

TACTICAL PARACHUTE DELIVERY SYSTEMS, Inc.
Military Student System (MSS).
BROCHURE



TACTICAL PARACHUTE DELIVERY SYSTEMS, Inc.

4035 Correia Drive
Zephyrhills, FL 33542 USA

Phone: +1.813.782.7482
Fax: +1.813.788.2799
E-mail: info@tpdsairborne.com
Website: www.tpdsairborne.com

AUGUST 2018

MIS Harness / Container Capabilities and Features:

Physical Specifications:

Materials:

Container-

1000 Denier Nylon Cordura

Deployment Bag-

500 Denier Cordura

Webbing:

Main Lift Webbing-

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

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

or

1 23/32" (4.3 cm.) wide Type 7 & Type 8 Combination

Tensile Strength **6000 lbs. / 2722 kg.**
4000 lbs. / 1814 kg.

Main Risers-

1 23/32" (4.3 cm.) wide Type 8 Mil-W-4088

Tensile Strength **4000 lbs. / 1814 kg.**

1" (2.54 cm.) wide ^{or} Type 17 Mil-W-4088

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

Leg Straps-

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

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

Chest Strap-

1 23/32" (4.3 cm.) wide Type 8 Mil-W-4088

Tensile Strength **4000 lbs. / 1814 kg.**

1" (2.54 cm.) wide ^{or} Type 17 Mil-W-4088

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

Laterals-

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

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

Hardware:

Main Canopy Release System-

3-Ring Release System

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

Chest Strap Hardware-

PS70101 or 1" Quick Fit Adapter

Tensile Strength **500 lbs. / 227 kg.**

Leg Strap Hardware-

PS22040 or Stainless Steel Flip-Flop

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

Military Instructor System by TPDS, Inc.

Size:

Container - Depending on canopy sizes. 20” high x 12” wide x 10” deep
50.80 cm. x 30.48 cm. x 25.4 cm.

Weight:

Harness / Container - 10-20 lbs. (4.5- 9 kg.)

Fabric Colors:

Red, Orange, Yellow, Green, Royal Blue, Purple, Navy Blue, White, Pink, Silver, Smoke, Black, Assorted Neon Colors and others upon request.

Harness Colors:

Red, Yellow, Green, Royal Blue, Black, Navy Blue, White and others upon request.

Harness / Container Specs:

Maximum Suspended Weight: **254 lbs. (115 kg.)**

Maximum Deployment Altitude: 35,000 ft. (10,668 m) Some restrictions apply depending on canopy size and type.

Minimum Deployment Altitude:

Main Canopy- 2000 ft. (610 m)

Reserve Canopy- 2000 ft. (610 m)

Main Canopies: 100-300 sq. ft.

Reserve Canopies: 100-300 sq. ft.

Reserve AAD Set-up:

Cypres AAD

Astra by FXC

Vigil

Argus

Reserve Static Line:

Standard RSL with attachment to the Left Main Riser and Reserve Cable.

Military Instructor System by TPDS, Inc.

Features:

While each system is available in a combination of sizes and options, several Standard Features are included on the **MIS** Harness/Container system:

- Main Pin Cover – Having an upward facing pin cover creates the ultimate in pin protection from unintended knocks or bumps causing premature pin extraction.
- Bridle and Riser Cover Protection – Zero exposed riser or main bridle ensures proper function in any manner of orientation or use.

Options:

- **“Reserve Boost”** - Main Assisted Reserve Deployment (**MARD**) System.
- Articulated Harness.
- Spacer Foam Back Pad and Leg Pads.
- Quilted Back Pad.
- Cut-in Laterals.
- Stainless Steel Hardware.
- Personalized Monograms.
- Tie-Dyed Custom Colored Containers.
- Pinstripes.
- Custom Colored Hacky.
- BOC Throw-out or Pull-out Main Deployment.
- Custom Colored Pillow Reserve Handle.
- Custom Colored Cut-away Handle.
- Collapsible Main Pilot-chute - Zero-P or F-111.
- Type 17 or Type VIII Main Risers with Front Dive Loops.



TPDS- MSS Standard System

Features:

- Fully Adjustable Harness
- Adjustable or Detachable Bellyband

TPDS- MSS Optional System

Features:

- Removable **HAHO** Seat Sling.
- **Main Assisted Reserve Deployment (MARD) "Reserve Boost" System**

Main Deployment Options cond.

- Static Line Deployment with Direct Bag, Spring Loaded Pilot Chute Assist or Throw-out Pilot-Chute Options.

Main AAD Options:

AR-2 or equivalent.

Main Risers:

Type 8

Harness:

Adjustable Main Lift Web

Adjustable Laterals.

Adjustable Leg Straps.

Adjustable Chest Strap.

Adjustable Bellyband or

Removable/Adjustable Bellyband.

Leg Hardware:

B-12 Snaps, Thread-Thru or
Quick Ejector

Chest Hardware:

B-12 Snaps, Thread-Thru or
Quick Ejector

TPDS- MSS Military Student System



Outboard Main Ripcord Handle

Inboard Reserve Ripcord Handle

Inboard Main Canopy Release Handle

TPDS- MSS (rear view)



AAD Clear Inspection Window

Reserve Pin Inspection Window

Static Line Stow Bands

Chest Main Ripcord Housing

Rear Ripcord Housing

Throw-out Pilot Chute Handle