

Civil Aviation Amendment Order (No. R16) 2004

I, WILLIAM BRUCE BYRON, Director of Aviation Safety, on behalf of CASA, issue the following Civil Aviation Order under subregulation 244 (2) of the *Civil Aviation Regulations 1988*.

[Signed Bruce Byron]

Bruce Byron
Director of Aviation Safety and
Chief Executive Officer

2 December 2004

1 Name of Order

This Order is the Civil Aviation Amendment Order (No. R16) 2004.

2 Commencement

This Order commences on gazettal.

3 Replacement of section 20.16.2 of the Civil Aviation Orders

Section 20.16.2 of the Civil Aviation Orders is omitted and a new section substituted as set out in Schedule 1.

Schedule 1 Substitution of section 20.16.2 of the Civil Aviation Orders

SECTION 20.16.2

AIR SERVICE OPERATIONS — LOADING — GENERAL

1 APPLICATION

This section applies to all Australian aircraft.

2 DEFINITIONS

Cargo means things other than persons carried in an aircraft.

3 RESTRAINT

- 3.1 Cargo stowed on or above the floor line of compartments occupied by persons and behind any person shall be restrained so as to prevent any article from moving under the maximum accelerations to be expected in flight and in an emergency alighting such as a ditching.
- 3.2 Cargo stowed in areas other than those covered by paragraph 3.1 shall be restrained so as to prevent any article from moving under the maximum accelerations to be expected in flight, in a heavy landing, and in a ground loop.
- 3.3 The strength of the restraint provisions for compliance with paragraphs 3.1 and 3.2 shall be not less than that approved or accepted by CASA for a particular type of aircraft.
- 3.4 Cargo restraint equipment shall be flame resistant.

4 STOWAGE

- 4.1 Cargo shall not be carried in any place where it may damage, obstruct or cause failure of controls, electrical wiring, pipe lines and items of aircraft equipment, essential to the safe operation of the aircraft, unless such items are adequately protected during loading and handling of cargo and during the operation of the aircraft.
- 4.2 Cargo may obstruct an emergency exit where sufficient other emergency exits are available for the number of occupants carried in accordance with the tables in Part 105 and any cargo aft of these exits is restrained in accordance with paragraph 3.1.
 - 4.2.1 Whenever an emergency exit is obstructed, the emergency exit sign for that exit shall be covered or otherwise made ineffective.

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- 4.3 Cargo shall not obstruct an aisle in accordance with subsection 7 of section 20.16.3.
- 4.4 Where cargo is carried in an aircraft (other than a single pilot aircraft) in which an aisle is not required by subsection 7 of section 20.16.3, the cargo shall be stowed:
- (a) so as to ensure that crew members are able to move freely through the aircraft in a substantially upright position; or
 - (b) so as to provide access through the aircraft for the crew members in such other manner as may be approved by CASA.

5 CARGO ON A PASSENGER SEAT

- 5.1 Cargo may be carried on an unoccupied passenger seat. The weight of such cargo shall be evenly distributed over the squab, and shall not exceed 77 kg, except where a seat loading scheme permitting a greater weight is specifically approved by CASA.
- 5.2 Cargo carried on a passenger seat shall be restrained in accordance with the requirements of paragraph 3.

6 CARGO IN PILOT COMPARTMENT

- 6.1 Carriage of cargo in pilot compartments is prohibited except that in aircraft having a maximum take-off weight not more than 5 700 kg, cargo may be carried on an unoccupied control seat.
- 6.2 Cargo carried on a control seat shall not exceed 77 kg in weight unless a seat loading scheme which would permit a greater weight is specifically approved by CASA.
- 6.3 Cargo shall not be carried on a control seat if the cargo or means of restraint would interfere with the operation of the aircraft.
- 6.3.1 When cargo is carried on a control seat, the flight controls relevant to that seat shall be removed where they have been designed for easy removal and the remaining fittings protected so as to prevent interference by the cargo to the operation of the aircraft.
- 6.4 Cargo carried on a control seat shall be restrained in accordance with the requirements of subsection 3.

7 PLACARDING

Cargo shall only be carried in a place or compartment placarded with loading instructions.