

THE
adlogTM
AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE
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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 24028	Hobbs: 873.0	Aircraft TT:	
Reg. #: N986CD	Ser #: 1862	Manuf.: Cirrus	Model: SR22

1. Install an exchange EXP 5000 PFD for SB 601-00006-101 Rev 00. Install and configure PFD IAW SB601-00006-101.
PFD 700-00006-00
Remove S/N 20030506
Install S/N 20818015

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: *Sean [Signature]*

Date: ~~3/31/2010~~
12/18/09 SW

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 24177	Hobbs: 907.2	Aircraft TT:	
Reg. #: N986CD	Ser #: 1862	Manuf.: Cirrus	Model: SR22

1. EXP 5000 PFD unit in Xing out in flight. Losing AI and HSI functions. Trouble shoot pitot static system for leaks and cracked fittings. None found. Install an exchange EXP 5000 PFD. Configure and function test IAW Maintenance manual.
PFD 700-00006-000
Remove S/N 2018015
Install S/N 20065118

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: *Sean [Signature]*

Date: 3/31/2010

DATE

AIRFRAME
TIME
IN
SERVICE

AVIONICS
TIME
IN
SERVICE

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 24584	Hobbs: 1065.3	Aircraft TT: 1065.3	
Reg. #: N986CD	Ser #: 1862	Manuf.: Cirrus	Model: SR22

1. Upgrade EXP5000, SN 20065118 to software version 8.0.2 P/N 530-00214-002 Rev 02 as per Avidyne Service Bulletin 601-00006-103 Rev 02, dated July 19, 2010
2. Perform ADU calibration procedure IAW PFD Install Manual P/N 600-00141-001 Rev 4 as advised by Avidyne Tech Support.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: Charles Ruter

Date: 10/08/2010

2

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 24584	Hobbs: 1065.3	Aircraft TT: 1065.3	
Reg. #: N986CD	Ser #: 1862	Manuf.: Cirrus	Model: SR22

1. Upgrade existing Stec System 55X Autopilot to Avidyne Corporation DFC90 Autopilot as per Avidyne Corporation Master Document List, Document AVDFC-019, Rev 02, dated 07/15/2010 as called out in STC SA00296BO issued to Avidyne Corporation on June 18, 2010, last amended July 21, 2010. Install AFMS 600-00249-000 Rev 01 in POH.
2. See ICA Check List AVDFC-030, Rev: 00, dated 03/08/10 for Instructions for Continued Airworthiness.
3. Reviess Weight and Balance
4. File FAA 337 this date

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: Charles Ruter

Date: 10/08/2010

NO.
DATE

AIRFRAME
TIME
IN
SERVICE

AVIONICS
TIME
IN
SERVICE

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

C&W Aero Services, Inc. CRS# HX1R208K

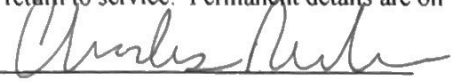
3

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 24584	Tach: 1065.3	Aircraft TT: 1065.3	
Reg. #: N986CD	Ser #: 1862	Manuf.: Cirrus	Model: SR22

1. Upgrade EXP5000, PN 700-00006-000 Rev 38 SN 20065118 to software version 8.0.3 P/N 530-00214-002 Rev 03 as per Avidyne Mandatory Service Bulletin 601-00006-105 Rev 00

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: 

Date: 10/08/2010

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 25649	Hobbs: 1169.3	Aircraft TT:	
Reg. #: N986CD	Ser #: 1862	Manuf.: Cirrus	Model: SR22

1. Autopilot gives MSR Fail message on PFD. Install exchange A/P Computer as per Aaron @ Avidyne. New computer P/N 700-00170-000 Rev 00, S/N 1026A73942. Ops checks OK. Removed S/N 1026A74291. Warranty Claim # AVI 4546

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: 

Date: 7/14/2011

DATE

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized **Hawker Beechcraft** Service Center

WO# 26617	Hobbs: 1329.3	Aircraft TT:	
Reg. #: N986CD	Ser #: 1862	Manuf: Hawker Beechcraft	Model: SR22

The ATC Transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. The Pitot/Static System has been inspected in accordance with FAR 91.411 and found to be AIRWORTHY. Details of these inspections are on file at this repair station.

