AVIM5003 Conduct flight 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 flight training, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes planning flight training, conducting pre-flight briefings, and conducting airborne training. It also includes managing trainee performance, managing the flight, conduct post-flight briefings and reviewing training.

This unit addresses aviation non-technical skill requirements (physical, mental and task-management abilities) related to training and assessment duties that complement the non-technical skills 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 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 flight training	1.1 Trainee records are reviewed and appropriate prerequisite training and performance are confirmed
	1.2 Training outcomes based on prescribed performance criteria and associated assessment requirements, and required training plans are identified
	1.3 Flight training exercise is planned to ensure an effective, efficient and safe outcome and lesson plans, learner materials and study guides are developed as required
	1.4 Hazards are identified, risks are assessed and hazard management is implemented
	1.5 Potential and actual threats and errors are identified, including those associated with simulation of abnormal or emergency procedures or aircraft mishandling by trainee, and suitable countermeasures are planned
	1.6 Availability and suitability of flight training resources is confirmed
	1.7 Environmental conditions suitable for conducting flight training are determined
2 Conduct pre-flight briefing	2.1 Trainee mental and physical preparation for flight training is confirmed
	2.2 Trainee knowledge required for flight exercise is checked
	2.3 Trainee is briefed on training objectives, performance criteria and assessment requirements, and actions required during a flight
	2.4 Trainee is briefed on how flight will be conducted to meet training objectives
	2.5 Threat and error management (TEM) issues applicable to proposed flight are discussed with trainee and trainee responsibility for managing relevant TEM issues (airmanship) is confirmed
	2.6 Trainee understanding of training outcomes, knowledge

evidence relevant to outcomes, aircraft handling techniques and planned flight sequences is confirmed

3	**Conduct airborne training**	3.1	Aircraft control handover/takeover procedures are explained and implemented
		3.2	Instructions and explanations are provided in a clear, concise, systematic and timely manner
		3.3	Tasks are introduced in manageable portions while being aware of trainee overload
		3.4	Tasks are demonstrated to trainee and performed to specified standards through coordinated control inputs, without abrupt manoeuvring, using accepted handling techniques and appropriate instructional techniques
		3.5	Trainee is directed through task performance using appropriate levels of information, explanation and feedback consistent with trainee progress
		3.6	Trainee is monitored through task performance using appropriate levels of information, explanation and feedback consistent with trainee progress
		3.7	Segmented tasks are integrated progressively in accordance with established workplace procedures
		3.8	Interventions are made as required to assist trainee progress or to maintain flight safety
		3.9	Trainee is provided with sufficient opportunity to practise techniques through assisted and unassisted practice sequences
		3.10	Trainee cognitive load is assessed, monitored and managed throughout training sequences
4	**Manage trainee performance**	4.1	Trainee strengths and development needs are identified to trainee through feedback, and additional instruction and demonstration is provided as required to assist trainee
		4.2	Trainee is encouraged to develop self-assessment skills during debriefing sequences
		4.3	Training events are noted for recording trainee performance, debriefing and assessment purposes
5	**Manage the flight**	5.1	Responsibilities as pilot in command (PIC) are managed for safe operation of aircraft

	5.2	Situational awareness is maintained while providing instruction
	5.3	Actual or potential threats and errors are identified and managed
	5.4	Intervention to recover aircraft is applied if an undesired aircraft state is not managed by trainee
	5.5	Crew resource management (CRM) principles are applied
6 Conduct post-flight briefing	6.1	Trainee achievement against training outcome for lesson, and associated performance criteria and assessment requirements is assessed
	6.2	Significant details of trainee performance are clearly and accurately described and debriefed
	6.3	Deficiencies in trainee performance are identified and remedial actions and training requirements are suggested
	6.4	TEM issues encountered during flight are discussed
	6.5	Trainee is briefed about details of next training event
	6.6	Flight results are recorded and post-flight administration is completed in accordance with workplace procedures
	6.7	Relevant staff are informed about trainee performance and results
7 Review training	7.1	Training effectiveness is evaluated with relevant stakeholders
	7.2	Final session outcomes are evaluated against desired session outcomes
	7.3	Review and reflection on instructional performance is conducted
	7.4	Adjustments to delivery, presentation and content of training and assessment materials are identified and incorporated as required

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.

Airborne instructional techniques must include:	• demonstrate • direct • monitor • follow me through
Significant details of trainee performance will include one or more of the following:	• deficiencies • remedial actions • self-awareness and insight • self-management • strengths
Relevant stakeholders must include one or more of the following:	• administrative staff • instructional staff • logistics staff • maintenance staff • management staff • trainee

Unit Mapping Information

This unit replaces and is equivalent to AVIM5003A Conduct flight training.

Links

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