



T-11 Parachute Assembly (ATPS)

Technical Data Sheet

Part Numbers

T-11 Assembly

NSN: 1670-01-539-4525
P/N: 11-1-7050-1

Consist of:

Canopy: 11-1-7051-1
Pack: 11-1-7770-1
D-Bag: 11-1-7063-1
Static Line: 11-1-6993-3
Static Ext. 11-1-6993-2
Harness: 11-1-7722-1
Riser: 11-1-7719-1

T-11R Assembly

Consist of:

Canopy: 11-1-7052-1
Pack: 11-1-7726-1
Ripcord: 11-1-7058-1
Ejector Spring: 11-1-7065-1
Extractor: 11-1-7064-1
Close Loop: 11-1-7067-1
Protect Cap: 11-1-7069-1
Riser: 11-1-7729-1

General Information

The Advanced Tactical Parachute System (T-11) is intended to replace 50,000 T-10 parachute system and will provide the airborne Soldier with the first modernization of the tactical parachute system since the 1950s. It is suitable for a wide range of Soldier sizes, from the 5th percentile female to the 95th percentile male Soldier. It enables a stable, safe rate of descent that reduces landing injuries and permits the parachutist to carry a heavier load.

The T-11 consists of three components: a completely redesigned main, T-11R reserve parachute and the T-11 harness system.

The main canopy is a highly modified version of a cross-cruciform platform, with a 14 percent increase in inflated diameter and a 28 percent increase in surface area compared with its predecessor, the T-10D assembly. The T-11R reserve canopy has an aeroconical design that promotes fast opening of the reserve system during low-speed malfunctions. It also features an omni-directional, center-pull deployment system. The T-11 harness, because of higher placement of the D-rings, is designed to displace opening shock forces on the axis of the jumper's body.

All Canopy Assemblies are manufactured in strict accordance with Personal Parachute U.S. Military Specifications MIL-DTL-6645, MIL-DTL-7567 and MIL-STD-849, latest revisions.

T-11 Series Characteristics

Shape.....	Cross-cruciform platform
Inflated Diameter.....	30.6 feet (9.3m)
Gore material.....	1.1 oz. low-porosity ripstop nylon parachute cloth
Vent line material.....	*Teflon coated suspension lines
Maximum Weight Capacity.....	400lbs (181.4 kg)
Complete Assembly Weight.....	53 lbs
Steerable.....	No
Maximum Jump Wind Speed.....	15 mph (13 knots)
Descent Rate.....	Avg. 18 ft./sec (4.48 m/s)
Minimum Deployment Altitude.....	500 ft (152m)
Maximum Deployment Altitude.....	7500 ft (228m)
Maximum Deployment Speed.....	173 mph (150knots)
Age Life.....	16.5 years
Service Life.....	12 years

