

N4663Q

THE
adlogTM
**AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM**

**AVIONICS
MAINTENANCE
RECORDS**



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. _____

Aircraft Registration No. N4663 Q

Aircraft Manufacturer CESSNA

Model T210H

Serial No. 210 59563

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

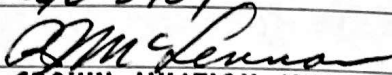
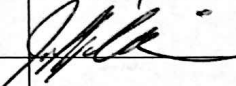
	Mfg.	Model	Serial No.
1.	KING	KMA20	
2.	KING	KX165	14431
3.	KING	KX155	11123
4.	APOLLO	2001NMS	
5.	KING	KN64	
6.	KING	KT76A	
7.	KING	KR87	28379
8.	KING	KCS55A	
9.	CESSNA	400 A/P	
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			



TECH PUBLICATIONS INC.

P.O. BOX 6005/FREEHOLD, N.J. 07728

(908) 462-5330

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7.16.93	N/A	N/A	ADJUSTED COURSE WIDTH IN VOR IN 4438 SIN 1700 - REINSTALLED AND TESTED. SEE W/O 3407
			 CROWN AVIATION AVIONICS Paine Field, Everett, WA FAA Repair Station 1H6R613N
Feb 21 1994			Tested transponder system and Found it to comply with FAR Part 43 appendix E.
			Tested altimeter & static system and Found it to comply with FAR Part 43 appendix E.
			 aircraft Radio Services C.R.# 73R879C
			I CERTIFY THAT THE ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN TESTED, INSPECTED, AND FOUND TO COMPLY WITH FAR 43 APPENDIX F
			DATE <u>21 NOV 95</u>
			SIGNATURE 
			PAINE FIELD INSTRUMENTS
			FAA REPAIR STATION #PL3R766L

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
11-15-95	Tach: 4680.3	TT: 4680.3	Model: T210L S/N: 21059563	
Removed the following equipment: Cessna RT485A system, 300 Nav/Comm system, 300 ADF system, voltage transformers, Apollo 612 loran system, and directional gyro. Installed the following equipment:				
	Nav/Com	KX165	P/N: 069-1025-05	S/N: 14431
	HSI System	KI525	066-3046-05	32989
		KG102A	060-0015-00	26098
		KA51B	071-1242-01	7711
		KMT112	071-1052-00	36042
	Nav/Com	KX155	069-1024-34	11123
		KI203	066-3034-00	16377
	ADF System	KR87	066-1072-00	28379
		KI227	066-3063-00	21921
		KA44B	071-1234-00	37885
	Intercom	N.A.T.	AA80-001	
	GPS	Apollo	NMC2001	
All work in accordance with Bendix-King, Cessna, Northern Airborne Technology, and Apollo installation manuals, and AC43.13. Equipment list updated. Aircraft re-weighted.				
Regal Air Paine Field 10217 31st Ave W. #C51, Everett, WA 98204			 Ronald W. Morcom A&P535664064IA	

Altimeter Calibration

Manufacturer AERO SOLID
 Part No. 101435-012115
 Serial No. 0183588

Test Point, Ft.	Altimeter Error, Ft.	Test Point, Ft.	Altimeter Error, Ft.
-1,000	-15	14,000	-20
0	0	16,000	-20
500	-5	18,000	-50
1,000	-5	20,000	-60
1,500	-5	22,000	
2,000	0	25,000	
3,000	+10	30,000	
4,000	+15	35,000	
6,000	+30	40,000	
8,000	+25	45,000	
10,000	0	50,000	
12,000	-10		

This altimeter has been tested in accordance with FAR 91.411 and Part 43, Appendix E, and certified to 20,000 ft.
 Case Leak TESTED ft. min.

Signed Charles H. H. H. Date 4-22-98
 CANNON AVIONICS, INC.
 Repair Station FB6R529N

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Davionics Repair Station #DSDR658X N43KY The Pitot/Static and Altimeter system has been tested in accordance with CFR 91.411 and found to meet the requirements of CFR 43 App.E. Pertinent details are on file at this repair station under WO# <u>0028</u> Date <u>1-31-04</u> Tach <u>5317.0</u> Transponder Make <u>BENDIX KING</u> Model <u>KT76C</u> Serial # <u>N1A</u> Inspected By <u>David F Reid</u>			Davionics CRS # DSDR658X N43KY This ATC transponder system has been tested in accordance with CFR 91.413 and found to meet the requirements of CFR 43 App. F. Pertinent details are on file at this repair station under WO# <u>0033</u> Date <u>1/31/04</u> Tach <u>5317.0</u> Transponder Make <u>BENDIX KING</u> Model <u>KT76C</u> Serial# <u>N1A</u> Inspected By <u>David F Reid</u>

03/24/2001 Tach 5139.8 N43KY

Removed the KING KT76A Transponder.

