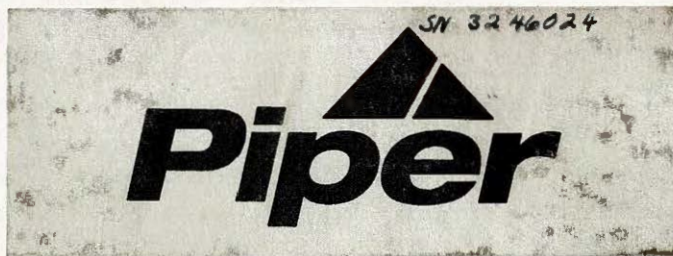


N117CS

# AIRCRAFT LOG



N117CS  
PA-32R-301  
3246024  
*Airframe Logbook*



Carmon Construction Inc  
136 E. Main Street; Albertville, AL  
35950

## AIRCRAFT LOG

THE NEW  
PIPER AIRCRAFT, INC.

General Offices at  
Vero Beach, Florida  
U.S.A.

N11MCS

Aircraft  
Registration number

Part No. 230715

ARTEX AIRCRAFT SUPPLIES, INC.  
10714 S. Township Rd. Canby, OR 97013  
(503) 266-8000 FAX (503) 266-8001

OWNER

NAME

ADDRESS

1 Carmon Construction Inc  
136 E Main Albertville, AL 35950

2

3

4

5

6

If this book is found, please return it to the owner.

## NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

PAINT TYPE: DUPONT IMRON

## AIRCRAFT DESCRIPTION

Registration No. N117CS

Model: PA-32R-301 Popular Name: SARATOGA II HP

Serial No.: 3246024 Type Certificate No.: A350

Colors: WHITE / MAROON @ <sup>95922</sup> <sup>143</sup> HARVEST GOLD / BLUE <sup>44129</sup> <sup>7165</sup>

Engine Manufacturer: LYCOMING Serial Numbers: Single L-25754-48A

Original Engine Model: IO-540-K165 Left \_\_\_\_\_

Right \_\_\_\_\_

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HK88A

Original Propeller Model: HC-I3VR-1RF Left \_\_\_\_\_

Right \_\_\_\_\_

## Blade Numbers

1996 MODEL

Left

Right

H84121

H84119

H84127



[illegible][illegible]

## COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Bulletin or Letter No.	Subject and Remarks	Time on Aircraft	Date of Compliance	Signature and Certificate No.
Lycoming SB 527B	Recall Piston Pins	142.7	11-30-96	Phy Helt 1A2044199
Lycoming SB 525A	Insp Fuel Pump	142.7	11-30-96	Phy Helt 1A2044199
SB 1005	INDUCTION DRAIN HOLE	TACH 379.1	11-20-97	Henry K. Smith AIP 2330277
SB 1009	AIR INTAKE ELBOW	TACH 379.1	11-20-97	Henry K. Smith AIP 2330277
SB 1022	Air Filter - N/A		10-5-98	Phy Helt 1A2044199

## COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

[illegible]



## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	6.9		
MAR 12 1996			I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED <u>MAR 12 1996</u> , I/A/W FAR 21.183(a) PER 21.273. <u>John S. Hambleton</u> FAA DOA SO-1 JOHN S. HAMBLETON	
			THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u>20,000</u> FT. ON(L) <u>7/1/95</u> , (R) <u>N/A</u> SIGNED <u>John S. Hambleton</u> DATE <u>MAR 12 1996</u> JOHN S. HAMBLETON	
			The ELT is installed per FAR 91.207. Battery replacement date <u>1198</u> <u>John S. Hambleton</u> D.O.A. No. SO-1 The New Piper Aircraft, Inc.	
Total To Carry Forward		6.9		

JOHN S. HAMBLETON

Registration No. N117CS

and Remarks	Signature	Certificate No.
<div> <p>The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F.</p> <p>ATC Transponder:</p> <p>1. Make <u>KING</u> Model <u>KT-71</u> S/N <u>2245</u></p> <p>2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u></p> <p>Details of this inspection are on file at this facility under S/N <u>3246024</u> Date <u>1/24/96</u></p> <p>Q.A. Inspector <u>John S. Hambleton</u> THE NEW PIPER AIRCRAFT, INC. VERO BEACH, FLORIDA</p> <p>JOHN S. HAMBLETON</p> <p>THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS DATE: <u>1/24/96</u> SIGNED <u>John S. Hambleton</u></p> <p>JOHN S. HAMBLETON</p> </div>		



# AIRCRAFT LOG

## ACCEPTED or SERVICEABLE FOR RETURN TO SERVICE

Southern Avionics & Communications, Inc.  
Mobile Downtown Airport • 2495-A Michigan Avenue  
Mobile, AL 36616 • RS HW4R427M

N- 117CS W.O. No. 56657 Date 3-15-96

Remarks: Installed Insight Inst.  
Model SF 2000 Strikefinder.  
Function Test Verified proper  
operation.

Tech G. Bycroft Cert No. \_\_\_\_\_  
Insp Thomas Green Cert No. 2275809  
Pilot/Tech \_\_\_\_\_ Cert No. \_\_\_\_\_

Maintenance

Registration No. N 117CS

and Remarks	Signature	Certificate No.
4-26-96 REPLACED KI256 FLIGHT COMMAND INDICATOR SN 20610 WITH NEW KI256 FLIGHT COMMAND INDICATOR SN 20806.	<i>J.M. McNeely</i>	STAR AVIONICS, INC. LOVELL FIELD CHATTANOOGA, TN 37421 FAA CERTIFIED REPAIR STATION # TA 4R537M
5/10/96, 44.6 Tach		
Checked and rerigged aileron control system to Maintenance Manual specifications. Safford and torques sealed all turnbuckles. Adjusted root end on right aileron to bring back in rig. Secured jam nuts on control rod. Readjusted rudder stop bolt in cockpit as per Maintenance Manual EMB. Richard A. Lewis		

Total To  
Carry Forward

APR 408154687



## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6-28-96	Brought Forward →	29.9	29.9	Ppin 50 hour inspection reservoir. Checked all landing gear struts etc.
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
Serviced battery, brakes and hydraulic lights. Serviced tire pressure. Adjusted valve.	<i>Phy Hall</i>	188P2044199
<p align="center"><b>ACCEPTED or SERVICEABLE FOR RETURN TO SERVICE</b></p> <p align="center">Southern Avionics &amp; Communications, Inc. Mobile Downtown Airport • 2495-A Michigan Avenue Mobile, AL 36616 • RS HW4R427M</p>		
<p>N- <u>N117CS</u> W.O. No. <u>57396</u> Date <u>8-5-96</u></p> <p>Remarks: <u>Removed defective Roll/servo</u> <u>PN 065-0051-08 SN 5413 + installed new</u> <u>Roll/servo PN 065-0051-08 SN 5534</u></p>		
<p>Tech <u>Thomson</u> Cert No. <u>Pending</u></p> <p>Insp <u>Thomson</u> Cert No. <u>2448667</u></p> <p>Pilot/Tech _____ Cert No. _____</p>		



## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9.30.96	Brought Forward →	129.4	129.4	Piper 50 hour inspection completed.
11.30.96		142.7	142.7	Complied with Lycoming 24-14077. Complied with of high pressure fuel pump.
1.24.97		164.9	164.9	Piper 50 hour inspection completed.
4-1-97		218.7	218.7	Serviced Tires, brakes and bulb. Replaced right AD 95-26-13 O.I. Coder
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
SB 527B Recall of Piston Pin pin	Pip Hull	AIP2044199
SB 525A and AD 96-23-03 Inspection	Pip Hull	AIP2044199
completed.	Pip Hull	AIP2044199
batting. Replaced compass light outboard fuel quantity transmitter hoses inspection ok, see again in		



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
Note ELT FAR 91.207 inspection ok battery due 1-98.				100 hrs and due replacement in 8 yrs / 1000 hrs. AD 96-10-3 Flap Handle N/A SN. overhaul or send for ok, due again in 100 hrs. See Octane N/A N#. AD
5-26-97			2662	Piper 50 hr. inspection
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
mant in 8 yrs / 1000 hrs. AD 96-10-3		
AD 91-14-22 Cramleshaft Gear due at		
stoppage. AD 93-2-5 Fuel Inlet Inspection		
Annual or at overhaul. AD 95-26-02		
84-26-02 Piv. Fuel Inlet N/A Type		
<p>DATE 7-1-97 I.T.</p> <p>I Certify that this aircraft engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Pertinent details of the repair are on file at the repair station under Work Order No. _____</p> <p>Signed <u>Pip Helt 112044199</u></p>		
completed. Serviced tire pressure. Pip Helt 112044199		

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-18-97	Brought Forward →	TACH 320.4		PIPER 50 HOUR INSPECTION BATTERY, + SERVICED HYD
11-20-97		TACH 379.1		PIPER 50 HOUR INSPECTION INDUCTION DRAIN HOLE C/W SB 1005 AND
8-21-98		TACH 479.4		PIPER 50 HOUR INSPECTION WITH 10 QT 15W50 AERO GRADE
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
COMPLETED - SERVICED TIRE PRESSURE, - SERVICED RESIVOR. Henry K. Smith ACP 2330277 - END.		
COMPLETED - SERVICED TIRES, BATTERY, HYD RESIVOR. SB 1009 - OKD OK @ THIS TIME. NO PART CHANGE.		
	Henry K. Smith ACP 2330277	
COMPLETED - CHANGED OIL & FILTER. SERVICED SERVICED TIRES, BATTERY & HYD RESIVOR.		
	Henry K. Smith	
	ACP 2330277	



Maintenance

Registration No. \_\_\_\_\_

Brought  
Forward →**Decatur-Athens Aero Services**

PRYOR FIELD AIRPORT

REPAIR STATION D75R275N

REQUIREMENTS OF FAR 23.1325, FAR 91.217, FAR 91.411, and FAR 91.413 have been accomplished as follows on A63583(a) Transponder Manufacturer KingModel KT71 Serial number 2245

Transponder certified IAW FAR 43 APPENDIX F.

