

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