

View Online at <https://aerobasegroup.com/nsn/5840-01-337-3590>

**Ac Voltage Rating:**

Between 120.0 volts and 208.0 volts

**Frequency Rating:**

60.0 hertz

**End Application:**

Radar system, an/fps-11 (v)

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

Radar system

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

An/fps-11 (v) 4

**Electrical Power Source Relationship:**

Operating

**Transmitted Signal Frequency Rating:**

Between 1000.0 megahertz and 2000.0 megahertz

**Received Signal Frequency Rating:**

Between 1000.0 megahertz and 2000.0 megahertz

**Installation Design:**

Fixed

**Phase:**

Three

**Special Features:**

A minimally attended radar (mar) that is a frequency agile I-band radar with an array antenna that electronically phase scans a pencil beam in elevation while continually rotating a 5 rpm to provide real-time tri-coordinate radar data and beacon replies on all targets within the surveillance volume

**Functional Description:**

Wprovides information to meet the following reqmts: long range detection of and height information on all friendly, hostile, or unidentified aircraft; control capabilities for identification, air defense, tactical air control for close air support, counter-air operations for tactical fighter interceptor aircraft, and military airlift; routine and emergency navigational assistance for all military and civilian aircraft operating within the surveillance area of the designated air space; sufficient accuracy of position and altitude information associated with each detected aircraft to permit employment of existing manned interceptor aircraft; sufficient internal performance monitoring and fault isolation to support the minimal manning concept

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

T208-a