



## AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

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

Aircraft Registration No. N595TC.

Aircraft Manufacturer Commander.

Model 114TC.

Serial No. 20005.

### EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1. KING	KN-62	28020
2. KING	KR-87	63451
3. KING	KN-90A	13416
4. KING	KMA-24	103346
5. KING	KX-155 W/GS	115908
6. KING	KX-165 W/GS	56403
7. KING	KI-208	62634
8. KING	KI-209 (GS)	N/A
9. KING	KI-227	39638
10. KING	KT-76 A	104023
11. STEC	01192-0-5T	182A
12. STEC	6405-28L	9170E
13. KING	KI-256	20355
14. KING	KI-525A	83185
15. KING	KG-102A	38169
16. STEC	0140	540B/C
17. STEC	01188-2	118
18. STEC	0106-T10	7606A
19. STEC	0106-R2	7659A
20. STEC	0108-P4	6291A



AERO TECH PUBLICATIONS INC.

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

(908) 462-5330

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE OF PERSON PERFORMING WORK
			<b>TOTAL</b> brought forward from previous page
10/9/95	10.7	10.7	VOR ACCURACY CHECKED AT THE KPWA VOR CHECK POINT WITH THE FOLLOWING ERRORS NOTED: <i>[Signature]</i>
			VOR #1 -- 0
			VOR #2 -- 0
<input checked="" type="checkbox"/> ALTIMETER — Altimeter Reads      ADD			I CERTIFY THAT THE ALTIMETER STATIC SYSTEM & ALTITUDE REPORTING TESTS WERE RUN BY FAR 91.411 & THE TRANSPONDER TESTS WERE RUN BY FAR 91.412 HAVE BEEN PERFORMED. ALTIMETER TESTED TO <u>13,000</u> FT IAW FAR 43 APP E ON <u>9-SEP-97</u> SIGNATURE <i>[Signature]</i> DATE <u>9-SEP-97</u> NORTHCOAST SERVICES CRS WR3R955L
-1000      +5 0      -1 500      +5 1000      -1 1500      +5 2000      -1 3000      +5 4000      +5 6000      +5 8000      +5 10000      +10			Date <u>9-SEP-97</u> Test by <i>[Signature]</i>
SUB - TOTAL this page TOTAL - Carry forward to next page			



# INVOICE



1921 E. FLIGHT LINE DRIVE

TUCSON, ARIZONA 85706

(520) 889-0593 • FAX (520) 573-8393

TOLL FREE (800) 889-0593

FAA CRS SHOR216K

Mike Strauss / Norm Halpern

MODEL Commander  
N# 595TC SERIAL #  TACH.

SUMMARY OF WORK PERFORMED:  (See Attached Shop Work Orders for Details)

INVOICE			
Nº 19595			
Invoice Date	<u>6/13/98</u>		
Charge	<input type="checkbox"/>	Cash	<input type="checkbox"/>
	Credit Card	<input type="checkbox"/>	

	PRICE	CODE
LABOR <u>upgrade KLN 90B to 90B conversion Install 1841-338 and all interconnects as per mfj. specs.</u>	<u>1199.00</u>	
PARTS (See Attached Parts Sheets for Details)	<u>2185.95</u>	
MISC. AND HARDWARE		
SUBLET <u>KLN 90A to 90B conversion</u>		
SERVICES		
FREIGHT & TRANSP.		
OTHER		

THANK YOU FOR THE PRIVILEGE OF SERVING YOU.



1921 E. FLIGHT LINE DRIVE  
TUCSON, ARIZONA 85706

(520) 889-0593 • FAX (520) 573-8393

TOLL FREE (800) 889-0593

FAA CRS SHOR216K

SUB TOTAL	<u>3388.00</u>
SALES TAX %	<u>115.00</u>
TOTAL PAY THIS AMOUNT	<u>3500.00</u>

Signer certifies that he is the owner of the aircraft referred to on this work order, or that he is the fully authorized agent of said aircraft owner. Signer acknowledges that the repairs and materials billed herein are acceptable and satisfactory, and that the work billed herein was fully authorized by aircraft owner. Signer and owner expressly agree to pay this invoice in full, when due, in accordance with the pre-agreed standard 30 day open account credit terms and, if any collection costs are incurred by Spirit Aviation, Inc. in connection with this invoice, Signer agrees to pay all said collection costs. A mechanic's lien is acknowledged to secure the amount of materials and repairs performed on the above aircraft. The owner also hereby expressly grants to Spirit Aviation, Inc. a security interest in the aircraft for the agreed value of all parts and materials used and labor bestowed upon the aircraft pursuant to this work order.

