

TPDS CARGO 10 BROCHURE



Tactical Parachute Delivery Systems, Inc.

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2017

G-10

Cargo Delivery System

The *Cargo 10* is a complete assembly of military equipment manufactured to the highest standards using the best **Military Specification** materials available in today's market. The *Cargo 10* is manufactured in the United States in a facility that is Federal Aviation Administration (FAA) certified for manufacturing parachute equipment.

These high standards of materials and workmanship will provide years of quality service.

The *Cargo 10* Main Parachute provides the capability to safely deliver up to 800 lbs. (363 kg.) of cargo from an aircraft in-flight.

This system features a static line deployment of the main canopy.

Main Container Specifications

Materials:

Main Container: 1000 Denier Nylon Cordura

Deployment Bag: 10 oz. Army Duck Fabric

Webbing:

Main Risers - four (4)

1 23/32" (4.3 cm.) wide Type 7 Mil-W-4088

Bridle-

1 1/2" (3.81 cm.) wide Type 4 Mil-T-5038

Static Line-

3/4" (1.91 cm.) Tubular Nylon Mil-W-1002

Suspension Lines - 28 @ 268" (681 cm.)

Round Dacron

Tensile Strength **6000 lbs. / 2722 kg.**

Tensile Strength **1500 lbs. / 680 kg.**

Tensile Strength **2500 lbs. / 1134 kg.**

Tensile Strength **525 lbs. / 238 kg.**

Hardware:

Clevis Hook-

MS-70087-2

Separable Connector Link-

MS22002-1

Proof Load **20000 lbs. / 9090 kg.**

Tensile Strength **3000 lbs. / 1360 kg.**





Size:

Complete CARGO 10 Assembly - 17” long x 13” wide x 11” deep
43.18 cm. x 33.02 cm. x 27.94 cm.

Weight:

Complete CARGO 10 Assembly - 30 lbs. (13.6 kg.)

Fabric Colors:

Black, Smoke, Desert Camouflage, Woodland Camouflage, Multi-Camouflage, Olive Drab Green and others upon request.

Webbing Colors:

Black, Smoke, Silver, Olive Drab Green and others upon request.

Main Parachute Specifications

Diameter Size	42'
Number of Gores	28
Fabric	PIA-C-44378
Suspension Line	Dacron Braid
Line Length	268” (681 cm.)
Canopy Shape	Parabolic
Packed Weight Complete	30 lbs. (13.6 kg.)
Packed Volume	2430 cu. in.
Carrying Capacity	800 lbs. (363 kg.)
Rate of Descent	27 fps. w/800 lbs. (27 fps. w/ 363 kg.)
Opening Time	2.6 sec. at 150 kts.



G-10
CARGO DELIVERY SYSTEM

Performance Data

CARGO 10

Suspended Weight Range:	200-800 lbs (91-363 kg.)
Rate of Descent:	13 fps @ 200 lbs. (91 kg.) 19 fps @ 600 lbs. (272 kg.) 27 fps @ 800 lbs. (363 kg.)
Forward Speed:	0 mph (0 km/h)
Stability Range:	<10 angle of oscillation
Opening Time:	2.6 seconds at 150 kts.

Physical Specifications

CARGO 10

Canopy Weight:	19.2 lbs. (8.7 kg.)
Modification:	NONE
Fabric:	PIA-C-44378 Type IV
Colors:	OD Green or Foliage Green
Shape:	Parabolic
Diameter:	42 feet (13 m)
Number of Gores:	28
Suspension Line:	525 lbs. Polyester Braid
Suspension Line Length:	681.0 cm. @ 2kg./5 lbs. Tension
Suspension Line Connector Links:	MS22002-1
Connector Tensile Strength:	3000 lbs. / 1360 kg.



The **Cargo 10** atop an 800 lbs. (363 kg.) delivery pallet.





TPDS CARGO 10

Delivering 800 lbs. (363 kg.)