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**AVIONICS
MAINTENANCE
RECORDS**

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8/4/14	1723.7		DUNKIRK AVIONICS Phone: 716-664-7700 3163 Airport Drive Jamestown, NY 14701 CRS# DKZR372X Work Order# 4967 Date: April 4, 2014 Aircraft Reg. Number: N2149J TACH: 1723.7 Installed a S-TEC 60 PSS (pitch stabilization system) IAW STC# SA5178SW-D. 337 filed and Weight and balance updated 4/4/14. Panel lights inop. Replaced piper rheostat (right side) part number 67436-005. Work performed IAW Piper maintenance manual section 39-40. The above work is Approved for return service. Further details are on file under the work order. <i>Mark Kezman</i> Name: Mark Kezman Certificate # DKZR372X

DUNKIRK AVIONICS
ALTIMETER SCALE CORRECTION CARD
AIRCRAFT N#: N2149J
ALTIMETER S/N: 8054
SCALE CORRECTIONS

Altitude	Add algebraically at room temp.
14000	0
16000	0
18000	-10
20000	0
22000	0
24000	0
26000	0
28000	0
30000	0
32000	0
34000	0
36000	0
38000	0
40000	0
42000	0
44000	0
46000	0
48000	0
50000	0

Tested by: *Mark Kezman* Date: 8/4/14

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE ERRORS WITH THE SIGN REVERSED. ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.

DUNKIRK AVIONICS
ALTIMETER SCALE CORRECTION CARD
AIRCRAFT N#: N2149J
ALTIMETER S/N: N4466
SCALE CORRECTIONS

Altitude	Add algebraically at room temp.
14000	+20
16000	+20
18000	0
20000	0
22000	0
24000	0
26000	0
28000	0
30000	0
32000	0
34000	0
36000	0
38000	0
40000	0
42000	0
44000	0
46000	0
48000	0
50000	0

Tested by: *Mark Kezman* Date: 8/4/14

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE ERRORS WITH THE SIGN REVERSED. ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.

DUNKIRK AVIONICS
ALTIMETER SCALE CORRECTION CARD
AIRCRAFT N#: N2149J
ALTIMETER S/N: N4466
SCALE CORRECTIONS

Altitude	Add algebraically at room temp.
14000	+10
16000	+10
18000	0
20000	0
22000	0
24000	0
26000	0
28000	0
30000	0
32000	0
34000	0
36000	0
38000	0
40000	0
42000	0
44000	0
46000	0
48000	0
50000	0

Tested by: *Mark Kezman* Date: 8/4/14

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE ERRORS WITH THE SIGN REVERSED. ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.

The following altimeter and altitude reporting equipment tests and inspections as required by 14CFR 91.411, IAW 14CFR Part 43, Appendix E, have been performed.

Part (a) Static System 2-13-18 (date)
Part (b) Altimeters
Pilot's EFD1000 Copilot's Standby 5834P-1
S/N 8054 S/N N4466

Tested to 16K feet
Part (c) Integrated System Test 2-13-18 (date)

Technician W/O# 6129
DUNKIRK AVIONICS LLC. FAA CRS# DKZR372X

ATC Transponder test and inspections as required by 14CFR 91.413 IAW 14CFR Part 43, Appendix F, have been performed.
Transponder Model GTX 345 S/N 3E6010797

Transponder Model S/N
Technician W/O# 6129
DUNKIRK AVIONICS LLC. FAA CRS# DKZR372X FORM 105

N2149J Tach: 1859.7

DUNKIRK AVIONICS Phone: 716-664-7700
3163 Airport Drive
Jamestown, NY 14701 CRS# DKZR372X

Work Order# 6129 Date: 2/13/18 Aircraft Reg. Number: N2149J
TACH: 1859.7

Updated the Garmin GNS430W main software to V5.40 IAW STC service bulletin 1766 Rev. A.

Updated the Aspen EFD1000 software to V2.9 IAW service bulletin SB2016-04.

Updated flight manual supplements and ICA's as required by the service bulletins.

The above work is Approved for return service. Further details are on file under the work order.

Name: Mark Kezman Certificate # DKZR372X

DUNKIRK AVIONICS Phone: 716-664-7700
3163 Airport Drive
Jamestown, NY 14701 CRS# DKZR372X

Work Order# 6129 Date: 2/13/18 Aircraft Reg. Number: N2149J
TACH: 1859.7

Removed a Garmin GTX330 transponder. Installed a Garmin GTX345 ADS-B in/out transponder IAW STC# SA01714WI.

The ADS-B out system was shown to meet the equipment performance requirements of 14 CFR part 91.227.

Installed a Garmin Flight stream 210 as a follow on to Garmin GNS430W STC# SA01933LA-D.

337 filed, weight and balance updated 2/13/18.

The above work is Approved for return service. Further details are on file under the work order.

Name: Mark Kezman Certificate # DKZR372X

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

DUNKIRK AVIONICS

ALTIMETER SCALE CORRECTION CARD
AIRCRAFT N#: N2149J
ALTIMETER S/N: 8054
SCALE CORRECTIONS

Add algebraically at room temp.

-1000	+20
0	+20
500	+20
1000	+20
1500	+20
2000	+20
3000	+20
4000	+20
6000	+30
8000	+25
10000	+30
12000	+30

Add algebraically at room temp.

14000	+30
16000	+30
18000	—
20000	—
22000	—
25000	—
30000	—
35000	—
40000	—
45000	—
50000	—

Tested by: *Mark Kezman* Date: 2-13-18

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FAA CRS# DKZR372X

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