Owner or Owner's Authorized Agent (Signer)

X \_\_\_\_\_

Date \_\_\_\_\_

(Must be signed on ALL credit and open account sales)

## FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG  
U.S. Department of Transportation  
Federal Aviation Administration

2199361

UNITED STATES



MID-CONTINENT INSTRUMENTS WEST  
A DIVISION OF MID-CONTINENT INSTRUMENT CO., INC.  
16555 SHERMAN WAY A-1 VAN NUYS, CA 91406  
F.A.A. CRS OL2D061L

4. ORGANIZATION

5. WORK ORDER NO.

2199361

6. ITEM

7. DESCRIPTION

8. PART NO.

9. ELIGIBILITY\*

10. QUANTITY

11. SERIAL / BATCH NO.

12. STATUS / WORK

13. REMARKS

THE WORK ORDER REFERENCED, PRESCRIBING THE ACTUAL WORK  
PERFORMED IS ATTACHED. THE PRESCRIBED WORK WAS  
PERFORMED IN ACCORDANCE WITH FAA APPROVED DATA.

TESTED I.A.W. KC555A SERVICE PARTS MANUAL P/N 006-5111-05 REV 5 DATED 3/84

LIMITED LIFE PARTS MUST BE ACCCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.

14.

NEW  
 NEWLY OVERHAULED

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.

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

20. AUTHORIZED SIGNATURE

21. CERTIFICATE NUMBER

CRS OL2D061L

17. NAME (TYPED OR PRINTED)

18. DATE

22. NAME (TYPED OR PRINTED)

23. DATE

4/26/99

\* (Optional) Installer must cross check eligibility with technical

FAA Form 8130-3 (11-93)

VII. PART NUMBER

NOMENCLATURE

QTY.

PART NUMBER

NOMENCLATURE

QTY.

VIII. WORK ACCOMPLISHED: REMOVED CASE. CLEARED SLIP RINGS. ADJUSTED CID O/P PER TEST & ALIGNMENT PROCEDURE 6.2.3. SEC. 13. TESTED UNIT I.A.W. KC555A SERVICE PARTS MANUAL P/N 006-5111-05 REV 5 3/84 AND ATTACHED TECH DATA SHEET

Technician Jim FergusonDate 4/26/99

Repair Time:

2.0 HR

IX. FINAL INSPECTION

The aircraft component identified was repaired and inspected in accordance with current Federal Aviation Agency regulations and was found airworthy for return to service, with respect to work performed.

Certified Repairman J. S. MinerCert. No. 2502072Date 4/26/99

RECHECKED BY:

(NOT REQUIRED)

(INITIAL)

DATE

PRE-SHIP CHECK BY:

(REQUIRED)

(INITIAL)

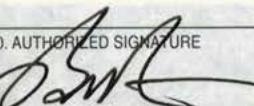
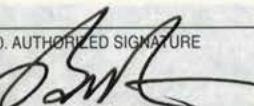
DATE

UNITED STATES	A DIVISION OF MID-CONTINENT INSTRUMENT CO., INC.	2.	FAA FORM 8130-3	3. SYSTEM TRACKING REF. NO.
		AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration	2199617	

4. ORGANIZATION <b>M</b> A DIVISION OF MID-CONTINENT INSTRUMENT CO., INC. 16555 SHERMAN WAY A-1 VAN NUYS, CA 91406 F.A.A. CRS OL2D061L				5. WORK ORDER NO. 2199617		
6. ITEM 1	7. DESCRIPTION HSI	8. PART NO. 066-3046-07 KI525A	9. ELIGIBILITY* TSO ARTICLE N/A	10. QUANTITY 1	11. SERIAL / BATCH NO. 83185	12. STATUS / WORK <input type="checkbox"/> INSPECTED <input type="checkbox"/> OVERHAULED <input checked="" type="checkbox"/> REPAIRED <input type="checkbox"/> FUNCTIONALLY TESTED ONLY

13. REMARKS  
THE WORK ORDER REFERENCED, PRESCRIBING THE ACTUAL WORK PERFORMED IS ATTACHED. THE PRESCRIBED WORK WAS PERFORMED IN ACCORDANCE WITH FAA APPROVED DATA.  
*IAm RCS 55/55A MANUAL Rev 5 March 1984*

LIMITED LIFE PARTS MUST BE ACCCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.