Transponder #1 Make/Model: Garmin GTX327
Air Data Computer Make/Model: Avidyne EXP5000

SN: 83723100
SN: 20065118

Authorized Signature: 

Date: 5/10/2012

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO# 28717	Hobbs: 652.0	Aircraft TT:	
Reg. #: N986CD	Ser #: 1862	Manuf: Cirrus	Model: SR22

The ATC Transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. The Pitot/Static System has been inspected in accordance with FAR 91.411 and found to be AIRWORTHY. Details of these inspections are on file at this repair station.

Transponder #1 Make/Model: Garmin GTX327
Transponder #2 Make/Model: N/A
Air Data Computer #1 Make/Model: Avidyne EXP5000
Air Data Computer #2 Make/Model: N/A


SN: 83723100
SN: N/A
SN: 20065118
SN: N/A

Authorized Signature: 

Date: 6/17/2014


C&W Aero services Inc.
19 Wright Way, Suite 3
Fairfield, NJ 07004
FAA Repair Station HX1R208K

Master Reads	Altitude Reads	
	Encodery / 100	Altitude
-1000	-10	
0	0	-10
500	5	480
1000	10	985
1500	15	1480
2000	20	1980
3000	30	2980
4000	40	3980
6000	60	5980
8000	80	7980
10000	100	9980
12000	120	11980
14000	140	13970
16000	160	15970
18000	180	17965
20000	200	19960
22000		
25000		
30000		
35000		

Altitude Make: Avidyne
Altitude Model: Exp 5000
Altitude S/N: 20065118
Tested By: 
Date: 6-17-14 Work order No. 28605
Form No. CWF-013

C&W Aero services Inc.
19 Wright Way, Suite 3
Fairfield, NJ 07004
FAA Repair Station HX1R208K

Master Reads	Altitude Reads	
	Encodery / 100	Altitude
-1000	-10	-1010
0	0	-10
500	5	490
1000	10	1000
1500	15	1500
2000	20	2000
3000	30	3000
4000	40	4000
6000	60	5990
8000	80	7970
10000	100	9960
12000	120	11960
14000	140	13965
16000	160	15970
18000	180	17980
20000	200	20000
22000		
25000		
30000		
35000		

Altitude Make: United Instrument
Altitude Model: 5934D-3
Altitude S/N: 451950
Tested By: 
Date: 6-17-14 Work Order No. 28606
Form No. CWF-013

C&W Aero Services Inc. CRS HX1R208K

I certify that the following tests were performed on Altitude model 700-0006-000
S/N 20065118 in accordance with FAR Part 43 Appendix E as outlined in
Tables I, II, III, and IV. Altitude tested to 20,000 ft.

Work Order No. 28605 Date: 06-17-2014

Performed By: 


Form No. CWF-014

C&W Aero Services Inc. CRS HX1R208K

I certify that the following tests were performed on Altitude model 5934D-3
S/N 451950 in accordance with FAR Part 43 Appendix E as outlined in

Tables I, II, III, and IV. Altitude

Work Order No. 28606

Performed By: 

APPLICABLE AIR DIRECTIVE

DATE

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO # 30252	Hobbs: 745.1	Aircraft TT:	
Reg. #: N986CD	Ser #: 1862	Manuf.: Cirrus	Model: SR22

1. Remove EX5000 MFD for repair of USB port inop. Reinstall unit after repair at Symetrics Industries.
 Confirm all internal settings and post run up check OK on engine gauges.
 EX5000 MFD 700-00004-008 S/N 20007426

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: *[Signature]*

CRS # HX1R208K

Date: 3/27/2016

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO# 31505	Hobbs: 1790.0	Aircraft TT:	
Reg. #: N986CD	Ser #: 1862	Manuf: Cirrus	Model: SR22

The ATC Transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. The Pitot/Static System has been inspected in accordance with FAR 91.411 and found to be AIRWORTHY. Details of these inspections are on file at this repair station.

