



Australian Government

AVIM6006 Deliver operational flight management 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 deliver operational flight management training, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes planning an operational flight management training scenario, preparing trainee for scenario-based flight training, and delivering training. It also includes conducting post-flight discussions, and reviewing delivery of scenario-based flight training.

This unit addresses aviation non-technical skill requirements (physical, mental and task-management abilities) related to training and assessment duties 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 to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

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 an operational flight management training scenario

- 1.1 Typical commercial or military flight operation conditions including normal and abnormal operations, are identified
- 1.2 Training scenarios that require management of planned and unplanned in-flight situations are designed, including simulated abnormal and emergency operations
- 1.3 Training scenarios that involve knowledge-based solutions and flight management activities that assess and resolve less defined events, are designed
- 1.4 Sufficient timeframes and realistic workloads are allocated in the scenario design to enable trainee/s to meet objectives without being overloaded
- 1.5 Realistic scenario plan is developed with sufficient detail to ensure learning outcomes can be achieved without improvisation when airborne
- 1.6 Hazards are identified, risks are assessed and hazard management is implemented
- 1.7 Learning activities are designed that ensure components of competency are emphasised and reinforced

2 Prepare trainee/s for scenario-based flight training

- 2.1 Trainee/s existing level of operational knowledge is identified and gaps in knowledge are rectified as required
- 2.2 Scenario-based session plan is discussed with trainee/s
- 2.3 Objectives and outcomes of session plan are explained to trainee/s
- 2.4 Application and context of session is explained to and confirmed with trainee/s
- 2.5 Trainee/s role with regard to command status, decision implementation and trainer assumption of control, is confirmed
- 2.6 Scenario-based learning including multiple solutions to problems and the session not being formally assessed, is explained to and confirmed with trainee/s

- 3 Deliver training**
- 3.1 Presentation and delivery methods are adjusted to cater for trainee characteristics and to meet learning outcomes
 - 3.2 Trainee responsibility for planning and conducting a flight is explained
 - 3.3 Environment that simulates a typical civil or military air task is established as required
 - 3.4 Dimensions of aviation competency are emphasised and reinforced during presentation of training sessions
 - 3.5 Flight scenarios are logically sequenced with clear transition and linking of events that provide variety, encourage participation and reinforce dimensions of aviation competency
 - 3.6 Verbal feedback and motivation are provided to assist trainee in achieving session outcome
 - 3.7 Intervention and assumption of control is applied as required to ensure flight safety
 - 3.8 Situational awareness is maintained to ensure situations that might jeopardise safety are not allowed to develop
 - 3.9 Detailed record of flight events is maintained
 - 3.10 Training sessions are reviewed and modified as required to meet trainee needs
- 4 Conduct post-flight discussion**
- 4.1 Process, rationale and benefits of post-flight discussion are explained to trainee
 - 4.2 Trainees are encouraged to lead discussion including evaluation of their own performance and quality of self-assessment
 - 4.3 Assistance in recalling sequence of events is provided as required
 - 4.4 Flight events, actions and results of decisions are identified, analysed and feedback is provided to trainee
 - 4.5 Trainee are encouraged to examine whether alternative actions may have resulted in better outcomes
 - 4.6 Constructive feedback and reinforcement is provided to trainee

- 5 Review delivery of scenario-based flight training**
- 5.1 Training delivery is assessed against program goals, session plans and training outcomes
 - 5.2 Delivery and effectiveness of training session is discussed with appropriate personnel
 - 5.3 Adjustment of scenarios and delivery are incorporated as required to improve learning outcomes

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.

- Dimensions of aviation competency must include:
- contingency management skills
 - job/role environment skills
 - task management skills
 - task skills
 - threat and error management skills
 - transfer and application of skills and knowledge to new contexts

Unit Mapping Information

This unit replaces and is equivalent to AVIM6006A Deliver operational flight management training.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>