

Civil Aviation Amendment Order (No. 2) 2004

I, WILLIAM BRUCE BYRON, Director of Aviation Safety, on behalf of CASA, issue the following Civil Aviation Order under regulation 303A of the *Civil Aviation Regulations 1988*.

[Signed Bruce Byron]

Bruce Byron
Director of Aviation Safety and
Chief Executive Officer

18 March 2004

1 Name of Order

This Order is the Civil Aviation Amendment Order (No. 2) 2004.

2 Commencement

This Order commences on gazettal.

3 Replacement of section 45.0 of the Civil Aviation Orders

Section 45.0 of the Civil Aviation Orders is omitted and a new section substituted as set out in Schedule 1.

Schedule 1 Amendment of section 45.0 of the Civil Aviation Orders

1 Section 45.0

substitute

SECTION 45.0 FLIGHT CREW STANDARDS — SYNTHETIC TRAINERS — GENERAL

1 APPLICABILITY

This section specifies conditions for the approval under the *Civil Aviation Regulations 1988* (CAR 1988) of synthetic trainers.

2 DEFINITIONS

In this section, unless the contrary intention appears:

accreditation check means the testing of a synthetic trainer for the purpose of approving it and assigning a category to it in accordance with subsection 3.

accreditation test guide means a document which contains a group of synthetic trainer tests compiled by the operator and approved by CASA.

approved synthetic trainer means a synthetic trainer approved by CASA for the purpose of gaining credits.

credit means an entitlement to complete specified flight time, airwork sequences and recent experience requirements by means of an approved synthetic trainer.

Note: More detailed definitions appear in the CASA publication “FSD-2 Operational Standards and Requirements — Approved Synthetic Trainers”. For definitions of ***synthetic flight trainer*** and ***synthetic trainer***, see CAR 1988.

3 ACCREDITATION OF A SYNTHETIC TRAINER

3.1 An application for an accreditation check of a synthetic trainer must be made to CASA. The application must contain information as detailed in the CASA publication “FSD-2 Operational Standards and Requirements — Approved Synthetic Trainers” (CASA publication FSD-2).

3.2 CASA, after a review of the application, must arrange with the operator to carry out the accreditation check. The operator must ensure that the arrangements for the accreditation check are in accordance with the CASA publication FSD-2. Any defects noted during the conduct of the accreditation check must be noted in the

accreditation test guide. The completed accreditation test guide must be retained with the synthetic trainer.

3.3 The accreditation check must be carried out by CASA.

3.4 Following the successful completion of an accreditation check, CASA must approve the synthetic trainer and classify it by assigning to it category A, B or C, whichever is the most suitable, having regard to:

(a) the results of the accreditation check; and

(b) the credits appropriate to that category, as set out in CASA publication FSD-2.

4 APPROPRIATE CREDITS

4.1 A list of credits appropriate to the category assigned to an approved synthetic trainer is detailed in subsection 3.3, 3.4 or 3.5 of the CASA publication FSD-2.

5 RECURRENT FIDELITY CHECKS

5.1 CASA must conduct a recurrent fidelity check annually of an approved synthetic trainer.

6 SUSPENSION OR CANCELLATION OF APPROVAL

6.1 Where an operator knows or suspects that the accuracy or realism of an approved synthetic trainer has been degraded he or she must conduct tests and calibration procedures to establish the nature of the deficiency. Any deficiencies so established must be recorded and, if included in the synthetic trainer's minimum equipment list, are taken to suspend the approval until rectification has taken place.

6.2 CASA may suspend or cancel the approval of a synthetic trainer if it determines that the synthetic trainer no longer complies with the operational standards and requirements appropriate to its category.

6.3 A synthetic trainer may not be used for a purpose referred to in this Order if its approval is suspended or cancelled.