

**THE**  
**adlog** AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AVIONICS  
MAINTENANCE  
RECORDS**

ORLANDO AVIONICS CORP., DBA

ORLANDO

# Aircraft SERVICES

FAA APPROVED REPAIR STATION TP4R552M

EXECUTIVE AIRPORT • P.O. BOX 140741  
ORLANDO, FL 32814

TELEPHONE: (407) 894-9963 • FAX: (407) 894-7062

Std. Alt.	Error	± Tol
-1000	-15	20
0	0	20
500	0	20
1000	0	20
1500	+10	25
2000	+15	30
3000	+10	30
4000	+5	35
6000	+5	40
8000		60
10000	-10	80
12000	-10	90
14000	-10	100
16000	-5	110
18000	0	120
20000	+25	130
22000		140
25000		155
30000		180
35000		205
40000		230
45000		255
50000		280
Before Test	0	
After Test	+10	
Error ± 30	+10	
Up Reading	DN Reading	Error Tol
0	+20	20 ±75
-10	+5	15 ±75

s/n 453934

This altimeter p/n 59340-3

was functionally tested in accordance with FAR43, App. E

Date: July 22, 2008

ORLANDO AVIONICS CORP., DBA

ORLANDO

# Aircraft SERVICES

FAA APPROVED REPAIR STATION TP4R552M

EXECUTIVE AIRPORT • P.O. BOX 140741  
ORLANDO, FL 32814

TELEPHONE: (407) 894-9963 • FAX: (407) 894-7062

Std. Alt.	Error	± Tol
-1000	0	20
0	0	20
500	-5	20
1000	-5	20
1500	-5	25
2000	-5	30
3000	-7	30
4000	-7	35
6000	-10	40
8000	-10	60
10000	-10	80
12000	-10	90
14000	-10	100
16000	-10	110
18000	-10	120
20000	-15	130
22000	-15	140
25000	-20	155
30000	-20	180
35000		205
40000		230
45000		255
50000		280
Before Test	0	
After Test	0	
Error ± 30	0	
Up Reading	DN Reading	Error Tol
-10	-10	0 ±75
-15	-15	0 ±75

s/n 21612435

This altimeter p/n 720-00006000

was functionally tested in accordance with FAR43, App. E

Date: July 22, 2008

**SOUTHEAST AERO SERVICES, INC.**

**385 Hawkeye View Lane**

**St. Augustine, Florida 32095**

FAA Cert. Repair Station UV4R584M

Cirrus SR-22 s/n: 2049 N336B Hobbs: 119.8 4/10/2007 w/o# 12683

Updated checklists in EX-5000C Multi-Function Display s/n: 20113236 to revision A7.2 with reference to Avidyne Service Bulletin 601-00004-057 dated 1/13/2006. Upgraded EX-5000C Multi-function Display software from 530-00180-100 Revision 01 to 530-00180-100 Revision 03 with reference to Avidyne Service Bulletin #601-00004-074 Revision 1 dated 1/18/2007

KFM  
Inspector-Kevin F. Merlie

MODEL SR-22  
S/N 2049  
REG. NO. N336B

ORLANDO AVIONICS CORP., DBA

ORLANDO

**Aircraft SERVICES**

EXECUTIVE AIRPORT • P.O. BOX 140741

ORLANDO, FL 32814

TELEPHONE: (407) 894-9963

DATE July 22, 2008

T.T. 595.1

HOUR/M 365.9

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

Make CARMIN Model 601X-3-27 S/N 83724769

Make --- Model --- S/N ---

Details of this inspection are on file at this

repair station under W/O 109078 Date 07-22-08

ORLANDO AIRCRAFT SERVICES

FAA Approved Repair Station # TP4R552M

601 Humphries Avenue

Orlando, FL 32803 (407) 894-9963

[Signature]

The altimeter system test and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43, Appendix E.

1) The static pressure system was tested on 7-22-08  
2) The altimeter (s) instrument was / were tested to

20,000 ft. on 07-22-2008 (pilot/co pilot)

3) The automatic pressure altitude reporting system

was tested to 20,000 ft. on 07-22-2008

ORLANDO AIRCRAFT SERVICES

FAA Approved Repair Station # TP4R552M

601 Humphries Avenue

Orlando, FL 32803 (407) 894-9963

[Signature]

SARASOTA AVIONICS INC 8191 N TAMiami TRAIL HNGR B-2 SARASOTA, FL 34243 QVOR957X  
LOG ID# 178 25-February-2010 WO# 175/1 REF# SAI 12453 AC TT 733.3 HOBBS 594.7  
N336B S/N 2049 CIRRUS SR-22

\*\*\* ITEM # 175-1 R/R EX-5000 PFD FOR DFC-90 UPGRADE \*\*\*

DISCREPANCY: INSTALL UPGRADED EX-5000 PFD

ACTION: CUSTOMER PURCHASED UPGRADED EX-5000 DISPLAY TO FACILITATE INSTALLATION OF AVIDYNE DFC-90 AUTOPILOT UPGRADE. INSTALLED NEW PFD IAW CIRRUS SERVICE MANUAL SECTION 31-60. GROUND AND FLIGHT ALIGNMENT CHECKS COMPLIED WITH.

