

ILS Marker Beacon. FAC: 1341

CATCODE: 134355

OPR: AFFSA

OCR: AFNIC, AF/A30, AFCEC/COS

1.1. **Description.** The markers are used with the ILS and low powered markers of approximately two watts output, operating on a frequency of 75 megahertz and radiating similar vertical, fan-shaped field patterns.

1.2. **Requirements Determination.** See ILS Glide Scope (**CATCODE 134351**), UFC 3-260-01, and UFC 3-535-01.

1.3. **Scope Determination.** See UFC 3-260-01 and UFC 3-535-01.

1.4. **Dimensions.** See UFC 3-260-01 and UFC 3-535-01.

1.5. **Design Considerations.**

1.5.1. The outer marker is located on the extended runway centerline directly beneath the point established for aircraft interception of the glide slope.

1.5.2. The latest solid state marker beacon, AN/GRN-32, is housed in a cabinet mounted on a 0.9 m by 2.1 m (3 ft by 7 ft) staging platform, or on a pole. The AN/GRN-32 uses a yagi antenna and does not require a counterpoise. The AN/GRN-32 minimum plot size is 6.1 m² (20 ft²).