

View Online at <https://aerobasegroup.com/nsn/5825-00-786-1134>

**Ac Voltage Rating:**

Between 95.0 volts and 125.0 volts

**Frequency Rating:**

Between 45.0 hertz and 66.0 hertz

**End Application:**

An/mrn-7; an/mrn-8; an/arn-21; an/arn-52

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

Beacon-transponder set, tacan

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

An/trn-17

**Electrical Power Source Relationship:**

Operating

**Internal Battery Accommodation:**

Not included

**Transmitter Channel Quantity:**

126

**Receiver Channel Quantity:**

126

**Installation Design:**

Mobile

**Input Frequency Rating:**

Between 1025.000 megahertz and 1150.000 megahertz

**Output Frequency Rating:**

Between 962.000 megahertz and 1213.000 megahertz

**Phase:**

Single

**Functional Description:**

Provides 100 properly equipped aircraft w/azimuth bearing and range info orrange info only to beacon site when positioned within the line-of-sight coverage area

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T199-d