

Hvězda 5A
 'Star 5A'
 Country of origin:
 Czechoslovakia

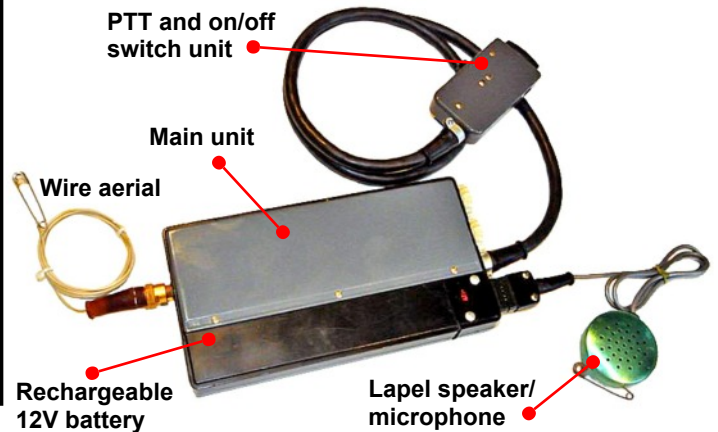
REMARKS

The body worn miniature VHF FM transceiver Hvězda 5A (translated 'Star 5A') was the covert name of project number TII-545. Developed and produced in Czechoslovakia, it was primarily intended for covert operations replacing the Hvězda 4 (see Chapter 88) in a slightly different role.

The 'Star 5A' had a robust construction comprising an aluminium frame in which were fitted a number of modules. A 12V rechargeable battery was clipped in position at the side. It was recorded that quite a number of components used to build the radio were acquired from Western sources. The lapel speaker-microphone was connected via a miniature Tuchel connector, which had no locking mechanism, and tended to loosen easily during an action.

DATA SUMMARY

Organisation: ŠTB - Štátna bezpečnosť (Secret State Police) and possibly Správa 1 - rozviedka (Government, Department 1, espionage).
Design/Manufacturer: Správa 6 - spojovacia technika 2. (Government, Department 6, communication technics 2).
Year of Introduction: 1967.
Purpose: Covert surveillance/observation operations.
Transmitter-receiver:
Frequency range: One channel in the 80MHz band.
Circuit features: PM. Crystal control.
RF output: 300mW.
Power Supply: 12V rechargeable Nicad battery.
Size (mm): Height 170, length 20, width 86.
Weight: 450g. (Main unit without accessories)
Accessories: Spare battery, lapel speaker/microphone, flexible wire aerial, linen body harness.



Operational Hvězda 5a held in a linen carrying harness.



Internal view of a Hvězda 5a showing the modules embodying all the electrical circuits, held in an aluminium frame.

References:

- Photographs and information was published with kind permission from Petr, OK1PM. For more info see his interesting website Zelena Vlna (Green wave): www.zelenavlna.com