



Australian Government

AVIF0022 Maintain work health and safety procedures in remote pilot aircraft systems

Release: 1

AVIF0022 Maintain work health and safety procedures in remote pilot aircraft systems

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 maintain work health and safety (WHS) procedures in remote pilot aircraft systems (RPAS) beyond visual line of sight (BVLOS) in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes identifying and reporting hazards and risks, contributing to managing aviation WHS, and completing WHS records.

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

Operations are conducted as part of 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.

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.

1 Identify and report hazards and risks with BVLOS operations

2 Contribute to managing aviation WHS/OHS in BVLOS operation

3 Complete WHS records

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 BVLOS hazards and risks to operational objectives are identified

1.2 Hazard type and risk components are identified and dealt with in accordance with workplace standards and regulatory requirements

1.3 Hazards and risks in the workplace are reported to appropriate personnel in accordance with workplace procedures and regulatory requirements

1.4 Established emergency procedures and contingency plans in BVLOS operations are followed in an emergency

2.1 Fatigue risks are identified and communicated to designated personnel in accordance with workplace procedures and regulatory requirements

2.2 Other WHS issues are identified and communicated to designated personnel in accordance with workplace procedures and relevant WHS legislation

2.3 Participative contributions to WHS management in the workplace are made, in accordance with workplace procedures and provisions of relevant legislation

3.1 WHS records for own performance are completed in accordance with workplace requirements

3.2 WHS records and regulatory requirements for maintaining records of workplace injury and diseases are followed

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

No equivalent unit

Links

AVI Training Package Companion Volume Implementation Guide available on VET Net: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f3e5816>

Assessment Requirements for AVIF0022 Maintain work health and safety procedures in remote pilot aircraft systems

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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 fatigue risk management knowledge and techniques
- applying precautions and required action to minimise, control or eliminate identified hazards
- communicating effectively with others
- communicating with designated work health and safety (WHS) representatives
- implementing contingency plans
- implementing WHS procedures and relevant regulations
- interpreting and following relevant instructions, regulations, procedures and information
- modifying activities depending on operational contingencies, risk situations and environments
- operating electronic communications equipment to required protocol
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- reporting and/or rectifying problems, faults or malfunctions promptly in accordance with workplace procedures
- responding appropriately to cultural differences in the workplace
- selecting and using required personal protective equipment (PPE) conforming to industry and WHS standards
- working collaboratively with others.

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:

- activities that may require modification in accordance with emergency situation
- common and site-specific signs and signals used for safety warnings
- definitions of a hazard and risk in relation to aviation work areas
- emergency and evacuation procedures relevant to own role
- formal and informal means of participating in promoting WHS

- hierarchy of control and own level of responsibility and process to action controls
- how to identify causes of fatigue
- how to identify WHS issues and reporting procedures for unsafe situations
- impacts of fatigue on work performance
- process for reporting PPE that is not fit for purpose
- rationale and processes for data capture through WHS documentation
- rationale and use of PPE and clothing
- regulatory requirements for reporting WHS
- reporting process for communicating fatigue risk
- reporting requirements and protocols in own workplace
- risk and consequence analysis process and controls to mitigate risks
- role and function of WHS committees, consultative committees, planning and purchasing committees
- role of aviation emergency services
- roles and functions of individuals in WHS committees
- selection and correct fitment of PPE
- safety culture and safety philosophies
- site layout and obstacles
- strategies for managing fatigue risks in an aviation workplace
- types of ground-based aviation hazards
- workplace procedures for communicating WHS issues, legislation and regulatory requirements, including:
 - dangerous goods regulations
 - general duty of care under WHS legislation
 - relevant state/territory WHS legislation
 - workers' compensation regulations
 - workplace personnel
 - workplace relations regulations
- designated personnel, including:
 - management
 - relevant nominated personnel
 - supervisors
 - team leaders
 - WHS personnel.

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 this is not appropriate, assessment must occur in simulated workplace operational situations that reflect 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
- acceptable means of simulation assessment
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and PPE currently used in industry.

Links

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