

ORDER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

1110.136

07/02/03

SUBJ: FLIGHT SIMULATION DEVICE AVIATION RULEMAKING COMMITTEE

1. **PURPOSE.** This order constitutes the charter for the Flight Simulation Device (FSD) Aviation Rulemaking Committee, referred to herein as the Committee, that is designated and established pursuant to the Administrator's authority under 49 USC 106(p)(5).

2. **DISTRIBUTION.** This order is distributed at the director level in Washington headquarters and throughout the Office of the Associate Administrator for Regulation and Certification.

3. **BACKGROUND.** As the state-of-the-art in simulator technology has advanced, more effective use has been made of the airplane simulator in training, checking, and certification of flightcrew members. Using flight simulators rather than airplanes in training allows for more in-depth training, including the practice of critical emergency procedures, in a safer environment. Not only do simulators provide improvements in safety and in safer training operations, they also provide such benefits as reducing noise, air pollution, and air traffic congestion, and conserving petroleum resources.

4. **OBJECTIVES AND SCOPE.** This Committee will provide a forum for the Federal Aviation Administration (FAA) and the aviation community to discuss and resolve issues regarding FSDs.

a. The general goal of the Committee is to provide advice, guidance, and recommendations on FSD issues including but not limited to safety of flight issues; the suitability and/or the application of the simulation to flight crewmember training, testing, or checking activities; and implementation of technical changes or scientific advancements in simulation. This Committee provides a forum for the FAA and affected members of the aviation community to discuss issues and develop resolutions to facilitate the evolution of FSDs. This Committee supports the international harmonization process.

b. To achieve these objectives, the Committee's initial task is to review proposed changes to Notice of Proposed Rulemaking, Notice No. 02-11 (Docket No. FAA-2002-12461), published on September 25, 2002 (67 FR 60284). Subsequent tasks will include

providing advice, guidance, and recommendations on proposed changes to the Qualification Performance Standards appendices in 14 CFR part 60.

c. The Associate Administrator for Regulation and Certification will provide definitive tasking statements and assignments to the Committee

5. PROCEDURES.

a. The Committee provides advice and recommendations to the Associate Administrator for Regulation and Certification. The Committee acts solely in an advisory capacity.

b. The Committee will discuss and present whatever input, guidance, and recommendations the members of the Committee consider relevant to disposing of issues tasked to it.

c. The Co-Chairs will determine the earliest time that the Committee members are able to convene to discuss the initial task assigned to the Committee. The Co-Chairs will conduct such meetings of the Committee as are deemed appropriate to dispose of issues tasked to it.

6. ORGANIZATION AND ADMINISTRATION.

a. The current chair of the Air Transport Association's Simulation Technical Issues Group (STIG) and the current Manager of the FAA's National Simulator Program staff will serve as Co-Chairs of the Committee.

b. The Associate Administrator for Regulation and Certification is the sponsor of the Committee and will have the sole discretion to accept or reject the members of the Committee, as proposed by the Committee co-chairs, and to increase or decrease the number of participants on the Committee. The Committee will consist of members of the aviation community representative of various viewpoints.

c. The Associate Administrator for Regulation and Certification will receive all Committee recommendations and reports. The Flight Standards Service will provide administrative support for the Committee and will provide the designated Federal official (FAA co-chair) for the Committee.

d. The Co-Chairs will:

- (1) Determine, in coordination with the other members of the Committee, when a meeting is required and where it will be held.
- (2) Arrange notification to all Committee members of the time and place for any meeting.

(3) Formulate an agenda for each meeting and conduct the meeting.

(4) Make requests to the Associate Administrator for Regulation and Certification for the attendance of other FAA employees at a meeting of the Committee.

e. The Committee is not required to keep minutes, but may elect to do so.

7. MEMBERSHIP.

a. Committee size will be approximately 20 members, including the co-chairs, a technical representative from the National Simulator Program, and a representative from the FAA's Office of Rulemaking. The Associate Administrator for Regulation and Certification may wish to have a representative from the FAA's Chief Counsel's office in attendance at Committee meetings to provide legal advice regarding any recommendations that may be made and a representative from the Office of Policy and Plans to provide economic advice. In addition, the Associate Administrator for Regulation and Certification may wish to have an observer from the Joint Aviation Authorities (JAA) attend Committee meetings.

b. Members of the Committee will be chosen by the Committee co-chairs, with the concurrence of the Associate Administrator for Regulation and Certification, and will form a representative cross-section of that segment of the simulation industry most closely associated with the issue at hand or most able to provide meaningful input to such deliberations.

c. Legal, economic, administrative, or contractual support provided by the FAA is not part of the Committee size. In addition, a JAA observer is not part of the Committee size.

8. COST AND COMPENSATION. The estimated cost to the Federal government of the FSD Aviation Rulemaking Committee is approximately \$5,000 annually. Non-Government representatives serve without Government compensation and bear all costs related to their participation on the Committee. As non-Government representatives, the Chair and all non-FAA Committee members serve without Government compensation and bear all costs related to their participation on the Committee.

9. PUBLIC PARTICIPATION. The Committee's meetings are generally not open to the public; however, anyone in attendance other than those listed in paragraph 7.b., above, may make comments or provide input, but such comment or input must be made through one of the Committee members.

10. AVAILABILITY OF RECORDS. Subject to the conditions of the Freedom of Information Act, 5 U.S. C. Section 522, records, report, agendas, working papers, and other documents that are made available to or prepared for or by the Committee will be available for public inspection and copying at the FAA Office of Rulemaking, 800 Independence Avenue, SW., Washington, D.C. 20591. Fees will be charged for

information furnished to the public in accordance with the fee schedule published in part 7 of title 49, Code of Federal Regulations.

11. PUBLIC INTEREST. The formation of the FSD Aviation Rulemaking Committee is determined to be in the public interest in connection with the performance of duties imposed on the FAA by law.

12. EFFECTIVE DATE AND DURATION. This Committee is effective on July 02, 2003. The Committee will remain in existence until July 02, 2005, unless sooner terminated or extended by the Administrator.


Marion C. Blakey
Administrator