Transponder #1 Make/Model: Garmin GTX327

SN: 83723100

Air Data Computer #1 Make/Model: Avidyne EXP5000

SN: 20065118

1. Altitude encoder is out of spec. Adjust altitude encoder as required to bring into spec.

Authorized Signature: *[Signature]*

CRS # HX1R208K

Date: 8/10/2017

C&W Aero Services Inc. 19 Wright Way, Suite 3 Fairfield, NJ 07004 FAA Repair Station: HX1R208K		C&W Aero services Inc. 19 Wright Way, Suite 3 Fairfield, NJ 07004 FAA Repair Station: HX1R208K	
Master Reads	Encoder	Altitude Reads	Altitude Reads
-1000	-1010	-1000	100
0	0	0	0
500	520	500	5
1000	1020	1000	10
1500	1520	1500	15
2000	2020	2000	20
3000	3020	3000	30
4000	4020	4000	40
6000	6010	6000	60
8000	8000	8000	80
10000	9990	10000	100
12000	11990	12000	120
14000	13990	14000	140
16000	16000	16000	160
18000	18005	18000	180
20000	20030	20000	200
22000		22000	
25000		25000	
30000		30000	
35000		35000	

Altitude Make: Un. Ted Inst
 Altitude Model: 5934D-3
 Tested By: 451950
 Date: 8-9-17 Work Order No. 31393
 Form No. CWF-013

C&W Aero Services Inc. CRS HX1R208K

I certify that the following tests were performed on Altitude model Exp 5000 S/N 20065118 in accordance with FAR Part 43 Appendix E as outlined in Tables I, II, III, and IV. Altitude tested to 20,000 ft. Work Order No. 31392 Date: 8-9-17
 Performed By: [Signature]

Form No. CWF-014

C&W Aero Services Inc. CRS HX1R208K

I certify that the following tests were performed on Altitude model 5934D-3 S/N 451950 in accordance with FAR Part 43 Appendix E as outlined in Tables I, II, III, and IV. Altitude tested to 20,000 ft. Work Order No. 31393 Date: 8-9-17
 Performed By: [Signature]

Form No. CWF-014

DATE

AIRFRAME
TIME
IN
SERVICEAVIONICS
TIME
IN
SERVICEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 4994 19-September-2017 WO# 22385
N986CD S/N 1862 CIRRUS DESIGN CORP. SR22

Pg 1 / 1

Validated that the previous installation of a Garmin GNS430 installed IAW with Garmin instructions and was approved for GPS IFR Enroute, Terminal, & Non-Precision Approach operations. Verified this aircraft and all interfaced equipment are covered under the AML for STC# SA01933LA and Garmin 400W/500W Series Upgrade Manual p/n 190-00357-06 Rev B (or later) per TSO-C146a. The GNS430 was removed and sent to Garmin for upgrade. Had GA56 Antenna removed and Cirrus WAAS Antenna kit installed by Advanced Aircraft Services. The existing location of this GNS430W was found to be outside prescribed "Acceptable View" however Avidyne PFD provides required annunciation. Verified any new interfaces to be in compliance with the Garmin 400W Series Installation Manual p/n 190-00356-02 Rev B (or later) and operating as intended. Inserted new GNS430W Flight Manual Supplement FAA Approved date into Aircraft Flight Manual. Updated the aircraft Equipment List. Inserted Garmin supplied Instructions for Continued Airworthiness p/n 190-00356-05 in the aircraft records. Removed Garmin GTX327 Transponder. Installed Garmin GTX335 Transponder and Comant CI105-9 antenna IAW STC# SA01714WI. Inserted GTX335/ADS-B Flight Manual Supplement in POH. All work was accomplished IAW AC43.13-18/-2B chapters 2 & 3, and appropriate manufacturer's installation manuals. GTX335 system was functionally tested and was found to perform its intended function with no adverse effects on other aircraft systems. TESTED GARMIN GTX335 TRANSPONDER FOR ADS-B COMPLIANCE. SYSTEM WAS FOUND TO COMPLY WITH AC20-165 and 14 CFR 91.225 & 91.227. All wiring/cabling used for installation purposes meets or exceeds the following specifications: (M17/29, and/or M17/60) - coax; (M22759, M27500, and/or M81044) - wire. All circuit breakers used for installation purposes were of the Klaxon, Potter/Brumfield, and/or Mechanical Products variety. All of the above installed equipment was functionally tested and was found to perform its intended function with no adverse effects on other aircraft systems. Weight and Balance change negligible. Equipment List revised.


