

procurements by private Korean companies, improper promotion of domestic manufacturing of high technology telecommunications products, and limitations on foreign ownership of telecommunications services. As described below, over the last twelve months, Korea has conducted multilateral and bilateral negotiations with the United States and made measurable progress in eliminating the objectionable acts, policies, and practices which were the subject of the specific negotiating objectives determined by USTR:

(1) Korea participated in the successful conclusion of the Information Technology Agreement (ITA), negotiated under the auspices of the World Trade Organization (WTO), which was concluded in December 1996. Under the ITA, Korea will eliminate in stages tariffs and customs duties on an agreed package of information technology products, including telecommunications equipment. Korea will reduce tariffs to zero by the year 2000 for all covered products, except for thirteen items for which tariffs will be reduced to zero by 2004. These tariff eliminations will increase market access in Korea for U.S. suppliers of telecommunications goods.

(2) Korea also participated in the successful conclusion in February 1997 of the WTO basic telecommunications services negotiations. Beginning in January 1998, Korea will allow increased foreign ownership of domestic telecommunications services companies and adopt a number of transparent and pro-competitive regulatory principles. These commitments will enhance competition in the Korean telecommunications services sector and provide new opportunities for U.S. investors and services operators, as well as equipment suppliers.

(3) The Korean Ministry of Information and Communication (MIC) issued a policy statement on July 14, 1997 clarifying recent revisions of government practices, procedures and objectives in the telecommunications sector. The policy statement provides guidance to domestic and foreign telecommunications goods and services suppliers in Korea and enhances transparency by correcting misperceptions regarding the treatment of foreign suppliers. The specific policies embodied in the MIC policy statement include: national treatment and non-discrimination for foreign companies; government non-intervention in private sector procurement; transparent procedures on services licensing, equipment certification and type approval; foreign

ownership limitations; the protection of intellectual property and proprietary information; technology transfer; satellite services authorization; pro-competitive regulatory measures; and the evolving role of the Korean Communications Commission to further promote and protect fair competition in the Korean market.

The United States will continuously monitor Korea's adherence to the above commitments and will enforce them, as appropriate, under U.S. trade laws and applicable WTO procedures to ensure effective implementation.

#### **Public Comment: Requirements for Submissions**

Pursuant to the Act, this notice invites written comments from interested parties on the proposed action. Submissions are to be received in writing by not later than 5:00 p.m. on August 8, 1997 and must be in English and provided in five (5) copies. A person requesting that information contained in a comment submitted by that person be treated as confidential business information must certify that such information is business confidential and would not customarily be released to the public by the commenter. Confidential business information must be clearly marked "BUSINESS CONFIDENTIAL" in a contrasting color ink at the top of each page of each copy. A person requesting that information or advice contained in a comment submitted by that person, other than business confidential information, be treated as confidential in accordance with section 135(g)(2) of the Trade Act of 1974 (19 U.S.C. 2155)—

(1) Must so designate that information or advice;

(2) Must clearly mark the material as "SUBMITTED IN CONFIDENCE" in a contrasting color ink at the top of each page of each copy; and

(3) Is encouraged to provide a non-confidential summary of the information or advice.

The Office of the USTR will maintain a file on this issue, accessible to the public, in the USTR Reading Room: Room 101, Office of the United States Trade Representative, 600 17th Street, N.W., Washington, D.C. 20508. The public file will include a listing of any comments received by the Office of the USTR from the public with respect to this proposal. An appointment to review the public file may be made by calling Brenda Webb, (202) 395-6186. The USTR Reading Room is open to the public from 9:30 a.m. to 12 noon and

1:00 p.m. to 4:00 p.m., Monday through Friday.

**Irving Williamson,**

*Acting General Counsel.*

[FR Doc. 97-19556 Filed 7-21-97; 3:59 pm]

BILLING CODE 3190-01-M

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## **DEPARTMENT OF TRANSPORTATION**

### **Federal Aviation Administration**

#### **Airborne Global Positioning System Antenna**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Notice of availability for public comment.

**SUMMARY:** This notice announces the availability of and requests comments on a proposed Technical Standard Order pertaining to airborne Global Positioning System (GPS) antenna. The proposed TSO prescribes the performance standards that manufacturer-specified appliances must meet to be identified with the marking "TSO-C144."

**DATES:** Comments must identify the TSO file number and be received on or before October 30, 1997.

**ADDRESSES:** Send all comments on the proposed technical standard order to: Technical Programs and Continued Airworthiness Branch, AIR-120, Aircraft Engineering Division, Aircraft Certification Service—File No. TSO-C144, Federal Aviation Administration, 800 Independence Avenue, SW, Washington, DC 20591. Or deliver comments to: Federal Aviation Administration, Room 815, 800 Independence Avenue, SW, Washington, DC 20591.

**FOR FURTHER INFORMATION CONTACT:** Ms. Bobbie J. Smith, Technical Programs and Continued Airworthiness Branch, AIR-120, Aircraft Engineering Division, Aircraft Certification Service, Federal Aviation Administration, 800 Independence Avenue, SW, Washington, DC 20591, Telephone (202) 267-9546.

#### **Comments Invited**

Interested persons are invited to comment on the proposed TSO listed in this notice by submitting such written data, views, or arguments as they desire to the above specified address. Comments received on the proposed technical standard order may be examined, before and after the comment closing date, in Room 815, FAA Headquarters Building (FOB-10A), 800 Independence Avenue, SW,

Washington, DC 20591, weekdays except Federal holidays, between 8:30 a.m. and 4:30 p.m. All communications received on or before the closing date for comments specified above will be considered by the Director of the Aircraft Certification Service before issuing the final TSO.

