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**Joint Electronics Type Designation System Item Name:**

Landing control

**Joint Electronics Type Designation System Item Type Number:**

An/mpn-14, fpn-62

**Err Default:**

Err default

**Reflecting Elementdiameter:**

30.000 inches

**Reflecting Element Frequency Rating:**

Between 435.0 hertz and 6.0 kilohertz

**Usage Design:**

Required, not supplied oscilloscope & frequency counter

**Special Features:**

C/o waveguide assembly, parabolic reflector, battery box, solar panel, mounting pole, radar target simulator technical manual

**Functional Description:**

Use on combined s- and x-band mtisystems; serving as markers for both systems, provide a common end-of-runwaymarker on both the search & precision indicators

**Relationship To Similar Equipment:**

Similar to sm225/gp however all the electronics have been changed

**Supplementary Features:**

Frequency bandwidth s- & x-band; rf pulse, squarewave; voltage requirements 4.0 vdc min. & 4.6 vdc max; source 2vdc batteries, solar panel complemented; incident power 150 mw; temperature limitations -20 degrees c to+85 degrees c, or as imposed by battery/get cell specifications

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T222-b