



**Australian Government**  
**Civil Aviation Safety Authority**

I, PHILIPPA JILLIAN SPENCE, Director of Aviation Safety, on behalf of CASA, make this instrument under regulations 139.005 and 201.025 of the *Civil Aviation Safety Regulations 1998*.

Pip Spence  
Director of Aviation Safety

April 2025

**Part 139 Manual of Standards Amendment Instrument 2025 (No. 1)**

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**1 Name of instrument**

This instrument is the *Part 139 Manual of Standards Amendment Instrument 2025 (No. 1)*.

**2 Commencement**

This instrument commences on 12 June 2025.

**3 Amendment of the Part 139 (Aerodromes) Manual of Standards 2019**

Schedule 1 amends the *Part 139 (Aerodromes) Manual of Standards 2019*.

**Schedule 1 Amendments**

**[1] Subsection 3.01(2), definition of *aircraft classification number (ACN)***

*repeal and substitute*

*aircraft classification rating (ACR)* is the number that expresses the relative effect of an aircraft on a pavement for the specified standard subgrade strength of the pavement.

**[2] Subsection 3.01(2), definition of *pavement classification number (PCN)***

*repeal and substitute*

*pavement classification rating (PCR)* is the number that expresses the bearing strength of a pavement for unrestricted operations.

*Note* For guidance see CASA Advisory Circular (AC) 139.C-07: Strength rating of aerodrome pavements, as existing from time to time and freely available on the CASA website.

**[3] Paragraph 5.04(1)(e)**

*repeal and substitute*

- (e) subject to subsection (1A), the strength rating of the runway pavement calculated using the ACR-PCR rating system;

*Note* Guidance on reporting and publishing PCRs is contained in the ICAO Aerodrome Design Manual (Doc 9157, Part 3).

**[4] After subsection 5.04(1)**

*insert*

**(1A) For paragraph (1)(e):**

- (a) the bearing strength of a pavement intended for aircraft with an MTOW greater than 5 700 kg must be determined and reported using the ACR-PCR method contained in AC 139.C-07 as in force from time to time; and
- (b) the bearing strength of a pavement intended for aircraft with an MTOW equal to or less than 5 700 kg may be determined and reported using the ACR-PCR method contained in AC 139.C-07 as in force from time to time.

*Note* For an aerodrome operator, determining and reporting the bearing strength of a pavement intended for smaller aircraft is optional, but where it is done it must be done using the ACR-PCR method contained in AC 139.C-07.

**[5] Section 6.10, the Note**

*omit*

ACN - PCN

*insert*

ACR - PCR

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