



Australian Government

AVIP0001 Manage RPAS applications, approvals, and permissions

Release: 1

AVIP0001 Manage RPAS applications, approvals, and permissions

Modification History

Release 1. This is the first release of this unit of competency in the AVI Aviation Training Package.

Application

This unit describes the performance outcomes, skills and knowledge required to manage remotely piloted aircraft systems (RPAS) applications, approvals and permissions. It includes compiling the scope of missions for applications; collating resources and information to develop permissions and approvals; developing and submitting applications; applying for variation to a Remote Operator Certificate (ReOC) in addition to communicating approvals, permissions and parameters to remote pilots and relevant crew.

No occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication.

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 Compile scope of mission for application

PERFORMANCE CRITERIA

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

1.1 Mission objective is defined

- 1.2 Mission area of operations are identified
 - 1.3 Aviation legislation, aeronautical information and general operating rules applicable to the mission are identified
 - 1.4 Mission parameters are identified
 - 1.5 Appropriate aircraft and supporting equipment for the mission are identified and selected
 - 1.6 Stakeholders are identified and consulted
- 2 **Collate resources and information to develop permissions and approvals**
 - 2.1 Remote pilot competency and capability mission needs are met and ensured
 - 2.2 Class of airspace is identified
 - 2.3 Additional approvals and permissions required are identified
 - 2.4 Required approval/permission for application are identified
- 3 **Develop and submit application**
 - 3.1 Risk assessment is conducted and documented
 - 3.2 Approval/permission supporting documents are developed
 - 3.3 Application is submitted and any deficiencies addressed
- 4 **Apply for variation to ReOC**
 - 4.1 The scope of the proposed operation change is identified
 - 4.2 The ReOC variation process is reviewed to determine Civil Aviation Safety Authority (CASA) application requirements
 - 4.3 Supporting evidence is gathered and application completed and submitted
- 5 **Communicate approvals, permissions and parameters**
 - 5.1 Remote pilots/crew are informed of approval and parameters
 - 5.2 Approval and ReOC/compliance declaration are updated and acknowledged by remote pilots/crew

- 5.3 Documentation is stored in accordance with organisational procedures
- 5.4 Application for variation to ReOC and updated operations and procedural manuals are submitted

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 AVI Aviation Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This is a new unit. No equivalent unit.

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 AVIP0001 Manage RPAS applications, approvals, and permissions

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 and performance criteria on at least one occasion and include:

- applying air service operations legislative requirements
- applying aviation knowledge to remote pilot aircraft systems (RPAS) operations
- applying relevant aeronautical knowledge
- conducting risk assessments and documenting mitigation options
- compiling RPAS approval and permission applications
- extracting information from relevant civil air law, aviation regulations, policies and procedures
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- consulting stakeholders to establish the following:
 - required site-specific approvals (marine sanctuaries, Department of Defence approvals etc)
 - hazards and risks to conducting RPAS operations in the vicinity/(at or over) the site
- updating the operations manual.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- approvals and permissions required, including:
 - marine sanctuaries
 - national parks
 - danger areas
 - prohibited
 - restricted airspace
- application of civil air law, aviation regulations, policies and procedures applicable to RPAS operations
- Civil Aviation Safety Regulation (CASR) Part 101 Manual of Standards relevant to RPAS operations

- relevant sections of CASRs and Civil Aviation Orders pertaining to civil air law, regulations, policies and procedures
- types of approvals and permissions that can be applied for, which may include:
 - extended visual line of sight (EVLS)
 - beyond visual line of sight (BVLS)
 - council and local government regulations
 - area approvals
 - Environmental Management System (EMS) 3NM
 - first person view (FPV)
- risk assessment
- supporting evidence, including:
 - local and state government approvals
 - stakeholder engagement and approvals
 - risk assessments
- stakeholders to consider and consult, including:
 - private property owners/occupiers
 - business representatives (owners/staff/management)
 - local government/council
 - state government
 - marine parks, sanctuaries and national parks staff
 - recreational aviation groups
 - Department of Defence.

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 personal protective equipment (PPE) currently used in industry.

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