

## AN/APX-100(V) Transponder Set

Status: STD-To be determined; NSN: 5895-01-053-1334 (RT-1157)  
NSN: 5895-01-063-4019 (RT-1285)  
NSN: 5895-01-063-4020 (RT-1296)

Reference: TB 43-0123

### General Information

The AN/APX-100(V) is a lightweight, space diversity transponder. Its function is to receive RF interrogations from two antennas and to transmit a reply to the antenna from which the stronger interrogation signal was received.

### Technical Characteristics

Frequency Range:

Transmit-----1090 MHz

Receive-----1030 MHz

Number of Channels:

Transmit-----1

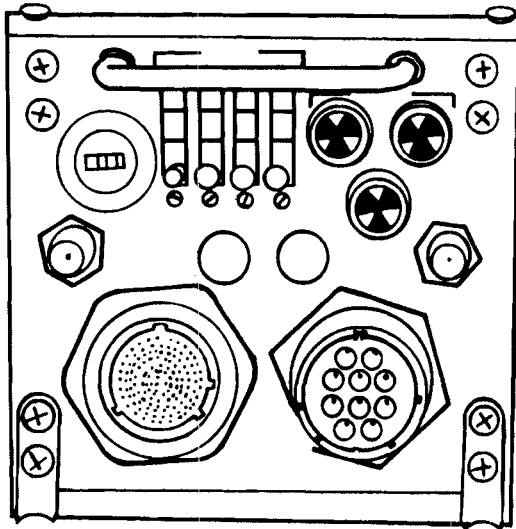
Receive-----1

Power Input -----28 V DC at 35 W

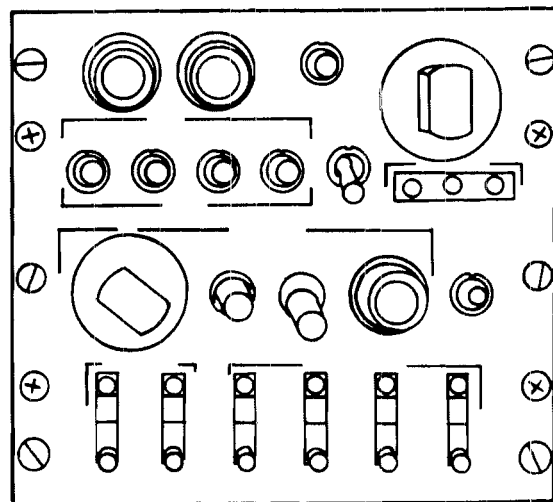
Power Source-----Aircraft power system

Antenna-----AT-741/A or AT-884/APX vertically  
polarized, omnidirectional

### AN/APX-100(V) Transponder Set



RECEIVER/TRANSMITTER  
RT-1157/APX-100(V)



CONTROL,  
TRANSPONDER SET  
C-10009/APX-100(V)