Todd Adams
C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO# 33249	Hobbs: 886.6	Aircraft TT:	
Reg. #: N986CD	Ser #: 1862	Manuf: Cirrus	Model: SR22

The ATC Transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. The Pitot/Static System has been inspected in accordance with FAR 91.411 and found to be AIRWORTHY. Details of these inspections are on file at this repair station.
Transponder #1 Make/Model: Garmin GTX335 SN: 3EF001654
Air Data Computer #1 Make/Model: Avidyne EXP5000 SN: 20065118

Authorized Signature: 

CRS# HX1R208K

Date: 8/28/2019

C&W Aero Services, Inc. CRS # HX1R208K

certify that the following tests were performed on Allimeter Model **EXP5000**
S/N **20065118** in accordance with FAR Part A.3 Appendix E as outlined
in Tables I, II, III, and IV. Allimeter tested to **20,000** ft.

Work Order # **33283** Date **8-28-19**

Form#CWF-014

Performed By: 

C&W Aero Services, Inc.

19 Wright Way, Suite #3

Fairfield, NJ 07004

FAA Repair Station: DXR208K

Master Reads	Altimeter Reads	
	Encoder	Altimeter
-1000		
0		
500		480
1000		980
1500		1480
2000		1980
3000		2980
4000		3980
6000		5975
8000		7975
10000		9970
12000		11965
14000		13965
16000		15960
18000		17960
20000		19960
22000		
25000		
30000		
35000		
Altimeter Make: Avidyne		
Altimeter Model: EXP5000		
Altimeter S/N: 20065118		
Tested By: T Adams		
Date: 8-28-19 Work Order No: 33283		

Form No. CWF-013

APPLICABLE AIRWORTHINESS
DIRECTIVESADS PERMANENTLY
COMPLIED WITHADS REQUIRING ADDITIONAL
COMPLIANCEMAJOR REPAIR & ALTERATION
FORMS (FAA FORM 337)

Tested
II. Status / Work

33283

C&W Aero Services
by Wright W. Knowlton
FAA Repair Station 1886CD

Master Reads	Altimeter Reads	Altimeter Make
-1000	10101	United Inst.
0	5	Altimeter Model: 5934D-3
500	510	Altimeter S/N: 451950
1000	1000	Tested By: G.W.
1500	1050	Date: 8-28-19
2000	1520	Form No. CWF-013
3000	2000	
4000	2000	
6000	3000	
8000	4000	
10000	7995	
12000	9980	
14000	11990	
16000	13990	
18000	16000	
20000	18010	
22000	20020	
25000		
30000		
35000		

PERFORMED—
PERSON PERFORMING WORK

C&W Aero Services, Inc. CRS #HX1R208K

I certify that the following tests were performed on Altimeter Model 5934D-3
 S/N 451950 in accordance with FAR Part 43 Appendix E as outlined
 in Tables I, II, III, and IV. Altimeter tested to 20,000 ft.
 Work Order # 33284 Date 8-28-19
 Performed By: [Signature] Form#CWF-014

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS#LN7R261N
LOG ID# 6346 29-May-2020 WO# 25078/1 AC TT 1888.3 HOBBS 1888.3
N986CD S/N 1862 CIRRUS DESIGN CORP. SR22
FLIGHT HOBBS 891.6

