

# T-11

## NON STEERABLE TROOP PARACHUTE SYSTEM

The T-11 non-steerable troop parachute, developed for today's warfighter, replaces the T-10 parachute which has been in service for over 50 years. The T-11 was specifically designed by Airborne Systems to carry a paratrooper, with a total exit weight of 400 pounds safely to the ground. With minimal opening shock, a slow rate of descent and zero oscillation the jumper is provided with increased safety, allowing for successful completion of their combat mission.



This newly designed parachute fits body sizes from the 5th percentile female through the 97th percentile male.

A unique canopy sleeve and slider controlled deployment sequence allows for smooth canopy inflation in about six seconds. As a result, the T-11's opening shock has been greatly reduced, especially when compared with conventional systems.

The unique design of the main canopy allows for minimal oscillation after canopy inflation, even after lowering the combat load. The T-11 achieves a lower rate of descent by having a canopy that is 28 percent larger than the T-10, resulting in a remarkable reduction in landing injuries; greater than 75% over 3,000 jumps.

### T-11 MAIN PARACHUTE PHYSICAL CHARACTERISTICS

System NSN / Part Number	1670-01-539-4525 / 11-1-7050-1 (Includes both T-11 Main and T-11R Reserve Parachute Systems)
Hem Diameter:	28.6 ft (8.72m)
Rate of Descent at Sea Level (400 lb; 181.4 kg AUW):	Less than 5.48 m/s (18 ft/s)
Main Parachute, Harness and Pack Tray Weight:	36.8 lbs (16.56 kg)
Maximum Aircraft Speed:	150 KIAS (278 km/h)
Maximum All Up Weight:	180 kg (400 LB)
Oscillation Angle:	Less than 5 degrees
Minimum Deployment Altitude:	500 ft (152.4 m) +/- 125 ft Above Sea Level (ASL)
Maximum Deployment Altitude:	7500 ft (2286 m) Above Sea Level (ASL)
Shelf Life:	15 years shelf life; 12 years service life
Repack Cycle:	12 months

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## T-11R

In addition to the new main canopy, the T-10R has been replaced by the T-11R reserve parachute. The T-11R is an aero-conical design and was tested extensively by the US Army under various types of main canopy malfunctions proving the T-11R to be much more reliable and more effective than the T-10R.

The reserve attachment points are at the same location as the main riser attachment points on the T-11. The common attachment points allow the force of the reserve deployment to be transmitted through the long axis of the jumpers body. Additionally, the jumper is able to maintain a vertical orientation under the reserve canopy, enabling a proper prepare-to-land vertical attitude.



### T-11R RESERVE PARACHUTE PHYSICAL CHARACTERISTICS

NSN / Part Number:	1670-01-535-2248 / 11-1-7730-1
Canopy Inflation Diameter:	6.2m (20.3 ft)
No. of Gores:	20
Number of Suspension Lines:	20
Rate of Descent at Sea Level (400 lb; 181.4 kg AUW):	Less than 8.2 m/s (27 f/s)
Height Loss from Activation to Deployment:	46 m (150 ft) after 4 second delay from aircraft
Maximum Aircraft Speed:	150 KIAS (278 km/h)
Maximum Suspended Weight:	180 kg (400 LB) All Up Weight
Rate of Descent at All Up Weight of 180 kg / 400 lb:	27 ft/sec (8.22 m/sec)
Shelf Life:	15 years shelf life; 12 years service life
Repack Cycle:	12 months
Assembly Weight:	6.7 kg (14.7 lbs)

### We Make Your Mission a Success!

#### T-11

- Designed and Built for Today's Warfighter
- Greatly Reduced Opening Shock
- Stable, Low Rate of Descent Reduces Landing Injuries
- Greater Equipment Carrying Capacity for The Modern Warfighter
- Fits 5th percentile female through 97th percentile male

#### T-11R

- Center pull handle allows jumper to activate using either hand
- Lower rate of descent than the T-10R at higher all up weight
- Jumper maintains vertical orientation allowing proper landing attitude
- Fully qualified for use with both MC-6 and T-11 main parachute systems

*This data sheet is for information only and shall not form part of a contract*

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