



Australian Government

Assessment Requirements for PUA FIR001

Coordinate state aerial operations

Release: 1

Assessment Requirements for PUAFIR001 Coordinate state aerial operations

Modification History

Release 1.0 This is the first release of this unit of competency in the PUA Public Safety Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes

- adhering to aircraft contracts, legislation, regulations and state or territory policies and procedures for aviation operations
- advising regional and/or incident controllers about aircraft resources and priorities
- conducting debriefings to evaluate effectiveness of aviation resource coordination
- confirming authority to coordinate state or territory aviation resources
- confirming availability, capability and limitations of aircraft resources
- consulting state or territory emergency coordinators on priorities
- coordinating allocation and deployment of aviation resources across multiple incidents
- coordinating engagement of aviation resources for incident response within state or territory
- dispatching aircraft, pilots and air crew
- ensuring flight following procedures are established and maintained
- establishing aircraft search and rescue procedures and implementing as required
- establishing aviation coordination within state or territory control or coordination facility
- following legislation, regulations and national, state or territory policies and procedures relating to acquisition of aviation resources
- identifying and communicating contractual constraints on aviation resources to personnel responsible for dispatch
- investigating alternative sources for resources
- invoking coordination arrangements for aviation resources in state or territory
- liaising with state or territory organisational personnel to determine current and potential need for aviation resources
- maintaining an overview on availability and capability of individual aviation resources
- monitoring
 - management arrangements and support for aviation resources at incidents for safety, effectiveness and efficiency
 - provision of information to pilots regarding known aircraft allocated to incident and Fire Common Traffic Advisory Frequency (FCTAF) records in the aviation dispatch system
- negotiating air space requirements, issues and scarce aviation resources
- processing requests for aviation resources and reviewing requests to retain aircraft

- producing and disseminating reports
- quantifying aviation resources and support resource arrangements
- reporting and investigating accidents and incidents in accordance with aviation regulations
- suspending operations where a breach of legislation, regulations or state or territory procedures is identified, if required
- undertaking and maintaining a strategic overview of current and potential emergency.

Knowledge Evidence

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

- accident and incident notification and response procedures
- air base and helibase requirements
- aircraft in national fleet including their capability, contract arrangements and management requirements
- aircraft use including
 - aerial incendiary operations
 - air observation
 - cargo and equipment transport for resupply operations
 - fire bombing
 - heavy air tanker operations
 - helicopter insertion and extraction
 - passenger transportation
 - Remote Piloted Aircraft System (RPAS) operations
 - specialist equipment utilisation
 - specialist intelligence gathering
- air operations unit structure and roles
- air space restriction requirements
- aviation resources including
 - aerial attack platforms including light or large helicopter and light or medium fixed wing aircraft
 - aerial products including water, foam, retardant and gel, their characteristics, application and effectiveness
 - factors affecting performance of aviation resources including fuel, vegetation, weather and topographic factors
 - firebombing aircraft including fixed and rotary wing firebombers, single engine air tankers (seats) and multi engine aircraft
 - firebombing systems including buckets, belly tank and scoopers
- flight safety including
 - aviation briefings
 - aviation communications

- duty time limitations
- Notice to Airmen (NOTAM)
- restricted airspace
- flight planning and flight following requirements
- general fire behaviour and strategies and tactics used by firefighting organisations
- hazards that may adversely affect aircraft operations
- organisational aircraft activation protocols
- organisational policies and procedures for aerial operation missions conducted in state or territory
- procedures for conducting aircraft support operations including aircraft marshalling, refuelling, aerial suppressant mixing and loading and incendiary operations
- radio communication protocols including requirements for ground to air communications
- record keeping requirements
- relevant legislation, regulations and civil aviation regulations
- risk management principles
- roles and responsibilities in aerial operations missions
- search and rescue arrangements
- state and territory aviation deployment systems
- Team Resource Management (TRM) principles
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements.

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 operational situations or in simulated operational training 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 exercises, case studies and/or simulations
- appropriate materials, equipment, tools and personal protective clothing and equipment currently used in industry including
 - operational environment involving coordination of aircraft across a state or territory
- applicable documentation including organisational procedures, standards, equipment specifications, regulations, codes of practice and operational manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>