable tension.. Adjusted rigging on the left and right aileron. Sealed left inboard upper wing fuel access panel. -----END-----

Authorized Signature For Repair Station ID4R254M: Michael C Gindsey
Details of the work performed is on file under Work Order No. 4657

Reg.: N71MK
Make/Model: Cessna P210N
Serial No.: P210000590



FACTORY SERVICE CENTER

Date: 05/18/2011
Tach Time: 1157.8
Total Time: 5430.4

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B
I certify that this airframe has been inspected in accordance with an **annual** inspection and determined to be in airworthy condition.

Work Performed: Completed an ANNUAL inspection in accordance with Cessna P210N Maintenance Manual 100-Hour and Annual Inspection checklist. Inspected ELT in accordance with FAR Section 91.207(d). Replaced bad transistor in the instrument light dimmer. Replaced post light bulbs as was needed. Repaired bad connection in the pitot heat circuit. Lubed speed brake gears. Installed new left and right horizontal stabilizer spar reinforcement fittings. Adjusted pilot's control column lower guide roller. Installed new elevator trim tab bushing. Adjusted elevator trim cable tension. Complied with Cessna Service Letter SE84-3 by installing the improved nose gear actuator spring guide assembly. Installed new left and right brake linings. Installed o-rings in right brake caliper and bled brake. Painted and installed a new vertical stabilizer cap. Cleared fuel flow gauge upper deck reference fitting. Installed an owner supplied left strobe flash tube. Installed new vacuum filters. Installed a new bulb in the right flood light. Serviced air conditioner with Freon. Cleaned connections on gear warning horn. Repositioned shims to center down lock hook. Complied with AD 87-20-03 R2 by inspection of seats and seat tracks. AD notes checked through ATP revision dated 5/12/2011. Completed ground operational checks. -----END-----

Authorized Signature For Repair Station 9CER853B: Michael C Gindsey
Details of the work performed is on file under Work Order No. 4748

YE

DA

Aircraft RegistrationModelSerial Number

N 71M/K
CESSNA PRION
P21040590

DateHobbs

09-13-2011
TT 1177.9

Removed faulty Turn Coordinator P/N 6405-28L S/N 10086E and installed
New Turn Coordinator P/N 1394T100-14RB S/N G11-10654.



Mack Bachelor
Owner/Operator