14. <input type="checkbox"/> NEW <input type="checkbox"/> NEWLY OVERHAULED Certificates 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.	15. SIGNATURE	16. FAA AUTHORIZATION	19. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9 Certificates 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. 	20. AUTHORIZED SIGNATURE 	21. CERTIFICATE NUMBER CRS OL2D061L
17. N W TYPED OR PRINTED)	18. DATE	22. NAME (TYPED OR PRINTED) BRYAN MINER	23. DATE 5/19/99		

FAA Form 8130-3 (11-93)

D23-0084-00	DEU BAR M/R	R						
029-0291-00	GEAR	R	12459					
029-0352-00	GEAR	R	CA22047					
			011-38					

VIII. WORK ACCOMPLISHED: *REPLACED L & R METER TESTED ALL FUNCTIONS*

*IAm RCS 55/55A MANUAL Rev 5 March 1984*

Technician \_\_\_\_\_ Date *5/19/99* Repair Time: \_\_\_\_\_  
FINAL INSPECTION The aircraft component identified was repaired and inspected in accordance with current Federal Aviation Agency regulations and was found airworthy for return to service, with respect to work performed.  
*Bry*

Certified Repairman \_\_\_\_\_ Cert. No. *2502072* Date *5/19/99*

RECHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ PRE-SHIP CHECK BY: \_\_\_\_\_ DATE: *5/19/99*  
(NOT REQUIRED) (INITIAL) (REQUIRED) (INITIAL)

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p style="text-align: center;"><b>STATIC PRESSURE SYSTEM CERTIFICATION N595TC</b></p> <p>I certify that the static pressure system and automatic pressure altitude reporting system tests as required by FAR 91.411(A) and 91.217(B) have been performed I.A.W. FAR 43, Appendix E, ¶(A), (C).</p> <p>1. The static pressure system was tested on: <u>11/08/99</u> (Date)</p> <p>2. The automatic pressure altitude reporting system was tested to <u>30,000</u> feet on: <u>11/08/99</u> (Date)</p> <p>Details of this inspection are on file at this facility under Work Order number: <u>D3199</u></p> <p>Date: <u>11/08/99</u> Inspected by <u>John J. H.</u></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">PACIFIC CONTINENTAL Alhart Aviation, Inc. ENGINES, INC. 16700 Roscoe Blvd. 16041 Arminta Street Van Nuys, CA 91406 Van Nuys, CA 91406 FAA Repair Station AAR #230-0000-0000-0000 (818) 781-4947</p> <p>To reorder call MACForm 1-800-654-8124</p> </div> <p style="text-align: center;"><b>N595TC</b> <b>ATC TRANSPONDER TEST</b></p> <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>1. Make <u>Bendix/King</u> Make _____    Model <u>KT76A</u> Model _____    S/N <u>AS Installed</u> S/N _____</p> <p>Details of this inspection are on file at this facility under Work Order Number: <u>D3199</u></p> <p>Date: <u>11/08/99</u> Inspected by <u>John J. H.</u></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">PACIFIC CONTINENTAL Alhart Aviation, Inc. ENGINES, INC. 16700 Roscoe Blvd. 16041 Arminta Street Van Nuys, CA 91406 Van Nuys, CA 91406 FAA Repair Station AAR #230-0000-0000-0000 (818) 781-4947</p> <p>To reorder call MACForm 1-800-654-8124</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">ARTEX AIRCRAFT SUPPLIES, INC. P.O. BOX 1270 CANBY, OR 97013 (503) 678-7929 800-547-8901</p> <p style="text-align: center;"><b>ELT-200 BATTERY PACK</b></p> <p style="text-align: center;">PART NO: 452-3063 REV A TSO C91a W.D. # 52590 EXPIRATION DATE: JUL/2006 ENV CAT CIR/00-183/XXXXXXXXXXXX</p> </div> <p><b>24 Mo. PITOT STATIC, ALTIMETER, TRANSPONDER CERTIFICATION</b></p> <p>I certify that the Altimeter System and Altitude Reporting Equipment tests required by FAR 91.411 and 91.413 have been performed.</p> <p>Tested to <u>20,000</u> ft.    Date <u>7-5-99</u>    Signed <u>Mike Wagner</u>    FAA Repair Station #WZ2R284L  <b>MIKE'S AVIONICS</b>    (818) 780-5562</p> <p style="text-align: center;"><b>N 595 TC</b></p>





DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<b>24 Mo. PITOT STATIC, ALTIMETER, TRANSPONDER CERTIFICATION</b>
			I certify that the Altimeter System and Altitude Reporting Equipment tests required by FAR 91.411 and 91.413 have been performed.
			Tested to <u>20,000</u> ft.
			Date <u>9-20-10</u>
			Signed <u>Mike Wagner</u>
			FAA Repair Station # W22R284L <b>MIKE'S AVIONICS</b> (818) 780-5562
			<u>N 595 TC</u>

Removed Terra AT3000 encoder and installed TCI SSD120-30N encoder.

