



Australian Government

AVIF0049 Utilise emergency breathing systems

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 utilise emergency breathing systems (EBS) in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards. Use of this unit in non-aviation related safety roles is to be in accordance with relevant industry and national regulatory requirements.

It includes preparing an EBS for use, operating and completing post-operational procedures of an EBS.

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

F – Safety Management

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 an EBS for use | 1.1 EBS pre-flight inspection is conducted, and defects reported in accordance with workplace procedures |
| | 1.2 Preparations for flight are completed in accordance with workplace procedures |
| 2 Operate an EBS | 2.1 EBS is fitted in accordance with manufacturer instructions and workplace procedures |
| | 2.2 EBS purging techniques are employed in accordance with manufacturer instructions and workplace procedures |
| | 2.3 Safe breathing techniques are employed during ascent |
| | 2.4 EBS malfunctions are responded to in accordance with workplace procedures |
| 3 Complete EBS post-operational procedures | 3.1 EBS after-use inspection is conducted in accordance with manufacturer instructions and workplace procedures |
| | 3.2 EBS defects are reported in accordance with workplace procedures |
| | 3.3 EBS equipment is stowed in in accordance with 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.

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

Unit Mapping Information

This unit replaces and is equivalent to AVIF0039 Utilise emergency breathing systems.

Links

Companion Volume Implementation Guides are found in VETNet' -

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