(b) Altimeter Manufacturer UnitedModel SS4P-03 Serial Number 2K69

Altimeter certified to \_\_\_\_\_ feet IAW FAR 43 APPENDIX F

(c) Performed correspondence check to 20,000

(d) STATIC SYSTEM CERTIFIED AS PER FAR 23.1325.

SIGNED Phanie H. H. H.Total To  
Carry Forward



# ALTIMETER TEST RECORD

OWNER: CARMAN CONSTRUCTION W.O. # A03583  
 AIRCRAFT # 11768 A/C MAKE Piper A/C MODEL PA38P ALT P/N  
 ALTIMETER MAKE United MODEL 5434P03 SN 2K649

TEST POINT FEET	SCALE ERROR FEET	TOL. +/-	FRICTION FEET	TOL. +/-	BAROMETRIC SCALE ERROR +/- 25 FT TEST POINT FT. IDEAL ACTUAL IN. HG. MB IN. HG. MB FEET
1000	-15	±20	+++++		28.10 952 -1727 -1715 -1740
0	-15	±20	+++++		28.50 965 -1340 -1344 -1350
500	-10	±20	+++++		29.00 982 -863 -864 -875
1000	-10	±20	10	±70	29.50 999 -392 -391 -400
1500	-10	±25	+++++		29.92 1013 0 0 15
2000	-10	±30	10	±70	30.50 1033 531 535 510
2500	-20	±30	15	±70	30.90 1046 893 883 890
3000	-15	±35	+++++		30.99 10.50 974 986 965
3500	++++			±70	CASE LEAK 20 FPM @ 18K FT. (100 FT)
4000	-25	±40	+++++		BAROMETRIC PRESSURE : 30.11 : 30.11
4500	-30	±60	+++++		TEMP. COMP @ FIELD ELEV. ( 10 ) CELS.
5000	-35	±80	10	±80	HYSTERESIS 50% POINT 30 (15 FT.)
5500	-30	±90	+++++		HYSTERESIS 40% POINT 25 (75 FT.)
6000	-20	±100	+++++		AFTER EFFECT 580/580 FEET (30 FT.)
6500	++++			±90	TESTED WITH ENCODER ( Navco ARPSO )
7000	-15	±110	+++++		S/N 14538 TO 20,000 FEET.
7500	-15	±120	+++++		XPDR #1 KT71 S/N 1245
8000	-20	±130	25	±100	XPDR #2 S/N
8500		±140	+++++		STATIC SYSTEM YES ( X ) NO ( )
9000		±155		±120	I CERTIFY THIS ALTIMETER HAS
9500		±180		±140	BEEN TESTED TO ( 20 ) K FEET I/A/W
10000		±205		±160	FAR 43, APPENDIX E AND MEETS THE
10500		±230		±180	REQUIREMENTS OF THIS PART AND
11000		±255	+++++		FAR 91.411.
11500		±280		±220	DATE: 7/23/68

INSPECTOR  
 DECATUR ATHENS AERO SERVICES  
 HWY 31N PRYOR FIELD  
 DECATUR, AL 35601  
 REPAIR STATION # D75R275N  
 STANDARD CAL DATE SEP 30, 1998  
 STANDARD S/N 537193

Registration No. \_\_\_\_\_

Maintenance

and Remarks

Signature

Certificate No.



## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-12-98	Brought Forward →	HOBBS 451.6	HOBBS 451.6	Serviced battery, hydraulic paint wing walk. Tightened ELT Motor ELT110-4 SN 55920. Left lower instrument panel and drain door. Rotated wear. Piper SB1009 Air Dilever Hinge Rib inspection Oil Cooler Hose Inspection Fuel Lines Inspection etc,
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
<p>power supply and brakes. Touch-ups  right fuel tank fuel quantity sender.  removed for repair, placard installed  Adjusted and lubricated fuel drain  main tires on wheels to even  Intake Elbow Replaced. Piper SR 1011  ok, due again in 100 hrs. AD 95-26.13  ok, due again in 100 hrs. AD 93-02.05  due again in 100 hrs</p>	<p>I certify that this aircraft engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Pertinent details of the repair are on file at the repair station under Work Order No. <u>1A2044199</u></p> <p>Signed <u>P. J. [Signature]</u></p>	

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
4-3-98		423.2	HOBBS 457.6	Complied with SB 1015 ELT TRANSMITTED 7N 762
10-5-98		Tach	490.6	Repl SB1022 Air F. Filter
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
(Fuse For Ammeter) Installed new		
Model 110-4 SN 60361		
419782082 A.P.		
N/A Brackett Filter installed.	D. W.	ADP2044199



# AIRCRAFT LOG

## Aircraft Time

This Date

Total

Recorder  
Reading

Maintenance

Brought  
Forward →

12/14/98

Removed and Repaired P.tch Servo P/N-065-0050-09  
Serial # 4073. Installed and function tested -ok  
Details on file under work order # 62771

Signed Thom M. Green #2275809  
Southern Avionics & Comm, Inc.  
RS-HW 4R427M

Total To  
Carry Forward

Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate No.

UNITED STATES

2.

## FAA FORM 8130-3

## AIRWORTHINESS APPROVAL TAG

U.S. Department of Transportation Federal Aviation Administration

3. System Tracking Ref. No.

8-0618 (Rev. 1-87)

4. Organization:

SOUTHERN AVIONICS  
& COMMUNICATIONS, INC.2495-A Michigan Ave.  
Mobile Downtown Airport  
MOBILE, ALABAMA 36615

5. Work Order, Contract, or Invoice Number:

62771

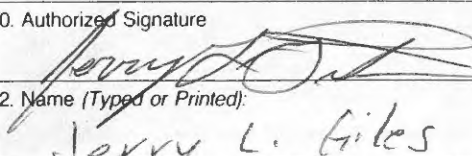
FAACRSHW4R427M

6. Item	7. Description	8. Part No.	9. Eligibility*	10. Qty.	11. Serial/Batch No.	12. Status/Work
1	King K $\phi$ -177 Pitch Servo	065-0050-09	Various	1	4073	<input checked="" type="checkbox"/> REPAIRED <input type="checkbox"/> OVERHAULED <input type="checkbox"/> FUNCTIONAL TEST ONLY
						<input type="checkbox"/> REPAIRED <input type="checkbox"/> OVERHAULED <input type="checkbox"/> FUNCTIONAL TESTED ONLY

13. Remarks

Unit repaired/tested to MFG's Specs. See W/O for details.

Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.

14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.	19. <input checked="" type="checkbox"/> Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.		
15. Signature	16. FAA Authorization No.	20. Authorized Signature 	21. Certificate Number: 2574474
17. Name (Typed or Printed)	18. Date:	22. Name (Typed or Printed): Jerry L. Giles	23. Date: 12-14-98



## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
12-29-98	TACH 502.5	410035 543.2		PIPER 50 HOUR INSP.
				AD 98-23-01 PIPER S/B 1026
				211 CC S/N 2AL542.
				ALTERNATOR.
2-9-99				Replaced both main
				Serviced wheel bearings.
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
Completed. Serviced TIRES, BATTERY, HYDRAULICS.		
VACUUM PUMP INSPECTION NA BY PUMP S/N		
REPLACED BROKEN WIRES AT FUSE LINK ON		
DATE 12-29-98 T.I. TACH 502.5		
I Certify that this aircraft/engine has been inspected in accordance with a 50 HOUR inspection and was determined to be in airworthy condition.		
Permanent details of the repair are on file at the repair station under Work Order No.		
Signed Henry K. Smith ADP 2330277		
Tires. Balanced wheel assemblies.		
	Dp/Hall ADP 20441991A	

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
4-1-99	TACH 543.8		Completed 100 Hr Inspection, Service Bearings, Lubed Flight Controls, IAW FAR 91.207 ✓ OK. SR 1011	
ELT BATTERY DUE MAY 00			Hoses OK due 100 hr, AD 93-02-05 AD 99-05-09 Pic F.14 NA Type	
			DATE 4-1-99 T.T. 543.8 I Certify that this aircraft/engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Pertinent details of the repair are on file at the repair station under Work Order No. <u>112044199</u>	
Total To Carry Forward			Signed <u>[Signature]</u> 112044199	

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
<p>Battery, Hydr Fuel Supply, BRAKE FLUID. LUBED wheel  MINOR REPAIRS TO INTERIOR TRIM PANELS. FLT INSP.  AIL. Hinge INSP OK Due 100 Hr, RS-26-13 OIL COOKER  FUEL INJECTORS &amp; LINES OK Due 100 Hr. - END -</p>		
<p>DATE <u>4-1-99</u> P.T. <u>543.8</u>  I Certify that this aircraft / engine has been inspected in accordance with a _____ Inspector  and was determined to be in airworthy condition.  Pertinent details of the repair are on file at the repair station  under Work Order No. _____  Signed <u>[Signature]</u> <u>44800R RJP</u></p>		



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
4-20-99	Brought Forward →		550.0	AD 99-4-4 Impulse Caplay and due replacement in
2/10/00	TRCH 642.4			Lubed FET controls, Serviced Replaced C/P side Bulkhead
4-3-00	TRCH 663.7			Piper 100 hr inspection, Lubed, Lubed All Wheel Bearings, Replaced Checked ML6 wheel Alignment. 95-26-13 oil cooler hoses.

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
Replaced, Due inspection in 250 hrs 2000 hrs.	<i>[Signature]</i>	1A2044199
Brakes, cleaned Cables on Battery + Serviced Plastic Cover. <i>[Signature]</i> 419702012 AIP		
Serviced Brakes, BATTERY + Hyd. Replaced nose tire Replaced ELT Antenna & Battery. Battery due MAY 2002. AD 93-02-05 Fuel INS. hoses ✓ OK. Due 100 hrs. ✓ OK. Due 100 Hr. FAR 91.207 & ELT Test & Inspection		



Carry Forward

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
		DATE 4-3-00 T.T. 663.7		
		I Certify that this aircraft engine has been inspected in accordance with a <u>100 hr.</u> inspection and was determined to be in airworthy condition. Pertinent details of the repair are on file at the repair station under Work Order No. <u>419 B2001 A.P.</u>		
		Signed <u>[Signature]</u>		
		DATE 4-3-00 T.T. 663.7		
		I Certify that this aircraft engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Pertinent details of the repair are on file at the repair station under Work Order No. <u>1192044199</u>		
		Signed <u>[Signature]</u>		
Total To Carry Forward				

Registration No. \_\_\_\_\_

Signature \_\_\_\_\_

Certificate No. \_\_\_\_\_

## Aircraft Log Entry

Reg. No.: N117CS Serial No.: 3246024 Date: 4/18/00

Perform Static System Test IAW FAR 91.411.

