

OCTO-11

Troop Parachute System



AIRBORNE SYSTEMS NORTH AMERICA

sales@airborne-sys.com
airborne-sys.com

CALIFORNIA

3100 W. Segerstrom Avenue
Santa Ana, CA 92704, USA
Tel: +1.714.662.1400
Fax: +1.714.662.1586

NEW JERSEY

5800 North Magnolia Avenue
Pennsauken, NJ 08109, USA
Tel: +1.856.663.1275
Fax: +1.856.663.3028

WHERE TECHNOLOGY **»** TAKES FLIGHT

Octo-11

TROOP PARACHUTE SYSTEM

The OCTO-11 troop parachute is the latest addition to Airborne Systems' portfolio of parachutes. After 10 years of service, the T-11 parachute performance and user feedback were analyzed by our Research and Development team. A major development program was initiated aimed at preserving the unique qualities of the T-11 (soft, consistent openings, slow rate of descent and virtually perfect stability) while reducing the number of components, simplifying rigging, reducing packing time, and improving responsiveness to riser slip maneuvers.

The result is the OCTO-11. This parachute features an octagonal crown and eight arms fitted with horizontal mesh to improve stability. The eight arms are joined to form a continuous hem. The small eight corner vents are meshed to eliminate the risk of jumper entanglement.

The OCTO-11 is composed of 24 shaped gores, providing radials of equal length. The hem is equipped with an anti-inversion net and no slider is required to control the opening.

The unique design of the OCTO-11 allows for smooth progressive opening (4 seconds) and low oscillation after canopy inflation. Two toggles allow the jumper to rotate the canopy along its vertical axis while maintaining its ballistic characteristics. No drive is created, which significantly reduces the chance of canopy collision. Effective riser slip can be induced with minimal force.

Features

- Fully compatible with the T-11R reserve parachute
- Eight arms with meshed corner vents
- Rotate-to-land capability
- Stable, low rate of descent reduces landing injuries
- Traditional packing / 24 lines
- Fits 5th percentile female through 97th percentile male

Specifications

Ordering information (Includes OCTO-11 Main and T-11R Reserve Parachute)

Part number	822900-1
NSN	1670-01-679-3547
Hem diameter	25.5 ft (7.8 m)
Rate of descent at sea level	450 lb (204 kg) AUW <17.5 ft/s (<5.2 m/s)
Maximum aircraft speed	150 KIAS (278 km/h)
Maximum All Up Weight	450 lb (204 kg)
Deployment altitude - Above Sea Level (ASL)	
Minimum	500 ft ± 125 ft (152.4 m ± 38.1 m)
Maximum	13,500 ft (4100 m)
Repack cycle	365 days
Rotate to Land	Average 14 deg/s @ 225 lb (102 kg)