Pg 1 / 1

**** ITEM # 25078-1 REPAIR AVIDYNE PFD ****
 DISCREPANCY: DISPLAY INTERMITTENTLY FLICKERS OR WILL GO BLANK.
 ACTION: REMOVED, SENT OUT FOR REPAIR AND REINSTALLED REPAIRED AVIDYNE EXP5000 PFD, S/N 20065118.
 VERIFIED CONFIGURATION SETTINGS AND PERFORMED STATIC SYSTEM LEAK CHECK. LEAK CHECK PASSES AT 14FPM
 1000 FT. AGL.

25078-2 REPAIR XMWX ****
 SY: NO WX MOST OF THE TIME, HAS VERY WEAK SIGNAL.
 ACTION: REMOVED, SENT OUT FOR REPAIR AND REINSTALLED REPAIRED HEADS UP TECHNOLOGIES XMD076A-1 XM
 S/N 816000413. ALL OPS CHECKS OK.

25078-3 SOFTWARE ****
 SY: UPDATE SOFTWARE
 C/W GARMIN SB'S 1967B AND 1985A BY UPDATING GTX335 TRANSPONDER, S/N 3EE001654 MAIN AND ADS-B
 FROM 2.05/2.10 TO 2.54/3.13 RESPECTIVELY. C/W GARMIN SB1766A BY UPDATING #1 GNS430W (IN
 IN SOFTWARE FROM 5.30 TO 5.40. WAAS SOFTWARE IS ALREADY CURRENT AT VER. 5.0. #2 GNS430 IS
 AND IS AT CURRENT SOFTWARE LEVEL. ALL OPS CHECKS OK.

[Signature]
 W.W. KNOWLTON

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS#LN7R261N
LOG ID# 6365 18-June-2020 WO# 25137/1 AC TT 1889.2 HOBBS 1889.2
N986CD S/N 1862 CIRRUS DESIGN CORP. SR22
FLIGHT HOBBS 891.6

Pg 1 / 1

**** ITEM # 25137-1 REPAIR EXP5000 PFD - AVIDYNE WARRANTY ****
 DISCREPANCY: DISPLAY INTERMITTENTLY FLICKERS. RECENTLY REPAIRED FOR SAME PROBLEM.
 Model: EXP5000 Part#: 700-00006-000 Serial#: 20065118
 ACTION: VERIFIED SQUAWK; REMOVED FAULTY AVIDYNE EXP5000 PFD, S/N 20065118 AND INSTALLED WARRANTY
 EXCHANGE EXP5000 PFD, S/N D1318. PERFORMED MAGNETOMETER CALIBRATION. ALL OPS CHECKS OK. STATIC
 SYSTEM LEAK CHECK PASSES @14 FPM LEAK @ 1000 FT. AGL.

**** ITEM # 25137-2 REPAIR DFC90 AP - AVIDYNE WARRANTY ****
 DISCREPANCY: INTERMITTENTLY DISPLAYS MSR FAILURE ON PFD.
 Model: DFC90 Part#: 700-00170-000 REV 00 Serial#: 1026A73942
 ACTION: REMOVED DFC90 AUTOPILOT, S/N 1026A73942 AND INSTALLED WARRANTY EXCHANGE DFC90, S/N
 M103415123. ALL OPS CHECKS OK.

[Signature]
 ANDREW W. KNOWLTON

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 6409 31-July-2020 WO# 25236/1 AC TT 1902.4 HOBBS 1902.4
 N986CD S/N 1862 CIRRUS DESIGN CORP. SR22
 FLIGHT HOBBS 901.3 Pg 1 / 1

**** ITEM # 25236-1 REPAIR TRAFFIC DISPLAY ON GNS430 ****
 DISCREPANCY: TRAFFIC IS NOT BEING DISPLAYED PROPERLY ON GNS430 SINCE LAST REPAIR SERVICE.
 ACTION: REPAIRED TRAFFIC DISPLAY ON #2 GNS430 BY PERFORMING MASTER CLEAR FUNCTION. HAD BEEN
 ERRONEOUSLY DISPLAYING UNSTABLE VECTOR TRACK LINES ON TRAFFIC TARGETS. VECTOR TRACK LINES ARE NOT
 AVAILABLE WITH SKYWATCH TRAFFIC SYSTEM. ALL OPS CHECKS OK.