Aircraft Make AeroCom, Model 114TC Reg. N595TC  
 Date 3-12-14 WO No 32050 Sig DonEnde CRS VT3R931L  
 Gibbs Service Center Inc. 8906 Aero Drive San Diego CA 92123

The ATC Transponder tests and inspections required by FAR 91.413(a) have been performed and found to comply with FAR Part 43, Appendix F.

Transponder No 1 S/N 104023

Transponder No 2 S/N ~

Aircraft Make AeroCom, Model 114TC Reg. N595TC  
 Date 3-12-14 WO No 32047 Sig DonEnde CRS VT3R931L  
 Gibbs Service Center Inc. 8906 Aero Drive San Diego CA 92123

The Altimeter, Automatic Pressure Altitude Reporting, and Static System tests and inspections required by FAR 91.411(a)(1) have been performed and found to comply with FAR Part 43, Appendix E.

Altimeter(s) tested to 20,000 feet.

Pilot Altim S/N In A/C CoPilot Altim S/N ~

Aircraft Make AeroCom, Model 114TC Reg. N595TC

Date 3-12-14 WO No 32047 Sig DonEnde CRS VT3R931L

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y  
 LOG ID# 828 20-June-2014 WO# 2489 SA 20 HOBBS 624.6  
 N595TC S/N 20005 COMMANDER 114TC

Pg 1 / 4

DISCREPANCY: Installation.

ACTION: Removed the following equipment:

King KI-525A HSI P/N 066-3046-01  
 King KG-102A DG P/N 060-0015-00  
 King KMT-112 P/N 071-1052-00  
 King KA-51A Slaving Switch P/N 071-1053-04  
 King KLN 90B GPS P/N 066-04031-2121  
 King KX 155 Nav/Com P/N 069-1024-39  
 King KR 87 ADF P/N 066-1072-04  
 King KI 208 VOR/LOC Indicator P/N 066-3056-00  
 King KI 227 ADF Indicator P/N 066-3063-00  
 King KA 44B ADF Antenna P/N 071-1234-00  
 S-Tec ST 360 Altitude Pre-Selector P/N 0140  
 Mid Continent MD41-328 ACU  
 Comant CI401-7 GPS Antenna  
 Comant CI 106  
 DME Antenna P/N 071-1174-00  
 AT420000 Clock  
 VSI P/N 7000  
 Flightcom 403 Intercom

Installed the following equipment:

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y  
LOG ID# 828 20-June-2014 WO# 2489 SA 20 HOBBS 624.6  
N595TC S/N 20005 COMMANDER 114TC

Pg 2 / 4

Page No.

Aspen EFD 1000 P/N 910-00001-001  
Aspen MFD 1000 P/N 910-00001-002  
Aspen MFD 500 P/N 910-00001-003  
Aspen RSM P/N 910-00003-001  
Aspen RSM P/N 910-00003-002  
Aspen ACU P/N 910-00004-001  
Aspen EBB 58 Emergency Battery P/N 413-00002-001  
Garmin GNS 430W P/N 011-01060-00  
Garmin GA 35 GPS Antenna P/N 013-00235-00  
PS Engineering PMA 8000B Audio Panel P/N 050-890-0202  
King KT 74 Transponder P/N 89000007-002001  
Comant CI 105 Transponder Antenna  
APS4A Altitude Pre-Selector P/N AS02-ALTPIB-41

Aspen Evolution 2500 System installation was done as per STC SA10822SC. Garmin GNS 430W installation was done as per STC SA01933LA-D. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-1B/2B. The following manuals were used for reference: Aspen Avionics EFD 1000 Installation Manual 900-00003-001 Rev AT, March 2014, Garmin GNS 430W Installation Manual P/N 190-00356-02 Rev K, January 2014, PS Engineering PMA 8000B Installation Manual P/N 200-890-0101 Rev 4, April 2012, and King KT 74 Installation Manual P/N D201308000037 Rev 0, November 2013.

Aspen Evolution 2500 system is interfaced to the Garmin GNS-430W, King KX-155, APS4A Altitude

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y  
LOG ID# 828 20-June-2014 WO# 2489 SA 20 HOBBS 624.6  
N595TC S/N 20005 COMMANDER 114TC

Pg 3 / 4

Pre-Selector, and S-Tec 55X Autopilot.

Recomputed Weight and Balance and entered into aircraft records.

All wiring meets requirements of AC 43.13-1B chapter 11. Wiring was routed and secured as per AC 43.13-1B chapter 11. Circuit protection was used as per AC 43.13-1B chapter 11. Electrical load does not exceed limits as per AC 43.13-1B chapter 11. Wiring also meets requirements of AC 43.13 -2B chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-1B chapter 11. All effected systems were tested accordingly to show compliance with 14 CFR 23.1301.