The KING TT76A Transponder was replaced with a KING KT76C Digital Transponder.**Weight Change is negligible.**

I certify that this TRANSPONDER Model KT76C has been tested and found to comply with F.A.R. Part 91-413.

Pertinent details are on file under Invoice No. 910

Frank X Ruiz
Frank X Ruiz Avionics
 FAA Approved Repair Station DF3R447L

10/23/00
 TACH 5113.4 REMOVED AEROSONIC
 ENCODING ALT.METER. INSTALLED
 AEROSONIC PRESSURE SENSITIVE PN10035-
 011079 ALTIMETER. INSTALLED ACK
 A30 ALTITUDE ENCODER. ACCOMPLISHED
 ENCODING CORRESPONDENCE ALIGNMENT
 AND ENCODING INTEGRITY TESTS PER
 FAR 91.217, AND 91.411. AND TESTED
 STATIC SYSTEM PER 91.411.

Ronald Cannon
 CRS FB6R529N

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			I certify that the Static Altimeter, and Automatic Pressure Altitude Reporting Systems indicated below have been inspected and tested per FAR 91.411 and Part 43 Appendix E and are determined to be airworthy. #1 Alt Model _____ SN _____ #2 Alt Model _____ SN _____ Max Test Altitude <u>20000</u> WO# <u>12300</u> El Aero Services Inc, 2101 Arrowhead Drive Carson City, NV 89708 CRS #AQHD225C Authorized Signature <u>[Signature]</u> Date <u>9-8-06</u>
			I certify that the ATC Transponder systems indicated below have been tested per FAR 91.413 and part 43 Appendix F and are determined to be airworthy. #1 Atc Model <u>KT76C</u> SN _____ #2 Atc Model _____ SN _____ Max Test Altitude <u>20000</u> WO# <u>12350</u> El Aero Services Inc, 2101 Arrowhead Drive Carson City, NV 89708 CRS #AQHD225C Authorized Signature <u>[Signature]</u> Date <u>9-8-06</u>
			I certify that the Static Altimeter, and Automatic Pressure Altitude Reporting Systems indicated below have been inspected and tested per FAR 91.411 and Part 43 Appendix E and are determined to be airworthy. #1 Alt Model _____ SN _____ #2 Alt Model <u>N/A</u> SN <u>N/A</u> Max Test Altitude <u>20,000</u> WO# <u>12837</u> El Aero Services Inc, 2101 Arrowhead Drive Carson City, NV 89708 CRS #AQHD225C Authorized Signature <u>[Signature]</u> Date <u>7-12-08</u>
			I certify that the ATC Transponder systems indicated below have been tested per FAR 91.413 and part 43 Appendix F and are determined to be airworthy. #1 Atc Model <u>KT76C</u> SN _____ #2 Atc Model <u>N/A</u> SN <u>N/A</u> Max Test Altitude <u>20,000</u> WO# <u>12837</u> El Aero Services Inc, 2101 Arrowhead Drive Carson City, NV 89708 CRS #AQHD225C Authorized Signature <u>[Signature]</u> Date <u>7-12-08</u>

4-12-96
N43KY

ACCOMPLISHED THE FOLLOWING AS A MINOR ALTERATION:
 INSTALLED KAS7 AUTOPILOT ADAPTER
 INSTALLED PER MANUFACTURER'S SPECS AND
 AC43:13-2A, CHAPTERS 1 & 2.
 WEIGHT CHANGE NEGLIGIBLE.

SAN JUAN AVIONICS
 1402A Fairchild Intl. Airport
 Port Angeles, WA 98362
 FAA Repair Station JUAR441K

R. Jansen

The following tests required by FAR 91.217 and FAR 91.411 were performed and found to comply with FAR 43, Appendix E.

