

**Specification of Competency Standards**  
**for the Logistics Industry**  
**Unit of Competency**

Functional Area - Cargo Transport and Handling

Title	Calculate aircraft load trimming
Code	LOAFCT402B
Range	This unit of competency is applicable to airlines or unit load devices. Practitioners should be capable to calculate the aircraft load trimming accurately according to the actual cargo condition and company's operational guidelines.
Level	4
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess basic knowledge of aircraft load trimming</p> <ul style="list-style-type: none"> <li>• Understand the aircraft type and the structure and location of cargo space, such as front or aft compartment, upper or lower deck, etc.</li> <li>• Understand the concept of physical form and physical balance of aircraft</li> <li>• Understand the elements of aircraft load, such as fuel, cargo, mails, etc.</li> <li>• Know about the load limit of the aircraft and the cargo space</li> <li>• Know about the load limit of different kinds of loading devices and pallets</li> <li>• Know about the concept and calculation of permitted aircraft load</li> </ul> <p>2. Calculate aircraft load trimming</p> <ul style="list-style-type: none"> <li>• Collect the aircraft cargo manifest</li> <li>• Collect instructions on special cargo or condition such as over-weight cargo, special cargo, cargo to be placed at specified space, etc.</li> <li>• Make use of the trim sheet and trim diagram for calculation according to procedures</li> <li>• Use software for calculation if computer software and programme are available</li> <li>• Analyse the results of calculation to judge the need and possibility for cargo allocation</li> <li>• Consolidate the results of calculation into instructions for loading to be handled by apron staff</li> </ul>
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <ul style="list-style-type: none"> <li>• Capable to calculate the aircraft load trimming accurately according to the actual cargo condition and company's operational guidelines</li> </ul>
Remark	