The following circuit protection was used for this installation; The Aspen EFD 1000 PFD was installed on the main bus with a 7.5 AMP circuit breaker, the EFD 1000 MFD was installed on the main bus with a 7.5 AMP circuit breaker, and the EFD 500 MFD was installed on the main bus with a 7.5 AMP circuit breaker. The Aspen ACU was installed on the avionics bus with a 2 AMP circuit breaker, the GNS 430W Com was installed on the avionics bus with a 5 AMP circuit breaker, the GNS 430W GPS was installed on the avionics bus with a 5 AMP circuit breaker, the PMA 8000B was installed on the avionics bus using a 5 AMP circuit breaker, and the King KT 74 was installed on the avionics bus using a 3 AMP circuit breaker.

FAA Approved flight manual supplement for the Aspen EFD 1000 p/n 900-00008-001 Rev S, September 20, 2011 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation. FAA Approved flight manual supplement for the Garmin GNS 430W P/N 190-00356-03 Rev B, July 9, 2009 has been provided to the owner/operator and must be on board the aircraft for this installation.

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y  
LOG ID# 828 20-June-2014 WO# 2489 SA 20 HOBBS 624.6  
N595TC S/N 20005 COMMANDER 114TC

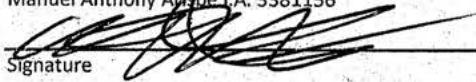
Pg 4 / 4

Continued Airworthiness for this installation should be performed as per attached instructions for Continued Airworthiness P/N 900-00012-001 Rev T for the Aspen EFD 1000, and P/N 190-00356-65 Rev C, February 2013 for the Garmin GNS 430W. Continued Airworthiness for the KT 74 should be performed as per the KT 74 Installation Manual P/N D201308000037 Rev 0, November 2013, and Continued Airworthiness for the PMA 8000B should be performed as per the PMA 8000B Installation manual P/N 200-890-0101 Rev 4, April 2012. Copies have been provided to the aircraft owner/operator for inclusion into the aircraft maintenance records.

The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

5ECR951Y Jerry Huntley Date

Jerry Huntley 6/20/14

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p style="text-align: center;">Arispe Aviation LLC 1704 Canyon Wren Dr. McKinney, Tx 75071 Commander 114TC N595TC S/N 20005 Tach Time 649.2 Date 04Dec14</p> <p>Removed Concorde 28V Battery P/N RG24-11M S/N 40450170 Installed Concorde 28V Battery P/N RG24-11M S/N 40692594 No Change to W.B: All work performed I.A.W. Gulfstream Aerospace Model 114TC M.M. and Concorde CMM 24-30-71. Ground Test of Battery Satisfactory.</p> <p>Manuel Anthony Arispe I.A. 3381156</p> <p> Signature</p> <p style="text-align: right;">04 DEC 14 Date</p>

13 Dec 2014  
TACH:0649.7

N595TC

## AIRFRAME LOG ENTRY

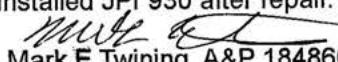
Replaced ELT remote switch and ELT battery. Operational check of system good.

  
Mark E Twining A&P 1848668210 Feb 2015  
TACH: 0659.6

N595TC

## AIRFRAME LOG ENTRY

Removed JPI 930 for repair. Reinstalled JPI 930 after repair. Operational check good.

  
Mark E Twining A&P 18486682

## S/N 20005 WRISTON AVIATION F.A.A. C.R.S. R2FR683J

AIRCRAFT- Commander 114 TC

TAIL NO.- N595TC

TACH. TIME- 786.9

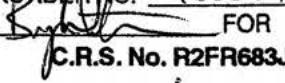
Aspen EFD-1000

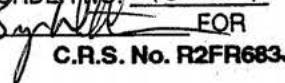
s/n 14285

s/n 14442

Un. L. 5934PA0-3

X 0K205

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEMS TEST AS REQUIRED BY FAR 91.411 HAVE BEEN PREFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. THE ALTIMETER WAS TESTED TO 25,000 FEET ON 5/19/2016 PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORKORDER NO. 160519 DATE 5/19/2016 SIGNED  FOR WRISTON AVIATION C.R.S. No. R2FR683J

I CERTIFY THAT THIS TRANSPONDER MAKE Kenya MODEL let74 S/N 00370 AS INSTALLED IN THIS AIRCRAFT HAS BEEN TESTED AS REQUIRED BY FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON THIS DATE 5/19/2016 TACH 786.9 PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORKORDER NO. 160519 DATE 5/19/2016 SIGNED  FOR WRISTON AVIATION C.R.S. No. R2FR683J

