

View Online at <https://aerobasegroup.com/nsn/4920-00-838-7895>

Overall Height:

22.500 inches

Overall Diameter:

30.000 inches

Frame Material:

Metal

End Application:

An/gpn-4, an/mpn-11

Joint Electronics Type Designation System Item Name:

Simulator, radar target

Joint Electronics Type Designation System Item Type Number:

Sm-225/gp

Err Default:

Err default

Reflecting Element Diameter:

30.000 inches

Err Default:

Err default

Reflecting Element Frequency Rating:

Between 8500.0 megahertz and 9600.0 megahertz

Reflecting Element Material:

Aluminum

Err Default:

Err default

Frame Surface Treatment:

Painted

Usage Design:

Target used to align ground radar to direct the aircraft

Special Features:

Reflects a radar signal to simulate a moving target by electronic phase modulation, no moving parts, target is able to reflect a signal, which appears to the radar set as from a moving object and thereby avoids signal cancellation when the radar set is operated on mti, response prf is variable by adjustment of battery voltage, unit will mount on any steel or aluminum pole with a wall thickness of 1/16 in. And from 2 to 3 1/2 in. In dia.

Functional Description:

Used to establish a fixed range and angle point on the display of any radar set of appropriate prf and freq; the reflected signal is phase modulated in relation to the received signal; will appear as an acceptable target to the radar set whether radiation polarization is horizontal, vertical or circular; will also appear as an acceptable target when radar set is operated on normal or mti

Fsc Application Data:

Radar set, nonairborne except fire control and guided missile

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli