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GENERAL OPERATIONS, FLIGHT PLANNING AND PERFORMANCE

CHAPTER 12 – AIRFIELDS

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CHAPTER 12 RUNWAYS



GENERAL OPERATIONS, FLIGHT PLANNING AND PERFORMANCE

CONTENTS	PAGE
AIRFIELDS	3
CATEGORIES AND DEFINITIONS	



AIRFIELDS

The performance requirements as described in CAO 20.7.4 defines the criteria that an aircraft need to adhere to. Safe operations are however also reliant on an airfield that meets a set of minimum specifications.

Suitable locations adequately surveyed, constructed and maintained in Australia are described in authorised publications. The ERSA and Jeppesen are the most common.



CATEGORIES AND DEFINITIONS

Airfields are categorized according to their intended uses and ownership.

- Adelaide, Sydney, Brisbane Melbourne, etc, are Certified
- Military Are Certified
- Airfield such as, Parafield SA, Bankstown QLD, Armidale NSW are Certified
- Airfield such as, Renmark SA, Redcliff QLD, Nhill VIC are Registered
- Private Aeroplane Landing Areas ALA.(CAAP 92.1) are Uncertified

Information about airfields can be found in:

The Government publication, E.R.S.A. (En-Route Supplement Australia). It supplies information on Australian Aerodromes except for those which are privately owned.

Jeppesen publications which are internationally recognized and used.

NOTAM (Notice to Airmen) gives up to date information on the serviceability of airfields or any other details not yet included in more permanent publications.



Major airfields are located near large population centres and will be under the approach and terminal control of Air Services. They will cater for heavy domestic and international traffic as well as general aviation aircraft.

Certified Airfields are certified by CASA under CASR subpart 139.B. A certified aerodrome has a runway suitable for aircraft with more than 30 passenger seats or able to carry more than 3400Kg and is available for RPT (Regular Public Transport) or Charter operations by such aircraft. It has a higher operating standard than a registered aerodrome. Radio is required.

Registered airfields are aerodromes registered by CASA under CASR 139.C. A registered aerodrome meets certain minimum operating standards and is regularly inspected. The carriage of radio is required

Uncertified Radio not required

CTAF's Common Traffic Advisory Frequency frequency (Jeppesen ATC – Airspace Organization)