WRISTON AVIATION

Left

(214) 212-0499  
C.R.S. R2FR683J

Customer Name:		N 595TC
Date:	5/19/2016	ALT. P/N: EFD-1000
ALT. Make:	Aspen	ALT. S/N: 14285
CHECKED BY:		<i>Bryan W.</i>

## ALTIMETER SCALE CORRECTION CARD

W/O# 160519

ALTITUDE FEET	ALTIMETER READS UP TOLERANCE		ALTITUDE FEET	ALTIMETER READS UP TOLERANCE	
-1000	-985	$\pm$ 20	12000	11980	$\pm$ 90
0	10	$\pm$ 20	14000	13970	$\pm$ 100
500	510	$\pm$ 20	16000	15955	$\pm$ 110
1000	1010	$\pm$ 20	18000	17950	$\pm$ 120
1500	1510	$\pm$ 25	20000	19935	$\pm$ 130
2000	2010	$\pm$ 30	22000	21930	$\pm$ 140
3000	3005	$\pm$ 30	25000	24910	$\pm$ 155
4000	4000	$\pm$ 35	30000	(S)	$\pm$ 180
6000	5995	$\pm$ 40	35000	(S)	$\pm$ 205
8000	7985	$\pm$ 60	40000	(S)	$\pm$ 230
10000	9980	$\pm$ 80	45000	(S)	$\pm$ 255
			50000	(S)	$\pm$ 280

WRISTON AVIATION

Right

(214) 212-0499  
C.R.S. R2FR683J

Customer Name:		N 595TC
Date:	5/19/2016	ALT. P/N: EFD-1000
ALT. Make:	Aspen	ALT. S/N: 14442
CHECKED BY:		<i>Bryan W.</i>

## ALTIMETER SCALE CORRECTION CARD

W/O# 160519

ALTITUDE FEET	ALTIMETER READS UP TOLERANCE		ALTITUDE FEET	ALTIMETER READS UP TOLERANCE	
-1000	-985	$\pm$ 20	12000	12025	$\pm$ 90
0	10	$\pm$ 20	14000	14025	$\pm$ 100
500	510	$\pm$ 20	16000	16025	$\pm$ 110
1000	1010	$\pm$ 20	18000	18025	$\pm$ 120
1500	1510	$\pm$ 25	20000	20030	$\pm$ 130
2000	2010	$\pm$ 30	22000	22030	$\pm$ 140
3000	3010	$\pm$ 30	25000	25040	$\pm$ 155
4000	4015	$\pm$ 35	30000	(S)	$\pm$ 180
6000	6020	$\pm$ 40	35000	(S)	$\pm$ 205
8000	8020	$\pm$ 60	40000	(S)	$\pm$ 230
10000	10020	$\pm$ 80	45000	(S)	$\pm$ 255
			50000	(S)	$\pm$ 280

WRISTON AVIATION  
Stand,  
(214) 212-0499  
C.R.S. R2FR683J

Customer Name: N595TC  
Date: 5/19/2016 ALT. P/N: 59341AD-5  
ALT. Make: Unital ALT. S/N: OK205  
CHECKED BY: *Ryan L. Johnson*

ALTIMETER SCALE CORRECTION CARD

W/O# 160519

ALITUDE FEET	ALTIMETER READS UP	TOLERANCE	ALITUDE FEET	ALTIMETER READS UP	TOLERANCE
-1000	-995	$\pm$ 20	12000	11975	$\pm$ 90
0	0	$\pm$ 20	14000	13945	$\pm$ 100
500	495	$\pm$ 20	16000	15945	$\pm$ 110
1000	1000	$\pm$ 20	18000	17950	$\pm$ 120
1500	1495	$\pm$ 25	20000	14960	$\pm$ 130
2000	1995	$\pm$ 30	22000	21970	$\pm$ 140
3000	2995	$\pm$ 30	25000	24940	$\pm$ 155
4000	3995	$\pm$ 35	30000		$\pm$ 180
6000	5995	$\pm$ 40	35000		$\pm$ 205
8000	7990	$\pm$ 60	40000		$\pm$ 230
10000	9980	$\pm$ 80	45000		$\pm$ 255
			50000		$\pm$ 280

QTY	Part # and Description

# WRISTON AVIATION

575 S. Virginia Hills Dr. #1502

McKinney, TX 75070

(214) 212-0499

FAA Repair Station #: R2FR683J

Work Order #

160519

Date 5/19/2016

Customer Name	Air-O Specialists
Address	1500 E. Industrial
City, State, Zip	McKinney, TX 75001
Aircraft Make & Model	Commander 114TC s/n 20005
Aircraft Registration	NS95TC

Aircraft Operated under FAR part: 91

Special Instructions: None

Preliminary Inspection: No problems found.