PN 700-00006-00 SN D1015 OLD  
PN 700-00006-00 SN 20014196 NEW

Signed 3128684 WILLIAM M THOMPSON

Date

SARASOTA AVIONICS INC 8191 N TAMIAMI TRAIL HNGR B-2 SARASOTA, FL 34243 QVOR957X  
 LOG ID# 260 06-August-2010 WO# 281/1 REF# SAI 12843 AC TT 818.2 HOBBS 665.2  
 N336B S/N 2049 CIRRUS SR-22

Pg 1 / 2

\*\*\*\* ITEM # 281-1 430 UPGRADE \*\*\*\*

DISCREPANCY: 430 UPGRADE: CUSTOMER REQUEST GNS-430W UPGRADE.  
 ACTION: REMOVED AND REPLACED GARMIN GPS UNITS WITH NEW WAAS UNITS. ALL WORK WAS ACCOMPLISHED IN  
 ACCORDANCE WITH GARMIN STC# SA01933LA-D AND CIRRUS SB# 2X-34-24 R1. COMPLETED NEW W&B AND EQUIPMENT  
 LIST. REFER TO 337 DATED 8-6-2010 FOR DETAILS

OFF: GNS-430 PN: 011-00280-10 SN: 97134668

SN: 97132882

OFF: GA-56 PN: 011-00134-00 SN: 59421140

SN: 59421129

ON: GNS-430W PN: 010-00412-01 SN: 23428235

SN: 23428251

ON: GA-35 PN: 011-00134-00 SN: 62599

SN: 62600

\*\*\*\* ITEM # 281-2 DFC-90 UPGRADE \*\*\*\*

DISCREPANCY: DFC-90 UPGRADE:  
 ACTION: REMOVED EXISTING S-TEC 55X AUTOPILOT COMPUTER AND REPLACED WITH AVIDYNE DFC-90 AUTOPILOT  
 COMPUTER. ALL WORK WAS ACCOMPLISHED IN ACCORDANCE WITH DFC AUTOPILOT INSTALLATION MANUAL PN:  
 600-00251-000 REV 2. FAA APPROVED AFMS PN: 600-00246-000 REV 1 INSTALLED IN AIRCRAFT. AUTOPILOT  
 INSTRUCTIONS FOR CONTINUED AIRWORTHINESS PROVIDED IN AIRCRAFT PERMENANT RECORDS PN: AVDFC-030 REV 0.  
 COMPLIED WITH AVIDYNE SB 601-00006-103 REV 2 FOR PFD SW RELEASE 8.0.2. REFER TO 337 DATED 8-6-2010

OFF: 55X PN: 01192-34-61T-30 SN: 0451-7711

ON DFC-90 PN: 850-00170-000 SN: 1026A74674

SARASOTA AVIONICS INC 8191 N TAMIAMI TRAIL HNGR B-2 SARASOTA, FL 34243 QVOR957X  
 LOG ID# 260 06-August-2010 WO# 281/1 REF# SAI 12843 AC TT 818.2 HOBBS 665.2

SARASOTA AVIONICS INC 8191 N TAMiami TRAIL HNGR B-2 SARASOTA, FL 34243 QVOR957X  
 LOG ID# 260 06-August-2010 WO# 281/1 REF# SAI 12843 AC TT 818.2 HOBBS 665.2  
 N336B S/N 2049 CIRRUS SR-22

\*\*\*\* ITEM # 281-3 91.411 / 91.413 \*\*\*\*  
 DISCREPANCY: COMPLY WITH 91.411 / 91.413 IFR RE-CERT REQUIREMENTS  
 ACTION:

THE ALTIMETER HAS BEEN TESTED TO AN ALTITUDE OF 20,000 (FT) AND WAS FOUND TO COMPLY WITH APPENDIX E OF 14 CFR 43. AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT WAS TESTED AND FOUND TO COMPLY WITH 14 CFR 91.217(B). THE ATC COMPLIANCE WITH 14 CFR 91.217(B). THE ATC APPENDIX F OF 14 CFR 43 AND 14 CFR ED IAW 14 CFR 91.411.