The Static system test and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43 paragraph A of appendix E. Details of this inspection are on file at this Certified Repair Station under shop order no. 10252 Date 4-18-00 Inspector [Signature] For \_\_\_\_\_

**Mercury Air Center**  
Jackson International Airport  
110 South Hangar Dr.  
Jackson, Ms 39208  
CRS M0QR197Y

**MERCURY AIR CENTER**

110 SOUTH HANGAR DRIVE

JACKSON, MISSISSIPPI 39208



## AIRCRAFT LOG

Aircraft Time

Recorder

Maintenance

## Aircraft Log Entry

Reg. No.: N117CS Serial No.: 3246024 Date: 4/18/00

Perform ATC Transponder System Test IAW FAR 91.413.

The ATC Transponder test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43 appendix F, and paragraph C of appendix E.

1. Make King Model KT 71 Serial no. 2245

2. Make N/A Model N/A Serial no. N/A

Details of this inspection are on file at this Certified Repair Station under shop order no. 10252  
Date 4-18-00 Inspector [Signature]  
For

MERCURY AIR CENTER

110 SOUTH HANGAR DRIVE

JACKSON, MISSISSIPPI 39208

Total  
Car.

Mercury Air Center  
Jackson International Airport  
110 South Hangar Dr.  
Jackson, Ms 39208  
CRS M0QR197Y

Registration No. \_\_\_\_\_

No.

## Aircraft Log Entry

Reg. No.: N117CS Serial No.: 3246024 Date: 4/18/00

Perform Altimeter Test and Inspection IAW FAR 91.411.

The Altimeter test and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43 and paragraph E of appendix E.

1. Make united Model 5934P-D3 Serial no. 2K699

2. Make N/A Model N/A Serial no. N/A

Details of this inspection are on file at this Certified Repair Station under shop order no. 10252

Date 4-18-00 Inspector [Signature]  
For

MERCURY AIR CENTER

110 SOUTH HANGAR DRIVE

JACKSON, MISSISSIPPI 39208

Mercury Air Center  
Jackson International Airport  
110 South Hangar Dr.  
Jackson, Ms 39208  
CRS M0QR197Y

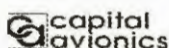
# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6/19/00	Brought Forward →	697.7		50th INSP. C/W Serviced Tire on R/W.
6/20/00		697.7		INSTALLED NEW GALL
10-2-00		752.8		Removed # 2 Nav Com. Rd. See 8130.3 for details.
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
BATTERY, BRAKES. REVERSED LT MAIN Flamm 419782082 A.P.		
G243 BATTERY, SN 601870585. Flamm 419782082 A.P.		
for repair, reinstalled after repair.	Pgt/HW ADP204499	





Aircraft Registration : N117CS

Aircraft Total Time: 0821.2(H)

Removed King KX-165 #1 NAV/COM and KLN-90B GPS Systems  
Installed Garmin GNS-430 COM/NAV/GPS System. System will be  
Approved for IFR/NPA operation pending VFR/IFR test flight. See  
FAA form 337 this date for details. Revised Weight & Balance and  
Equipment list.

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with  
current maintenance rules of the Federal Aviation Regulations and is  
approved for return to service. Pertinent details of the repair are on file at  
this repair station under Work Order Number: 23002 Date: 7DEC00

Signature WJ

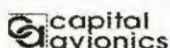
For

Capital Avionics, Inc. \* 3248 Capital Circle Southwest  
Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441  
FAA CRS NS4R399M

Aircraft Time

Recorder

AIRCRAFT LOG



Aircraft Registration : N117CS

Aircraft Total Time: 0821.2(H)

Removed, repaired and reinstalled King KI-525A HSI P/N 066-  
3046-07 S/N 83720. Ramp tests good.

#### MAINTENANCE RELEASE

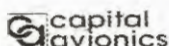
The aircraft identified above was repaired and inspected in accordance with  
current maintenance rules of the Federal Aviation Regulations and is  
approved for return to service. Pertinent details of the repair are on file at  
this repair station under Work Order Number: 23009 Date: 7DEC00

Signature WJ

For

Capital Avionics, Inc. \* 3248 Capital Circle Southwest  
Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441  
FAA CRS NS4R399M

Maintenance



Aircraft Registration : N117CS

Aircraft Total Time: 0821.2(H)

Trouble shot and repaired defective wiring found during GNS-430  
Installation. Replaced improperly crimped P/N 030-01107-00 card  
Edge pin on rear connector of King KT-71 Transponder. C/W tests per  
FAR 91.411(A), 3. Repaired broken wires to fuse holder under copilot's  
Instrument panel. C/W post-install checklist with satisfactory results.

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with  
current maintenance rules of the Federal Aviation Regulations and is  
approved for return to service. Pertinent details of the repair are on file at  
this repair station under Work Order Number: 23051 Date: 7DEC00

Signature WJ

For

Capital Avionics, Inc. \* 3248 Capital Circle Southwest  
Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441  
FAA CRS NS4R399M

Registration No.



Aircraft Registration : N117CS

Aircraft Total Time: 0821+ (H)

Performed VFR/IFR Test flight certification per forms B,C,& E  
Of FAA Tampa FSDO GPS Field Approval Policy dated 12AUG98.  
Submitted form 337 and flight test data to TPA FSDO this date.

Changed placard for NAV/COM portion of GNS-430 from "COM 1"  
To "NAV/COM1."

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with  
current maintenance rules of the Federal Aviation Regulations and is  
approved for return to service. Pertinent details of the repair are on file at  
this repair station under Work Order Number: 19DEC00 Date: 19DEC00

Signature WJ

For

Capital Avionics, Inc. \* 3248 Capital Circle Southwest  
Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441  
FAA CRS NS4R399M

C

No.



# AIRCRAFT LOG

N117CS  
Date: 19DEC00  
PA32R-301 S/N#3246024



TAC - 771.0  
ACTT - 771.0

Replaced both main tires, all brake linings, one nose wheel bearing & race, & both fuel cap gaskets.  
C/W FAR91.207(D), ELT insp. & test, OK. Next due-12/2001  
C/W SB1011 Aileron rib insp. OK.  
C/W SB1024 Control system spacer alignment OK.  
C/W AD95-26-13 Oil cooler hose insp. OK, next due-tach. 921.2

I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

Fred W. Davis  
Fred W. Davis

IA 266199518  
Certificate Number

Total To Carry Forward				

N117CS  
Date: 01/29/02  
PA-32R-301 S/N 3246024



TAC - 882.1  
ACTT - 882.1

Replaced RH main tire. Re-lamped pitot heat annunciator light. Replaced fire extinguisher with serviceable unit of same part number. (P/N RT-A600 S/N OFF P-15529 S/N ON P-11065). Replaced VRV filter. Relamped landing light. Replaced nose landing gear stop bumper.  
C/W AD93-02-05 by inspection of fuel injector lines, support brackets, and clamps. No defects noted. Next due: ACTT=982.1  
C/W AD95-26-13 by inspection of oil cooler hoses. No defects noted. Next due: ACTT=982.1  
C/W SB1041 by replacement of central instrument air filter. Next replacement due: ACTT=1382.1; 02/03; or on condition, whichever comes first.  
C/W SB1020 by inspection of Artex ELT and mounted bracket. No defect noted.  
C/W SB1048 by inspection and lubrication of stainless steel control cables.  
C/W SB1049 by installation of engine baffling brace.  
C/W SB1092 by inspection of engine mount. Cracked mount repaired by welding per Part 2 and installation of supplied bracket. Re-rigged switch. All welding performed by certified welder - see attached invoice and license.  
FAR91.207(d) by inspection and function test of ELT. No defects noted. Next due: 02/03 ELT battery expires: 05/02  
The following are not applicable to this aircraft: SB1011; SB1039; SB1081; AD2001-23-17.

END

I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

J. Lee McHugh  
J. Lee McHugh

IA 247661917  
Certificate Number

--	--	--



N117CS  
Date: 04-15-2002  
PA32R-301 S/N#32-46024



3256 Capital Circle SW Tallahassee, FL 32310 (850)576-3515  
Fred W. Davis, Director of Maintenance

TAC - 909.6

Changed oil and oil filter 12 quarts AeroShell 15W50 ; CH48110 . Cleaned engine. Leak check satisfactory.

R & R Left main tire & tube.

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

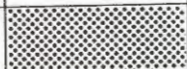
*Fred W. Davis*

Fred W. Davis

A&P266199518

Certificate Number

Total To  
Carry Forward



N117CS  
Date: 05-12-2002  
PA32R-301 S/N#3246024



3256 Capital Circle SW Tallahassee, FL 32310 (850)576-3515  
Fred W. Davis, Director of Maintenance

TAC 984.4  
ACTT--984.4

Replaced right horizontal stabilator trim tab assembly and one static wick.  
Paint new parts and balance stabilator per Piper M.M.

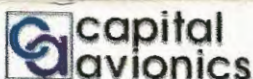
Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made

*Fred W. Davis*

Fred W. Davis

A&P266199518

Certificate Number



Aircraft Registration: N117CS Total Time: 1021.7(H)

Removed, repaired and reinstalled #2 NAV/COM King  
KX-165 P/N 069-1025-25 S/N 56570. Ground tests  
good.

