

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****First Meeting: RTCA Special Committee 207/Airport Security Access Control Systems**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Notice of RTCA Special Committee 207, Airport Security Access Control Systems.

**SUMMARY:** The FAA is issuing this notice to advise the public of a meeting of RTCA Special Committee 207, Airport Security Access Control Systems.

**DATES:** The meeting will be held November 17, 2005, from 9 a.m. – 5 p.m.

**ADDRESSES:** The meeting will be held at RTCA, Inc.—MacIntosh-NBAA & Hilton-ATA Rooms, 1828 L Street, NW., Suite 805, Washington, DC 20036.

**FOR FURTHER INFORMATION CONTACT:** (1) RTCA Secretariat, 1828 L Street, NW., Suite 805, Washington, DC, 20036; telephone (202) 833-9339; fax (202) 833-9434; Web site <http://www.rtca.org>.

**SUPPLEMENTARY INFORMATION:** Pursuant to section 10(a)(2) of the Federal Advisory Committee Act (Pub. L. 92-463, 5 U.S.C., appendix 2), notice is hereby given for a Special Committee 207 meeting. The agenda will include:

- November 17:
- Opening Plenary Session (Welcome, Introductions, and Administrative Remarks).
- Review of previous meeting summary.
- Update by FAA.
- Presentations by TSA/JPDO.
- Presentations by ICAO.
- Discussions on vendor presentations.
- Division of work into subgroups.
- Closing Plenary Session (Other Business, Establish Agenda for Next Meeting, Date and Place of Next Meeting).

Attendance is open to the interested public but limited to space availability. With the approval of the chairmen, members of the public may present oral statements at the meeting. Persons wishing to present statements or obtain information should contact the person listed in the **FOR FURTHER INFORMATION CONTACT** section. Members of the public may present a written statement to the committee at any time.

Dated: October 3, 2005.

**Natalie Ogletree,**

*FAA General Engineer, RTCA Advisory Committee.*

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**BILLING CODE 4910-13-M**

**DEPARTMENT OF TRANSPORTATION****National Highway Traffic Safety Administration**

[Docket No. NHTSA-2005-22653, Notice 1]

**Mercedes-Benz, U.S.A. LLC; Receipt of Application for a Temporary Exemption From Federal Motor Vehicle Safety Standard No. 108**

**AGENCY:** National Highway Traffic Safety Administration (NHTSA), DOT.

**ACTION:** Notice of receipt of application for a temporary exemption.

**SUMMARY:** In accordance with the procedures of 49 CFR 555.6(b), Mercedes-Benz, U.S.A. LLC ("MBUSA") has applied for a Temporary Exemption from S5.5.10 of Federal Motor Vehicle Safety Standard (FMVSS) No. 108. The basis of the application is to facilitate the development and field evaluation of new motor vehicle safety feature providing a level of safety at least equal to that of the standard. We are publishing this notice of receipt of the application in accordance with the requirements of 49 CFR 555.7(a), and have made no judgment on the merits of the application.

**DATES:** You should submit your comments not later than November 7, 2005.

**FOR FURTHER INFORMATION CONTACT:**

George Feygin in the Office of Chief Counsel, NCC-112, (Phone: 202-366-2992; Fax 202-366-3820; E-Mail: [George.Feygin@nhtsa.dot.gov](mailto:George.Feygin@nhtsa.dot.gov)).

**I. Background**

MBUSA petitioned the agency on behalf of its parent corporation, DaimlerChrysler AG.<sup>1</sup> The petition seeks a temporary exemption from S5.5.10 of Federal Motor Vehicle Safety Standard (FMVSS) No. 108. In short, S5.5.10 specifies that with certain exceptions not applicable to this petition, all lamps, including stop lamps must be wired to be steady-burning.<sup>2</sup> In order to develop and evaluate an innovative brake signaling system in the United States, MBUSA seeks a temporary exemption from the "steady-burning" requirement as it applies to stop lamps. This system is currently available in Europe on the S-class, CL-class, and SL-class Mercedes vehicles.

<sup>1</sup> For more information on MBUSA go to <http://www.mbusa.com>.

<sup>2</sup> See S5.5.10 of 49 CFR § 571.108. Turn signal lamps, hazard warning signal lamps, school bus warning lamps must be wired to flash. Headlamps and side marker lamps may be wired to flash for signaling purposes. Motorcycle headlamps may be wired to modulate.

MBUSA states that the system enhances the emergency braking signal by flashing three stop lamps required by FMVSS No. 108 during strong deceleration. In addition, after emergency braking, the system automatically activates the hazard warning lights of the stopped vehicle until it starts to move again or the lights are manually switched off. The petitioner states that this signaling system reduces the following drivers' reaction time by attracting their attention, and also enhances visibility of the stopped vehicle, thus helping to reduce the incidence and severity of rear end collisions.

NHTSA previously denied petitioner's request to permanently amend FMVSS No. 108 to allow flashing brake signaling systems. Among the reasons for the denial was the need for additional data on safety benefits of flashing brake lamps. The petitioner argues that granting this temporary exemption would allow them to provide the information NHTSA found lacking.

MBUSA requests a two-year exemption period. In accordance with the requirements of 49 CFR § 555.6(b)(5), MBUSA will not sell more than 2,500 exempted vehicles in any twelve-month period within the two-year exemption period. For addition details, please see the MBUSA petition at <http://dms.dot.gov/search/searchFormSimple.cfm>, Docket No. NHTSA-2005-22653. The following (Parts II-VI) summarizes MBUSA's petition in relevant part.

**II. Description of the New Motor Vehicle Safety Feature**

The petitioner states that its brake signaling system provides two innovative safety-enhancing features.

First, three stop lamps required by FMVSS No. 108 flash at a frequency of 5 Hz in the event of strong deceleration. This occurs if the velocity is >50 km/h (31 mph) and at least one of the following conditions is met:

1. Deceleration is >7 m/s<sup>2</sup>; or
2. The brake assist function is active;

or

3. The Electronic Stability Program (ESP) control unit detects a panic braking operation.

The petitioner states that the activation criteria ensures that the enhanced brake signals are only activated when truly needed. Thus, the brake lights will flash only in severe braking situations, and will flash at a relatively high frequency that allows for fast recognition. Further, using the panic brake signal from the ESP control unit as a trigger would activate the system only when the achievable