

RAPCON Support Building (GCA/RAPCON Support Building). FAC: 1331

CATCODE: 134341

OPR: AFFSA

OCR: AFNIC, AF/A3O

1.1. **Description.** Mobile and semi-fixed facilities require an operations/maintenance crew and an alert/maintenance facility providing support space for the workers who normally operate the equipment up to 24 hours per day.

1.2. **Requirements Determination.** This facility includes space for training/study, rest and duty standby, administration, maintenance shop, test equipment storage, kitchen, and latrine. Consult the *Air Traffic Control Tower and Radar Approach Control Facility Design Guide* and UFC 3-260-01 for additional information and guidance. See AFI 32-1063 for primary power and backup power and AFI 32-1065 for standards on electrical grounding requirements.

1.3. **Scope Determination.**

1.3.1. The semi-fixed support facility is located adjacent to the relocatable fiberglass shelter, providing space for 8 to 12 workers and containing 102 m² (1,100 ft²). It includes an enclosed walkway between the operations shelter and the support building when practicable. The facility does not contain active radar elements because data is routed into it by microwave or cable. Therefore, the shelter and support building should be located to take advantage of existing base support items such as utilities, access roads, and parking areas.

1.3.2. The mobile support facility is located adjacent to the mobile RAPCON vans and provides space for six to ten workers, requiring 89 m² (960 ft²). If utility connections cannot be made to existing base utilities, install a septic tank and underground potable water storage tank.

1.3.3. Siting of the mobile support facility requires a deviation from the standard airfield criteria, but siting of the semi-fixed support facility does not. Obtain a waiver to site the mobile facility from the MAJCOM. See Chapter 6 (on relocatable facilities) of AFI 32-1021 and Section 13 of UFC 3-260-01 for further information on deviations from criteria for airfield support facilities.

1.4. **Dimensions.** See paragraph 1.3.2 and 1.3.3 above.

1.5. **Design Considerations.** Consult the latest *Air Traffic Control Tower and Radar Approach Control Facility Design Guide* and UFC 3-260-01 for additional information and guidance.