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under:

Work Order Number: 25988

Date: 27NOV02

Signature [Signature]

For

Capital Avionics, Inc. • 3248 Capital Circle Southwest  
Tallahassee, FL 32310 • phone (850)575-4028 • fax (850)575-7441  
FAA CRS NS4R399M

Date

Aircraft Time

Recorder  
Reading

Maintenance

AIRCRAFT LOG

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make King Model KT-71 Serial No. 2245

Make — Model — Serial No. —

Pertinent details are on file at this agency under

W.O. # 26257 Date 05FEB03 Signed [Signature]

N117CS

1036.0 Hobs

Capital Avionics, Inc.  
Tallahassee, FL 32310  
Certificate NS4R399M

I certify that the static pressure system, each altimeter instrument, and each automatic pressure altitude reporting system test and inspections required by FAR 91.411 has been performed.

1. The static pressure system was tested on 05FEB03

2. The altimeter(s), instrument(s) was/were tested to 29,000  
ft on 05FEB03

3. The automatic pressure altitude reporting system was tested  
to 29,000 ft on 05FEB03

Pertinent details are on file at this agency under

W.O. # 26257 Date 05FEB03 Signed [Signature]

N117CS

1036.0 Hobs

Capital Avionics, Inc.  
Tallahassee, FL 32310  
Certificate NS4R399M

Registration No. \_\_\_\_\_

Certificate No.