Sarasota Avionics, Inc.		Repair Station Number: QVOR957X	
Altimeter Tests Work Sheet			
Work Order: 12853	Date: 8/4/10	Barometric Press: 30.01	
Static Leak Test Date: 8/4/10	Alt. No: 18222-004	S/N: 20073246	
"N" Number: 33613	Alt. No: 12731-002	S/N: 453934	

Pressure Altitude Difference	Pilot	Altitude Difference (Feet)	Copilot
28.10	N/A	-1727	1727
28.50	N/A	-1340	1340
29.00	463	-863	863
29.50	392	-392	392
29.92	0	0	0
30.50	530	531	530
30.90	890	893	890
30.99	974	974	974

Scale Error Test				Friction Test			
Altitude Feet	Pilot Error	Tolerance ± Feet	Copilot Error	Altitude Feet	Pilot	Tolerance Feet	Copilot
-1000	0	20	0	1000	N/A	±70	0
0	0	20	0	2000		70	0
500	0	20	0	3000		70	0
1000	0	20	0	5000		70	0
1500	0	25	0	10,000		80	0
2000	0	30	0	15,000		90	0
3000	0	30	0	20,000		100	0
4000	0	35	0	25,000		120	0
6000	0	40	0	30,000		140	0
8000	0	60	0	35,000		160	0
10,000	0	80	0	40,000		180	0
12,000	0	90	0	50,000		250	0
14,000	0	100	0				
16,000	0	110	0				
18,000	0	120	0				
20,000	0	130	0				
22,000	N/A	140	N/A				
25,000		155					
30,000		180					
35,000		205					
40,000		230					
45,000		255					
50,000		280					

Test	Tolerance Feet	Pilot Error	Copilot Error
Case Leak Test	±100	60	70
Hysteresis Test			
First Test 50%	75	40	50
Second Test 40%	75	20	40
After Effect Test	30	20	20

Mode C Correspondence - Error Corrected to 29.92 Inches of Hg			
Altitude - Feet	System 1	Error	System 2
10,000	5	-125	5
20,000	10	125	10
30,000	N/A	125	N/A
50,000	N/A	125	N/A

Unit 1		Unit 2	
Transponder: GTX-527	Encoder: A-30	Transponder: N/A	Encoder: N/A
Frequency: 1040	Power: +15dB MTL	Frequency: N/A	Power: N/A
SLS: OK	Encode A/C: OK	SLS: N/A	Encode A/C: N/A
	Decode: OK		Decode: N/A

Tested By: [Signature] Date: 8/4/10

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

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
LOG ID# 6940 18-August-2010 WO# 111630/1 HOBBS 834.9 Pg 1 / 1  
N336B S/N 2049 CIRRUS SR-22

REMOVED ACK A-30 S/N 97337.  
INSTALLED NEW TCI SSD120-30N S/N N13731.


CERTIFIED ALTITUDE ENCODER TCI SSD120-30N S/N N13731 TO 20,000 FT IAW FAR 43 APPENDIX E.

INSPECTED STATIC AIR SYSTEM SYSTEM IAW FAR 91.411.

 8/18/10  
2483522 ALLEN OVERLANDER Date

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
LOG ID# 7129 01-February-2011 WO# 112038/1 HOBBS 919.1 Pg 1 / 1  
N336B S/N 2049 CIRRUS SR-22

UPDATED PFD SOFTWARE TO RELEASE 8.0.03 (P/N 530-00214-002 REV 3) IAW SERVICE BULLETIN 601-00006-105.

 2/1/11  
TP4R552M ALLEN OVERLANDER Date

116-12A-3313 #2

**PROPair**  
AVIATION SERVICES, INC.

W/O: 12A-3313 #2  
N336B

**Altimeter System Test and Inspection**

Model ADDU S/N \_\_\_\_\_  
Date 8/22/2012 Tach 1030.3 Alt 16K  
Repairman Michael Tarascio # 2588211

Certified Inspection in accordance with Part 43, App. E and found airworthy PROPair Repair Station #IDDR252K

**Transponder System Test and Inspection**

Model GTX 327 S/N 83724764  
Date 8/22/2012 Tach 1030.3 Alt 16K  
Repairman Michael Tarascio # 2588211

Certified Inspection in accordance with Part 43, App. F and found airworthy PROPair Repair Station #IDDR252K

**APPROVED FOR RETURN TO SERVICE**

*[Signature]*

**PROPair**  
AVIATION SERVICES, INC.

W/O: 12A-3313 #2  
N336B

**Altimeter System Test and Inspection**

Model Anceid S/N \_\_\_\_\_  
Date 8/22/2012 Tach 1030.3 Alt 16K  
Repairman Michael Tarascio # 2588211

