

## **Radio Beacon Facility. FAC: 1341**

CATCODE: 134422

OPR: AFFSA

OCR: AFNIC, AF/A3O, AFCEC/COS

1.1. **Description.** These facilities are non-directional aids used to provide homing, fixing, and air navigation assistance to aircraft with suitable automatic direction finding (ADF) equipment installed.

1.2. **Requirements Determination.** (Medium Power Low Frequency Beacon [AN/URN-5 or Equivalent]). This facility is designed to meet all requirements for a low- frequency homing beacon facility for area coverage and terminal approach purposes, and is used for air route support where extreme ranges are not mandatory. Medium power beacons often are used to mark compulsory reporting points on airways or otherwise establish routes not specifically associated with an air base.

1.3. **Scope Determination.** See UFC 3-260-01.

1.4. **Dimensions.** See UFC 3-260-01.

1.5. **Design Considerations.** The AN/URN-5 has a power output that is variable from 25 to 400 watts. This equipment is furnished either with or without shelter. When the shelter is provided, a foundation and appropriately sized emergency power building are needed. When the equipment is authorized for permanent installation, construction of a suitable building is required. Where shelters or existing buildings are not available or suitable, radio homing beacons require building construction.

