



U.S. Department
of Transportation

**Federal Aviation
Administration**

FEB 01 2008

Sandel Avionics Inc.
Mr. Gerald Block
2401 Dogwood Way
Vista, California 92081

**Transport Airplane Directorate
Los Angeles Aircraft
Certification Office**

3960 Paramount Boulevard
Lakewood, California 90712-4137

Dear Mr. Block

Sandel Avionics Inc., SG102 Attitude Heading Reference System

This is in reply to your letter dated February 1, 2008, requesting TSO authorization for your Attitude Heading Reference System. The statement of conformance to TSO C4c, C6d and the submitted data are accepted. Effective the date of this letter, you are authorized to identify the following Computer Unit with the marking requirements defined in Title 14 Code of Federal Regulations (14 CFR) part 21.607 (d) and in TSO C4c and C6d.

Description	Part Number/Software
SG102 Attitude Heading Reference System	SG102-(xxx), P/N: 82011-90 Version: 1.00

Your Quality Control System, as defined in your Quality Control Manual, currently on file at the Los Angeles Manufacturing Inspection District Office, is considered satisfactory for production of this article at your Vista, California facility.

As required by the TSO, the following statement must be furnished with each manufactured unit:

“The conditions and tests required for TSO approval of this article are minimum performance standards. It is the responsibility of those installing this article either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the TSO standard. TSO articles must have separate approval for installation in an aircraft. The article may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements.”

Any design changes to this TSO article must be forwarded to this office as outlined in 14 CFR § 21.611(a) with minor changes submittal intervals not to exceed six months. Notification of changes should be made prior to shipment. As recipient of this authorization, you are required to report any failure, malfunction, or defect relating to this authorization in accordance with the provisions of 14 CFR § 21.3. The report should be communicated initially by telephone to the Manager, Technical and Administrative Support Staff, ANM-103L, (562) 627-5300, within 24 hours after it has been determined the failure has occurred and followed up with a written notice.

This letter also constitutes a deviation approval that authorizes Sandel Avionics Inc., to use Environmental Standard, RTCA Document No. DO-160C or latest Revision and DO-178b.

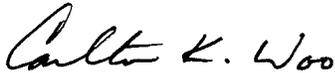
FAA Form 8010-4 (Malfunction or Defect Report) or other appropriate format is acceptable in transmitting the required details.

This authorization is not transferable to another person or location and is effective until surrendered, withdrawn, or otherwise terminated by the Administrator. This authorization pertains only to manufacturing operations at the above address. This office must be notified at least 30 days in advance of any proposed facility relocation to preclude interruption while awaiting quality control approval of that facility. As required by 14 CFR § 21.613(b), you must also notify the FAA when you no longer manufacture a TSO approved article.

Please note that technical data retained by the FAA may be subject to Freedom of Information Act (FOIA) request. As such, this office will notify you of all such request pertaining to your data and afford you the opportunity to defend the release of the data.

If you have any questions regarding this authorization, please contact Mr. Carlton Woo, Manager, Technical & Administrative Support Staff, at telephone number (562) 627-5300, by e-mail carlton.woo@faa.gov, or by fax (562) 627-5210.

Sincerely,



Carlton K Woo
Manager, Technical and Administrative
Support Staff