



Australian Government

**Assessment Requirements for AVIW0004
Perform operational inspections on remote
operated systems**

Release: 1

Assessment Requirements for AVIW0004 Perform operational inspections on remote operated systems

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:

- accessing and applying relevant regulations, orders and information to the performance of the required planning and operational inspection administrative functions
- adapting to differences in equipment and operating environment in accordance with standard operating procedures (SOPs)
- applying industry safety practices and regulations
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- applying relevant remote operated system knowledge to industry application
- communicating effectively with others
- completing relevant documentation
- complying with operational task authorisations
- identifying and correctly using equipment required when performing inspections
- implementing technical contingency plans
- implementing work health and safety (WHS) procedures and relevant regulations
- interpreting and following operational instructions and prioritising work
- modifying activities depending on workplace contingencies, situations and environments
- monitoring and anticipate operational problems and hazards and taking appropriate action
- monitoring work activities in terms of planned schedule
- operating electronic communications equipment to required protocol
- performing input and downloading of data from flight planning systems
- planning pre-operational plan, including:
 - availability of consumables enroute and at destination
 - consumables required for flight
- reporting and/or rectifying problems, faults or malfunctions promptly in accordance with workplace procedures
- selecting and using required personal protective equipment (PPE) conforming to industry and WHS standards
- understanding and meeting the obligations placed on a remote system operator with regard to

operational inspections

- working collaboratively with others
- working systematically with required attention to detail without injury to self or 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 range of conditions and include knowledge of:

- decision-making processes relevant to remote system operations
- system technical release requirements and procedures for intended operations
- checklist use and procedures
- effective communication
- error management, including error types, causes and consequences
- fatigue management
- flight-specific reports, including incident reporting
- human factors applicable to remote system operations
- human performance and its limitations, including the senses, memory and situational awareness
- inspection procedures, including rectification actions
- minimum equipment list for applicable remote operated system
- information, including one or more of the following:
 - aeronautical charts
 - aircraft flight manual (AFM)
 - approved checklists
 - conditions of service, legislation and industrial agreements, including workplace agreements and awards
 - En Route Supplement Australia (ERSA)
 - flight and technical log
 - induction and training materials
 - maintenance release
 - meteorological forecasts
 - Notice to Airmen (NOTAM)
 - operations manuals
 - workplace procedures and instructions, and job specification
- pre- and post-operation planning administration procedures, including operational task authorisations
- production methods for operational plans, including:
 - automated operational planning systems
 - manual planning methods

- relevant Australian Standards
- relevant legislation, regulations and orders applicable to industrial sector
- relevant WHS and environmental procedures and regulations
- risk identification, analysis and control
- stress, workload and time pressure management.

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

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