Oper # Service Instructions

1. The Aspen EFD-1000's s/n 14285 and s/n 14442 were calibrated for Altitude using the Aspen Software tool.
2. The Altimeters (Aspen EFD-1000 s/n 14285 and s/n 14442 and Unifil 5934PA0-3 s/n 0k205) were tested to 25,000 ft per FAR 91.411 in accordance with FAR 43 appendix E. The Transponder (Learjet KRT74 s/n 00370) was tested per FAR 91.413 in accordance with FAR 43 appendix F. All tests passed.

The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details are on file at this agency under this work order.

Date 5/19/2016  
Signed Bryan H. for  
WRISTON AVIATION C.R.S. R2FR683J

I hereby authorize the above repair work to be done along with necessary materials. You may operate the above aircraft for purposes of testing, inspection, or delivery at my risk. An express mechanic's lien is acknowledged on the above aircraft to secure the amount of the repairs thereto. It is understood that the company assumes no responsibility for loss or damage by theft or fire to aircraft placed with them for storage, sale, or repair. Signed \_\_\_\_\_

**CUSTOMER WORK ORDER REPORT****Select Avionics, LLC.****WO # 3219 Task 1 RP pg 1****FAA Certified Repair Station # 5ECR951Y****Cust Code: NECL Phone: 479.739.2469**

Neal Clayton  
 104 San Mateo Drive  
 Allen, TX 75013 USA

**\*W00003219001\***

Cust PO#	N/A		
Item	A/P COMPUTER		
Part #	01192-34-61T-30		
Model	SYSTEM 55X		
Serial #	5567		
Mfgr.	S-TEC		
Discrep.	A/P		

A/C Tail #	N595TC		
A/C Make	COMMANDER		
A/C Model	114TC	Ser#	20005
Job Status	FINISHED		
Job type	STANDARD		
Open Date	Dec-20-2016 Tuesday		
Promised			
Started	Dec-20-2016 Tuesday		
Finished	Jan-10-2017 Tuesday		
Manual #	S-TEC CORP.		

**Discrepancy**

OBTAINT NECESSARY SOFTWARE / FIRMWARE UPDATES FROM STEC FOR SYSTEM 55X COMPUTER.

**Preliminary Inspection**

No Physical Damage

**Hidden Damage Inspection**

None

**Progressive Inspection**

Function Check Normal

**Corrective Action**

Sent STEC 55X Autopilot Computer, PN: 01192-34-61T-30 and SN: 5567 for upgrade. Unit was upgraded to PN: 01192-0-1T under S-TEC RMA# R000085626. Reinstalled computer in aircraft and autopilot checks normal.

The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

Labor Date	Empl	Description	Hrs	Rate	OTX	Total Lbr
20Dec2016 Tue	SAMA	A/P	0.25	RG	102.00	25.50
10Jan2017 Tue	JEHU	A/P	1.00	RG	102.00	102.00
		LABOR TOTALS	1.25			127.50

Other type	Description	Qty	Sell	Sell Ext
OUTSIDE WORK	STEC - A/P Upgrade	1.00	2,927.00	2,927.00
O.W. SHIPPING	Standard UPS	2.00	22.50	45.00
	OTHER TOTALS			2,972.00
			Task Total	3,099.50

----- END TEXT -----

**MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 5ECR951Y**

The Aircraft identified above was repaired and/or inspected in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

Inspector / Authorized Signature

5ECR951Y  
Certificate #

Date

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y  
LOG ID# 1117 10-January-2017 WO# 3219 SA 20  
N595TC S/N 20005 COMMANDER 114TC TACH 2288.0

Pg 1 / 1

DISCREPANCY: OBTAIN NECESSARY SOFTWARE / FIRMWARE UPDATES FROM STEC FOR SYSTEM 55X COMPUTER.  
Model: SYSTEM 55X Part#: 01192-34-61T-30 Serial#: 5567

ACTION: Sent STEC 55X Autopilot Computer, PN: 01192-34-61T-30 and SN: 5567 for upgrade. Unit was upgraded to PN: 01192-0-1T under S-TEC RMA# R000085626. Reinstalled computer in aircraft and autopilot checks normal.

