



Australian Government

AVIM0014 Plan flight training

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Modification History

Release	Comments
1	This unit of competency was first released in AVI Aviation Training Package Release 12.0.

Application

This unit involves the skills and knowledge required to plan flight training in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes confirming trainee readiness, developing training plans and planning and conducting preflight briefings.

This unit incorporates aviation non-technical skill requirements (mental, social, and personal-management abilities) for flight instructor personnel that complement the technical skills of the individual and contributes to safe and effective performance in flight training environments.

Flight instruction operations are conducted as part of recreational, commercial and/or military aviation training across a variety of operational contexts within the Australian aviation industry.

Work may be performed independently or under limited supervision as a single instructor or within a multi-crew environment.

Licensing/Regulatory Information

Flight training is conducted under Parts 61, 141 or 142 of the Civil Aviation Safety Regulations (CASR) or its replacement. Flight training for licences and ratings is conducted under a Part 141 or Part 142 Approval Certificate, conducted according to the certificate holder's operations manual or exposition. Other flight training is conducted under Part 61, according to an organisation's operations manual or exposition, or relevant CASR, as appropriate.

Pre-requisite unit(s)

Not applicable.

Competency field(s)

M - Training and Assessment

Unit sector(s)

Not applicable

Elements and Performance Criteria

Elements		Performance criteria	
Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Confirm trainee readiness	1.1	Confirm trainee readiness and competency status through a review of training records
		1.2	Identify training objectives based on performance criteria in the manual of standards and operator's training plans
		1.3	Check trainee knowledge required for flight exercise
2	Develop training plan	2.1	Select appropriate training methods to facilitate training objectives and knowledge transfer
		2.2	Discuss applicable threat and error management (TEM) issues of proposed flight with trainee and confirm their responsibility for managing relevant TEM issues
		2.3	Select appropriate training resources, confirm availability and serviceability of required facilities, equipment, training aids, reference material and airworthiness of the training aircraft or device
		2.4	Identify potential threats and errors in a flight lesson, including those associated with simulation of abnormal or emergency procedures or aircraft mishandling by trainee, and consider suitable mitigators
3	Plan briefings	3.1	Confirm trainee understanding of training outcomes, knowledge evidence relevant to outcomes, aircraft handling techniques and planned flight sequences
		3.2	Link previous training to the current exercise
		3.3	Discuss environmental conditions and their suitability for the training exercise

Foundation skills

Foundation and digital skills essential to successful completion of this unit are mapped to the Australian Core Skills Framework (ACSF) and the European Digital Competence Framework (DigComp 3.0).

Further information is available in the AVI Companion Volume V1.1.

Range of conditions

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

Non-essential conditions may be found in the Aviation Training Package Companion Volume Implementation Guide.

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Assessment Requirements for AVIM0014 Plan flight training

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two separate occasions and include:

- applying relevant aeronautical knowledge
- assessing learning and performance
- assessing, monitoring, and managing trainee cognitive load
- developing an appropriate lesson plan based on performance/assessment of training objectives
- developing an appropriate training plan that includes TEM
- identifying potential threats and errors, including those associated with simulation of abnormal or emergency procedures or aircraft mishandling by trainee, and planning suitable countermeasures
- integrating segmented tasks progressively
- maintaining and reviewing assessment records and trainee progress
- monitoring current environmental factors
- planning training objectives
- providing appropriate levels of information, explanation, and feedback
- selecting appropriate training resources including equipment and confirming serviceability and airworthiness.

Knowledge Evidence

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

- application of instructional principles to airborne instruction
- application of risk management principles to emergency procedure simulations in flight
- different forms of assessment and application in flight training
- effective use of a course of training, curricula/syllabus and lesson plans
- learning factors that will affect trainee cognitive load
- lesson planning and development:
 - aim/motivation/revision
 - explanation of principles

- explanation/demonstration of technique
- outcomes
- practice
- review
- TEM
- operational concept of TEM in relation to flight training in terms of:
 - managing errors
 - managing threats
 - managing undesired aircraft state
- principles of flight
- principles of instruction:
 - role of the instructor
 - rote learning, understanding of knowledge and correlation, and application to flight training
- principles of learning:
 - adult learning process
 - attitudes, discipline and responsibility
 - factors affecting perception and understanding
 - learning as a behavioural change
 - motivation, positive and negative
 - sensory perception
- procedures and strategies for developing trainee TEM skills
- relevant sections of Civil Aviation Safety Regulations (CASRs) and Civil Aviation Orders related to flight training
- requirements for completing relevant documentation
- role of the instructor for each phase of review and evaluation:
 - competency assessment
 - fault analysis (diagnosis)
 - trainee self-assessment
 - training effectiveness
- techniques for introducing tasks in manageable segments to avoid overloading a trainee and principles for integrating task segments
- training and assessment competency standards.

Assessment Conditions

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

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.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and PPE currently used in industry

Mandatory Workplace Requirements

Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.

Unit Mapping Information

Previous Code and Title	Equivalence	Comments
	Newly created	This unit has been created to address a skill or task required by industry that is not covered by an existing unit of competency

Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/AVI>.