

NOTICE WITH RESPECT TO THE EVALUATION OF FLIGHT SIMULATION TRAINING DEVICES

1. Regulation 61.01.13, 61.01.18, Document SA-CATS-FCL 61 and Appendix C to Document SA-CATS-FCL 61 of the SA Civil Aviation Regulations, 1997 requires that that the Director (Commissioner) approves Flight Simulation Training Devices (FSTD) for use.
2. Appendix C to Document SA-CATS-FCL 61 contains the following restriction:

Appendix C

CLASSIFICATION AND APPROVAL OF FSTD'S

3. Simulators classification

- 3.3 The FAA, JAA and Australian requirements form the foundation for this classification system that categorizes them as:

d) Flight Simulator

A full size replica of a specific type or make, model and series of aeroplane flight deck, including the assemblage of equipment and computer software programmes necessary to represent the aeroplane in ground and flight operations, a visual system providing an out of the flight deck view and a force cueing motion system. It is in compliance with the minimum standards for Flight Simulator qualification. **This category is not covered by this document as it falls under Part 121 and an established classification and approval system.**

3. The CAA, has during 2010, with the assistance of a formally established CARCOM sub-committee workgroup developed a standard for the evaluation/qualification of Flight Simulators. This document which is aeroplane (A) specific is titled SACAA-FSTD A.
4. SACAA-FSTD A is a basic harmonization of the JAR-FSTD A and the FAA Part 60 for the Qualification of FSTDs according to the Qualification Criteria used for the Initial Qualification of the FSTD in South Africa.
5. The content was prepared using the expertise available in this field as well as the ICAO Document 9625, the Manual for the Qualification of Flight Simulators' and added to where necessary by making use of existing JAR-FSTD A regulations and the Federal Aviation Requirements of the United States of America where acceptable.
6. SACAA-FSTD A will during the course of 2011, be incorporated as a technical standard into a new proposed Part to the Civil Aviation Regulations – Part 60.
7. It is envisaged that Part 60 will supersede any previous FSTD regulation or technical standard.

DECISION BY THE DIRECTOR OF CIVIL AVIATION

8. On 3 February 2011, The Director for Civil Aviation decided that in the absence of an established classification and approval system as required by Paragraph 3.3(d) of Appendix C to SA-CATS-FCL 61, that the standard that would be applied for Flight Simulators is the standard contained in SACAA-FSTD A.
9. The CAA can supply a copy of this document in PDF format, on request to simulators@caa.co.za.
10. Appendix C to Document SA-CATS FCL 61 remains in force for all other FSTDs not classified by the term 'Flight Simulator' defined in Paragraph 3.3(d) of Appendix C to SA-CATS-FCL 61.