



| ICAO

CAPACITY & EFFICIENCY

Seminario sobre organización de servicios de diseño de procedimientos de vuelo (IFPDS)

Proyecto RLA/06/901

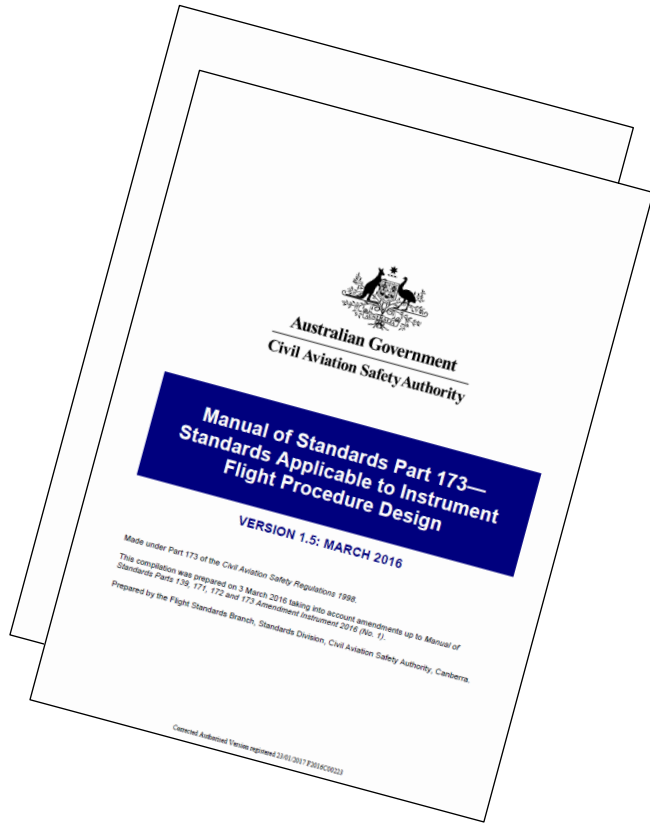
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Sesión 12: Modelo de Organización IFPDS – Civil Aviation Safety Authority Part 173

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“The Civil Aviation Safety Regulations Part 173 – Instrument Flight Procedure Design establishes the standards pertaining to the design of Instrument Flight Procedures....”

Sesión 12: Modelo de Organización IFPDS – Civil Aviation Safety Authority Part 173

1.1.1.2 For the design of:

(a) Instrument Flight Procedures, other than the design of Required Navigation Performance Authorization Required Approach (*RNP AR APCH*) procedures, the design standards are contained in:

- (i) International Civil Aviation Organization (*ICAO*) Publication Doc 8168-OPS/611, Volumes I and II, also referred to as the Procedures for Air Navigation Services – Aircraft Operations (*PANS-OPS*); and
- (ii) this Manual of Standards (*MOS*) which comprises:
 - (A) additional design standards not included in *PANS-OPS*; and
 - (B) differences which are adopted by Australia; and
 - (C) new or developing standards; and



1.1.1.2 For the design of:

....follows..

(b) **RNP AR APCH procedures**, the design standards are contained in:

(i) PANS OPS; and

(ii) this MOS which comprise:

(A) additional design standards not included in PANS-OPS;
and

(B) differences which are adopted by Australia; and

(C) new or developing standards; and

(iii) ICAO Publication Doc 9905-AN/471, also referred to as the Required Navigation Performance Authorization Required Procedure Design Manual (**ICAO Doc 9905**).

HOW
TO...



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CHAPTER 2: ORGANISATION

Section 2.1: Operations Manual

2.1.1 Standards

2.1.1.1 A certified designer must prepare an Operations Manual which includes the following:

- (a) a table of contents based on the items in the manual, indicating the page number on which each item begins;
- (b) a description of the designer's organisational structure and a statement setting out the functions that the designer performs, or proposes to perform under CASR Part 173;
- (c) ...
- (d) ...
- ...
- (w)...



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3.1.6 Minimum Experience

3.1.6.1 Minimum design experience is required for each type of procedure to be designed.

3.1.6.2 The minimum experience required **is three designs**, checked and approved by a Chief Designer, and completed within any **six consecutive months**.



3.1.7 Recency

3.1.7.1 A person must not design (except under direct supervision) or verify a procedure, unless he/she has designed, checked or been directly involved in the detailed **review of a procedure of the same type within the previous year**.

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6.1.2 Validation

6.1.2.1 All designs other than those at (g) and (h) above are to be validated in accordance **with the standards in Chapter 7.**

6.1.2.2 On completion of a design, **a certified designer must apply to CASA for flight validation.**

6.1.2.3 The application is to include a completed draft copy of the design procedure prepared for publication in accordance with Chapter 9 of this Manual.

6.1.2.4 **CASA shall arrange for a CASA officer who is a qualified validation pilot to conduct the flight validation.**

6.1.2.5 **The certified designer shall provide an aircraft of a type approved by the CASA officer conducting the flight validation.**

6.1.2.6 The certified designer shall provide a qualified designer to be part of the validation crew.

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Thank You

