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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