

Weapons (Munitions) Load Crew Training Facilities. FAC: 1711

CATCODE: 171875

OPR: AF/A4LW

OCR: N/A

1.1. **Description.** Responsibility for the weapons loading crew training rests with the Operations Group or Maintenance Group Commanders. The purpose of the training is to ensure that loading crews acquire and maintain the knowledge and physical proficiency necessary to perform their functions in a safe and efficient manner.

1.2. **Requirements Determination.** The training is conducted in a lecture classroom and on an aircraft parked either in a facility dedicated to load crew training or in available covered aircraft maintenance space (dock or hangar) designated for training use. It is recommended that bomber aircraft have dedicated load-training facilities; however, where not practical, inside facilities should be provided to the maximum extent possible during periods of extreme inclement weather. Responsibility for the munitions loading crew training rests with the Squadron Commander and munitions supervision.

1.3. Scope Determination.

1.3.1. Adequate office and classroom space with appropriate heating and cooling are required in the academic and practical training area. Additional storage space for weapons training aids, support equipment, and tool kits may be required. Facility assets and deficiencies are determined under procedures given in **paragraph 1.1. General Guidance**. Space requirements are determined under **Table 1.3** and **1.4** in **Facility Class 6** and the guidance in **paragraph 1.1.4**. As per paragraph 1.1.4, space requirements can be increased to provide needed storage and handling space for training aids (munitions items). When the classroom adjoins the dock or hangar containing the training aircraft, the training aids can usually be stored in the larger space.

1.3.2. The need to provide covered space for the training aircraft under **CATCODE 171875** is determined based on a study that encompasses (a) the feasibility of conducting the training outdoors and (b) the possibility that training requirements can be satisfied through part-time occupancy of space in existing covered aircraft maintenance space or in space to be acquired to meet a deficiency in covered maintenance space. Design requirements for space occupied either full- or part-time for training include provision of interior environmental conditions that support and enhance execution of the training mission. The space requirement for facility acquisitions under **CATCODE 171875** is established by the dimensions of the selected training aircraft plus minimum clearances necessitated by safety, training, and storage needs.

1.4. **Dimensions.** See **paragraph 1.3** and **Table 1.3** and **1.4** in **Facility Class 6** of this Manual.

1.5. **Design Considerations.** This facility should be near the operational parking apron to facilitate towing of designated aircraft utilized for load crew training. If operation of an aircraft's Auxiliary Power Unit (APU) is needed during load crew training, include

facility design considerations to properly purge the APU exhaust, provide adequate ventilation and fire protection, and provide sound abatement for adjacent training classrooms or office areas.