
Airport Pavement Concession Policy

CONTROL:

Policy Type:	Administrative
Authorised by:	Council
Head of Power:	Civil Aviation Act 1988 Civil Aviation Safety Regulations 1998 Manual of Standards Part 139 Aerodromes Advisory Circulars
Responsible Officer:	Chief Executive Officer
Adopted / Approved:	June 25 2018; Minute No. 2018.06.25-OM-19
Last Reviewed:	June 2018
Review:	June 2019
Version:	Original

1. INTRODUCTION

1.1 PURPOSE:

This document will provide definitive guidance to Council staff when assessing and responding to requests from aircraft operators for airport pavement concessions.

1.2 POLICY OBJECTIVES:

To establish guidelines for approval of airport pavement concessions for Bedourie and Birdsville airports.

1.3 COMMENCEMENT OF POLICY:

This Policy will commence on adoption. It replaces all other specific policies of Council (whether written or not).

2. POLICY

2.1 CONTEXT:

Pavement concessions are considered in cases where an aircraft requests permission to land at an airport where the Aircraft Classification Number (ACN) exceeds the Pavement Classification Number (PCN). When assessing a pavement concession request consideration is given to safety, probability of pavement damage and restoration cost, social and economic importance of the operation and emergencies.

2.2 POLICY STATEMENT:

Diamantina Shire Council owns/ controls the Bedourie and Birdsville airports which are critical pieces of transport infrastructure for the region. This policy will ensure that damage to the airport pavements is in balance with social and economic benefits afforded with allowing larger aircraft access to the facilities.

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2.3 SCOPE:

The scope of this policy includes the assessment of pavement concession requests for the Bedourie and Birdsville airports (Betoota airport is excluded as it is unrated).

3. STANDARDS AND PROCEDURES

3.1 SPECIFIC AND STANDARD

The pavement strength rating system used is the ICAO (International Civil Aviation Organisation) Aircraft Classification Number (ACN) – Pavement Classification Number (PCN) method. The method of assessing pavement concessions is based on the Civil Aviation Safety Authority Advisory Circular AC 139-25(0) August 2011.

The Australian Airports Association have produced a tool and explanatory guide to undertake the pavement concession calculations called 'Pavement Concession Calculator 2014'. Caution is required when first using the tool to check the PCN figures in the program against the Airservices Australia's (AsA), Aeronautical Information Publication (AIP) - En route Supplement Australia (ERSA).

Historically overloading up to 50% for PCN and tyre pressure have not had detrimental effects on the Bedourie or Birdsville runway surfaces and a pavement concession may be issued for infrequent trips (i.e. annual events).

Pavement Concessions for overloading more than 50% are generally not approved except in the following circumstances:

1. Genuine Emergency
2. Royal Australian Air Force
3. Political Dignitaries (whose attendance within the Shire is likely to result in positive public relations or future funding opportunities)

When considering requests for greater than 50% overloading under exception 2 or 3 (above) the Mayor of Diamantina Shire Council shall be consulted to assist with the assessment.

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4. REFERENCE AND SUPPORTING INFORMATION

4.1 DEFINITIONS:

To assist in interpretation, the following definitions shall apply:

Word / Term	Definition
Council	Diamantina Shire Council.
PCN	Pavement Classification Number
ACN	Aircraft Classification Number
ICAO	International Civil Aviation Organisation
CASA	Civil Aviation Safety Authority
AAA	Australian Airport Association
AsA	Airservices Australia
AIP	Aeronautical Information Publication
ERSA	En Route Supplement Australia
NOTAM	Notice To Airmen

4.2 RELATED POLICIES, LEGISLATION AND DOCUMENTS:

Links to supporting documentation
Australian Airports Association, Small Regional Aerodrome Handbook, Practice Note 8
Civil Aviation Safety Authority Advisory Circular AC139-25 Strength Rating of Aerodrome Pavements, August 2011
Australian Airports Association, Pavement Concession Calculator 2014

4.3 VERSION CONTROL:

Previous Version Number	Adopted/Approved Date