

# T-10B/C/D

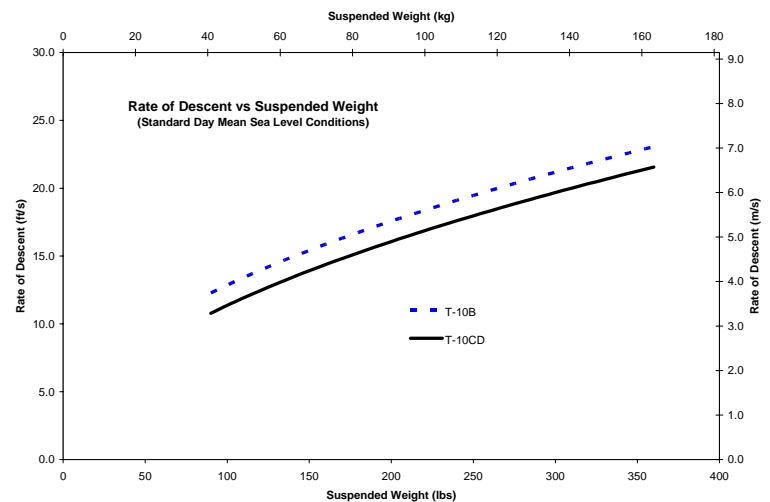
## NON-STEERABLE TROOP PARACHUTE ASSEMBLY

### T-10 MAIN PARACHUTE (AVAILABLE IN T-10B, T-10C and T-10D VERSIONS)

With hundreds of thousands of successful jumps, the T-10 standard non-steerable troop parachute assembly is a proven system that has been in operation with US and military units around the globe since the 1960's.



### Rate of Descent Chart



The T-10 parachute system comprises four main sub-systems:

**Main Parachute** - The main parachute is a 35 ft nominal diameter, flat circular canopy with a 10% extended skirt. The canopy incorporates an anti-inversion net which ensures excellent deployment and inflation reliability. This parachute design provides good stability, tolerable opening forces and rates-of-descent commensurate with heavily laden airborne troops. The canopy incorporates a four riser system that terminates with two standard male canopy release fittings. The canopy is available in 3 variants, T-10B, T-10C and T-10D.

**Harness** - The T-10 harness is designed to afford the maximum amount of maneuverability to the airborne soldier. It is fully adjustable to fit all sizes of jumper; from the 5<sup>th</sup> percentile female to the 95<sup>th</sup> percentile male. The design incorporates attachment points for a chest mounted reserve parachute and equipment rucksack. The harness is secured using 3 quick-ejector snaps (2 leg straps and 1 chest strap) which allow rapid donning and doffing. The canopy is attached to the harness via standard female canopy releases which allow the jumper to readily jettison the canopy in the event of a high-wind or water landing.

**Deployment Bag** - The T-10 deployment bag is designed to provide sequentially controlled deployment of the main parachute during static line exits up to 150 KEAS from both side door and ramp. The main structure of the bag is manufactured from high-quality cotton which ensures that the main parachute is not subject to any frictional heating and damage during egress. The line stowage loops are sized to retain the lines and to control the deployment in the most severe cross-flow conditions. The canopy is retained using a mouthlock which ensures uniform deployment at all air-speeds.

# T-10B/C/D

**Static Line** - The T-10 can be configured to use either the standard US Army 15 ft Static Line (For C-130 Aircraft) or the Universal Static Line (USL). The USL is manufactured from webbing which provides exceptional abrasion resistance. It employs the new and improved USL snap hook that enhances safety and reliability and can be configured to use a 5 ft extension which increases the Static Line length to 20 ft (For C-17 Aircraft). The extension can be incorporated without any major disassembly.

## T-10B, T-10C, T-10D TECHNICAL SPECIFICATIONS\*

Item	T-10B	T-10C	T-10D (With Universal Static Line)
Parachute Assembly Part Number	11-1-564-1	11-1-564-2	11-1-564-4
NATO Stock Number	1670-00-591-0720	1670-01-248-9502	1670-01-484-2234
Nominal Diameter	10.7 Meters (35 Feet)	10.7 Meters (35 Feet)	10.7 Meters (35 Feet)
Number of Gores	30	30	30
Canopy Material	1.1 oz/yd <sup>2</sup> Ripstop Nylon	1.1 oz/yd <sup>2</sup> Ripstop Nylon	1.1 oz/yd <sup>2</sup> Ripstop Nylon
Standard Color	CG483 Green	CG483 Green	CG483 Green
Suspension Line Length	7.8 meters (25.5 feet)	7.8 meters (25.5 feet)	7.8 meters (25.5 feet)
Suspension Line Material	PIA-C-5040 Type II	PIA-C-5040 Type II	PIA-C-5040 Type II
Suspension Line Tensile Strength	181kg (400 lbs)	181kg (400 lbs)	181kg (400 lbs)
Assembled Weight	13.5 kg (31 lbs)	13.5 kg (31 lbs)	13.5 kg (31 lbs)
Maximum Exit Weight	163 kg (360 lbs)	163 kg (360 lbs)	163 kg (360 lbs)
Minimum Exit Altitude	153 m (500 ft) AGL	153 m (500 ft) AGL	153 m (500 ft) AGL
Maximum Exit Velocity	150 KEAS	150 KEAS	150 KEAS
Rate of Decent	See Chart	See Chart	See Chart

All of Airborne Systems parachutes are manufactured in accordance with current applicable US Army and PIA (Parachute Industry Association) specifications.