Altimeter tested to #1 20,000 ft. #2 X ft.

Signature [Signature] Date 4-22-98

Pressure altitude reporting system. To 20,000 ft.

Signature [Signature] Date 4-22-98

Aircraft static system.

Signature [Signature] Date 4-22-98

CANNON AVIONICS, INC. - ARLINGTON, WA - CRS FB6R529N

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

ATC Transponder

#1-Manf. KING Model KT76A S/N # 88915

Date 4-22-98 Signature [Signature]

CANNON AVIONICS, INC. - ARLINGTON, WA - CRS FB6R529N

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																																																												
12/02/13	TACH: 107.10		I certify that Encoder, Altimeter & Static system tests required by FAR 91.411 have been performed & found to meet the standards of FAR Part 43 appendix E. The Altimeter has been tested to <u>20,000 ft</u>. Performed ATC Transponder test & inspection. Unit found to comply with FAR 91.413 and appendix F of FAR 43. Date: <u>12/02/13</u> Signed: <u>[Signature]</u> Sonora Avionics Inc. DBA Southwest Avionics FAA C.R.S. NYRR723K																																																												
TACH: 107.10 ALTIMETER SCALE ERROR <table border="1"> <tr> <td>W/O# <u>7610</u></td> <td>Customer: <u>N43KV</u></td> </tr> <tr> <td>Part# <u>101435-012115</u></td> <td>Serial# <u>C183588</u></td> </tr> <tr> <td colspan="2">AERASONIC Altimeter Pressure</td> </tr> <tr> <td>Test PT (FT)</td> <td>Indicator readings at + 25 c</td> <td>Test PT (FT)</td> <td>Indicator readings at + 25 c</td> <td>Test PT (FT)</td> <td>Indicator readings at + 25 c</td> </tr> <tr> <td>-1,000</td> <td>-980</td> <td>8,000</td> <td>7960</td> <td>30,000</td> <td rowspan="7" style="text-align: center; vertical-align: middle;">X</td> </tr> <tr> <td>0</td> <td>0</td> <td>10,000</td> <td>9960</td> <td>35,000</td> </tr> <tr> <td>500</td> <td>490</td> <td>12,000</td> <td>11980</td> <td>40,000</td> </tr> <tr> <td>1,000</td> <td>990</td> <td>14,000</td> <td>14,000</td> <td>45,000</td> </tr> <tr> <td>1,500</td> <td>1480</td> <td>16,000</td> <td>15,960</td> <td>50,000</td> </tr> <tr> <td>2,000</td> <td>1980</td> <td>18,000</td> <td>17,940</td> <td>55,000</td> </tr> <tr> <td>3,000</td> <td>2980</td> <td>20,000</td> <td>19,900</td> <td>60,000</td> </tr> <tr> <td>4,000</td> <td>3970</td> <td>22,000</td> <td></td> <td>70,000</td> <td></td> </tr> <tr> <td>6,000</td> <td>5975</td> <td>25,000</td> <td></td> <td>80,000</td> <td></td> </tr> </table> SONORA AVIONICS INC. FAA C.R.S. NYRR723K				W/O# <u>7610</u>	Customer: <u>N43KV</u>	Part# <u>101435-012115</u>	Serial# <u>C183588</u>	AERASONIC Altimeter Pressure		Test PT (FT)	Indicator readings at + 25 c	Test PT (FT)	Indicator readings at + 25 c	Test PT (FT)	Indicator readings at + 25 c	-1,000	-980	8,000	7960	30,000	X	0	0	10,000	9960	35,000	500	490	12,000	11980	40,000	1,000	990	14,000	14,000	45,000	1,500	1480	16,000	15,960	50,000	2,000	1980	18,000	17,940	55,000	3,000	2980	20,000	19,900	60,000	4,000	3970	22,000		70,000		6,000	5975	25,000		80,000	
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☒ ALTIMETER MODEL <u>101435-012115</u> S/N <u>C183588</u> CERTIFIED TO <u>20,000</u> FT. PER FAR PART 43 APPENDIX E THIS DATE: <u>12/02/13</u> ☒ ENCODER MODEL <u>A30</u> S/N <u>69187</u> MATCHED TO ALTIMETER S/N <u>C183588</u> TO <u>20,000</u> FT THIS DATE: <u>12/02/13</u> ☒ AIRCRAFT STATIC SYSTEM HAS BEEN TESTED AND FOUND TO COMPLY WITH FAR (a) APPENDIX E FAR PART 43 THIS DATE <u>12/02/13</u> ☒ TRANSPONDER MODEL: <u>KT76C</u> S/N <u>10573</u> MEETS OR EXCEEDS REQUIREMENTS OF FAR PART 43 APPENDIX F. THIS DATE <u>12/02/13</u> SIGNED: <u>[Signature]</u> FOR SONORA AVIONICS INC FAA C.R.S. NYRR723K																																																															

