PUAFIR003 Manage aviation support operations at air base

Release: 1

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Modification History

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

Application

This unit of competency involves the skills and knowledge required to establish and manage an air base as part of an incident response and to provide support services for the resources in aerial operations missions. It includes working safely as a member of air operations team, planning for aerial operations support, establishing and managing a support unit to assist with service delivery, maintaining a safe and secure air base, supervising the layout of air base facilities, supervising the delivery of in-flight pilot services, supervising the storage and handling of dangerous goods, implementing air base accident response and maintaining records.

The unit is applicable to individuals managing an air base supporting fixed wing aircraft, rotary wing aircraft and/or remotely piloted aircraft. The air base may be established at an existing airport or helipad or may be in a remote location. Authorisation to perform this role is subject to agency policies and procedures.

The fire sector is those sections of government departments, statutory authorities or agencies that have responsibility under jurisdictional arrangements for the delivery of firefighting and fire management services.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

It is essential that the prerequisite units listed below are obtained prior to the issuance of this unit to individuals with the fire sector or the units contributing to the attainment of a fire qualification.

PUAOPE020 Lead a crew

PUAOPE013 Operate communications systems and equipment

PUAFIR017 Work safely around aircraft

Competency Field

Fire

Unit Sector

Fire

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 Work safely as air operations team member	**1.1** Team Resource Management (TRM) principles are applied and roles and responsibilities are confirmed in the air operations unit
	1.2 Communication is established and maintained with air attack supervisors, support personnel and contractors
	1.3 Work, Health and Safety (WHS)/Occupational Health and Safety requirements are implemented
	1.4 Job hazards are identified and action is taken to eliminate, minimise or control them
2 Plan for aerial operations support	**2.1** Briefing is obtained on need for aerial operations support and points requiring clarifications are confirmed
	2.2 Facility and service requirements to support aerial operations missions are identified in consultation with the supervisor and are documented in the air operations plan within the Incident Action Plan (IAP), if developed
	2.3 Need for personnel and contractors to assist with delivery of air base facilities and services is determined
3 Establish and manage a support unit to assist with service delivery	**3.1** Personnel are engaged to deliver specialist services
	3.2 Supervisory structure for personnel assisting with delivery of air base services is established
	3.3 Personnel are briefed on tasks and their performance is monitored and they are debriefed at the conclusion of their deployment

		3.4	Personnel are monitored for application of safe work practices and personnel working in an unsafe way are stood down
4	**Maintain safe and secure air base**	**4.1**	Arrangements are made to demarcate and clearly signpost designated unsafe areas
		4.2	Arrangements are made to escort personnel in designated unsafe areas who are not aircrew or part of the air operations unit
		4.3	Security is provided for aircraft and equipment, if required
		4.4	Arrangements for controlling access to the air base are established
5	**Supervise layout of air base facilities**	**5.1**	Air base facilities are planned and established in accordance with organisational procedures
		5.2	Parking and facility areas are identified and established
		5.3	Storage areas for dangerous goods are established
		5.4	Fire product mixing and loading facilities are established
		5.5	Refuelling facilities and services are established
		5.6	Welfare facilities and services are established to meet the needs of air base personnel and pilots
		5.7	Dust abatement measures are implemented, as required
6	**Supervise delivery of in-flight pilot services**	**6.1**	Delivery of inflight pilot services is monitored
		6.2	Pilots are briefed prior to their flights and debriefed on return
7	**Supervise storage and handling of dangerous goods**	**7.1**	Dangerous goods and hazardous substances are identified from documentation or through confirmation with relevant personnel
		7.2	Storage requirements for dangerous goods and hazardous substances are identified and established

		7.3	Handling procedures for different classes and characteristics of goods are implemented
8	**Implement air base accident response**	**8.1**	IAP accident response plan for aerial operations is obtained and followed
		8.2	Accident response equipment is located and checked in accordance with organisational procedures and statutory regulations
		8.3	Air base accident response procedures are communicated to support personnel and their implementation is monitored
9	**Maintain records**	**9.1**	Records of storage and use of consumables are maintained in accordance with organisational procedures
		9.2	Record of activities is maintained and a handover is prepared for the incoming air base manager

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.

Non-essential conditions may be found in the PUA Public Safety Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is not equivalent to PUAFIR313 Operate aviation support equipment.

Links

Companion Volume Implementation Guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf