

# SANDEL <sup>(F)</sup>

July 16, 2015

Federal Aviation Administration  
Los Angeles Aircraft Certification Office  
3960 Paramount Blvd.  
Lakewood, CA 90712

<b>FAA ACTION</b>		
<b>Los Angeles Aircraft Certification Office</b>		
<input type="checkbox"/> Approve	<input type="checkbox"/> EASA CS	<input type="checkbox"/> JAR's
<input type="checkbox"/> Reject	<input type="checkbox"/> CAR's	
<input type="checkbox"/> Acknowledge	<input type="checkbox"/> Concur	<input checked="" type="checkbox"/> Accept
TSO/Project #'s _____		
Comments: <u>TSO minor software</u> <u>Update 1.09 to A1.09</u>		
Branch#	Concurrence	Date
<u>130L</u>	<u>GC</u>	<u>9/14</u>
FAA Staff Spec.	Phone	Date

Attention: Haifa Haj-Fid, Manager, Technical and Admin. Support Staff, ANM-103L

Subject: Sandel SA4550 Primary Attitude Display, TSO Minor Software Update 1.09 to A1.09

Dear Ms. Haifa Haj-Eid:

This letter is to advise that minor software change has been made to the Sandel SA4550 Primary Attitude Display.

The software changes from TSO authorized software part number 82010-90 version 1.09 to the current version A1.09 are described in the attachments. The previously approved DO-178B and DO-254 documentation has been revised only in those areas that are affected by this change. As part of this revision, the source code, analysis data, and verification data, were revised as required and the required tests were performed.

I hereby certify that the article listed above has been tested and meets the performance standards of TSO-C113, "Airborne Multipurpose Electronics Displays", and incomplete TSO-C3d, -C4c, -C34e, -C36e and -C52b and the applicable parts of FAR Part 21.

Sincerely,



Gerry Block,  
President, Sandel Avionics

Control No.: 130L/3026/15

Date Due: 9/20/15

G. S. Abdullah  
9/14/15

RECEIVED  
Los Angeles Aircraft  
Certification Office  
JUL 21 2015

Action \_\_\_\_\_  
Date Ans. \_\_\_\_\_  
File Code: \_\_\_\_\_

- Attachment A: 82010-0154-01 Revision A "Hardware Configuration Index
- Attachment B: 82010-0155 Revision A "Hardware Accomplishment Summary
- Attachment C: 82010-0153-01 Revision A "Hardware Change Impact Analysis"
- Attachment D: 82010-1117-01 Revision A "Software Configuration Index
- Attachment E: 82010-1121 Revision A "Software Accomplishment Summary
- Attachment F: 82010-8111-01 Revision A "Software Change Impact Analysis For Model SA4550 Primary Attitude Display Software Version 1.09 to A1.09"
- Attachment G: 82010-IM-H SA4550 Installation Manual