

KR-1
Reserve Parachute System



SYSTEM INFORMATION

OVERVIEW

The KR-1 Reserve Parachute System is a chest-mounted reserve designed to protect the jumper in the event of main parachute failure. It is typically used with the KK-1 Main Parachute System and for reserve parachute training.
The KR-1 features a 50 m^2 canopy housed in an envelope-style, four-flap container. It attaches to two quick-release rings on the front of the main parachute harness via an intermediate suspension system, allowing deployment with either hand and visual inspection.

FEATURES

- Manual deployment: Chest-mounted ripcord operation with a pull force of ≤16 kgf
- Non-steerable: No steering controls; subject to wind drift
- Main-reserve compatibility: Designed to function alongside the KK-1 main canopy, including during main parachute malfunctions

APPLICATIONS

- Military personnel: Airborne and air-mobile troops in Russia and CIS countries; standard reserve for the KK-1
- Beginner jumpers: Suitable for personnel with minimal training and first-time jumpers at aviation clubs

TECHNICAL SPECIFICATIONS

Maximum Suspended Weight	140 kg (308.6 lb)
Product Weight	5.2 kg (11.5 lb)
Canopy Type	Round-Square
Canopy Area	50 m^2 (538 ft^2)
Number of Suspension Lines	24
Suspension Line Length	6.3 m (20.7 ft)
Vertical Descent Rate	≤7.5 m/s (120 kg) ≤8.5 m/s (140 kg)
Operating Speed	120–350 km/h
Repack Interval	3 months

SKYEAGLE PARACHUTE