

TACTICAL PARACHUTE DELIVERY SYSTEMS, INC.



# LIGHT LOAD TACTICAL PARACHUTES BROCHURE 2025

**TACTICAL PARACHUTE DELIVERY SYSTEMS, INC.**  
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# LIGHT LOAD TACTICAL

## 9 Cells Elliptical - Main Parachute ( TPDS-LLT-M )



**The TPDS Light Load Tactical Main Parachute** is an exceptional medium-high aspect ratio, moderately tapered, nine (9) cell main parachute.

**TPDS-LLT-M** is an elliptical parachute specifically designed for the Light Load Tactical harness container system, **TPDS-LLT**.

Made from a combination of 1.1 oz. ripstop nylon and zero-porosity this is generally referred to as a hybrid parachute.

The entire line of LLT main parachutes will provide your troops with optimal performance over the entire lifespan of the parachute, while maintaining easy pack-ability and safety for peace of mind.

# TPDS-LLT-M

## Size & Technical Specifications

**Material:** Z-P or Hybrid

**Lines:** Dacron (standard), HMA or Vectran

MODEL - P/N	SPAN	CHORD	ASPECT	Min. Sup.	Max. Sup.
TPDS-LLT-M-200	24.33 ft	8.67 ft	2.818 : 1	84 lb (38 kg)	263 lb (119 kg)
TPDS-LLT-M-220	25.50 ft	9.00 ft	2.821 : 1	92 lb (42 kg)	288 lb (130 kg)
TPDS-LLT-M-240	26.58 ft	9.42 ft	2.823 : 1	100 lb (45 kg)	313 lb (141 kg)
TPDS-LLT-M-260	27.58 ft	9.75 ft	2.825 : 1	108 lb (49 kg)	338 lb (153 kg)
TPDS-LLT-M-280	28.67 ft	10.17 ft	2.827 : 1	116 lb (53 kg)	363 lb (164 kg)
TPDS-LLT-M-300	29.58 ft	10.50 ft	2.828 : 1	124 lb (56 kg)	388 lb (176 kg)
TPDS-LLT-M-320	30.58 ft	10.83 ft	2.830 : 1	132 lb (60 kg)	413 lb (187 kg)
TPDS-LLT-M-340	31.50 ft	11.08 ft	2.831 : 1	140 lb (64 kg)	438 lb (199 kg)
TPDS-LLT-M-360	32.33 ft	11.42 ft	2.832 : 1	148 lb (67 kg)	463 lb (210 kg)
TPDS-LLT-M-380	33.25 ft	11.75 ft	2.834 : 1	156 lb (71 kg)	488 lb (221 kg)
TPDS-LLT-M-400	34.08 ft	12.00 ft	2.835 : 1	164 lb (74 kg)	513 lb (232 kg)
TPDS-LLT-M-420	34.92 ft	12.33 ft	2.836 : 1	172 lb (78 kg)	538 lb (244 kg)
TPDS-LLT-M-440	35.75 ft	12.58 ft	2.837 : 1	180 lb (82 kg)	563 lb (255 kg)
TPDS-LLT-M-460	36.50 ft	12.83 ft	2.837 : 1	188 lb (85 kg)	588 lb (266 kg)

# LIGHT LOAD TACTICAL

## 9 Cells Square - Reserve Parachute ( TPDS-LLT-R9-SQ )



The **Light Load Tactical 9-Cell Square Reserve Parachute**, model **TPDS-LLT-R9-SQ**, is a high-performance ram-air reserve canopy engineered specifically for military personnel operating with full combat gear. Featuring a 9-cell square design, it delivers enhanced stability, responsiveness, and glide performance under tactical load conditions.

The **TPDS-LLT-R9-SQ** has been fully certified for use with the **TPDS-RRH-800** Cargo Bag and the **TPDS-860-200** Personal Cargo Drop Harness, ensuring seamless integration with mission-essential equipment in both training and operational environments.

Designed for **HAHO** (High Altitude High Opening) and **HALO** (High Altitude Low Opening) missions, when paired with the Light Load Tactical Harness Container System, the **TPDS-LLT-R9-SQ** provides highly reliable reserve capability. Its flight and landing characteristics closely match those of the **TPDS-LLT-M** parachute, enabling smooth transition and consistent handling in high-stress airborne operations.

