

# INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

ft Model C90GT Serial Number LJ-1817  
N610SC Owner's Name \_\_\_\_\_

ITEM	DATE/TIME		INSPECTED BY	COMPLYING AGENCY	NOTATIONS	NEXT DUE
	DUE	CHECKED				

**ISLIP AVIONICS, INC. MAINTENANCE RECORD**

A Certified Repair Station FJ1R141K  
 L.I. MacArthur Airport Ronkonkoma, NY  
 631-588-3543

TACH: - DATE: 8/1/08  
 HOBBS: \_\_\_\_\_ N# N610SC  
 TT: 368.8 A/C S/N LJ1817

TAP initials	ALTIMETER(S) REMOVED AND REINSTALLED. CHECKED IN AIRCRAFT. #1 S/N <u>54577</u> #2 S/N <u>174667</u> UNIT(S) RECERTIFIED AND SERVICEABLE TAGGED. SEE ATTACHED TEST SHEET(S). ALTIMETERS WERE TESTED TO <u>50,000</u> FEET. ALTIMETER TESTS AND INSPECTIONS REQUIRED BY 91.411 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH FAR PART 43, APPENDIX E, PARA. a,b,d.
TAP initials	AUTOMATIC PRESSURE ALTITUDE EQUIPMENT AND ATC TRANSPONDER SYSTEM INTEGRATION TESTS AND INSPECTIONS REQUIRED BY FAR 91.411 & 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH FAR PART 43 APP. E PARA. c,d IF MARKED, ALSO COMPLIES WITH FAR 91.217
TAP initials	ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND COMPLY WITH FAR 43, APPENDIX E. #1 make/model <u>COLLINS TDR94</u> S/N <u>266MM</u> #2 make/model <u>COLLINS TDR94</u> S/N <u>2915M</u>

Approved for return to service with respect to the work performed.  
 Details are on file at this repair station under work order: 23414  
 Cross out sections that do not apply.  
 Auth. Signature: Thomas A. Piastuch



FAA Certified Repair Station FJ1R141K  
 L.I. MacArthur Airport Ronkonkoma, NY 11779  
 (631) 588-3543

**AIRCRAFT MAINTENANCE RECORD**

HOBBS/TACH: - Date 3/9/09  
 A/C Reg. No. N610SC  
 TT: - A/C S/N LJ1817

Cleaned underwater Beacon contact & port wires  
 Functional check on DUKANE 120 under-  
 water Beacon using DUKANE PL1 Tester  
 IAW DUKANE Spec's, SHEET # 10465-6-88.  
 FOUND SYS operation to be within Spec's at  
 THIS TIME - BATTERY DATE: NOV 2012.

Auth. Signature Thomas A. Piastuch  
 Details are on file at this repair station under work order 23974



STEVENS AVIATION INC.  
NASHVILLE, TN

02

Aircraft Reg. No. N610SC

ACTT 864.8

Aircraft S/N LJ-1817

Date 8-10-2010

I certify that the altimeter and static system test and inspection required by FAR 91.411 have been performed on the Altimeter (s) listed below in accordance with FAR 43 Appendix E paragraphs (a) and (b). Performed leak and ops test per FAR 23 sub-section 23.1325.

LH ADC Make: <u>IS &amp; S</u>	LH ADC P/N: <u>9D-80130-31</u>	LH ADC S/N: <u>54577</u>	<u>35,000</u>
RH ADC Make: <u>Aerosonic</u>	RH ADC P/N: <u>101450-11952</u>	RH ADC S/N: <u>1589637</u>	<u>35,000</u>
SB Alt Make: <u>N/A</u>	SB Alt P/N: <u>N/A</u>	SB Alt. S/N: <u>N/A</u>	

Altitude reporting system tested per Paragraph (c) Appendix E FAR 43.

I certify the ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43 Appendix F.

No 1 Xpdr Make: <u>Collins</u>	No 1 Xpdr Model: <u>622-9352-005</u>	No 1 Xpdr S/N: <u>266MM</u>
No 2 Xpdr Make: <u>Collins</u>	No 2 Xpdr Model: <u>622-9352-005</u>	No 2 Xpdr S/N: <u>2915M</u>

Signed [Signature]  
For STEVENS AVIATION Nashville, Tn 37217 CRS VIB3368K - Work Order # 2254

SA-0505



STEVENS AVIATION INC.  
NASHVILLE, TN

N610SC  
S/N LJ-1817

ACTT 941.0  
HM 941.0

November 1, 2010

All maintenance performed in accordance with applicable sections of manufactures maintenance manual.. Installed Garmin GDL69 Data Link Processor P/N 011-00986-00 at station 60.5 Nose Avionics Bay iaw Garmin Installation Manual (190-00355-02) Rev. J, Jul, 2009 using manufactures' hardware.

