### Wireless for the Warrior - Volume 4

# Supplement Chap. 196 - 1



### R-352 Country of origin: Russia

## DATA SUMMARY

Design/Manufacturer: Russia.

Year of Introduction: Estimated early 1970s.

**Purpose:** Special forces, border troops, reconnaisance.

#### Transmitter/receiver:

**Frequency coverage:** Three crystal controlled channels in the range 44-50.3MHz. FM voice. Channel spacing 300kHz.

**Receiver:** Sensitivity 2 µV, IF 1.880kHz. **Transmitter:** Receiver oscillator + 1.880Khz.

RF output: 0.8W. Freq. Deviation: ±8kHz.

Specified range: 5km with Kulikov aerial.

Aerial: Kulikov, counterpoise and long wire aerial.

**Power Supply:** 2x Silver-zinc rechargeable batteries type SZD-12, 1.5V at 12Ah.

Size (cm): Height 19, length 10.55, width 22 Weight: 3kg.

Accessories: Cheek microphone with single headphone assembly, Kulikov aerial, counterpoise, carrying bag.



Side view of parent set, R-126, with opened protective cap. Note tuning control and frequency dial with a lens.

#### References:

'Nachrichentechnik der Nationalen Volksarmee, Teil 2', Günther Fietsch, DL9WSM, ISBN 3881803408, 1996. REMARKS

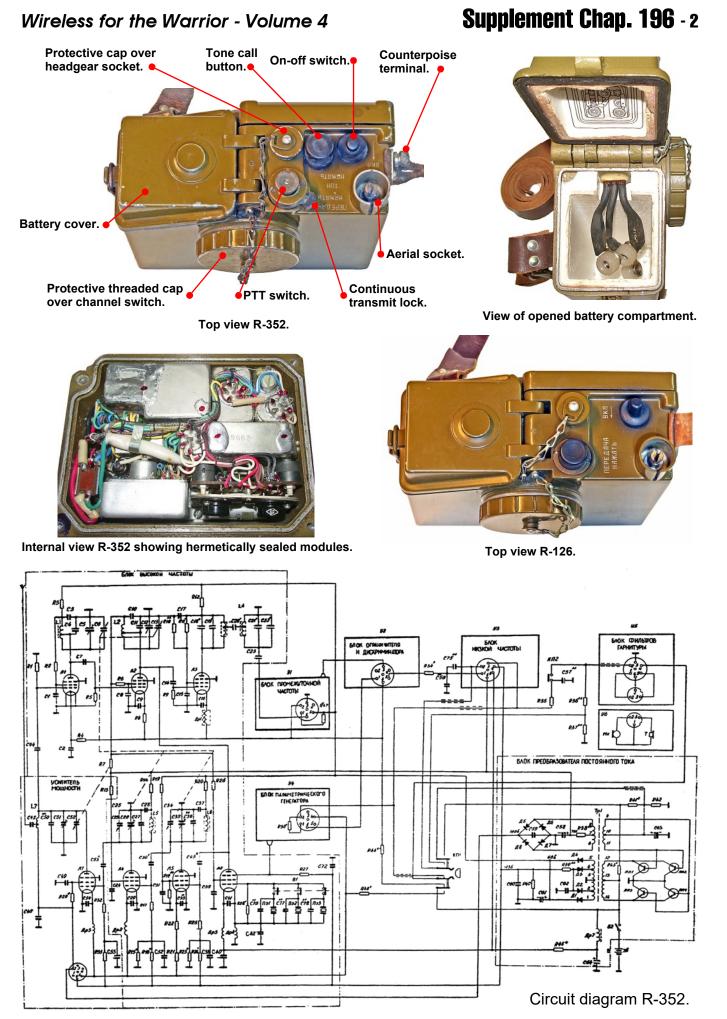
Radio station R-352 (Russian COKOJ = Sokol, translated to Falcon, a bird of prey) was a fully transistorised VHF FM transceiver. It was primarily developed for special forces, e.g. KGB front reconnaissance (Razvedgrupp), and para's. The radio was based on the R-126 which at first glance looks identical. Main differences were three crystal controlled channels, whereas the R-126 had continuous tuning.

The R-352 was replaced in the 1980's by the R-392 and R-392-A (Sokol-M).

Complete R-352 in operational setup. Note Kulikov aerial and cheek microphone/single earphone assembly. The Silver Zinc batteries were placed in the left hand compartment which had a hinged lid.



© This WftW Volume 4 Amendment is a download from www.wftw.nl. It may be freely copied and distributed, but only in the current form.



© This WftW Volume 4 Amendment is a download from www.wftw.nl. It may be freely copied and distributed, but only in the current form.