### Background

At the request of the FAA, the RTCA, Incorporated Special Committee, SC-159, convened to develop standards for the use of the Global Positioning System. The recommendations of this committee provide the basis for the October 20, 1995 publication of the *Minimum Operational Performance Standards for Global Navigation Satellite System (GNSS) Airborne Antenna Equipment*, RTCA/DO-228, which is the foundation for the requirements set forth in this proposed Technical Standard Order.

The standards of proposed TSO-C144 apply to antenna used in airborne GPS applications to provide signals to a GPS (or Wide Area Augmentation System) sensor or system, which will then provide flight path deviation commands for use by either the pilot or autopilot. Proposed TSO-C144 does not address the use of signals received through this antenna for any other applications.

### Marking

To fulfill the requirements of 14 CFR 21.607(d), the manufacturer would have to permanently and legibly mark at least one major component of the article with the markings listed in that paragraph. In addition to the requirements of 14 CFR 21.607, this TSO proposes requirements for marking of separate components. Each separate component would have to be permanently and legibly marked with the name of the manufacturer, manufacturer's part number, and the TSO number.

If the component includes software, the part number would have to include the hardware and software identification; that part number would have to uniquely identify the hardware and software design, including the modification status. Separate part numbers would be acceptable for hardware and software.

### Data Requirements

The proposed TSO has the following technical data submittal requirements to comply with 14 CFR 21.605(a)(2):

1. Operating instructions and equipment limitations. The limitations shall be sufficient to describe the operational capacity of the equipment.
2. Installation procedures and limitations. The limitations shall be

sufficient to ensure that the article, when installed in accordance with the installation procedures, continues to meet the requirements of this TSO. The limitations shall also be sufficient to identify any unique aspects of the installation. The limitations shall include at least the following:

- a. A note with the following statement:

"The conditions and tests required for TSO approval of this article are minimum performance standards. It is the responsibility of those desiring to install this article either on or within a specific type or class of aircraft to determine that the article, when installed, performs in accordance with the design specifications that meet this TSO. The article may be installed only if further evaluation by the applicant documents an acceptable installation and is approved by the Administrator."

- b. Specification of whether the antenna incorporates a preamplifier.
- c. The currents and voltages induced by high current tests of paragraph 23.6.3 of RTCA/DO-160C must be specified so that compatibility with a receiver can be verified at installation.

- d. When applicable, identification that the article is an incomplete system or a multi-use system. This must describe the functions that are intended to be provided by the article.

3. Schematic drawings as applicable to the installation procedures.

4. Wiring drawings as applicable to the installation procedures.

5. Specifications.

6. List of the components (by part number) that make up the equipment system complying with the standards prescribed in this TSO.

7. Instructions for periodic maintenance and calibration which are necessary to define the article's design.

8. An environmental qualifications form as described in RTCA/DO-160C for each component of the system.

9. Manufacturer's TSO qualification test report.

10. Nameplate drawing.

11. A drawing list, enumerating all of the drawings and processes that are necessary to define the article's design.

12. If the article includes software: Plan for Software Aspects of Certification (PSAC), Software Configuration Index, and Software Accomplishment Summary.

**Note:** The FAA recommends that the PSAC be submitted early in the software development process. Early submittal will allow timely resolution of issues such as partitioning and determination of software levels.

Note that there is also data that must be made available upon the request of

the ACO manager. They are listed in Paragraph 5 of proposed TSO C-144.

### Data to be Furnished with Manufactured Articles

The proposed TSO would require the TSOA holder to provide the article purchaser with certain data described in Paragraph 5 of proposed TSO C-144.

### How to Obtain Copies

A copy of the proposed TSO-C144 may be obtained via Internet (<http://www.faa.gov/avr/air/100home.htm>) or on request from the office listed under "For Further Information Contact." Copies of RTCA Document No. DO-228, "Minimum Operational Performance Standards for Global Navigation Satellite System (GNSS) Airborne Antenna Equipment", dated October 20, 1995, may be purchased from RTCA, Inc., 1140 Connecticut Avenue, NW, Suite 1020, Washington, DC 20036.

Issued in Washington, DC on July 17, 1997.

**John K. McGrath,**

*Manager, Aircraft Engineering Division,  
Aircraft Certification Service.*

[FR Doc. 97-19357 Filed 7-22-97; 8:45 am]

BILLING CODE 4910-13-M

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### Airborne Navigation Sensors Using the Global Positioning System (GPS) Augmented by the Wide Area Augmentation System (WAAS)

**AGENCY:** Federal Aviation Administration.

**ACTION:** Notice of availability for public comment.

**SUMMARY:** This notice announces the availability of and requests comments on a proposed Technical Standard Order pertaining to airborne navigation sensors using GPS augmented by WAAS. The proposed TSO prescribes the performance standards that manufacturer-specified appliances must meet to be identified with the marking "TSO-C145."

**DATES:** Comments must identify the TSO file number and be received on or before October 30, 1997.

**ADDRESSES:** Send all comments on the proposed technical standard order to: Technical Programs and Continued Airworthiness Branch, AIR-120, Aircraft Engineering Division, Aircraft Certification Service—File No. TSO-C145, Federal Aviation Administration, 800 Independence Avenue, SW, Washington, DC 20591. Or deliver comments to: Federal Aviation