# TPDS-LLT-R9-SQ

## Size & Technical Specifications

**Material:** PIA-C-44378 Type 4 0.5-3.0

**Lines:** Spectra (standard) , Dacron or Vectran

MODEL - P/N	SPAN	CHORD	ASPECT	Min. Sup.	Max. Sup.
TPDS-LLT-R9-SQ-200	23.8 ft	8.8 ft	2.7 : 1	105 lb (48 kg)	294 lb (133 kg)
TPDS-LLT-R9-SQ-220	25.0 ft	9.2 ft	2.7 : 1	115 lb (52 kg)	322 lb (146 kg)
TPDS-LLT-R9-SQ-240	26.1 ft	9.6 ft	2.7 : 1	125 lb (57 kg)	350 lb (159 kg)
TPDS-LLT-R9-SQ-260	27.1 ft	10.0 ft	2.7 : 1	135 lb (61 kg)	378 lb (171 kg)
TPDS-LLT-R9-SQ-280	28.1 ft	10.3 ft	2.7 : 1	145 lb (66 kg)	406 lb (184 kg)
TPDS-LLT-R9-SQ-300	29.1 ft	10.7 ft	2.7 : 1	155 lb (70 kg)	434 lb (197 kg)
TPDS-LLT-R9-SQ-320	30.0 ft	11.0 ft	2.7 : 1	165 lb (75 kg)	462 lb (210 kg)
TPDS-LLT-R9-SQ-340	30.9 ft	11.3 ft	2.7 : 1	175 lb (79 kg)	490 lb (222 kg)
TPDS-LLT-R9-SQ-360	31.8 ft	11.7 ft	2.7 : 1	185 lb (84 kg)	518 lb (235 kg)
TPDS-LLT-R9-SQ-380	32.6 ft	11.9 ft	2.7 : 1	195 lb (88 kg)	546 lb (248 kg)
TPDS-LLT-R9-SQ-400	33.4 ft	12.3 ft	2.7 : 1	205 lb (93 kg)	574 lb (260 kg)
TPDS-LLT-R9-SQ-420	34.3 ft	12.6 ft	2.7 : 1	215 lb (98 kg)	602 lb (273 kg)
TPDS-LLT-R9-SQ-440	35.1 ft	12.8 ft	2.7 : 1	225 lb (102 kg)	630 lb (286 kg)
TPDS-LLT-R9-SQ-460	35.8 ft	13.1 ft	2.7 : 1	235 lb (107 kg)	658 lb (298 kg)

# LIGHT LOAD TACTICAL

## 7 Cells - Reserve Parachute ( TPDS-LLT-R7 )



The **Light Load Tactical 7 Cells Square Reserve Parachute**, model **TPDS-LLT-R7**, is an exceptional ram-air, traditional square parachute specifically designed and tested for military personnel carrying complete combat equipment.

The **TPDS-LLT-R7** has been fully qualified for use with the **TPDS-RRH-800 Cargo Bag** and the **TPDS-860-200 Personal Cargo Drop Harness**, ensuring safe integration with mission-critical gear.

When the Light Load Tactical Harness Container System is used for **HAHO** or **HALO** operations, the **TPDS-LLT-R7** provides reliable reserve capability. Its performance and landing characteristics under tactical loads are virtually identical to the **TPDS-LLT-M** main parachute, ensuring consistent handling and control during high-demand airborne missions.

# TPDS-LLT-R7

## Size & Technical Specifications

**Material:** PIA-C-44378 Type 4 0.5-3.0

**Lines:** Spectra (standard) , Dacron or Vectran

MODEL - P/N	SPAN	CHORD	ASPECT	Min. Sup.	Max. Sup.
TPDS-LLT-R7-200	22.3 ft	9.4 ft	2.4 : 1	116 lb (52 kg)	231 lb (105 kg)
TPDS-LLT-R7-220	23.4 ft	9.8 ft	2.4 : 1	127 lb (57 kg)	253 lb (115 kg)
TPDS-LLT-R7-240	24.4 ft	10.3 ft	2.4 : 1	138 lb (62 kg)	275 lb (125 kg)
TPDS-LLT-R7-260	25.3 ft	10.7 ft	2.4 : 1	149 lb (67 kg)	297 lb (135 kg)
TPDS-LLT-R7-280	26.3 ft	11.0 ft	2.4 : 1	160 lb (72 kg)	319 lb (145 kg)
TPDS-LLT-R7-300	27.2 ft	11.4 ft	2.4 : 1	171 lb (77 kg)	341 lb (155 kg)
TPDS-LLT-R7-320	28.1 ft	11.8 ft	2.4 : 1	182 lb (82 kg)	363 lb (165 kg)
TPDS-LLT-R7-340	28.9 ft	12.1 ft	2.4 : 1	193 lb (87 kg)	385 lb (175 kg)
TPDS-LLT-R7-360	29.8 ft	12.4 ft	2.4 : 1	204 lb (92 kg)	407 lb (185 kg)
TPDS-LLT-R7-380	30.5 ft	12.8 ft	2.4 : 1	215 lb (97 kg)	429 lb (195 kg)
TPDS-LLT-R7-400	31.3 ft	13.1 ft	2.4 : 1	226 lb (102 kg)	451 lb (205 kg)
TPDS-LLT-R7-420	32.1 ft	13.4 ft	2.4 : 1	237 lb (107 kg)	473 lb (215 kg)
TPDS-LLT-R7-440	32.8 ft	13.8 ft	2.4 : 1	248 lb (112 kg)	495 lb (225 kg)
TPDS-LLT-R7-460	33.5 ft	14.0 ft	2.4 : 1	259 lb (117 kg)	517 lb (235 kg)



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***TPDS***

