

AS-2000

Cluster Parachute System



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WHERE TECHNOLOGY **»** TAKES FLIGHT

AS-2000 Cluster

CLUSTER PARACHUTE SYSTEM

The AS-2000 is Airborne Systems newest aerial delivery system and a modern replacement for the legacy G-12E. With a 50% reduction in weight and dimension, AS-2000 cargo parachute system is easier to pack, maintain, and deploy for heavy airdrop operations. Our cluster systems can be used in a configuration of 1, 2, or 3 canopies.

Main Parachute

This parachute features a 5% extended skirt polyconical canopy, composed of 60 gores and 5 reinforcement bands. Each AS-2000 Cluster parachute uses two electromechanical dereefers to ensure controlled and reliable openings. Block construction allows for easier patching and suspension lines allow for easy replacing with no requirement for special packing tools or materials.

Rigging & Storage

- No floor fans required
- Lighter weight makes payload rigging easier
- Lower profile when rigged
- Standard 9V batteries - good for life of battery, length of time may vary
- # of people to repack: 2
- Required length of area needed: 96 ft

Specifications

Exit Weight

Minimum / Maximum (1 canopy)	600 - 2,200 lb (300 - 998 kg)
Minimum / Maximum (2 canopies)	2,000 - 4,000 lb (544 - 1,814 kg)
Minimum / Maximum (3 canopies)	3,800 - 5,700 lb (771 - 2,585 kg)

Rate of Descent

Minimum	12 fps (3.7 mps)
Maximum (1, 2, 3)	24, 25, 26 fps (7.3, 7.6, 8 mps)

Assembly Weight

60 lb

Max Aircraft Speed

150 kias

Repack Cycle

1 year

Canopy Nominal Diameter

59.7 ft (18.2 m)

Deployment Bag Dimensions

24 x 22 x 5.5 in

Reefing

8 seconds

Electromechanical Dereeper (2 per canopy)

RS-DR1500