AVIL3003 Plan an aircraft load

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.

Application

This unit involves the skills and knowledge required to plan an aircraft load, in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It includes gathering data on aircraft load, reviewing and analysing data, preparing load plans, and completing and processing required documentation.

This unit addresses aviation technical skill requirements (physical, mental and task-management abilities) related to resource management duties of flight or ground operations personnel, and contributes to safe and effective performance in complex aviation operational environments.

Operations are conducted as part of recreational, commercial and military aircraft activities across a variety of operational contexts within the Australian aviation industry.

Work is performed independently or under limited supervision as a single operator or within a team environment.

Work is performed independently or under limited supervision within a single-pilot or multi-crew environment.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Use for Defence Aviation is to be in accordance with relevant Defence Orders, Instructions, Publications and Regulations.

Pre-requisite Unit

Not applicable.

Competency Field

L – Resource Management

Unit Sector

Not applicable.

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 Gather data on aircraft load	1.1 Data required to plan aircraft load is collected using appropriate techniques and technology in accordance with workplace procedures and regulatory requirements
	1.2 Relevant people are consulted about acceptance of freight for air transport
	1.3 Types of freight to be transported are identified in accordance with workplace procedures and regulatory requirements
2 Review and analyse data	2.1 Collected data is reviewed using manual or computer techniques in accordance with workplace procedures and regulatory requirements
	2.2 Appropriate consideration of aircraft destination, time, weather, duration of flight, mix of load, aircraft fuel weight and other relevant parameters is included in analysis of data
3 Prepare load plan	3.1 An appropriate load plan is prepared using manual or computerised techniques for aircraft concerned in accordance with workplace procedures, aircraft loading manual and relevant regulatory requirements
	3.2 Hazards are identified, risks are assessed and hazard management is implemented
	3.3 Aircraft trim and balance requirements are provided for in prepared load plan in accordance with the relevant aircraft loading manual
4 Complete and process required documentation	4.1 Relevant documentation is prepared and signed in accordance with workplace procedures and regulatory requirements
	4.2 Documentation is processed and dispatched to relevant personnel in accordance with workplace procedures, local airport instructions and relevant regulatory requirements

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.

Relevant people consulted during acceptance of freight for air transport must include one or more of the following:	• customers • dangerous goods experts and advisors • experts and advisors on transporting animals and livestock • experts on other special categories of air freight • flight crew • other members of the work team/s • perishable goods experts and advisors • supervisors and managers • technical staff
Types of freight must include one or more of the following:	• allowable dangerous goods • diplomatic items • fragile goods • general freight • hazardous materials • human remains • live freight • loose freight • mail/express • passenger baggage • perishable goods • valuables
Hazards must include one or more of the following:	• contamination of, or from, materials being handled • dust/vapours • hazardous or dangerous materials • spill, leakages, ruptures

Unit Mapping Information

This unit replaces and is equivalent to AVIL3003B Plan an aircraft load.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=4725260a-0af3-4daf-912b-ef1c2f 3e5816