

Aero Club. FAC: 7414

CATCODE: 740317

OPR: AF/A1S

OCR: AFSVA

1.1. **Description.** An Armed Forces aero club is a recreational flying activity approved under pertinent regulation that is located on or near a military installation and used by authorized personnel.

1.2. **Requirements Determination.** The activity requires hangar space for aircraft maintenance and for aircraft storage during inclement weather. It also requires multipurpose space for administration, training, classrooms, operations, scheduling, safety meetings, and flight planning. Space allowances, based on the number of aircraft operated by the club, are given in **Table 1.1**.

1.3. **Scope Determination.** **Table 1.1** shows authorized scope only, not the scope that may be approved. Base the scope used for programming, budgeting and design on need as documented by a professional, in-depth market survey. The scope is also influenced by the Services NAF construction prioritization system, which encourages economy in scope and composite facilities. The scope can be influenced by PVA studies. Because of higher utilization of overseas facilities, consider adding 5 to 10 percent to the authorized scope for these facilities (including Alaska and Hawaii). DoD civilians assigned to overseas facilities are to be counted as active duty strength for facility sizing purposes (including Alaska and Hawaii). Contact MAJCOM Director of Services for current criteria and guidelines.

1.4. **Dimensions.** See **Table 1.1**.

1.5. **Design Considerations.** Base the design on commercial standards for general aviation aircraft hangars.

Table 1.1. Space Allowances for Aero Club Facilities.

Number of Aircraft	Gross Area ¹			
	Hangar Space		Multipurpose Space	
	m ²	ft ²	m ²	ft ²
1	84	900	46	500
2 to 5	214	2,300	93	1,000
6 to 10	353	3,800	111	1,200
11 to 15	492	5,300	139	1,500
16 to 20	632	6,800	158	1,700
For each additional 5 aircraft, add	139	1,500	35	375

NOTES:
1. Mechanical equipment room space as required should be added to the gross areas shown when determining a single gross area figure for each facility.