



Australian Government
Civil Aviation Safety Authority

I, WILLIAM BRUCE BYRON, Director of Aviation Safety, on behalf of CASA, make this instrument under regulation 139.015 of the *Civil Aviation Safety Regulations 1998*.

[Signed Bruce Byron]

Bruce Byron
Director of Aviation Safety and
Chief Executive Officer

8 January 2008

Manual of Standards Part 139 Amendment (No. 1) 2008

1 Name of instrument

This instrument is the *Manual of Standards Part 139 Amendment (No. 1) 2008*.

2 Commencement

This instrument commences on the day after it is registered.

3 Amendment of the Manual of Standards Part 139

Schedule 1 amends Manual of Standards Part 139.

Schedule 1 Amendments

[1] Paragraph 6.2.3.1 (Note to Table 6.2-1)

omit all words after

Chapter 13

[2] After paragraph 6.2.3.1

insert

6.2.3.1A If a minimum runway width:

- (a) is mentioned in instructions issued under subregulation 235A (1) of CAR 1988 as applicable to a particular type of aeroplane; and
- (b) differs from the requirement in Table 6.2-1 that would otherwise apply to operations by that type;

the width mentioned in the instructions:

- (c) if it is less than the requirement in the Table — may be used in determining the required runway width for operations by that particular type; and
- (d) if it is more than the requirement in the Table — must be used in determining the required runway width for operations by that particular type.

Note Subregulation 235A (1) allows CASA to issue instructions specifying the minimum runway width applicable to an aeroplane or a type of aeroplane. Use of that runway width is subject to compliance with the conditions contained in the instructions.

6.2.3.1B Subject to meeting the additional requirements for runway shoulders mentioned in paragraph 6.2.14.3, code letter E runways may be used for A380 operations.

6.2.3.1C Paragraph 6.2.3.1B does not allow code letter E runways to be used for A380 operations:

- (a) if their construction begins after the commencement of paragraph 6.2.3.1B; or
- (b) if they are subjected to a major redevelopment, such as a runway extension, that begins after the commencement of that paragraph.

[3] After paragraph 6.2.14.2

insert

6.2.14.3 Code letter E runways used for A380 operations must be provided with shoulders that consist of:

- (a) inner shoulders 7.5 metres in width on either side that are able to support unintended aircraft runoff; and
- (b) outer shoulders 7.5 metres in width on either side that are resistant to engine blast erosion, prevent engine ingestion and are able to support emergency and service vehicles.

[4] Paragraph 6.3.1.1

omit

The

insert

Subject to this subsection, the

[5] Paragraph 6.3.1.1 (Table 6.3-1)

substitute

Code letter	Minimum taxiway width (straight sections)
A	7.5 m
B	10.5 m
C	18 m
D	23 m
E	23 m
F	25 m
<i>Note</i> Minimum widths are subject to exceptions, see paragraph 6.3.1.1A	

[6] After paragraph 6.3.1.1

insert

- 6.3.1.1A The minimum taxiway widths in Table 6.3-1 are subject to the following exceptions:
- (a) in the case of a code letter C taxiway that is only intended to serve aircraft with a wheelbase of less than 18 metres, the width may be reduced to 15 metres;
 - (b) in the case of a code letter D taxiway that is only intended to serve aircraft with an outer main gear span of less than 9 metres, the width may be reduced to 18 metres;
 - (c) subject to meeting the additional requirements for taxiway shoulders mentioned in paragraph 6.3.9.1A, code letter E taxiways may be used for A380 operations.
- 6.3.1.1B Subparagraph 6.3.1.1A (c) does not allow code letter E taxiways to be used for A380 operations:
- (a) if their construction begins after the commencement of paragraph 6.3.1.1A;
or
 - (b) if they are subjected to a major redevelopment, such as a taxiway extension, that begins after the commencement of that paragraph.

[7] Paragraph 6.3.2.1

omit

The

insert

Subject to paragraph 6.3.2.1A, the

[8] After paragraph 6.3.2.1

insert

6.3.2.1A For A380 aircraft using a code letter E taxiway, the minimum clearance between the outer main gear wheels and the edge of the taxiway at any point must not be less than 4.3 metres.

[9] After paragraph 6.3.9.1

insert

6.3.9.1A The width of the shoulders on each side of a code letter E taxiway used for A380 operations must not be less than 18.5 metres.

[10] Subparagraph 6.3.10.1 (a)

after

erosion

insert

and prevent engine ingestion

[11] Subparagraph 6.3.10.1 (b)

omit

similar aircraft

insert

Airbus 380 aircraft, being an aircraft