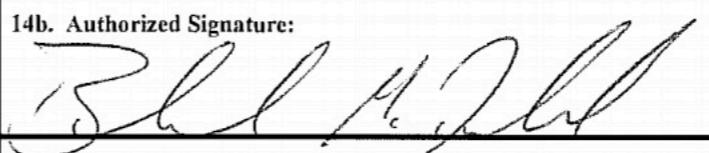
The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

  
5ECR951Y Jerry Huntley Date 1/10/17

1. Approving Civil Aviation Authority/Country  FAA / United States	2.  <b>AUTHORIZED RELEASE CERTIFICATE</b>  <b>FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG</b>	3. Form Tracking Number:  <b>38101</b>			
4. Organization Name and Address  <b>S-TEC Corporation, One S-TEC Way, Mineral Wells, TX 76067-9236 (Certificate No. FF2R818K)</b>		5. Work Order / Contract / Invoice Number  <b>R000085626</b>			
6. Item:  1	7. Description:  PRGMR/CMPTR 14/28 55/55X	8. Part Number:  01192-0-1T	9. Quantity:  1	10. Serial Number:  5567	11. Status/Work:  REPAIRED

12. Remarks:  
See attached SRO# R000085626 For work performed and parts used.

The work specified has been accomplished in accordance with S-TEC Component Maintenance Manual number 87145, Revision D, Dated 08/10/2016.

13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12  Certifies that unless otherwise specified in Block 12, 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:	13c. Approval/Certificate No.	14b. Authorized Signature: 	14c. Approval/Certificate No.  <b>FF2R818K</b>
13d. Name (typed or printed):	13e. Date (dd/mmm/yyyy)	14d. Name (typed or printed):  Blake McDonald	14e. Date (dd/mmm/yyyy)  05/Jan/2017

#### 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.

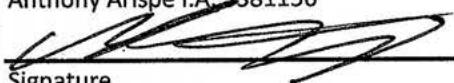
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

**Arispe Aviation LLC 1704 Canyon Wren Dr. McKinney, Tx 75071  
Commander 114TC N595TC S/N 20005 Tach Time 805.4 Date 01Jul17  
Lycoming IO-540-AG1A S/N L-9629-61A ETT 805.4**

Removed Garmin GNS 430W S/N 23406210. Removed KX-155 P/N 063-1024-39.  
Installed Owner Provided CNX 80 GPS/Nav/Comm I.A.W. Apollo Installation Manual 560-0982-00 Rev. F  
Installed Owner Provided SL 30 Nav/Comm I.A.W. Installation Manual 560-0404-03D  
All equipment was installed as per Manufacturer's Instruction and in accordance with AC 43.13/1B/2B.  
All wirein gmeets requirements of AC 43.13-1B chapter 11. Wiring was routed and secured as per AC 43.13-1B chapter 11. Circuit protection was used as per AC 43.13-1B chapter 11.  
Flight manual supplement, I.C.A. & Pilots Guides provided to Owner.  
W&B performed by Roberts Aviation.

The aircraft identified above was maintained and altered in accordance with the current Federal Aviation Agency Regulations, Aircraft Service Manual, Radio Manufacturers Installation Manuals, and is hereby approved for return to service with respect to work performed.

Anthony Arispe I.A. 3381156

  
Signature

01JUL17

Date

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y  
LOG ID# 1195 24-July-2017 WO# 3106 SA 20  
N595TC S/N 20005 COMMANDER 114TC TACH 805.4

Pg 1 / 2

Removed the following equipment:  
King KT 74 Transponder P/N 89000007-002001

Installed the following equipment:  
Garmin GTX 345 Transponder P/N 011-03302-00

Garmin GTX 345 Installation was done as per STC SA01714WI. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-1B/2B. The following manuals were used for reference: Garmin GTX 345 Installation Manual P/N 190-00734-10 Rev 8 September 2016.

Recomputed weight and balance and entered into aircraft records.

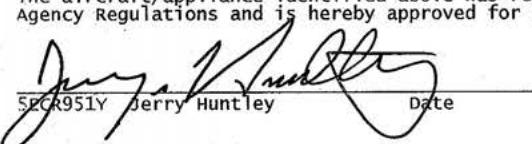
All wiring meets requirements of AC 43.13-1B chapter 11. Wiring was routed and secured as per AC 43.13-1B chapter 11. Circuit protection was used as per AC 43.13-1B chapter 11. Electrical load does not exceed limits as per AC 43.13-1B chapter 11. Wiring also meets requirements of AC 43.13 -2B chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-1B chapter 11. All effected systems were tested accordingly to show compliance with 14 CFR 23.1301.

FAA Approved Flight Manual Supplement for the GTX 345 P/N 190-00734-15 Rev 2 March 2016 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation.

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y  
LOG ID# 1195 24-July-2017 WO# 3106 SA 20  
N595TC S/N 20005 COMMANDER 114TC TACH 805.4

Pg 2 / 2

The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

  
5ECR951Y Jerry Huntley Date