2/02/16

SERVICE

SERVICE

Removed defective Altimeter Aerasonic P/N:
10035-011079 S/N: 160661 & replaced it with
New one United P/N: 5934PA-3A-86 S/N: 507636
No weight & Balance change. NYRR723K

☒	ALTIMETER MODEL <u>5934PA-3A-86</u> S/N <u>507636</u> CERTIFIED TO <u>25,000</u> FT. PER FAR PART 43 APPENDIX E THIS DATE: <u>2/02/16</u>
☒	ENCODER MODEL <u>ACK A30</u> S/N <u>69187</u> MATCHED TO ALTIMETER S/N <u>507636</u> TO <u>25,000</u> FT THIS DATE: <u>2/02/16</u>
☒	AIRCRAFT STATIC SYSTEM HAS BEEN TESTED AND FOUND TO COMPLY WITH PAR (a) APPENDIX E FAR PART 43 THIS DATE <u>2/02/16</u>
☒	TRANSPONDER MODEL: <u>KT76C</u> S/N <u>10573</u> MEETS OR EXCEEDS REQUIREMENTS OF FAR PART 43 APPENDIX F. THIS DATE <u>2/02/16</u>
SIGNED: <u>[Signature]</u> FOR SONORA AVIONICS INC. FAA C.R.S. NYRR723K	

I certify that Encoder, Altimeter & Static system tests required by
FAR 91.41 have been performed & found to meet the standards of
FAR Part 43 appendix E. The Altimeter has been tested to 20,000 ft
Performed ATC transponder test & Inspection. Unit found to
comply with FAR 91.413 and appendix F of FAR 43 Date: 4/19/18
Signed: [Signature] Sonora Avionics, Inc. FAA C.R.S. NYRR723K

N43KY TACH: 332.9 W.O. N° 9086

TACH: 332.9 ALTIMETER SCALE ERROR					
W/O# <u>9086</u>			Customer: <u>N43KY</u>		
Part# <u>5934PA-3A-86</u>			Serial# <u>507636</u>		
Altimeter Pressure					
Test PT (FT)	Indicator readings at + 25 c	Test PT (FT)	Indicator readings at + 25 c	Test PT (FT)	Indicator readings at + 25 c
-1,000	-980	8,000	7980	30,000	X
0	000	10,000	9970	35,000	
500	490	12,000	11990	40,000	
1,000	990	14,000	14000	45,000	
1,500	1490	16,000	16020	50,000	
2,000	2000	18,000	18030	55,000	
3,000	3000	20,000	20,060	60,000	
4,000	4005	22,000		70,000	
6,000	5990	25,000		80,000	
SONORA AVIONICS INC. FAA C.R.S. NYRR723K					

☒	ALTIMETER MODEL <u>5934PA-3A-86</u> S/N <u>507636</u> CERTIFIED TO <u>20,000 ft</u> FT. PER FAR PART 43 APPENDIX E THIS DATE: <u>4/19/18</u>
☒	ENCODER MODEL <u>ACK A30</u> S/N <u>69187</u> MATCHED TO ALTIMETER S/N <u>507636</u> TO <u>20,000 ft</u> FT THIS DATE: <u>4/19/18</u>
☒	AIRCRAFT STATIC SYSTEM HAS BEEN TESTED AND FOUND TO COMPLY WITH PAR (a) APPENDIX E FAR PART 43 THIS DATE <u>4/19/18</u>
☒	TRANSPONDER MODEL: <u>KT76C</u> S/N <u>10573</u> MEETS OR EXCEEDS REQUIREMENTS OF FAR PART 43 APPENDIX F. THIS DATE <u>4/19/18</u>
SIGNED: <u>[Signature]</u> FOR SONORA AVIONICS INC. FAA C.R.S. NYRR723K	

