

(ARMY TYPE S.R. A43R MK.2)**SUMMARY OF DATA****PURPOSE**

A UHF portable, Transmitter/Receiver with beacon facilities, designed for ARMY manpack or ground station use.

FREQUENCY RANGE

240-300 MHz (six spot frequencies).

CHANNEL SPACING

100 kHz.

TYPE OF EMISSION

Voice	A.M.	(A3)
Beacon	cw	(A0)
Beacon	mcw	(A2)

POWER SUPPLY

Rechargeable, sealed 12 V battery, or from an external 12 V supply. Battery life is 12 hours on RECEIVE only; 2 hours on normal voice operation. For beacon use an external supply should always be used.

POWER OUTPUT

2 Watts.

WORKING RANGES

Ranges in statute miles depend on the type of terrain, height of the distant station, and the aerial used. Using the manpack about 4 miles is normal, but if the distant station is at 5000 ft a range of 45 miles is possible. With the Discone Antenna, up to 160 miles has been obtained with the distant station at 30 000 ft high.

WEIGHT

For manpack use 24 lb (approx.).

RN HANDBOOK

BR 2365

ESTABLISHMENT LIST

E1386