This is a Minor Alteration.

Installed Garmin GA55 XM Satellite Data Link Antenna at station 131. See FAA Form 337 for details.

Operational checks satisfactory. Revised Weight and Balance and Equipment List.

The Maintenance Identified Above Has Been Inspected And The Item Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 2384.

Signed [Signature]  
For STEVENS AVIATION Nashville, Tn 37217 CRS VIB3368K


14031300

14031300





# INSTRUMENT, STATIC AND AVIONICS CHECKS RECORD OF COMPLIANCE

Aircraft Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Altimeter/Static System Certification												
<b>Merlin's Avionics Service</b> Tel: (615) 305-1186 307 Roberta Drive Hendersonville, Tennessee 37075 FAA CRS#Z6MR586Y MAS Form #4			Work Order No. <u>3110</u> Acft.Reg.No. <u>N6105C</u> Acft Type <u>KINGAIR</u> Altimeter Position # <u>2</u> Altimeter P/N# _____ S/N# _____ Date <u>4-20-12</u> Signed <u>Merlin Bugby</u>									
			Altitude		Reading		Tol		Friction		Tol	
			-1000		<u>-1000</u>		<u>-20</u>		1K		<u>+20</u> 70	
			0		<u>0</u>		<u>20</u>		2K		<u>+15</u> 70	
500		<u>500</u>		<u>20</u>		3K		<u>+15</u> 70				
1000		<u>1000</u>		<u>20</u>		5K		<u>+20</u> 70				
1500		<u>1500</u>		<u>25</u>		10K		<u>+15</u> 80				
2000		<u>2000</u>		<u>30</u>		15K		<u>+15</u> 90				
3000		<u>3000</u>		<u>30</u>		20K		<u>+15</u> 100				
4000		<u>4000</u>		<u>35</u>		25K		<u>+15</u> 120				
6000		<u>6000</u>		<u>40</u>		30K		<u>+10</u> 140				
8000		<u>8000</u>		<u>60</u>		35K		<u>+10</u> 160				
10,000		<u>10000</u>		<u>80</u>		40K		<u>180</u>				
12,000		<u>11995</u>		<u>90</u>		50K		<u>250</u>				
Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) <u>+15</u> 2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) <u>+15</u>					Press Diff.(Tol. 25 Ft.) 28.10 <u>-1727</u> -1727 28.50 <u>-1340</u> -1340 29.00 <u>-863</u> -863 29.50 <u>-392</u> -392 29.92 <u>0</u> 0 30.50 <u>531</u> 531 30.90 <u>893</u> 893 30.99 <u>974</u> 974 Case Leak (FPM Tol. 100 Ft.) <u>0</u> After Effect (Tol.30 Ft.) <u>+10</u>							
This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.												

ONS	NEXT DUE

Transponder Certification	
<b>Merlin's Avionics Service</b> Tel: (615) 305-1186 307 Roberta Drive Hendersonville, Tennessee 37075 FAA CRS #Z6MR586Y MAS Form #3	
Work Order No. <u>3110</u> Acft.Reg.No. <u>N6105C</u> Aircraft Type <u>KINGAIR</u> Txpond Position # <u>2</u> Txpond P/N# _____ S/N# _____ Check Box if Mode S <input checked="" type="checkbox"/>	
I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station. Date <u>4-20-12</u> Signed <u>Merlin Bugby</u>	



**STEVENS AVIATION INC.**  
NASHVILLE, TN

N6105C  
S/N LJ-1817

ACTT 1130.3  
HM 1130.3

November 7, 2012

- 2.1 Replaced CVR ULB per Dukane Corp. Doc. No. 03-TM-0045. No defects noted. Battery exp date: October 2018
- 2.2 Performed PS-835D 6 month cap test and deep cycle per L3 manual TP-336. No defects noted on battery P/N: 501-1228-04 S/N: 81410.

The Maintenance Identified Above Has Been Inspected And The Item Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 4130.

Signed \_\_\_\_\_  
 For STEVENS AVIATION Nashville, Tn 37217 CRS VIB3368K