N17CS

Date: 02/13/03

Piper PA-32R-301 S/N 3246024



3256 Capital Circle SW Tallahassee, FL 32310 (904)576-3515  
Fred W. Davis, Director of Maintenance

TAC 117CS-1035.0  
ACTT - 4085.8  
in use

Replaced VRV filter. Cleaned air conditioner return air filter. Serviced and charged battery.  
 ~C/W AD95-26-13 by replacement of oil cooler hoses with Type D hoses.  
 ~C/W AD2002-26-01 by inspection of fuel injector lines, clamps and support brackets. No defects noted. Next due: ACTT=1135.8  
 ~C/W SB1048 by inspecting and lubricating stainless steel control cables.  
 ~C/W FAR91.207(d) by inspecting and functionally testing ELT. No defects noted. Next due: 02/04 Replaced battery. Expires 03/05  
 ~~~~~END~~~~~

I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

Fred W. Davis

IA 255199518

Certificate Number

Total To  
Carry Forward

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
295-02-2004



Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 4/27/2004  
A/C TSN: 1036  
TACH: 1036

## Airframe Entries

C/W Annual inspection .... Serviced and charged battery.... Lubed engine and airframe controls.... Replaced VRV filter.... Replaced alternator out sensor p/n A-00258-2 and fuse.... Relamped LH wingtip trailing edge nav. light.... Replaced LH and RH aileron carry thru cables and rigged ailerons per MM.... Replaced trim cover on pilot's floor, p/n 66615-014.... Replaced fire extinguisher. 1211-1301 Halon fire extinguisher Model RT A600.... Replace ELT mount bracket and end cap screws.... Replace nose gear bumper stop.... C/W SB1048 by inspecting an lubricating stainless steel control cables. Next due: ACTT=1136... C/W SB1011 Inspection of aileron IB nose rib hinge attachment nut plates. No defect noted.... C/W AD95-26-13 at last inspection by replacing oil cooler hoses with type D hoses. 100 hour inspection and sign off action terminated. Hoses due replacement 02-2011 or ACTT2035.8 which ever comes first.... C/W FAR91.207(D), ELT inspection and test. Next inspection due: 04-2005. Battery replacement due: 03-2005.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 4/27/2004

SIGNED:

Fred Davis, IA: 266199518

Work Order: 295-02-2004

Printed by EBis 3 (datcomedia.com)



MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
1097-04-2005



**Flightline Group, Inc.**  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 5/9/2005  
A/C TSN: 1101.8  
TACH: 1101.8

#### Airframe Entries

C/W Annual inspection .... Serviced, charged, and tested battery..... Lubed engine and airframe controls.... Replaced VRV filter.... Removed left wing bladder fuel cell. Replaced rejected rivets as needed. Re-finished repaired areas and painted wing as needed.... Serviced NLG strut with nitrogen.... Replaced right main gear tire and tube.... Replaced defrost scat hose from heat exchanger to firewall.... Replaced NLG tire and tube and balanced.... Replaced left and right main gear brake caliper spacers.... Replaced vacuum pump: Tempest P/N AA3215CC S/N N29100.... C/W SB1048 by inspecting and lubricating stainless steel control cables; OK.... C/W SB 856 Inspection and treatment of Stabilator attach bracket attachment; OK.... C/W SB1011 Aileron nose rib inspection. Nutplates are installed. NO cracks located in areas of inspection. Next due: ACTT=1201.8... C/W FAR91.207(D),ELT inspection and test. No defects noted. Next inspection due: 5/06. Replaced battery pack. Battery replacement due: 4/06

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 5/9/2005

SIGNED:

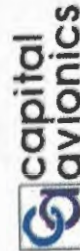
Lee McHugh JA: 2839207

Work Order: 1097-04-2005

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

Registration No. \_\_\_\_\_



**Aircraft Registration: N117CS Total Time: 1184.6(H)**

As minor alteration: Removed defective Narco AR-850 Encoder and installed Sandia SAE5-35. Performed tests per FAR 91.411(A), 2&3, see log entries this date for 24 mo. IFR recertification. No change in w & b.

**MAINTENANCE RELEASE**  
The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under:

Work Order Number: 29894

Date: 26MAY05

Signature

For

Capital Avionics, Inc. 3248 Capital Circle Southwest  
Tallahassee, FL 32310 phone (850)575-4028 fax (850)575-7441  
FAA CRS NS4R399M

I certify that the static pressure system, each altimeter instrument, and each automatic pressure altitude reporting system test and inspections required by FAR 91.411 has been performed.

1. The static pressure system was tested on 26MAY05
2. The altimeter(s), instrument(s) was/were tested to 20000 ft on 23MAY05
3. The automatic pressure altitude reporting system was tested to 20000 ft. on 26MAY05

Pertinent details are on file at this agency under

W.O. # 29894

Date 26MAY

Signed NR

N117CS

1184.6(H)

Capital Avionics, Inc.  
Tallahassee, FL 32310  
Certificate NS4R399M



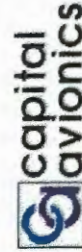
The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make KING Model KT-71 Serial No. 2245

Make --- Model --- Serial No. ---

Pertinent details are on file at this agency under

W.O. # 29894 Date 26 MAR 2005 Signed [Signature]  
N117CS  
(H) 1184.6  
Capital Avionics, Inc.  
Tallahassee, FL 32310  
Certificate NS4R399M



Aircraft Registration: N117CS Total Time: 1233.2(H)

Removed King KC-192 Autopilot Computer P/N 065-0042-03 S/N 53823 for repair. Capped static line and secured aircraft for flight.

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under:

Work Order Number: 31199

Date: 13JAN06

Signature

For

[Signature]  
Capital Avionics, Inc. || 3248 Capital Circle Southwest  
Tallahassee, FL 32310 || phone (850)575-4028 || fax (850)575-7441  
FAA CRS NS4R399M

## AIRCRAFT LOG

Recorder

nance

MAKE Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
2023-06-2006



Flightline Group, Inc.  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 7/1/2006  
A/C TSN: 1166.8  
TACH: 1166.8

### Airframe Entries

C/W Annual inspection .... Lubed engine and airframe controls.... Serviced, charged, and tested battery.... Replaced VRV filter.... Repaired broken alternator field wire.... Replaced L/H exhaust muffler assembly p/n K26345-008.... Replaced nose wheel bearing and race.... Replaced LH aileron static wick p/n SW10-96.... Installed fuel quantity placards as needed.... Replaced L/H MLG tire.... Replaced all brake linings.... Resealed RH brake caliper. Flushed and bled brake system.... C/W Piper SB 1161 Wing rib assembly modification both wings by installing L/H kit 767-397 and R/H kit 767-398 IAW Piper bulletin and kit instructions...No further repetitive inspections required.... C/W Piper SB 1048 Stainless Steel Control Cables inspection and lube; OK.... C/W FAR91.207 (D),ELT inspection and test. No defects noted. Next inspection due: June 2007 Replaced ELT battery p/n 452-0130 Battery replacement due: July 2008

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 7/1/2006

SIGNED:

[Signature]

Work Order: 2023-06-2006

Fred Davis, IA: 2832998

Printed by EBis 3 (datcomedia.com)



## AIRCRAFT LOG

[illegible]

## Registration No. \_\_\_\_\_

| and Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Signature | Certificate No. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|
| Aircraft Registration:N117CS Total Time: 1249.7<br>Removed Bendix/King KC-192 Autopilot Computer<br>p/n 065-0042-03 s/n 53823 and installed p/n 065-0042-<br>15 s/n 1457. Ground tested with satisfactory results.<br><br><b>MAINTENANCE RELEASE</b><br>The aircraft identified above was repaired and inspected in accordance<br>with current maintenance rules of the Federal Aviation Regulations and<br>is approved for return to service. Pertinent details of the repair are on<br>file at this repair station under:<br><br>Work Order Number: 31972      Date: 09 MAY 06<br><br>Signature _____ For _____<br>Capital Avionics, Inc. □ 324B Capital Circle Southwest<br>Tallahassee, FL 32310 □ phone (850)575-4028 □ fax (850)575-7441<br>FAA CRS NS4R399M |           |                 |



MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
2889-08-2007



**Flightline Group, Inc.**  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 8/17/2007  
A/C TSN: 1220  
TACH: 1220

### Airframe Entries

C/W Annual inspection .... Service, test, and charge aircraft battery. battery.... Lubed engine and airframe controls.... Replaced VRV filter.... Replaced brake reservoir P/N 68464-000.... Replaced both brake disc's and all brake linings.... Removed and replaced static wick on R/H wing flap.... Replaced both MLG wheel axle spacers P/N 63484-000.... C/W Piper SB1011 inspection of aileron inbd hinge nose rib nutplates. No defects found. Next due @ ACTT 1300.0... C/W FAR91.207(D) ELT inspection and test. No defects noted. Next inspection due: 8/2008. Battery replacement due: 7/2008

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 8/17/2007

SIGNED:

*Fred Davis*

Work Order: 2889-08-2007

Fred Davis, IA: 2832998

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

Registration No. \_\_\_\_\_

### and Remarks

I certify that the static pressure system, each altimeter instrument, and each automatic pressure altitude reporting system test and inspections required by FAR 91.411 has been performed.

The static pressure system was tested on 8 SEP 08

The Altimeter(s), instrument(s) was/were tested to 20 000 ft. on 8 SEP 08

The automatic pressure altitude reporting system was tested to 20 000 ft. on 8 SEP 08

Pertinent details are on file at this agency under

WO# 5482 Date 8 SEP 08

Signed

*[Signature]*

N117CS

1362.9 Hrs

Capital Avionics, Inc  
Jacksonville, FL 32218  
Certificate NS4D399M

Signature

Certificate No.

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make King Model KT-71

Serial No. 2245

Make — Model —

Serial No. —

Pertinent details are one file at this agency under

W.O.# 5482 Date 8 SEP 08

Signed

*[Signature]*

Capital Avionics, Inc  
Jacksonville, FL 32218  
Certificate NS4D399M

N117CS

1362.9 Hrs



MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
3733-09-2008



**Flightline Group, Inc.**  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 9/18/2008  
A/C TSN: 1269  
TACH: 1269

#### Airframe Entries

C/W Annual inspection .... Serviced battery.... Lubed engine and airframe controls.... Replaced VRV filter.... C/W SB1011 by inspection of aileron inboard hinge nose rib nutplates. No defects noted.... C/W SB1048 Inspection and lubrication of stainless steel control cables.... C/W FAR91.207(D) ELT inspection and test. No defects noted. Next inspection due: Sep.2009. Replaced battery... expires Nov 2010.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 9/18/2008

SIGNED: *Fred Davis*

Work Order: 3733-09-2008

Fred Davis, IA: 2832998

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
4016-01-2009



**Flightline Group, Inc.**  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 2/20/2009  
A/C TSN: 1373.4  
TACH: 1373.4

#### Airframe Entries

R & R R/H wing fuel drain(P/N 491-806).... R & R R/M tire & tube. Service per. POH.

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

DATE: 2/20/2009

SIGNED: *Ricardo Davis*

Work Order: 4016-01-2009

Ricardo Davis, A&P: 2835807

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
4457-09-2009



**Flightline Group, Inc.**  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 10/13/09  
A/C TSN: 1299.8  
TACH: 1299.8

#### Airframe Entries

C/W Annual inspection .... Serviced battery.... Lubed engine and airframe controls.... Replaced VRV filter.... Removed elevator trim indicator, repaired, re-installed and rigged. Ground check satisfactory.... Replaced NLG fwd down spring, p/n 487-483.... C/W SB1011 by inspection of aileron inboard hinge nose rib nutplates. No defects noted at this time. Next due: ACTT=1399.8... C/W SB1048 Inspection and lubrication of stainless steel control cables.... C/W Piper SB 1197A control wheel shaft inspection. No defects found.... C/W FAR91.207(D) ELT inspection and test. No defects noted. Next inspection due: Oct. 2010 Battery replacement due: Nov 2010.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 10/13/09

SIGNED: *Fred Davis*

Work Order: 4457-09-2009

Fred Davis, IA: 2832998

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-540-K1G5  
ENGINE S/N: L-25754-48A  
REG. NO: 117CS  
WORK ORDER:  
4767-03-2010

#### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 7/7/2010  
A/C TSN: 1305.8  
ENG TT: 1305.8  
TACH: 1305.8

ENG.TSMOH-O-

#### Log Entries

R & R engine for Zephyr Engines Over-haul... Replace lord mounts and bolts, firewall forward fluid lines, and alternator drive belt. Cleaned, ran, and adjusted engine to Lycoming spec's. Ops. ck. good. No leaks.... R & R Propeller for Sunstate Overhaul.... R & R propeller governor for Sunstate O/H.... R & R cooler(s) for Re-certification

