

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****Proposed Technical Standard Order (TSO)—C135, Transport Airplane Wheels and Wheel and Brake Assemblies**

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of availability of proposed technical standard order and request for comments.

SUMMARY: This notice announces the availability of and request comments on a proposed technical standard order (TSO) pertaining to transport airplane wheels and wheel and brake assemblies. The proposed TSO prescribes the minimum performance standards that transport category airplane wheels and wheel and brake assemblies must meet to be identified with the applicable TSO marking. This notice provides interested persons an opportunity to comment on the proposed TSO concurrently with a notice of proposed rulemaking and a proposed advisory circular on the same subject, published elsewhere in this issue of the **Federal Register**.

DATES: Comments must be received on or before November 8, 1999.

ADDRESSES: Send all comments on the proposed technical standard order to the Federal Aviation Administration, Attention: Mahinder Wahi, Propulsion/Mechanical Systems Branch, ANM-112, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA 98055-4056. Comments may be examined at the above address between 7:30 a.m. and 4:00 p.m. weekdays, except Federal holidays.

FOR FURTHER INFORMATION CONTACT: Mahinder Wahi, at the above address, telephone (425) 227-2142; facsimile (425) 227-1320; e-mail mahinder.wahi@faa.gov.

SUPPLEMENTARY INFORMATION:**Comments Invited**

Interested persons are invited to comment on the proposed TSO by submitting such written data, views, or arguments as they desire to the above specified address. Comments must identify the title and number of the TSO (TSO-C135) and submit comments in duplicate to the address specified above. All comments received on or before the closing date for comments will be considered by the Director, Aircraft Certification Service, before issuing the final TSO.

Background

As stated above, this proposed TSO prescribes the minimum performance standards that transport category airplane wheels and wheel and brake assemblies must meet to be identified with the applicable TSO marking. Information provided in an appendix to the TSO include the minimum performance specifications, general design specifications, minimum performance under standard test conditions, and data requirements.

The material contained in the proposed TSO was developed by the Braking Systems Harmonization Working Group of the Aviation Rulemaking Advisory Committee to ensure consistent application of the standards proposed under separate notice, "Revision of Braking Systems Airworthiness Standards to Harmonize with European Airworthiness Standards to Harmonize with European Airworthiness Standards for Transport Category Airplanes," and a corresponding proposed Advisory Circular (AC-25.735-IX, "Brakes and Braking Systems Certification Tests and Analysis" published elsewhere in this issue of the **Federal Register**. The corresponding advisory material and TSO developed by the JAA are AMJ 25.735 and JTSA-C135.

How To Obtain Copies

A copy of proposed TSO-C135 may be obtained by contacting the person named above under **FOR FURTHER INFORMATION CONTACT**.

Issued in Washington, D.C. on August 3, 1999.

James C. Jones,

Manager, Aircraft Engineering Division, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****Proposed Advisory Circular (AC) 25.735-1X, Brakes and Braking Systems Certification Tests and Analysis**

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of availability of proposed advisory circular and request for comments.

SUMMARY: This notice announces the availability of and requests comments on a proposed advisory circular which provides guidance as to acceptable means of demonstrating compliance

with a separate notice of proposed rulemaking on the subject of brakes and braking systems published elsewhere in this issue of the **Federal Register**. This notice provides interested person an opportunity to comment on the proposed AC concurrently with the proposed rulemaking, as well as a proposed Technical Standard Order on the same subject also published elsewhere in this issue of the **Federal Register**.

DATES: Comments must be received on or before November 8, 1999.

ADDRESSES: Send all comments on the proposed advisory circular to the Federal Aviation Administration, Attention: Mahinder Wahi, Propulsion/Mechanical Systems Branch, ANM-112, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Ave SW., Renton, WA 98055-4056. Comments may be examined at the above address between 7:30 a.m. and 4:00 p.m. weekdays, except Federal holidays.

FOR FURTHER INFORMATION CONTACT: Mahinder Wahi at the above address, telephone (425) 227-2142; facsimile (425) 227-1320; or e-mail mahinder.wahi@faa.gov.

SUPPLEMENTARY INFORMATION:**Comments Invited**

Interested person are invited to comment on the proposed AC by submitting such written data, views, or arguments as they desire to the above specified address. Comments must identify the title of the AC and submit comments in duplicate to the address specified above. All comments received on or before the closing date for comments will be considered by the Transport Airplane Directorate before issuing the final AC.

Discussion

Although 14 CFR part 25 and the Joint Aviation Requirements, JAR-25, are very similar, they are not identical. Differences between the FAR and the JAR can result in substantial additional costs when airplanes are type certificated to both standards. Starting in 1992, the harmonization effort for various systems-related airworthiness requirements was undertaken by the Aviation Rulemaking Advisory Committee (ARAC). A working group (the Braking Systems Harmonization Working Group) of industry and government braking systems specialists from Europe, the United States, and Canada was chartered by notice in the **Federal Register** (59 FR 30080, June 10, 1994). The working group was tasked to develop harmonized standards and any