



U.S. Department
of Transportation
**Federal Aviation
Administration**

New England Region

Boston Aircraft Certification Office
12 New England Executive Park
Burlington, MA 01803-5299

NOV 19 2012

In reply refer to: NR/sn/8/15/2012-676

Mr. Markus Görnemann
Certification Manager Parts & Appliances
European Aviation Safety Agency (EASA)
Postfach 10 12 53
D-50452 Köln
Germany

Dear Mr. Görnemann:

This is in reply to EuroAvionics Navigationssysteme GmbH & Co. KG letter dated July 25, 2012, for a Technical Standard Order (TSO) design approval. We acknowledge receipt of the European Aviation Safety Agency (EASA) letter Reference MGO/bbr/C1(5)/2012/(D)/53549, dated August 2, 2012, stating that the article complies with the requirements of TSO-C113 and C165, and that EASA assumes responsibility of oversight of the production of the article. We accept EuroAvionics Navigationssysteme GmbH & Co. KG statement certifying, in accordance with 14 CFR 21.621, that the Digital Moving Map listed below complies with the requirements of TSO-C113 and C165 and 14 CFR part 21 subpart O.

Based on the EASA certifying statement, we accept EuroAvionics Navigationssysteme GmbH & Co. KG TSO design approval to include the Digital Moving Map listed below for manufacture at EuroAvionics Navigationssysteme GmbH & Co. KG located at Karlsruher Strasse 91, 75179 Pforzheim, Germany.

Approved Model/Part Number

Description

P/N 215.(XXX)-(XX)1

Digital Moving Map with Software
version 1.01 or higher 1.XX

This letter of design approval (LODA), together with the EASA Certificate of Airworthiness for Export, authorizes EuroAvionics Navigationssysteme GmbH & Co. KG to identify the Digital Moving Map with the TSO marking requirements described in 14 CFR § 45.15(b) and in TSO-C113 and C165. We issue the LODA in accordance with 14 CFR § 21.621 governing issuance of TSO design approval for import articles. Each item must be accompanied by a certification of airworthiness for export issued by the EASA or a duly authorized designee/organization (14 CFR § 21.502(a)).

EuroAvionics Navigationssysteme GmbH & Co. KG must furnish the following statement to the original owner or installer of each article or multiple articles, if furnished to one source:

The conditions and tests required for TSO approval of this article are minimum performance standards. Those installing this article either on or within a specific type or class of aircraft must determine that the aircraft installation conditions are within the TSO standards which include any accepted integrated non-TSO functions standards. TSO articles and any accepted integrated non-TSO function(s) must have separate approval for installation in an aircraft. The article may be installed only according to 14 CFR part 43 or the applicable airworthiness requirements.

The deviations to use RTCA/DO-160F in lieu of DO-160B and to use RTCA/DO-178B in lieu of DO-178A are approved.

This LODA, issued under 14 CFR 21.621, is effective until surrendered, withdrawn, or otherwise terminated by the FAA under the provisions of 14 CFR 21.613. You, as the holder of this LODA, may not transfer it as stated in 14 CFR 21.614. The EASA airworthiness certification and production surveillance is essential in establishing and maintaining that this article meets TSO-C113 and C165. With notice, we may withdraw this LODA if we find articles are not in compliance with the applicable TSO under the provisions of 14 CFR 21.2.

Without further FAA approval, we don't allow EuroAvionics Navigationssysteme GmbH & Co. KG to mark articles if the company's name, address, or ownership changes. EuroAvionics Navigationssysteme GmbH & Co. KG must notify the FAA through the EASA of proposed company name, address, or ownership changes.

Please note that technical data the FAA retains may be subject to Freedom of Information Act (FOIA) request. This office will notify you of any request(s) pertaining to your data and give you the opportunity to protect the data from public disclosure.

If you have any questions regarding this authorization, contact Mr. Nicholas Rediess at 781-238-7159 or email nicholas.rediess@faa.gov.

Sincerely,



Robert G. Mann
Manager, Boston Aircraft Certification Office