



Australian Government

AVIY0003 Operate in Class G airspace

Release: 1

AVIY0003 Operate in Class G airspace

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 operate in Class G airspace, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes operating and navigating in uncontrolled airspace.

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 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 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

Y – Aircraft Operation and Traffic Management

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 Operate in uncontrolled airspace

- 1.1 Aircraft tracking tolerances are maintained to remain within Class G airspace
- 1.2 Aircraft altitude tolerances are maintained to remain within Class G airspace
- 1.3 Traffic separation tolerances between instrument flight rule (IFR) and visual flight rule (VFR) operations are maintained
- 1.4 Abnormal and emergency situation response actions are implemented as required

2 Navigate in uncontrolled airspace

- 2.1 Flight operations are conducted with appropriate separation from active aerodrome and landing areas
- 2.2 Controlled and restricted airspace areas are identified and separation tolerances are maintained during all phases of flight
- 2.3 Appropriate flight operating procedures are applied in vicinity of danger areas
- 2.4 Radio communication failure and aircraft emergency transponder codes are utilised 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.

Unit Mapping Information

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 AVIY0003 Operate in Class G airspace

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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:

- acquiring en route weather information and/or local observations
- applying relevant aeronautical knowledge
- displaying effective uncontrolled airspace situational awareness
- identifying and interpreting Class G navigational chart information
- identifying controlled airspace separation requirements
- identifying danger area operating requirements
- identifying relevant Class G radio and navigation aid frequencies
- identifying restricted area separation requirements
- maintaining aircraft altitude tolerances
- maintaining aircraft instrument flight rule (IFR)/visual flight rule (VFR) separation requirements
- maintaining aircraft tracking tolerances
- obtaining and interpreting traffic information
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- selecting appropriate aircraft lighting configuration
- setting appropriate radio communication failure or emergency transponder codes during abnormal or emergency situations
- setting local or area barometric pressure adjusted for sea level (QNH) at appropriate stages of flight
- transmitting appropriate aircraft position and intention broadcasts.

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:

- CASR Part 61 Manual of Standards Schedule 3 Aeronautical Knowledge relevant to aeroplane or helicopter operations in Class G airspace

- class G airspace operating requirements
- controlled airspace
- danger areas
- IFRs
- radio failure procedures
- restricted airspace
- standard radio telecommunication phraseology
- transponder codes for Class G airspace
- VFRs
- visual navigation charts (VNC).

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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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.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

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 currently used in industry.

Links

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