

INTERNATIONAL CIVIL AVIATION ORGANIZATION

RADIO NAVIGATION AIDS FLIGHT TEST SEMINAR

(Rio de Janeiro, Brazil, 26 to 30 November 2001)

DRAFT AGENDA

- Agenda Item 1: ICAO flight inspection procedures
- Agenda Item 2: Flight tests in the CAR/SAM Region and regional cooperative arrangements
- Agenda Item 3: New technologies and methods for testing of radio navigation aids
- Agenda Item 4: GNSS testing

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EXPLANATORY NOTES

Agenda Item 1: ICAO Flight Inspection Procedures

ICAO, through the Testing of Radio Nav aids Study Group (TRNSG), is developing the new *Manual on Testing of Radio Navigation Aids* (Doc 8071). Participants will receive information on the current testing procedures for radio navigation aids, as contained in the new edition of Doc 8071, Volume I.

Agenda Item 2: Flight tests in the CAR/SAM Region and regional cooperative arrangements

Participants will become aware of the current situation in the provision of radio navigation aid flight tests in the CAR/SAM Regions. CAR/SAM States are expected to present material on the infrastructure available to carry out flight tests and on the status of radio navigation aids and their testing. Also the Regional Offices will present information in this respect.

Under this item, examples will be given of regional cooperative arrangements for nav aids flight tests, and proposals from specialized regional centers to perform this task will be considered.

Agenda Item 3: New technologies and methods for testing of radio navigation aids

Information will be presented on the new systems and methods used for radio nav aids testing. Representatives from the manufacturing industry are expected to make presentations and perform demonstrations of the equipment.

Agenda Item 4: GNSS testing

Overview of GNSS standards in ICAO Annex 10 will be presented followed by presentation of testing procedures being developed by TRNSG for the new Volume II of Doc 8071. These include testing of GNSS based non-precision approach procedures (NPA), as well as testing of satellite-based augmentation system (SBAS) and ground-based augmentation system (GBAS). CAR/SAM States and the United States FAA experiences in GNSS testing will be discussed.