



Australian Government

Department of Education, Employment and Workplace Relations

A VIL3004B Assess pavement concessions

Revision Number: 1

AVIL3004B Assess pavement concessions

Modification History

Not applicable.

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to assess pavement concessions, including receiving and evaluating request for pavement concession, conducting an analysis of overload significance, and communicating and documenting the outcomes of the pavement concession request. Required performance includes compliance with all relevant regulatory requirements. Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Application of the Unit

Application of the Unit

Work must be carried out in compliance with the relevant regulatory requirements of the Civil Aviation Safety Authority.

Use for ADF Aviation is to be in accordance with relevant Defence Orders and Instructions and applicable CASA compliance.

Work is performed under limited supervision.

Work involves the application of relevant principles, regulations, protocols and procedures to assess requests for pavement concessions as part of commercial activities across a variety of operational contexts within the Australian aviation industry.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Receive a request for pavement concession	1.1 Request for a pavement concession for a specific airport is received from an aircraft operator and interpreted in accordance with workplace procedures and regulatory requirements 1.2 Airport pavement classification number for the airport concerned is established through reference to the En Route Supplement Australia (ERSA)
2 Evaluate a request for pavement concession	2.1 Specifications for the aircraft concerned are accessed and interpreted to establish the aircraft classification number 2.2 A comparison is made between the airport pavement classification number and the aircraft classification number 2.3 Where the aircraft classification number is less than or equal to airport pavement classification number, the pavement concession is issued 2.4 Where the aircraft classification number is more than the airport pavement classification number a more detailed analysis of overload significance is carried out in accordance with workplace procedures and regulatory requirements
3 Conduct an analysis of overload significance	3.1 Relevant information required for an assessment of overload significance of the pavement concession request is obtained from relevant sources 3.2 Reference is made to the pavement concession manual to conduct an assessment of the overload significance 3.3 The potential impact of the pavement overload is established and an appropriate decision is made to either issue a concession, decline a concession or issue a conditional concession in accordance with workplace procedures and regulatory requirements
4 Communicate outcomes of a pavement concession request	4.1 The outcomes of the decision on a pavement concession request is communicated to the aircraft operator in accordance with workplace procedures and regulatory requirements 4.2 In the case of a conditional concession being issued, details of the applicable conditions are communicated to the operator in accordance with workplace procedures and regulatory requirements
5 Document the outcomes of a pavement concession request	5.1 The outcomes of the decision on a pavement concession request, including details of any applicable conditions, is documented in accordance with workplace procedures and regulatory requirements

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills and their level required for this unit.

Required knowledge:

- Relevant sections of Civil Aviation Safety Regulations and Civil Aviation Orders (i.e. Cars 89 1, Schedule 10)
- Relevant OH&S and environmental procedures and regulations
- Aerodrome operating procedures
- Procedures for assessing a request for a pavement concession
- Aircraft specifications
- Relevant sections of ERSA pertaining to the assessment of requests for pavement concessions
- Safety hazards and risks that exist when assessing requests for pavement concessions and related risk control procedures and precautions
- Problems that may occur when assessing requests for pavement concessions and action that should be taken in each case

Required skills:

- Communicate effectively with others when assessing pavement concessions
- Read and interpret instructions, regulations, procedures and other information relevant to assessing pavement concessions
- Interpret and follow operational instructions and prioritise work
- Complete documentation related to assessing pavement concessions
- Operate electronic communication equipment to required protocol
- Work collaboratively with others when assessing pavement concessions
- Adapt appropriately to cultural differences in the workplace, including modes of behaviour and interactions with others
- Promptly report and/or rectify any identified problems that may occur when assessing pavement concessions in accordance with regulatory requirements and workplace procedures
- Implement contingency plans for unexpected events that may arise when assessing pavement concessions
- Apply precautions and required action to minimise, control or eliminate hazards that may exist when assessing pavement concessions
- Monitor and anticipate operational problems and hazards and take appropriate action
- Monitor work activities in terms of planned schedule
- Modify activities dependent on differing workplace contingencies, situations and environments
- Work systematically with required attention to detail without injury to self or others, or damage to goods or equipment

REQUIRED KNOWLEDGE AND SKILLS

- Adapt to differences in equipment and operating environment in accordance with standard operating procedures
- Select and use required personal protective equipment conforming to industry and OH&S standards
- Implement OH&S procedures and relevant regulations
- Identify and correctly use equipment required when assessing pavement concessions

Evidence Guide

EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- The evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of applying:
 - the underpinning knowledge and skills
 - relevant legislation and workplace procedures
 - other relevant aspects of the range statement

Context of and specific resources for assessment

- Performance is demonstrated consistently over a period of time and in a suitable range of contexts
- Resources for assessment include:
 - a range of relevant exercises, case studies and/or other simulated practical and knowledge assessment, and/or
 - access to an appropriate range of relevant operational situations in the workplace
 - In both real and simulated environments, access is required to:
 - relevant and appropriate materials and equipment, and
 - applicable documentation including workplace procedures, regulations, codes of practice and operation manuals

Method of assessment

- Assessment of this unit must be undertaken by a registered training organisation
- As a minimum, assessment of knowledge must be conducted through appropriate written/oral tests
- Practical assessment must occur:
 - through activities in an appropriately simulated environment at the registered training organisation, and/or
 - in an appropriate range of situations in the workplace

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance.

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| Requests for pavement concessions may need to be considered for operations that may occur: | <ul style="list-style-type: none"> • by day or by night • in any weather conditions |
| Aerodromes may include: | <ul style="list-style-type: none"> • licensed aerodromes • unlicensed aerodromes |
| Relevant information required for an assessment of overload significance of a pavement concession request may include but is not limited to: | <ul style="list-style-type: none"> • aircraft weight • aircraft tyre pressure • time of air craft arrival • frequency of aircraft operations at the airport concerned • pavement temperature at the airport concerned |
| Conditions on a concession may include but are not limited to: | <ul style="list-style-type: none"> • turning on a particular node • following specified routes when taxiing at the airport concerned • operating on lower tyre pressures • operating and parking in restricted areas of the airport concerned |
| Dependent on the type of organisation concerned and the local terminology used, workplace procedures may include: | <ul style="list-style-type: none"> • company procedures • enterprise procedures • organisational procedures • established procedures • standard operating procedures |
| Information/documents may include: | <ul style="list-style-type: none"> • relevant sections of Civil Aviation Safety Regulations and Civil Aviation Orders pertaining to the issuing of pavement concessions • aerodrome manuals • workplace operating procedures manuals • Manual of Standards - Aerodromes (previously Rules and Practices for Aerodromes [RPA]) • En Route Supplement Australia (ERSA) • manufacturers specifications for specified aircraft • regular public transport (RPT) routes and timetables • induction and training materials |
| Applicable regulations and legislation may include: | <ul style="list-style-type: none"> • relevant Civil Aviation Act (1988) and Civil Aviation Regulations and Orders (i.e. CAR 89 I, Schedule 10) • Manual of Standards - Aerodromes (previously Rules and |

RANGE STATEMENT

Practices for Aerodromes [RPA]

- applicable state/territory and commonwealth regulations concerning:
- OH&S
- workplace relations
- workers compensation
- environmental protection
- equal opportunity

Unit Sector(s)

Not applicable.

Competency field

Competency Field

L - Resource Management