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

DATE: 7/7/2010

SIGNED: *Fred Davis*

Work Order: 4767-03-2010

Fred Davis, A&P: 2832998

Printed by EBis 3 (datcomedia.com)



Work Order Number: 5634

Date: 20 OCT 2009

Total To  
Carry Forward

The Aircraft identified above was repaired and inspected in accordance with current n is approved for return to service. Pertinent details of the repair are on file at the repair

MAINTENANCE

## Maintenance

Parts : Removed P/N: 2000-021-009, Strike Finder SF2000 Display Cond: AS R  
2000-021-009, Strike Finder SF2000 Display Cond: MODIFIED S/N: 4497; Remove  
Sensor Cond: AS REMOVED S/N: 4683; Installed P/N: 2000-022, Strike Finder SF2

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3248024  
REG. NO: 117CS  
WORK ORDER:  
5166-11-2010



**Flightline Group, Inc.**  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 11/22/10  
A/C TSN: 1313.5  
TACH: 1313.5

No.

## Airframe Entries

C/W Annual inspection ....Serviced battery....Lubed engine and airframe controls....Replaced RH aileron aft rod end PN 452-336....Replaced both nose gear trunion bolts PN AN7-42 & bushings PN 67026-011. Replaced drag brace to strut attach bolt P/N 400-192. Retraction check required....C/W Piper SB 1216 Aileron rib inspection. No defects found. Next due: ACTT 1413.5...C/W FAR91.207(D) ELT inspection and test. No defects noted. Replaced battery. Next inspection due: Nov.2012 Battery replacement due: Jan. 2013

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 11/22/10

SIGNED:

Lee McHugh, ID: 2839207

Work Order: 5166-11-2010

Printed by EBis 3 (datcomedia.com)

Avionics, Inc. (AS)

FAA CRS NS4R399M  
3701 Hartfield Road  
Tallahassee, FL 32303

Tel: 850-575-4028 Fax: 850-575-7441



info@capitalavionics.com  
www.capitalavionics.com

# Log Book Entry

|                         |                                 |             |                     |            |             |
|-------------------------|---------------------------------|-------------|---------------------|------------|-------------|
| Date : Nov-17-2010      | Maintenance Work Order No: 5809 |             |                     |            | Page 1 of 1 |
| Tail/Reg No : N117CS    | HSN : 0.00                      | RINS : 0.00 | Total Landings 0.00 | TESN: 0.00 | ARLN: 0.00  |
| Airframe S/N : 32-46024 |                                 |             |                     |            |             |

- Card #: 001
- Card Description : Preliminary/hidden damage inspection
- Discrepancy : Preliminary/hidden damage inspection
- Corrective Action : No defects noted.
- Card signed off by : Joseph Volker 11/23/2010 06:58:36
- Card #: 002
- Card Description : C/W FAR 91.411/413
- Discrepancy : C/W FAR 91.411/413
- Corrective Action : Certified aircraft to 20,000ft IAW FAR 91.411 and 91.413. United Pilot's altimeter p/n 5934PD-3 s/n 2K849. Sandia SAE5-35 Encoder p/n 305154-00 s/n 4766. Bendix/King KT-71 Transponder p/n 066-01141-5101 s/n 2245. Aircraft hobbs time: 1411.3.
- Card signed off by : Joseph Volker 11/23/2010 06:59:10

## MAINTENANCE RELEASE

The Aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at the repair station under:

Work Order Number: 5809

Date: 23 Nov 2010

Signed

Inspector name

FAA APPROVED REPAIR STATION #NS4R399M

Copyright (c) PENTAGON 2000 Software, Inc.

Total To  
Carry Forward

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
5654-07-2011



Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 8/3/11  
A/C TSN: 1337.3  
TACH: 1337.3

No.

## Airframe Entries

Analyzed gear unsafe warning light with gear retracted problem. Determined that hydraulic pressure switch was deactivating pump at a pressure below specs. Replaced pressure switch, p/n 587-847 (211C243-12) s/n off: T19756 s/n on: L025702. Operational and leak check satisfactory.

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

DATE: 8/3/11

SIGNED:

Lee McHugh, A&P: 2839207

Work Order: 5654-07-2011

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
5761-09-2011



Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 9/29/2011  
A/C TSN: 1360.4  
TACH: 1360.4

## Airframe Entries

Resealed NLG actuator Ref.MM32-30-00. Ops & leak checks good.

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

DATE: 9/29/2011

SIGNED:

Scott Koenig, A&P: 2839208

Work Order: 5761-09-2011

Printed by EBis 3 (datcomedia.com)



MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
5555-06-2011



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 1/13/12  
A/C TSN: 1384.7  
TACH: 1384.7

#### Airframe Entries

C/W Annual inspection ....Serviced battery....Lubed engine and airframe controls....Replaced VRV filter PN B3-5-1....Replaced RH main tire 600X6-8 FC & tube 600X6....Replaced both bearings PN 08125 and races PN 08231 in NLG wheel....C/W AD 2010-15-10 (Inspection of pilot and copilot control wheel column universal joints.) by records and determined that SB 1197A was PCW 10/13/09 @ ACTT=1299.8 No further action required at this time....C/W FAR91.207(D) ELT inspection and test. Repaired damaged/chafed wires. ELT tests good. Next inspection due: 12/2012. Battery replacement due: 1/2013

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 1/13/12

SIGNED:

Work Order: 5555-06-2011

Fred Davis, IA: 2832996

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
6106-03-2012



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 3/14/2012  
A/C TSN: 1391.7  
TACH: 1391.7

#### Airframe Entries

R&R the Bendix/King KS-179 Trim Servo p/n 065-00052-0017 s/n on: U20200, s/n off: 20029. Autopilot ground tested with satisfactory results. REF King installation manual p/n 006-0267-00.

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

DATE: 3/14/2012

SIGNED:

Work Order: 6106-03-2012

Fred Davis, A&P: 2832996

1 of 1

Printed by EBis 3 (datcomedia.com)

Registration No. \_\_\_\_\_

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
6513-10-2012



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 10/25/12  
A/C TSN: 1471  
TACH: 1471

No.

#### Airframe Entries

Removed and replaced tach cable. P/N: 486-594. Engine ran, ops check good.

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

DATE: 10/25/12

SIGNED:

Work Order: 6513-10-2012

James Brown, A&P: 2847216

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
6581-11-2012



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 11/29/12  
A/C TSN: 1485.2  
TACH: 1485.2

#### Airframe Entries

R & R the nose line tube p/n 092-308-0 REF MM 32-40-00.

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

DATE: 11/29/12

SIGNED:

Work Order: 6581-11-2012

Joe Volker, A&P: 3656523

Printed by EBis 3 (datcomedia.com)

ACR ELECTRONICS, Inc.  
Artex Products - CAGE Code 60253  
Fort Lauderdale, FL 33312

LOG BOOK ENTRY N117CS  
E.L.T. BATTERY  
REPLACEMENT DATE March/2015

# AIRCRAFT LOG

<sup>1763</sup> **TEMPEST**

## Air Filter Change Reminder

Installed at: 1495.7 (Tach) Hrs. Change at: 1995.7 Hrs.

2-6-13 Date

 Aero Accessories, Inc.



**Capital Avionics, Inc.**  
3701 Hartsfield Rd., Tallahassee, FL 32303  
FAA CRS NS4R399M EASA 145.4290

I certify that the static pressure system, each altimeter instrument, and each automatic pressure altitude reporting system test and inspection required by FAR 91.411 has been performed.

1. The static pressure system was tested on 11 FEB 13.
2. The altimeter(s), instrument(s) was/were tested to 20,000 feet on 11 FEB 13.
3. The automatic pressure altitude reporting system was tested to 20,000 feet on 11 FEB 13.

Pertinent details are on file at this agency under

W.O. 6017 Date 11 FEB 13 Signed Artyle

(01/2013) FMI FORM 2

Total To  
Carry Forward



**Capital Avionics, Inc.**  
3701 Hartsfield Rd., Tallahassee, FL 32303  
FAA CRS NS4R399M EASA 145.4290

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

KING KT-71 066-01141-5101 2245  
Make Model Serial #

N/A N/A N/A  
Make Model Serial #

Pertinent details are on file at this agency under

6017 11 FEB 13 Artyle  
W.O. Date Signed  
(01/2013) FMI FORM 3



# AIRCRAFT LOG

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
6629-01-2013



## Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-578-3515

DATE: 2/15/13  
A/C TSN: 1495.7  
TACH: 1495.7

### Airframe Entries

C/W Annual inspection .... Serviced battery.... Lubed engine and airframe controls.... Replaced VRV filter.... Installed clamp, p/n QS200M88S on heater muff.... Replaced nose baggage door annunciator light switch and rigged.... Removed, resealed and reinstalled parking brake valve.... Replaced the defective DME antenna. Removed p/n 071-1174-00 s/n 4394 and installed p/n CI-105 s/n 60002. DME tests good. Ref.: King install manual p/n 006-00144-0007.... Replaced L/H aileron skin and C/W Piper SB1216 Aileron Rib Inspection by replacement of nose rib assembly p/n 86398-008 on L/H aileron only. Replacement of the nose rib assembly terminates the repetitive inspection requirements for the left aileron only. Painted aileron, checked static balance, and adjusted aileron rigging. Ref.: Piper MM. Test flight satisfactory.... Replaced the defective transponder antenna. Removed p/n 071-1174-00 s/n 2095 and installed p/n CI-105 s/n 59914. Transponder tests good IAW FAR 91.413.... Replaced all brake linings p/n 066-06200.... Installed new Central Instrument air filter p/n AAD9-18-1. Next Due ACTT=1995.7... C/W Piper SB1216 Aileron Rib Inspection of right aileron by performing fluorescent penetrant inspection, no defects noted. Next due: ACTT=1595.7... C/W Piper SB1245A 15-year Stabilator Control System Inspection; no defects noted at this time.... C/W SB1197C Control Wheel Shaft Inspection by records review and determined that SB1197A was PCW 10/13/2009 @ ACTT=1299.8. No further action required.... C/W FAR91.207(D) ELT inspection and test. No defects noted. Next inspection due: Feb/2014. Battery replacement due: March/2015

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 2/15/13

SIGNED:

Fred Davis, IA: 2832998

Work Order: 6629-01-2013

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

an

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER: A0113



## Flightline Repair Station

Repair Station No. 5FVR692B  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850.702.5455

DATE: 11/11/2013  
A/C TSN: 1562.1  
TACH: 1575.9

### Avionics Entries

R&R the #2 Bendix/King KX-165 Nav/Comm p/n 069-1025-25 s/n on: 46326, s/n off: 56570. Unit ground tests good REF MM 34-00-00.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, found to be in an airworthy condition and is approved for return to service. Details are on file at this facility under the Work Order number.

DATE: 11/11/2013

SIGNED:

Joe Volker  
Certified Repair Station No. 5FVR692B

Work Order: A0113

Printed by EBis 3 (datcomedia.com)



MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
7304-01-2014



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 3/17/2014  
A/C TSN: 1593.3  
TACH: 1593.3

### Airframe Entries

C/W Annual inspection ..... Replaced Pilot and Co-pilot seat gas springs with part no. 587-404. Ops. check good..... Serviced battery..... Lubed engine and airframe controls..... Replaced VRV filter(s)..... Replaced LH aileron aft rod end with part no. 452-335..... Replaced RH aileron static wick with part no. SW10-96..... C/W AD 2013-02-13 (15-year Stabilator Control System Inspection) by records review and found SB 1245A to have been previously complied with on 02/15/2013 @ ACTT=1495.7. No further action required..... C/W FAR91.207(D) ELT inspection and test. No defects noted. Next inspection due: 03/2015. Battery replacement due: 03/2015.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 3/17/2014

SIGNED: *Fred Davis*

Fred Davis, IA: 2832998

Work Order: 7304-01-2014

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
7761-10-2014



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 10/21/2014  
A/C TSN: 1646.6  
TACH: 1646.6

### Airframe Entries

Installed new aircraft battery P/N: G-243, ops check good.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 10/21/2014

SIGNED: *Stephanie Nita*

Stephanie Nita, A&P 3236348

Work Order: 7761-10-2014

Printed by EBis 3 (datcomedia.com)

Carry forward

Registration No.

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER: A0205



### Flightline Repair Station

Repair Station No. 5FVR692B  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850.702.5455

DATE: 4/6/2015  
A/C TSN: 1679.9  
TACH: 1679.9