Certified Inspection in accordance with Part 43, App. E and found airworthy PROPair Repair Station #IDDR252K

~~**Transponder System Test and Inspection**~~

~~Model \_\_\_\_\_ S/N \_\_\_\_\_  
Date \_\_\_\_/\_\_\_\_/20 \_\_\_\_ Tach \_\_\_\_ Alt \_\_\_\_  
Repairman Michael Tarascio # 2588211~~

~~Certified Inspection in accordance with Part 43, App. F and found airworthy PROPair Repair Station #IDDR252K~~

**APPROVED FOR RETURN TO SERVICE**

*[Signature]*

DATE	AIRFRAME TIME IN SERVICE	Avionics West, Inc. dba Avwest Atlanta		IED—
		2600 Cessna Lane Kennesaw, GA 30144	Tel: 678-354-6255 Fax: 678-354-6248	FORMING WORK
		WO# 1830	DATE: 8-31-15	N# 336B
		A 2 year IFR Certification was performed on this aircraft. Complies with FAR 43 appendix E and F, FAR 91.411, FAR 91.413. Altimeter tested per FAR 43 appendix E section (b). This A/C and/or component was repaired and inspected in accord w/ current FARs and is approved for return to service.		
		Signed <i>[Signature]</i>	-CRS# VVIR654K	

#1 ALT N336B

20K

**AVIONICS WEST, INC.**

**SERVICEABLE PART**

MFG. Aviodyne  
 MODEL NO. EXP 5000 PFD  
 PART NAME Air Data Comp  
 PART NO. 700-00006-000 SER. NO. 2001A196

REG. #	TAT	CYCLES

BENCH CHECKED  REPAIRED   
 OVERHAULED

OWNER DLK

**MAINTENANCE RELEASE**  
 The aircraft and/or the component identified above was repaired or inspected in accordance with current Federal Aviation Agency Regulations and was found air worthy for return to service. Details of the repair are on file under Work Order.

WO# 1830  
 DATE 8-31-15 SIGNED [Signature]  
 AVIONICS WEST, INC.

#2 ALT N336B

20K

**AVIONICS WEST, INC.**

**SERVICEABLE PART**

MFG. United Instr.  
 MODEL NO. 5934  
 PART NAME Altimeter  
 PART NO. 5934D-3 SER. NO. 453934

REG. #	TAT	CYCLES

BENCH CHECKED  REPAIRED   
 OVERHAULED

OWNER DLK

**MAINTENANCE RELEASE**  
 The aircraft and/or the component identified above was repaired or inspected in accordance with current Federal Aviation Agency Regulations and was found air worthy for return to service. Details of the repair are on file under Work Order.

WO# 1830  
 DATE 8-31-15 SIGNED [Signature]  
 AVIONICS WEST, INC.



**Avwest Atlanta #2 ALT**

P.O. Box 2032  
Phone 678-354-6255

Kennesaw, GA 30156  
FAX 678-354-6248

Date 8-31-15 W.O.# 1830 N# 336B

ALTIMETER SCALE ERROR VWIR654K  
NONMENCLATURE ALT SER# 453934  
ALTIMETER PRESSURE

TEST PT (FT)	INDICATOR READINGS AT -25C	TEST PT (FT)	INDICATOR READINGS AT -25C	TEST PT (FT)	INDICATOR READINGS AT -25C
-1000	-5	10000	-5		
000	-5	12000	-10		
500	-5	14000	-10		
1000	0		-5		
1500	0	16000	+10		
2000	+5	18000	+15		
3000	+10	20000	+40		
4000	+10	22000			
	+5	25000			
6000	0	30000			
8000	0	35000			

**Avwest Atlanta #1 ALT**

P.O. Box 2032  
Phone 678-354-6255

Kennesaw, GA 30156  
FAX 678-354-6248

Date 8-31-15 W.O.# 1830 N# 336B

ALTIMETER SCALE ERROR VWIR654K  
NONMENCLATURE PFD SER# 20014196  
ALTIMETER PRESSURE

TEST PT (FT)	INDICATOR READINGS AT -25C	TEST PT (FT)	INDICATOR READINGS AT -25C	TEST PT (FT)	INDICATOR READINGS AT -25C
-1000	0	10000	+5		
000	0	12000	-10		
500	0	14000	0		
1000	0	15000	0		
1500	-5	16000	0		
2000	0	18000	-10		
3000	0	20000	-10		
4000	+5	22000			
5000	0	25000			
6000	-5	30000			
8000	+5	35000			