



Australian Government
Civil Aviation Safety Authority

**Civil Aviation Amendment Order
(No. 1) 2005**

I, WILLIAM BRUCE BYRON, Director of Aviation Safety, on behalf of CASA, issue the following Civil Aviation Order under subsection 28BA (1) of the *Civil Aviation Act 1988* and subregulation 207 (2) of the *Civil Aviation Regulations 1988*.

[signed by Bruce Byron]

Bruce Byron
Director of Aviation Safety and
Chief Executive Officer

20 January 2005

1 Commencement

This Order comes into effect on the day after registration on the Federal Register of Legislative Instruments.

2 Amendments of Civil Aviation Orders

- 2.1** Schedule 1 amends section 20.18 of the Civil Aviation Orders
- 2.2** Schedule 2 amends section 82.0 of the Civil Aviation Orders.
- 2.3** Schedule 3 amends section 82.1 of the Civil Aviation Orders.
- 2.4** Schedule 4 amends section 82.3 of the Civil Aviation Orders.

Schedule 1 Amendment of section 20.18

1 Subsection 2 (Definitions)

insert

TAWS-B+ system means a terrain awareness and warning system that is equipped with a visual display and complies with the requirements for Class B equipment expressed in TSO-C151, TSO-C151a or TSO-C151b.

2 Paragraph 9.1C

substitute

9.1C A turbine engined aeroplane that:

- (a) has a maximum take-off weight of more than 15 000 kg or is carrying 10 or more passengers; and
- (b) is engaged in charter operations;

must not be operated under the Instrument Flight Rules unless it is fitted with:

- (c) an approved ground proximity warning system (GPWS) that has a predictive terrain hazard warning function; or
- (d) if paragraph 9.1CA applies — a GPWS that meets the requirements of section 108.36 (a section 108.36 GPWS); or
- (e) if the aeroplane has a maximum take-off weight of 5 700 kg or less, but is carrying 10 or more passengers — a TAWS-B+ system.

Schedule 2 Amendment of section 82.0

1 Paragraph 2.1 (definitions)

insert

TAWS-B+ system means a terrain awareness and warning system that is equipped with a visual display and complies with the requirements for Class B equipment expressed in TSO-C151, TSO-C151a or TSO-C151b.

Schedule 3 Amendment of section 82.1

1 Paragraph 5.5

substitute

5.5 An operator who holds a certificate authorising the operation of a turbine engine aeroplane that:

- (a) has a maximum take-off weight of more than 15 000 kg or is carrying 10 or more passengers; and
- (b) is engaged in regular public transport operations;

must ensure that the aeroplane is not operated under the Instrument Flight Rules unless it is fitted with:

- (c) an approved ground proximity warning system (GPWS) that has a predictive terrain hazard warning function; or
- (d) if paragraph 5.6 applies — a GPWS that meets the requirements of section 108.36 (a section 108.36 GPWS); or
- (e) if the aeroplane has a maximum take-off weight of 5 700 kg or less, but is carrying 10 or more passengers — a TAWS-B+ system.

Schedule 4 Amendment of section 82.3

1 Paragraph 10.5

substitute

10.5 An operator who holds a certificate authorising the operation of a turbine engine aeroplane that:

- (a) has a maximum take-off weight of more than 15 000 kg or is carrying 10 or more passengers; and
- (b) is engaged in regular public transport operations;

must ensure that the aeroplane is not operated under the Instrument Flight Rules unless it is fitted with:

- (c) an approved ground proximity warning system (GPWS) that has a predictive terrain hazard warning function; or
- (d) if paragraph 10.6 applies — a GPWS that meets the requirements of section 108.36 (a section 108.36 GPWS); or
- (e) if the aeroplane has a maximum take-off weight of 5 700 kg or less, but is carrying 10 or more passengers — a TAWS-B + system.