



Australian Government

AVIW0037 Deliver pyrotechnics and handheld stores

Release: 1

AVIW0037 Deliver pyrotechnics and handheld stores

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 pyrotechnics and handheld stores in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes preparing pyrotechnics or stores for aerial delivery, deploying pyrotechnics or stores, and responding to in-flight pyrotechnic and stores emergencies.

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

Operations are conducted across a variety of operational contexts within the Australian aviation industry.

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

Pre-requisite Unit

Not applicable.

Competency Field

W – Equipment and Systems Operations

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.

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| 1 Prepare pyrotechnics or stores for delivery | 1.1 | Documentation relating to pyrotechnics or handheld stores is obtained, read and used to guide work as required |
| | 1.2 | Pyrotechnics or stores are stored securely in aircraft |
| | 1.3 | Pyrotechnics or stores are inspected for serviceability |
| | 1.4 | Pyrotechnics or stores are prepared for use in accordance with preparation instructions |
| 2 Deploy pyrotechnics or stores | 2.1 | Personal protective equipment is selected and used in accordance with workplace procedures |
| | 2.2 | Hazards are identified, risks are assessed and control measures implemented |
| | 2.3 | Pyrotechnics or handheld stores are deployed in accordance with workplace procedures |
| | 2.4 | Emergency procedures are implemented and appropriate response undertaken, as required |
| | 2.5 | Completion of relevant post-flight documentation is undertaken |

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.

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

Unit Mapping Information

This unit replaces and is equivalent to AVIW0027 Deliver pyrotechnics and handheld stores.

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 AVIW0037 Deliver pyrotechnics and handheld stores

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:

- applying precautions and required action to minimise, control or eliminate identified hazards
- completing relevant documentation
- implementing preparation procedures for pyrotechnics and handheld stores
- interpreting and following flight and operational manuals and safety policies
- performing serviceability inspection of pyrotechnics and handheld stores
- reading, interpreting and following relevant regulations, instructions and procedures
- reporting faults or malfunctions promptly in accordance with workplace procedures.

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:

- emergencies including:
 - handheld stores
 - pyrotechnics
- preparation procedures of pyrotechnics and handheld stores
- procedures for pyrotechnic and handheld stores delivery
- pyrotechnics or handheld stores
- relevant documentation
- relevant emergency procedures
- relevant legislation and regulations
- serviceability inspection procedures for pyrotechnics and handheld stores
- workplace policies and procedures for storing pyrotechnics and handheld stores.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training

Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

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 simulations
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment (PPE) currently used in industry.

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