

View Online at <https://aerobasegroup.com/nsn/5840-01-300-0079>

Overall Length:

393.000 inches

Overall Height:

173.000 inches

Overall Width:

173.000 inches

Ac Voltage Rating:

Between 120.0 volts and 208.0 volts

Frequency Rating:

400.0 hertz

End Application:

Radar set, an/tps-7 (v) 1

Joint Electronics Type Designation System Item Name:

Radar set

Joint Electronics Type Designation System Item Type Number:

An/tps-7 (v) 1

Electrical Power Source Relationship:

Operating

Usage Design:

Radar set with tracker

Transmitted Signal Frequency Rating:

Between 2900.0 megahertz and 3100.0 megahertz

Transmitter Channel Quantity:

16

Received Signal Frequency Rating:

Between 2900.0 megahertz and 3100.0 megahertz

Installation Design:

Transportable

Phase:

Three

Special Features:

Includes tracker; towable by suitable vehicle when mounted on wheeled mobilizers

Functional Description:

Highly transportable, by air or ground vehicle: propagates electromagnetic waves into space and utilizes the reflection for purposes of detection, ranging, and height evaluation of distant aircraft, with extended range moving target indicator and antenna tilt capability; includes 2 operating ppi positions; operable when mounted on ground or on stationary truck bed

Relationship To Similar Equipment:

Similar to an/tps-72, an/tps-7 (v)1, an/tps-70(v)2, an/tps-70(v) 3

Supplementary Features:

Functionally interchangeable with an/tps-72 except: tracker capability has been added by factory modification, communication equipment does not have vocom

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

Yes - demil/mli

Fig:

T208-a