

The invention relates to the automatic search systems, namely to emergency unhooked parachute search systems. The emergency unhooked parachute search system contains a radio buoy device located in a ball of the auxiliary parachute, an automatic launching device, fixed on the inside of the parachute backpack straps under the unhooking pillow of the unhooking device, and a search device connected to a small-sized portable personal computer, equipped with a built-in GPS-receiver.

The radio buoy device contains an active GPS antenna (4), connected to the GPS-receiver (3), connected to the microcontroller (11), which is connected to the power supply controller (12) connected to a storage battery (13), to an analog-digital converter (16), a volatile memory (10), a USB interface (6), a launching button, a real-time clock (14) and a digital ISM transceiver (15) with omnidirectional ISM antenna (17).

The automatic launching device contains an MCU microcontroller, which is connected to the volatile memory, USB interface, real-time clock and analog-digital transceiver with omnidirectional ISM antenna, and the controller of power supply of all devices, connected to a storage battery.

The search device includes an MCU microcontroller, which is connected to the USB interface and digital ISM transceiver with omnidirectional ISM antenna.

Claims: 3

Fig.: 7

