



# SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service  
Washington, DC

U.S. Department  
of Transportation

**Federal Aviation  
Administration**

CE-07-08  
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<http://www.faa.gov/aircraft/safety/alerts/SAIB>

*This is information only. Recommendations aren't mandatory.*

## Introduction

This Special Airworthiness Information Bulletin (SAIB) advises you of an airworthiness concern for **Cirrus Design Corporation Models SR20 & SR22, Columbia Aircraft Manufacturing Models LC41-550FG & LC42-550FG**, and various

**Piper Aircraft, Inc. model airplanes**, (listed in table 1) concerning Avidyne Service Alert SA-06-003. This SAIB informs you of an available modification to eliminate the possibility of Avidyne Primary Flight display (PFD) misleading attitude and heading information.

**Table 1**

<b>Manufacturer</b>	<b>Model</b>	<b>Serial Numbers</b>
Cirrus Design Corporation	SR20	1337 thru 1612, 1614, 1615, 1617, 1623, 1625 thru 1631, 1633 thru 1638
	SR22	0435 thru 1817, 1820, 1822 thru 1831, 1833 thru 1846, 1848, 1850 thru 1855, 1858 thru 1860, 1862 thru 1865, 1867 thru 1869, 1871, 1873, 1875 thru 1877 1886, 1890, 1902, 1941
Columbia Aircraft Manufacturing	LC41-550FG	41002 thru 41535
	LC42-550FG	42002 thru 42501
Piper Aircraft, Inc.	PA-28-161	2842218 & Up
	PA-28-181	2843598 & Up
	PA-28R-201	2844116 & Up
	PA-32R-301	3246218 & Up
	PA-32R-301T	3257339 & Up
	PA-32-301FT	3232014 & Up
	PA-32-301XTC	S/Ns 3255015 & Up
	PA-34-220T	3449311, 3449323 & Up
	PA-44-180	4496174, 4496224 & Up
	PA-46-350P	4636375 & Up
PA-46-500TP	4697002, 4697198, 4697216 & Up	

## **Background**

Avidyne originally issued Service Alert SA-05-001 informing you of several field reports of PFDs displaying incorrect attitude and heading information. These occurrences were accompanied by a “CROSSCHECK ATTITUDE” alert annunciation within approximately 45 seconds after initiation of the condition.

In response to the Service Alert, we issued SAIB CE-06-07 to advise Cirrus owners of the potential problem and recommend increased attention to standard and emergency operating procedures when flying in Instrument Meteorological Conditions (IMC).

SAIB CE-06-07 advised Cirrus owners that Avidyne was working to find the cause of the problem, and that once the problem was better understood; we might take further airworthiness action in the future. This SAIB is the follow-up action.

## **Recommendation**

Please review the list in Table 1 to determine if your airplane manufacturer, model, and serial number may have one of the Avidyne part numbers covered by Service Alert SA-06-003. If your airplane is contained within the list, and an Avidyne PFD is installed in your airplane, you should determine the PFD part number and serial number. Then call Avidyne at 1-888-723-7592 to determine if your PFD needs to be scheduled to have the modification accomplished or if the modification has already been performed during previous maintenance. If your PFD is eligible for the modification, as described in Avidyne Service Alert SA-06-003, we highly recommend you do the modification.

## **For Further Information Contact**

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