



**Australian Government**

# **Assessment Requirements for AVIY0016 Lead formation flight**

**Release: 1**

# Assessment Requirements for AVIY0016 Lead formation flight

## Modification History

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

## 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:

- adapting to differences in equipment and operating environment in accordance with standard operating procedures
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant aeroplane or helicopter aeronautical knowledge
- communicating effectively with others
- completing relevant documentation
- determining that formation members possess appropriate qualifications and currency
- following relevant legislation and workplace procedures
- identifying and correctly using relevant equipment
- implementing contingency plans
- implementing work health and safety (WHS)/occupational health and safety (OHS) procedures and relevant regulations
- maintaining control and formation while leading aircraft
- managing abnormal and/or emergency situations as formation flight leader:
  - lost aircraft and formation rejoin procedures
  - individual aircraft incident or accident
- manoeuvring formation safely by anticipating and allowing for all aspects of formation flying including compliance with regulatory requirements
- modifying activities depending on workplace contingencies, situations and environments
- monitoring and anticipating operational problems and hazards and taking appropriate action
- monitoring formation aircraft performance
- monitoring formation member flight performances and appropriate reactions to problems
- monitoring work activities in terms of planned schedule
- operating electronic communications equipment to required protocol
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs
- recognising environmental conditions that impact on formation performance
- reporting and/or rectifying identified problems promptly, in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective clothing and equipment conforming to

industry and WHS/OHS standards

- setting local or area barometric pressure adjusted for sea level (QNH) at appropriate stages of flight
- working collaboratively with others
- working systematically with required attention to detail without injury to self, others or damage to goods or equipment.

## 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 include knowledge of:

- air traffic, area limitations and navigation requirements for formation flight
- CASR Part 61 Manual of Standards Schedule 3 Aeronautical Knowledge relevant to aeroplane or helicopter operations
- deputy formation flight lead responsibilities
- formation briefing and debriefing procedures
- formation flight lead responsibilities
- formation manoeuvre safety limits considering formation size, proximity to obstructions, terrain, airspace limitations, weather conditions, air traffic and regulatory requirements
- in a Defence context, relevant Defence Orders and Instructions
- planning and briefing requirements for formation flight
- post-flight debriefing techniques
- relevant sections of Civil Aviation Safety Regulations and Civil Aviation Orders
- relevant WHS/OHS and environmental protection procedures and regulations
- standard operating procedures for abnormal or emergency situations for formation flight
- verbal and non-verbal formation communication procedures:
  - commence take off roll
  - position changes
  - radio receiver failure
  - radio transmitter failure.

## 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

Companion Volume implementation guides are found in VETNet -

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