**** ITEM # 25236-2 PFD ATTITUDE NOSE HIGH IN LEVEL FLIGHT ****
 DISCREPANCY: PFD ATTITUDE DISPLAYS ABOUT 1 DEGREE NOSE HIGH IN LEVEL FLIGHT.
 ACTION: PER CUSTOMER REQUEST RECALIBRATED AVIDYNE PFD PITCH 1 DEGREE LOWER. PERFORMED REQUIRED
 MAGNETOMETER CALIBRATION. ALL OPS CHECKS OK.

Andrew W. Knowlton
 ANDREW W. KNOWLTON

C&W Aero Services, Inc. CRS# HX1R208K
 19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750
 An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO# 34871	Hobbs: 917.9	Aircraft TT:	
Reg. #: N986CD	Ser #: 1862	Manuf: Cirrus	Model: SR22

The ATC Transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. The Pitot/Static System has been inspected in accordance with FAR 91.411 and found to be AIRWORTHY. Details of these inspections are on file at this repair station.
 Transponder #1 Make/Model: Garmin GTX335 SN: 3EE001654
 Air Data Computer #1 Make/Model: Avidyne EXP5000 PFD SN: D1318

C&W Aero services Inc.
 19 Wright Way, Suite 3
 Fairfield, NJ 07004
 FAA Repair Station HX1R208K

Signature: *[Signature]*
 CRS # HX1R208K

Date: 4/6/2022

C&W Aero services Inc.
 19 Wright Way, Suite 3
 Fairfield, NJ 07004
 FAA Repair Station HX1R208K

Master Reads	Altimeter Reads	
	Encoder	Altimeter
-1000		
0		-10
500		490
1000		990
1500		1490
2000		1990
3000		2990
4000		3990
6000		5985
8000		7985
10000		9985
12000		11985
14000		13980
16000		15975
18000		17970
20000		19970
22000		
25000		
30000		
35000		

Altimeter Make: Avidyne
 Altimeter Model: Exp5000
 Altimeter S/N: D1318
 Tested By: *[Signature]*
 Date: 4-6-22 Work Order N934871
 Form No. CWF-013

C&W Aero Services, Inc. CRS #HX1R208K
 I certify that the following tests were performed on Altimeter Model Exp5000
 in accordance with FAR Part 43 Appendix E as outlined
 S/N D1318 in accordance with FAR Part 43 Appendix E as outlined
 in Tables I, II, III, and IV. Altimeter tested to 20,000 ft.
 Work Order # 34871 Date 4-6-22
 Performed By: *[Signature]* Form#CWF-014

C&W Aero Services, Inc. CRS #HX1R208K
 I certify that the following tests were performed on Altimeter Model 5934D-3
 in accordance with FAR Part 43 Appendix E as outlined
 S/N 451950 in accordance with FAR Part 43 Appendix E as outlined
 in Tables I, II, III, and IV. Altimeter tested to 20,000 ft.
 Work Order # 34871 Date 4-6-22
 Performed By: *[Signature]* Form#CWF-014

Master Reads	Altimeter Reads	
	Encoder	Altimeter
-1000		-10
0		10
500		510
1000		1010
1500		1510
2000		2010
3000		3010
4000		4010
6000		6000
8000		7990
10000		9990
12000		11990
14000		14000
16000		16000
18000		18010
20000		20000
22000		
25000		
30000		
35000		

Altimeter Make: United Inst
 Altimeter Model: 5934D-3
 Altimeter S/N: 451950
 Tested By: *[Signature]*
 Date: 4-6-22 Work Order N934871
 Form No. CWF-013