



Australian Government

Assessment Requirements for AVIH0006 Navigate remote pilot aircraft 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.

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:

- adapting to differences in equipment and operating environment in accordance with standard operating procedures (SOPs)
- applying aviation risk management processes to remote pilot aircraft systems operations
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant remote pilot aircraft systems (RPAS) aeronautical knowledge
- applying relevant approach and landing procedures
- applying relevant departure procedures
- applying sound airmanship skills during controlled aerodrome operations, including:
 - aircraft departure
 - aircraft arrival
 - aircraft landing and dispersal
- determining area wind velocity and wind direction
- identifying and correctly using relevant equipment
- identifying relevant operational information from Enroute Supplement Australia (ERSA) and Notice to Airmen (NOTAM)
- implementing contingency plans and modifying activities depending on workplace contingencies, situations and environments
- interpreting weather forecasts and local observations
- maintaining compliance with regulatory requirements
- navigating RPAS tasks, including:
 - visual line of sight (VLOS)
 - visual meteorological conditions
- obtaining and interpreting traffic information
- performing appropriate actions in abnormal operations and emergencies
- performing navigational functions within the parameters of applicable regulations, orders and operations manual procedures
- reading, interpreting and following relevant regulations, instructions, procedures, information and signs

- applying appropriate radio communication failure procedures during abnormal or emergency situations
- sourcing and interpreting aviation weather forecast products and services as appropriate
- 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:

- aviation map reading and understanding spot heights and elevation utilising SMS
- air navigation techniques applicable to RPAS operations
- characteristics of different visual chart types
- chart reading techniques
- identification and navigational tolerances of control area (CTA), control zone (CTR), and prohibited, restricted and danger (PRD) areas
- limitations of RPAS navigation systems
- potential impacts of specific weather phenomena on RPAS operations
- principles of operation of RPAS navigation systems
- Civil Aviation Safety Authority (CASA) approved drone safety app
- Civil Aviation Safety Regulation (CASR) Part 61 Manual of Standards Schedule 3 Aeronautical Knowledge
- Notice to Airmen (NOTAM) information requirements
- radio failure procedures
- standard radio telecommunication phraseology
- air traffic services information requirements
- Class C, D and G airspace operating requirements
- controlled airspace
- danger areas
- radio failure procedures
- restricted airspace
- standard radio telecommunication phraseology
- visual flight rules (VFR)
- visual navigation charts (VNC).

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.

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>