



Australian Government

AVIM5002 Conduct aeronautical knowledge training

Release: 1

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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 conduct aeronautical knowledge training, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes planning aeronautical knowledge training, conducting aeronautical knowledge training, and reviewing aeronautical knowledge training.

This unit addresses aviation non-technical skill requirements (physical, mental and task-management abilities) related to training and assessment duties of flight instructors, 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.

Work is performed independently or under limited supervision within a single-pilot or multi-crew environment.

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

Use for Defence Aviation is in accordance with relevant Defence Orders and Instructions.

Pre-requisite Unit

Not applicable.

Competency Field

M – Training and Assessment

Unit Sector

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 Plan aeronautical knowledge training

- 1.1 Trainee readiness for training is confirmed
- 1.2 Training objectives, including threat and error management (TEM), training plan and other appropriate training resources are identified
- 1.3 Hazards are identified, risks are assessed and hazard management is implemented
- 1.4 Lesson and delivery method appropriate to training objectives are planned
- 1.5 Assessment procedures are specified
- 1.6 Theory training with flight training lessons are appropriately scheduled and integrated
- 1.7 Availability of facilities, equipment, training aids and reference materials is confirmed

2 Conduct aeronautical knowledge training

- 2.1 Learning environment and motivation suitable to trainee characteristics is established
- 2.2 Materials are presented
- 2.3 Training objectives are stated
- 2.4 Lesson plan is followed and modified as required to achieve training objectives and to transfer of knowledge
- 2.5 New knowledge is linked to previous knowledge and is presented in a meaningful and logical framework
- 2.6 Training aids are used to illustrate and enhance explanations
- 2.7 Accurate technical knowledge is presented clearly and to the required standard
- 2.8 Opportunities for trainee participation and practise are provided
- 2.9 Applicable TEM issues are discussed

- 2.10 Trainee ability to apply TEM principles to the material presented is confirmed
 - 2.11 Achievement of training objectives is confirmed by questioning, review and other suitable methods
 - 2.12 Feedback on trainee performance is provided
 - 2.13 Trainee self-assessment skills are developed
 - 2.14 Training objectives are completed in time available
 - 2.15 Training is conducted effectively and safely
- 3 Review aeronautical knowledge training**
- 3.1 Training objectives and transfer of knowledge are achieved
 - 3.2 Training delivery and effectiveness using self-assessment, peers and supervisors is reviewed
 - 3.3 Records of assessment and progress of trainee are maintained and reviewed in accordance with established workplace procedures

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.

Unit Mapping Information

This unit replaces and is equivalent to AVIM5002A Conduct aeronautical knowledge training.

Links

Companion Volume implementation guides are found in VETNet -

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