

RAPCON Center: FAC: 1331

CATCODE: 134375

OPR: AFFSA

OCR: AFNIC, AF/A3O, AFCEC/COS

1.1. **Description:** A terminal air traffic control facility using radar and non-radar capabilities, the RAPCON Center provides approach control services to aircraft arriving, departing, or transiting airspace controlled by the facility. It can provide radar ATC service to one or more civil and/or military airports in a terminal area.

1.2. **Requirements Determination:** This facility may provide services of a ground controlled approach (GCA), i.e., Airport Surveillance Radar (ASR) and Precision Approach Radar (PAR) approaches. Consult the *Air Traffic Control Tower and Radar Approach Control Facility Design Guide* and UFC 3-260-01 for additional information and guidance.

1.3. **Scope Determination.** A normal, one-base RAPCON facility requires a one-story facility of 561 m² (6,034 ft²). Additional equipment requirements or the need to provide services to more than one base may be justification for expansion to a second story of 348 m² (3,750 ft²). The RAPCON should not house radio transmitters or receivers (other than emergency alternate use). Primary and alternate radios should be located at separate transmitter and receiver sites.

1.4. **Dimensions.** See paragraph 1.3 above.

1.5. **Design Considerations.** RAPCON and GCA services can be provided from fixed, semi-mobile, or mobile facilities. See UFC 3-260-01.