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STATION, RADIO, 128

TECHNICAL HANDBOOK - DATA SUMMARY

PART NO 21/ZA 54520

ROLE

The equipment is a portable h.f. transmitter-receiver for use in airborne operations.

DESCRIPTION

The receiver is a superhet suitable for the reception of c.w., m.c.w. and r.t. signals. The transmitter, which can only be used for c.w., is crystal controlled and can be matched to almost any antenna system likely to be used. A plug-in wander-light is supplied for use at night.

PHYSICAL DATA

Weight: 17 3/4 lb - complete equipment
13 lb - less batteries
Width: 12 in.
Height: 15 in.
Depth: 6 1/2 in. - closed. 19 in. - open

Issue 1, 19 Feb 64 Distribution - Class 335. Code Special
CLIMATIC RANGE

Temperature 0-50 deg C

OPERATIONAL DATA

Netting facilities are available which enable two or more stations working on the same frequency to be standardized.

PERFORMANCE

The equipment has a range of approximately 15-20 miles.

ELECTRICAL DATA

Carrier frequency

2-8 Mc/s in two bands:

Band 1: 2-4 Mc/s
Band 2: 4-8 Mc/s

Power levels

Transmitter: Power output approximately 1W
Receiver: Sensitivity 15-40μV dependent on frequency giving >15dB signal-to-noise

Antenna

A single antenna wire of 100 ft is supplied wound on a bakelite card and stowed in the lower right-hand compartment.

POWER REQUIREMENTS

Qty 4 Y3/6135-99-910-1123 Battery, dry, h.t., 67.5V, No 1

Qty 1 Y3/6135-99-910-1138 Battery, dry, l.t., 1.5V, No 11

Qty 1 Y3/6135-99-910-1137 Battery, dry, l.t., 1.5V, No 14
Fig 1 - Station, radio, 128

END