

## **Vehicle Parking Operations. FAC: 8521**

CATCODE: 852261

OPR: AFCEC/COS

OCR: AF/A4LE

1.1. **Description.** This facility provides parking space for organizational vehicles at two types of locations: The main pool, normally adjacent to Vehicle Operations Administration (**CATCODE 610121**), and authorized sub-pools at the operating site or adjacent to the operating location of designated activities whose function requires 24-hour access to a substantial number of their assigned vehicles. Obtain authorization to establish a sub-pool from the transportation office. (The term sub-pool does not apply to any parking space identified by other category codes, space reserved for a few organizational vehicles in non-organizational parking areas [see **CATCODE 852262**], on-street parking spaces, or in an activity's storage yard).

1.2. **Requirements Determination.** Typical organizations requiring sub-pools are CE, hospital, communications, security forces, aircraft maintenance, and vehicles exempt from pooling by DoD or Air Force. Vehicle operators use pool and sub-pool space to perform daily and weekly maintenance on their equipment.

1.2.1. Pools and sub-pools require a paved or stabilized surface. The vehicle operations central pool requires floodlighting, a security fence at least 1.8m (6ft) high, and one or more controlled paved entrances. These features are provided at sub-pools only when the operation presents a special need for safeguarding and night lighting.

1.2.2. One of the major sub-pools is operated by CE. The facility is usually a part of the CE complex and usually adjoins the Base Civil Engineer Open Storage, (**CATCODE 452255**) and the Base Engineer Pavement and Grounds Facility (**CATCODE 219943**). Due to the type of vehicles parked in this sub-pool, facilities for washing, consisting of wash racks and steam cleaning equipment, are necessary. Provide one open wash rack space for each 25 assigned vehicles.

1.3. **Scope Determination.** Determine the quantity required at the main pool and at individual sub-pools with the following steps.

1.3.1. Using the base Vehicle Authorization List, identify all vehicles for which the Base Transportation Officer is responsible.

1.3.2. Subtract all vehicles that are regularly parked at open locations other than the pools and sub-pools described above. Also, subtract those regularly parked (or to be parked) in buildings and sheds such as Base Engineer Pavements and Grounds Facility (**CATCODE 219943**), Vehicle Operations Heated Parking (**CATCODE 214426**), Vehicle Operations Parking Shed (**CATCODE 214428**), Fire Station (**CATCODE 730142**), and Ambulance Shelter (**CATCODE 510264**).

1.3.3. Among the remaining vehicles, identify those assigned to the main pool and each sub-pool. Then, refer to Table 1 to obtain the required amount of vehicle parking space.

1.3.4. Refer to **CATCODE 123335** if a vehicle fueling station is to be collocated

with the main pool or sub-pools.

1.4. **Dimensions.** Space requirements are given in Table 1.

1.5. **Design Considerations.** See UFCs 3-250-01FA and 3-250-18FA. Facility design includes, as an integral component, provisions to preclude discharge of pollutants to the surrounding atmosphere, ground, or waters. Consult AFI 32-7041 for additional guidance on wastewater and storm water collection, treatment and disposal compliance.

**Table 1. Parking Space Requirements for Vehicle Operations Parking.**

Vehicle Space Factors	Gross Area	
	m <sup>2</sup>	yd <sup>2</sup>
50-100	3,180	3,800
101-150	4,870	5,825
151-250	8,110	9,700
251-350	11,400	13,600
351-450	14,600	17,500
451-650	21,100	25,250
651-850	27,200	32,500
851-1,000	34,700	41,500