### Avionics Entries

Certified aircraft to 20,000ft IAW CFR 91.411, 91.413, and 43 appendix E & F. All tests check good. United Altimeter p/n 5934PD-3 s/n 2K849. Sandia SAE-35 Encoder p/n 305154-00 s/n 4766. King KT-71 Transponder p/n 066-01141-5101 s/n 2245.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, found to be in an airworthy condition and is approved for return to service. Details are on file at this facility under the Work Order number.

DATE: 4/6/2015

SIGNED: *Joe Volker*

Joe Volker  
Certified Repair Station No. 5FVR692B

Work Order: A0205

Printed by EBis 3 (datcomedia.com)

### Flightline Group, Inc.

3256 Capital Circle SW Tallahassee, FL 32310 CRS# 5FVR692B

Date 4/3/2015 Work Order # A0205

Altimeter p/n 5934PD-3 s/n 2K849

### Altimeter Correction Card

| Altitude (ft)            | Altimeter | Altitude (ft) | Altimeter |
|--------------------------|-----------|---------------|-----------|
| -1000                    | -1000     | 12,000        | 11955     |
| 0                        | 0         | 14,000        | 13970     |
| 500                      | 500       | 16,000        | 15980     |
| 1,000                    | 990       | 18,000        | 17995     |
| 1,500                    | 1510      | 20,000        | 20000     |
| 2,000                    | 1995      | 22,000        | 2114      |
| 3,000                    | 2995      | 25,000        |           |
| 4,000                    | 3985      | 30,000        |           |
| 6,000                    | 5980      | 35,000        |           |
| 8,000                    | 7965      | 40,000        |           |
| 10,000                   | 9960      | 45,000        |           |
| FLT209 REV ir 06/05/2013 |           | 50,000        |           |



MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
7971-02-2015



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 4/21/2015  
A/C TSN: 1679.9  
TACH: 1679.9

ce

#### Airframe Entries

C/W Annual inspection ....Serviced battery....Lubed engine and airframe controls....Replaced VRV filter....Replaced L/H brake shim....Repaired top cowling air scoops and painted to match. Ref. AC 43.13-1B....Removed corrosion, treated, primed and painted affected areas on the stabilator. Ref. AC 43.13-1B....CW Piper AD2013-02-13 and SB1245A 15-year Stabilator Control System inspection and found to have been previously complied with on 02/15/2013 @ ACTT1495.7; no defects noted. Next due: ACTT 3495.0 or 02/2020, WCF....C/W Piper SB 1048 Lubrication of stainless steel cables with a film of Aeroshell 33....Piper SB 1023 Inspection of Landing Gear Cylinders, DNA: no affected units installed....C/W SB1198 Fuel Selector O-ring by records review and found that fuel selector valve has never been serviced. No further action required....C/W Piper SB 1134 by visual inspection and found to have previously complied with. No further action required....C/W Piper SB1216 Aileron Rib Inspection (RH aileron only); no defects noted. Next due: ACTT=1779.9 (RH aileron only)....C/W Piper SB1242, no defects noted. Next due: ACTT=1780.0....C/W FAR91.207(D) ELT inspection and test. No defects noted. Next inspection due: Battery replacement due: 5/2017....C/W Special Inspection... 12 Month Lubricate Hartzell propeller....C/W Special inspection of flap selector lever cable attachment for signs of fraying. No defects noted....C/W 500 hour servicing of Stabilator Trim drum screw....C/W Vacuum pump vane wear inspection. Vane wear still in servicable limits....C/W Special Inspection...Each 7 Years or 2000 operating hours time-in-service, whichever occurs first, inspect Wing Aft Attach Fitting Inspection. No defects noted. Next due: 04/2022 or ACTT=2179.9, WCF.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 4/21/2015

SIGNED: *Lee McHugh*

Lee McHugh, IA: 2839207

Work Order: 7971-02-2015

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
7971-02-2015



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 4/21/2015  
A/C TSN: 1679.9  
TACH: 1679.9

No.

#### Airframe Entries

C/W Annual inspection ....Serviced battery....Lubed engine and airframe controls....Replaced VRV filter....Replaced L/H brake shim....Repaired top cowling air scoops and painted to match. Ref. AC 43.13-1B....Removed corrosion, treated, primed and painted affected areas on the stabilator. Ref. AC 43.13-1B....CW Piper AD2013-02-13 and SB1245A 15-year Stabilator Control System inspection and found to have been previously complied with on 02/15/2013 @ ACTT1495.7; no defects noted. Next due: ACTT 3495.0 or 02/2020, WCF....C/W Piper SB 1048 Lubrication of stainless steel cables with a film of Aeroshell 33....Piper SB 1023 Inspection of Landing Gear Cylinders, DNA: no affected units installed....C/W SB1198 Fuel Selector O-ring by records review and found that fuel selector valve has never been serviced. No further action required....C/W Piper SB 1134 by visual inspection and found to have previously complied with. No further action required....C/W Piper SB1216 Aileron Rib Inspection (RH aileron only); no defects noted. Next due: ACTT=1779.9....C/W Piper SB1242, no defects noted. Next due: ACTT=1780.0....C/W FAR91.207(D) ELT inspection and test. No defects noted. Replaced battery. Next inspection due: 04/2016. Battery replacement due: 5/2017....C/W Special Inspection... 12 Month Lubricate Hartzell propeller....C/W Special inspection of flap selector lever cable attachment for signs of fraying. No defects noted....C/W 500 hour servicing of Stabilator Trim drum screw....C/W Vacuum pump vane wear inspection. Vane wear still in servicable limits....C/W Special Inspection...Each 7 Years or 2000 operating hours time-in-service, whichever occurs first, inspect Wing Aft Attach Fitting Inspection. No defects noted. Next due: 04/2022 or ACTT=3179.9, WCF.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 4/21/2015

SIGNED: *Lee McHugh*

Lee McHugh, IA: 2839207

Work Order: 7971-02-2015

Printed by EBis 3 (datcomedia.com)



# AIRCRAFT LOG

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER: A0207

## Flightline Repair Station

Repair Station No. 5FVR692B  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850.702.5455

DATE: 4/30/2015  
A/C TSN: 1680.3  
TACH: 1680.3

## Airframe Entries

Performed WAAS upgrade of the existing GNS430 p/n 011-00280-00 s/n 96309042. Unit converted by Garmin to p/n 011-01060-45 s/n 96309042. Removed GPS antenna p/n 011-00134-00 s/n 59051136, installed new GPS antenna p/n 013-00235-00 s/n 115234. Updated weight and balance. See FAA form 337 completed 30 April 2015 for details. Post installation tests check good IAW Garmin STC installation manual 190-00357-06.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, found to be in an airworthy condition and is approved for return to service. Details are on file at this facility under the Work Order number.

DATE: 4/30/2015 SIGNED: *[Signature]* Work Order: A0207

Joe Volker  
Certified Repair Station No. 5FVR692B

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
8460-11-2015



## Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 11/18/2015  
A/C TSN: 1713.6  
TACH: 1713.6

## Airframe Entries

Installed new noise filter P/N:460-594, for electric boost pump. Ops check good.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 11/18/2015 SIGNED: *[Signature]* Work Order: 8460-11-2015

Stephanie Nita, A&P: 3236348

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
8598-01-2016



## Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 1/27/2016  
A/C TSN: 1730.4  
TACH: 1730.4

## Airframe Entries

R & R the Turn Coordinator p/n 1394T100-7Z s/n on: H15-11646, s/n off: 9511-257. Unit tests good REF MM 34-00-00.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 1/27/2016 SIGNED: *[Signature]* Work Order: 8598-01-2016

Joe Volker, A&P: 3656523

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
8754-04-2016



## Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 4/27/2016  
A/C TSN: 1774.3  
TACH: 1774.3

## Airframe Entries

Found the glideslope output of the GNS430W were always centered. Cleaned the GNS connections and reracked the unit. #1 Glideslope ground tests good REF Garmin manual 190-00356-08.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 4/27/2016 SIGNED: *[Signature]* Work Order: 8754-04-2016

Joe Volker, A&P: 3656523

Printed by EBis 3 (datcomedia.com)



MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
8594-01-2016



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 5/18/2016  
A/C TSN: 1774.3  
TACH: 1774.3

### Airframe Entries

C/W Annual inspection....Lubed engine and airframe controls per MM Chpt.12....Inspected and replaced L/H and R/H MLG actuator attach clevis pins at spar....Replaced RH flap push rod aft rod-end and bolt....Replaced L/H flap static wick....Replaced left and right brake disc and linings....Removed nose gear actuator, resealed, reinstalled, serviced hydraulic reservoir and performed multiple gear retractions and emergency extensions. Ops check good, no leaks....Replaced both MLG tires and tubes....C/W Piper SB 1286A and Lycoming SB 621B Diaphragm Type Fuel Pump inspection, DNA per P/N and location of ##....C/W Piper SB 1242 Rudder Pedal Assembly Inspection, Part II, (R100 hrs)....C/W Piper SB 1216B Aileron Rib Inspection (RH Only) next due: ACTT=1874.3....C/W Piper SL 1135 Control Cable /Pulley Inspection, no defects noted....C/W FAR91.207(D),ELT inspection and test, next due: 05/2017, battery Expires: 05/2017....Removed, inspected, serviced, and charged the main aircraft battery....C/W Special Inspection (10 years) Inspect the interior of the wing flap for evidence of dissimilar metal corrosion where aluminum sheet metal is in contact with steel flap brackets. None detected at this time.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 5/18/2016

SIGNED:

Work Order: 8594-01-2016

Fred Davis, IA: 2832998

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
8939-08-2016



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 8/24/2016  
A/C TSN: 1791.3  
TACH: 1791.3

### Airframe Entries

Removed and replaced alternate air cable assembly and rigged. Ops check good.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 8/24/2016

SIGNED:

Work Order: 8939-08-2016

James Brown, A&P: 2847216

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
9162-12-2016



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 1/12/2017  
A/C TSN: 1855.9  
TACH: 1855.9

### Airframe Entries

Removed the Garmin GNS430W p/n 011-01060-45 s/n 96309042 and sent to Garmin for repair. Reinstalled the repaired unit and performed the OBS calibration and unit configuration. Unit ground tests good REF Garmin installation manual p/n 190-00356-08.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 1/12/2017

SIGNED:

Work Order: 9162-12-2016

Joe Volker, A&P: 3656523

Printed by EBis 3 (datcomedia.com)

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

|                                                                                         |                       |                          |    |           |                    |                                                        |  |
|-----------------------------------------------------------------------------------------|-----------------------|--------------------------|----|-----------|--------------------|--------------------------------------------------------|--|
| 1. Approving Civil Aviation Authority/Country:<br>FAA/UNITED STATES                     |                       |                          |    |           |                    | 3. Form Tracking Number:<br><br>RMA 92184359           |  |
| 4. Organization Name and Address:<br>GARMIN International 1200 E 151st Olathe, KS 66061 |                       | Certificate No. G6XR582Y |    |           |                    | 5. Work Order/Contract/Invoice Number:<br>RMA 92184359 |  |
| 6. Item:                                                                                | 7. Description:       | 8. Part Number:          | 9. | Quantity: | 10. Serial Number: | 11. Status/Work:                                       |  |
| 1.                                                                                      | GNS430W,28V,131k Upgd | 011-01060-45             |    | 1         | 96309042           | REPAIRED                                               |  |

12. REMARKS: Unit meets operational performance specifications. Confirmed all applicable hardware modifications are installed. Updated software to the latest version. Aligned unit for optimum performance. Master cleared unit. Unit passes all tests and is operating within normal limits. Unit acquired satellites. OK to return to Service.

