Receiver Radio R-220/URR, Part of AN/URR-29



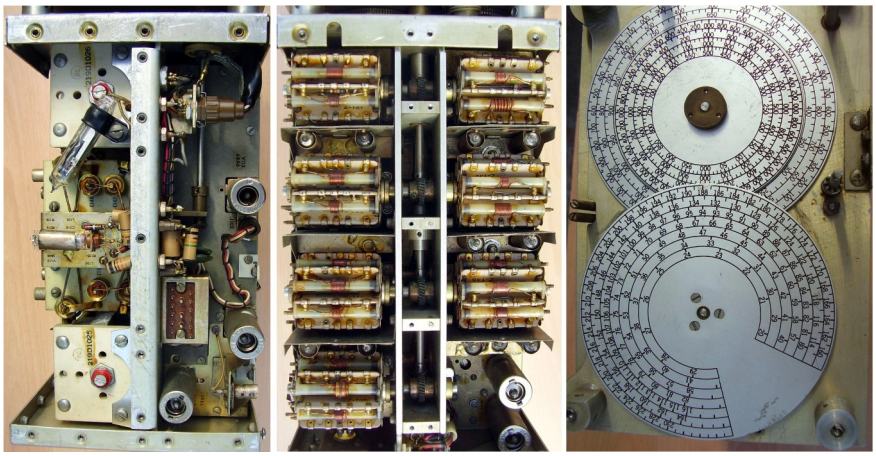
Radio receiver covering from 20 to 237 MHz in seven overlapping bands. AM, FM, CW reception, IF bandwidth selectable from 10 to 200 kHz. Manufactured around the mid fifties by Motorola upon a Collins design. This huge ground receiver, about 40 kg, was often seen as the VHF version of the SW R-390.

115 / 230 VAC supply.

Modular construction, with the IF chassis in the bottom, tubes being accessed from below, and RF deck and power supply plugged over the IF section.

Total 42 tubes as follows:

- RF deck: 16 tubes, 4 each 6AU6, 1 each 6BA6W/5749, 7 each subminiature 5840, 4 each subminiature 5718.
- IF base: 25 tubes including 1 each 0B2, 2 each 6AK6, 6 each 6AL5, 7 each 6AU6, 7 each 6BA6W/5749, 1 each 12AT7 and one ballast THF10.
- Power supply: one 5R4WGY.



- Three views of the RF deck removed from the chassis.