RADIO SET MZ-1

FUNCTIONAL DESCRIPTION

The MZ-1 is designed as a mobile type transmitting and receiving set. It provides two way communication with a similar fixed or mobile equipment operating on the same frequency. A single antenna is used which receives or transmits in accordance with the operation of an antenna relay in the transmitter. This equipment employs a dynamotor power supply operated from the 12 volt storage battery.

No field changes in effect at time of preparation (21 March 1960).

ELECTRICAL AND MECHANICAL CHARACTERISTICS

TRANSMITTER DATA
TYPE OF EMISSION: A1 type, 40 W max; A3 type, 30 W max.
NUMBER OF BANDS: 3 bands.
FREQUENCY RANGE: 1500 to 12,000 kc.
RECEIVER DATA
TYPE OF EMISSION: A1, A3 types.
NUMBER OF BANDS: 3 bands.
FREQUENCY RANGE: 1500 to 12,000 kc.

OPERATING POWER RQMT: 12 v DC, internal battery.

TUBE AND/OR CRYSTAL COMPLEMENT

Electron Tube and/or Crystal Data not available.

REFERENCE DATA AND LITERATURE

NAVSHIPS 95147: Technical Manual for Radio Set MZ-1.
Nomenclature Card MZ-1 for Radio Set.

TYPE CLASSIFICATION (NAVY)
DESIGN COGNIZANCE NAVY BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Dynamotor Assy NT No. 21881	7 X 7-5/8 X 12-7/8	
1	Headset Nt No. 49507	3/8d X 2-1/32 dia	
1	Radio Receiver NT No. 46159	11 X 11-3/4 X 11-13/16	
1	Radio Transmitter NT No. 52245	11-3/16 X 11-11/16 X 13-3/4	