The Main and GPS Softwares are at the latest revision. This unit complies with these Service Bulletins 1317, 1606. It is the responsibility of the Installer to verify that the installation complies with the previous listed Service Bulletins. The following Mod's were installed into this unit under its previous configuration prior to it being upgraded and configuration changed to part number 011-01060-45. This unit complies with MOD 1 per Garmin's Service Bulletin No. 9905 and the Federal Aviation Administration Airworthiness Directive AD 2001-23-17.

The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev- AQ, Revision Date 12/12/2016.

Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view Garmin's web site at [www.garmin.com](http://www.garmin.com) for any update or product information.

13a. Certifies the items identified above were manufactured in conformity to:

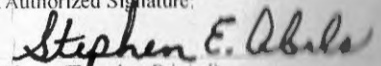
- ☐ Approved design data and are in condition for safe operation
- ☐ Non-approved design data specified in block 12

N / A

14a. ☒ 14 CFR 43.9 Return to Service

☐ Other regulations specified in Block 12

Certifies that unless otherwise specified in block 13, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

|                                           |                                               |                                                                                                                     |                                            |
|-------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 13b. Authorized Signature<br><br>N / A    | 13c. Approval/Authorization No.:<br><br>N / A | 14b. Authorized Signature:<br> | 14c. Approval/Certificate No.:<br>G6XR582Y |
| 13d. Name (Typed or Printed)<br><br>N / A | 13e. Date (dd/mm/yyyy)<br><br>N / A           | 14d. Name (Typed or Printed)<br>Stephen E. Abels                                                                    | 14e. Date (dd/mm/yyyy)<br>29 Dec 2016      |

## User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the Airworthiness Authority of the country specified in block 1.

Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
9162-12-2016



## Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 2/15/2017  
A/C TSN: 1864.2  
TACH: 1864.2

## Airframe Entries

Removed the Garmin GNS430W p/n 011-01060-45 s/n 96309042 and sent to Garmin for repair. Reinstalled the repaired unit, problem persists. R & R the GNS-430W s/n on: 96307794, s/n off: 96309042 and performed the OBS calibration and unit configuration. Unit ground tests good REF Garmin installation manual p/n 190-00356-08.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 2/15/2017

SIGNED:

Work Order: 9162-12-2016

Joe Volker, A&amp;P 3656523

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER: A0309



## Flightline Repair Station

Repair Station No. 5FVR692B  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850.702.5455

DATE: 2/15/2017  
A/C TSN: 1864.2  
TACH: 1864.2

No. \_\_\_\_\_

## Avionics Entries

Installed an ADS-B In/Out compliant transponder. Removed the existing Bendix/King KT-71 Transponder and installed a new Garmin GTX-345 Transponder. Removed the Bendix/King KT-71 transponder p/n 066-01141-5101 s/n 2245 wt. 4.2 lbs f.s. 62.00. Installed the new Garmin GTX-345 p/n 011-03302-00 s/n 3EG004521 wt. 3.1 lbs f.s. 62.00. Utilized the existing mounting locations for the transponder. Utilized the existing 5 Amp circuit breaker tied to the avionics buss. Updated the aircraft equipment list and the aircraft weight and balance. The current electrical load analysis remains valid since the new unit draws the 0.5A less current than the original unit. Garmin GTX-345 Flight Manual Supplement p/n 190-00734-15 Rev 2 dated 08 March 2016 placed into the Pilot's Operating Handbook. A completed post installation checklist was inserted into the aircraft maintenance records. All work performed was completed IAW Garmin AML STC Installation manual p/n 190-00734-10 Rev8 dated 11 October 2016, Garmin STC SA01714WI, and FAA AC 43-13.2B dated 3 March 2008. Included Garmin document p/n 190-00734-11 Rev 5 dated 05 October 2016, GTX-345 Instructions for Continued Airworthiness into the aircraft maintenance records. Certified aircraft to 20,000ft IAW CFR 91.411, 91.413, and 43 appendix E & F. All tests check good. United Altimeter p/n 5934PD-3 s/n 2K849. Sandia SAE-35 Encoder p/n 305154-00 s/n 4766. Garmin GTX-345 Transponder p/n 011-03302-00 s/n 3EG004521.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, found to be in an airworthy condition and is approved for return to service. Details are on file at this facility under the Work Order number.

DATE: 2/15/2017

SIGNED:

Work Order: A0309

Joe Volker  
Certified Repair Station No. 5FVR692B

Printed by EBis 3 (datcomedia.com)

## Flightline Group, Inc.

3256 Capital Circle SW Tallahassee, FL 32310 CRS# 5FVR692B

Date 2/15/17Work Order # A0309Altimeter p/n 5934PD-3 s/n 2K849

## Altimeter Correction Card

| Altitude (ft)            | Altimeter | Altitude (ft) | Altimeter |
|--------------------------|-----------|---------------|-----------|
| -1000                    | -1000     | 12,000        | 11960     |
| 0                        | 0         | 14,000        | 13965     |
| 500                      | 505       | 16,000        | 15970     |
| 1,000                    | 1000      | 18,000        | 17980     |
| 1,500                    | 1505      | 20,000        | 20005     |
| 2,000                    | 2000      | 22,000        |           |
| 3,000                    | 2995      | 25,000        |           |
| 4,000                    | 3990      | 30,000        |           |
| 6,000                    | 5980      | 35,000        |           |
| 8,000                    | 7970      | 40,000        |           |
| 10,000                   | 9960      | 45,000        |           |
| FLT209 REV ir 06/05/2013 |           | 50,000        |           |



MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
9264-02-2017



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 3/3/2017  
A/C TSN: 1873.5  
TACH: 1873.5

### Airframe Entries

R & R the Bendix/King KI-256 Attitude Horizon p/n 060-0017-00 s/n on: 22583, s/n off: 20806. Sent the B/K KC-192 Autopilot Computer to CRS# S66R266N for the gyro alignment with the new horizon. Reinstalled the autopilot computer. Autopilot and horizon ground tests good REF King STC p/n 006-0267-00.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 3/3/2017

SIGNED: *Joe Volker*

Joe Volker, A&P: 3656523

Work Order: 9264-02-2017

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
8966-09-2016



### Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 7/10/2017  
A/C TSN: 1908.9  
TACH: 1908.9

### Airframe Entries

C/W Annual inspection...Lubed engine and airframe controls per MM Chpt.12...R & R clevis pin PN MS20392-2C37 in RMG Hydraulic Actuator Attach bracket...R & R both MLG door hinges and pins Ref. Piper PA 32 MM...Removed both MLG side braces, R & R clevis eye bolt, bushing and forked end bolts and bushings, reinstalled side brace Ref. Piper PA 32-301 MM 32-10-00...R & R broken brake shim on RMG...Resealed R/H brake caliper, O ring P/N: MS28775-222...R & R left MLG upper scissor link bushings and bolt...R & R L/H MLG door rod end Ref.: Piper PA 32 Series MM...Installed new turn limit placards P/N: 582-783 & 582-785, on NLG...R & R right wing trailing edge nav light P/N: 34-0428070-64...Replaced Drag Brace Center Bolt and bushings, left MLG Ref. Piper PA 32 MM 32-10-00...Removed, inspected, serviced, and charged the main aircraft battery...R & R heat shield blanket on inside lower cowl Ref. Piper PA-32 MM 71-10-00...C/W Piper SB 1216B Aileron Rib Inspection part 2, no defects noted at this time (R100 Hours)...C/W Piper SB1242 Rudder Pedal Assembly recurring Inspection Part II (R100 Hours)...C/W Special Inspection (12 month) FAR91.207(D), ELT inspection and test, replaced ELT battery P/N 452-0130, battery next due 2/2020...R & R MLG actuator flexible hoses, NLG actuator flexible hoses and MLG brake flexible hoses...R & R propeller for overhaul by Sunstate Propeller Inc., removed sludge from crankshaft during prop overhaul, ground operational and leak checks satisfactory.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 7/10/2017

SIGNED: *Fred Davis*

Fred Davis, IA: 2832998

Work Order: 8966-09-2016

Printed by EBis 3 (datcomedia.com)



# AIRCRAFT LOG

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
9533-08-2017



**Flightline Group, Inc.**

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 8/15/2017  
A/C TSN: 1916.6  
TACH: 1916.6

## Airframe Entries

Removed and replaced electric fuel pump. P/N 1B5-14. S/N on 12BB5, S/N off 3AL-5. Engine ground ran, ops check good, no leaks.

The aircraft, engine, propeller or appliance listed above was inspected and/or repaired Ref. current FAR's and is approved for return to service ONLY regarding the above action(s). This release in no way certifies current or future airworthiness of the aircraft.

DATE: 8/15/2017

SIGNED

James Brown, A&P: 2847216

Work Order: 9533-08-2017

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
9937-03-2018



**Flightline Group, Inc.**

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 3/27/2018  
A/C TSN: 2021.5  
TACH: 2021.5

## Airframe Entries

Removed, serviced, charged and reinstalled aircraft battery.

The aircraft, engine, propeller or appliance listed above was inspected and/or repaired Ref. current FAR's and is approved for return to service ONLY regarding the above action(s). This release in no way certifies current or future airworthiness of the aircraft.

DATE: 3/27/2018

SIGNED

James Brown, A&P: 2847216

Work Order: 9937-03-2018

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA32R-301  
S/N: 3246024  
REG. NO: 117CS  
WORK ORDER:  
9937-03-2018



**Flightline Group, Inc.**

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 3/27/2018  
A/C TSN: 2021.5  
TACH: 2021.5

## Airframe Entries

R&R nose tire and tube. Serviced to 35 psi per aircraft POH.

The aircraft, engine, propeller or appliance listed above was inspected and/or repaired Ref. current FAR's and is approved for return to service ONLY regarding the above action(s). This release in no way certifies current or future airworthiness of the aircraft.

DATE: 3/27/2018

SIGNED

Chance Shutes, A&P: 3984020

Work Order: 9937-03-2018

Printed by EBis 3 (datcomedia.com)



Moultrie Municipal Airport  
189 Airport Drive  
Moultrie, GA 31768

N117CS - PIPER PA-32R-301  
S/N: 32-46024  
ACFT: 2045.6  
Hobbs/Tach: 2178.0/2045.6

1. Performed annual inspection; Opened all access panels, removed interior. Checked all flight controls for proper rigging and attachment, no faults found. Removed all wheels, then removed wheel bearings for cleaning. Inspected all bearings & races, re-packed bearings with Aeroshell 22 and re-installed in wheels, re-installed on aircraft. Performed gear retraction/extension test & emergency extension test. Lubricated all airframe lube points with appropriate lubricant. Removed fuel strainer bowl to access strainer screen; cleaned and reassembled. ELT inspected per FAR 91.207(d), battery due 02/20. Removed and replaced vacuum garter filter with new (p/n: RAB3-5-1). Closed aircraft up for return to service. Replaced Brackett intake air filter element with new (p/n: BA-3).
2. Removed LH brake linings and installed (4) new linings (p/n: RA66-62).
3. Removed RH brake linings and installed (4) new linings (p/n: RA66-62).
4. Serviced and prepared new Gill battery for installation in aircraft per Gill instructions.
5. Removed aircraft battery and installed new Gill Battery (p/n: G-243 s/n: G03008193).

Ground Check, OK. Details of work performed are on file with Eagles of America Inc. under work order: WO1464. No other applicable AD's as of this date. Closed aircraft up for return to service. All work performed IAW PIPER ICA's & a PIPER annual checklist. I CERTIFY THAT THIS **AIRFRAME** HAS BEEN INSPECTED IN ACCORDANCE WITH AN **ANNUAL** INSPECTION AND WAS DETERMINED TO BE IN **AIRWORTHY** CONDITION.

Powell, Taylor A&P IA 3742491 October 1, 2018

#### NOTES

|                                                |                  |    |
|------------------------------------------------|------------------|----|
| 1. Approving Civil Aviation Authority/Country: |                  | 2. |
| FAA / UNITED STATES                            |                  | A  |
| 4. Organization Name and Address:              |                  |    |
| 6. Item:                                       | 7. Description:  |    |
| 7                                              | Aircraft Battery |    |

12. Remarks: **AIRWORTHINESS APP**  
containing 2 page(s) with form tracking