



PURSUANT to Section 30 of the Civil Aviation Act 1990

I, Hon MICHAEL WOOD, Minister of Transport,

HEREBY MAKE the following ordinary rules.

SIGNED AT WELLINGTON

This 5th day of October 2021

A handwritten signature in blue ink that reads 'M. Wood'.

by Hon Michael Wood

Minister of Transport

Civil Aviation Rules

Part 1, Amendment 57

Definitions and Abbreviations

Docket 21/CAR/3

Contents

Rule objective.....	3
Extent of consultation.....	3
Summary of submissions.....	3
Examination of submissions.....	3
Insertion of Amendments	3
Effective date of rule	4
Availability of rules.....	4
Part 1 Definitions and Abbreviations	5
1.1 General Definitions	5
1.3 Abbreviations	6

Rule objective

The objective of amendment 57 to Part 1 is to update the Civil Aviation Rules (the Rules) to provide the definitions for certain terms associated with the use of Performance-Based Navigation (PBN).

This is a consequential amendment as a result of amendment 34 to Part 91.

Extent of consultation

A Notice of Proposed Rulemaking NPRM 20-01, containing the proposed **Part 91 Performance Based Navigation Regulatory Framework** was issued for public consultation under Docket 21/CAR/3 on 16 December 2020.

The NPRM was published on the CAA web site and mailed to identified stakeholders including representative organisations who were considered likely to have an interest in the proposal.

A period of 65 days was allowed for comment on the proposed rule.

Summary of submissions

Six (6) written submissions and no oral comments were received on the NPRM. A summary of submissions for this NPRM is available on the CAA website. These submissions and comments have been considered and as a result, the proposed definition of **area navigation specification** is removed and incorporated in the proposed definition of **navigation specification**. The latter is amended to align with the ICAO definition.

Examination of submissions

Submissions may be examined by application to the Docket Clerk at the Civil Aviation Authority between 8:30 am and 4:30 pm on weekdays, except statutory holidays.

Insertion of Amendments

The amendments to the rules in this Part are reflected by inserting the new definitions of **alternative means of navigation, navigation specification, Performance-Based Navigation, Primary means of navigation** and inserting the abbreviation **PBN**.

Effective date of rule

Amendment 57 to Part 1 comes into force on 1 December 2021

Availability of rules

Civil Aviation Rules are available from–

CAA web site: <http://www.caa.govt.nz/>

Freephone: 0800 GET RULES (0800 438 785)

Part 1 Definitions and Abbreviations

1.1 General Definitions

Rule 1.1 is amended by inserting the following definition after the definition of ‘alternate aerodrome’:

Alternative means of navigation means a navigational system that, for a given operation or phase of flight, will enable the continued safe navigation and landing of the aircraft if the primary means of navigation fails.

Rule 1.1 is amended by inserting the following definition after the definition of ‘multiple identical system maintenance’:

Navigation specification means a set of aircraft, operator and requirements for flight crew members needed to support the following types of performance-based navigation operations, within a defined airspace –

- (1) required navigation performance specification based on area navigation that includes the requirements for performance monitoring and alerting, designated by the prefix RNP; or
- (2) an area navigation specification based on area navigation that does not include the requirement for performance monitoring and alerting, designated by the prefix RNAV:

Rule 1.1 is amended by inserting the following definition after the definition of ‘Payload capacity’:

Performance-Based Navigation means an area navigation based on performance requirements for aircraft operating along an ATS route, on an instrument approach procedure or in a designated airspace, and **PBN route** or **PBN operations** has a similar meaning:

Rule 1.1 is amended by inserting the following definition after the definition of ‘Pressure altitude’:

Primary-means navigation system means a navigation system approved for a given navigation specification, or for a phase of flight, that is used to navigate safely on the planned route or procedure:

1.3 Abbreviations

The abbreviation PBN is inserted after the abbreviation PAR:

PBN means Performance-Based Navigation: