



Australian Government

AVIL3004 Assess pavement concessions

Release: 1

AVIL3004 Assess pavement concessions

Modification History

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Application

This unit involves the skills and knowledge required to assess pavement concessions, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes receiving and evaluating requests for pavement concession, conducting an analysis of overload significance, and communicating and documenting the outcomes of a pavement concession request.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to resource management duties of ground operations personnel, and contributes to safe and effective performance in complex aviation operational environments.

Operations are conducted as part of recreational, commercial and military aircraft activities across a variety of operational contexts within the Australian aviation industry.

Work is performed independently or under limited supervision as a single operator or within a team environment.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

Pre-requisite Unit

Not applicable.

Competency Field

L – Resource Management

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

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 En Route Supplement Australia (ERSA)
2 Evaluate a request for pavement concession	2.1	Specifications for aircraft concerned are accessed and interpreted to establish aircraft classification number
	2.2	Comparison is made between airport pavement classification number and aircraft classification number
	2.3	Where aircraft classification number is less than or equal to airport pavement classification number, pavement concession is issued
	2.4	Where aircraft classification number is more than 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 pavement concession request is obtained from relevant sources
	3.2	Reference is made to pavement concession manual to conduct an assessment of overload significance
	3.3	Hazards are identified, risks are assessed and hazard management is implemented
	3.4	Potential impact of 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	4.1	Outcomes of decision on a pavement concession request is communicated to aircraft operator in accordance with

pavement concession request		workplace procedures and regulatory requirements
	4.2	Details of conditional concessions issued are communicated to operator in accordance with workplace procedures and regulatory requirements
5 Document outcomes of a pavement concession request	5.1	Outcomes of decision on a pavement concession request, including details of applicable conditions, are documented in accordance with workplace procedures and regulatory requirements
	5.2	Documented pavement concession request decisions are filed and processed in accordance with workplace procedures and regulatory requirements

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Relevant information required for an assessment of overload significance of a pavement concession request must include:	• aircraft tyre pressure • aircraft weight • frequency of aircraft operations at airport concerned • pavement temperature at airport concerned • time of aircraft arrival
Conditions on a concession will include:	• following specified routes when taxiing at airport concerned • operating and parking in restricted areas of airport concerned • operating on lower tyre pressures • turning on a particular node

Unit Mapping Information

This unit replaces and is equivalent to AVIL3004B Assess pavement concessions.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>

Assessment Requirements for AVIL3004 Assess pavement concessions

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least one occasion and include:

- adapting to differences in equipment and operating environment in accordance with standard operating procedures
- applying precautions and required action to minimise, control or eliminate identified pavement concession hazards
- applying relevant legislation and workplace procedures
- communicating effectively with others
- completing relevant documentation
- identifying and correctly using relevant equipment
- implementing contingency plans
- implementing work health and safety (WHS)/occupational health and safety (OHS) procedures and relevant regulations
- interpreting and following operational instructions and prioritising work
- modifying activities depending on workplace contingencies, situations and environments
- monitoring and anticipating operational problems and hazards and taking appropriate action
- monitoring work activities in terms of planned schedule
- operating electronic communications equipment to required protocol
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- reporting and/or rectifying problems, faults or malfunctions promptly, in accordance with workplace procedures
- selecting and using required personal protective equipment conforming to industry and WHS/OHS standards
- working collaboratively with others
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- aerodrome operating procedures
- aircraft specifications
- problems that may occur when assessing requests for pavement concessions and action that should be taken in each case
- procedures for assessing a request for a pavement concession
- relevant WHS/OHS and environmental procedures and regulations
- relevant sections of Civil Aviation Safety Regulations (CASRs) and Civil Aviation Orders for aerodrome operations and assessing pavement concessions
- relevant sections of En Route Supplement Australia (ERSA) for assessing requests for pavement concessions
- safety hazards and risks that exist when assessing requests for pavement concessions, and related risk control procedures and precautions.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in *the Standards for Registered Training Organisations* current at the time of assessment.

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Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- acceptable means of simulation assessment
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry.

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