

Tactical Parachute Delivery Systems, Inc.

Canopy Brochure

2017



Tactical Parachute Delivery Systems, Inc.

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TPDS CANOPY GUIDELINES

Abbreviation Guide:

M= Main Canopy

R= Reserve Canopy

F= F-111 Material

Z= Zero Porosity Material

H= Hybrid Material

07= 7 cells

09= 9 cells

V= Vectran Lines

D= Dacron Lines

LLT = Light Load Tactical

HLT= Heavy Load Tactical

Example:

TPDS-HLT- M-360

Tactical Parachute Delivery Systems - Heavy Load Tactical - Main - 360 sq. ft.

M-360Z

Main - 360 sq.ft. Z-P Material



TPDS HLT - Main Parachute

9 CELL - ELLIPTICAL



Main Canopy Specifications

Canopy Class

HLT

Lines

Vectran

Fabric

Hybrid

F-111 /
PIA-C 44378

Type IV
(TOP SKIN)

and

Z-P
(BOTTOM SKIN)

Maximum Weight:

<u>Model</u>	<u>lbs.</u>	<u>kgs.</u>
M-300H	443	201
M-325H	491	223
M-350H	541	245
M-375H	593	269
M-400H	646	293



Also available in Z-P only

TPDS LLT - Main Parachute

9 CELL - ELLIPTICAL



Main Canopy Specifications

Canopy Class

LLT

Lines

Dacron

Fabric

Hybrid

F-111 /

PIA-C 44378

Type IV
(TOP SKIN)

and

Z-P
(BOTTOM SKIN)

Maximum Weight:

Model

lbs.

kgs.

M-200H 240 109

M-220H 265 120

M-240H 290 132

M-260H 316 143

M-280H 342 155

M-300H 368 167

M-330H 406 184

M-360H 445 202



Also available in Z-P only

TPDS Reserve Parachute - R7

7 CELL- RECTANGULAR



Reserve Canopy Specifications

Maximum Weight:

<u>Canopy Class</u>	<u>Model</u>	<u>lbs.</u>	<u>kgs.</u>
LLT	R7-220	262	119
	R7-240	283	128
<u>Fabric</u>	R7-260	304	138
F-111 /	R7-280	325	148
PIA-C-44378	R7-300	345	156
Type IV	R7-320	365	166
	R7-340	384	174
<u>Lines</u>	R7-360	403	183
Dacron	R7-380	422	191



TPDS

Reserve Parachute - R9

9 CELL - RECTANGULAR



Reserve Canopy Specifications

Maximum Weight:

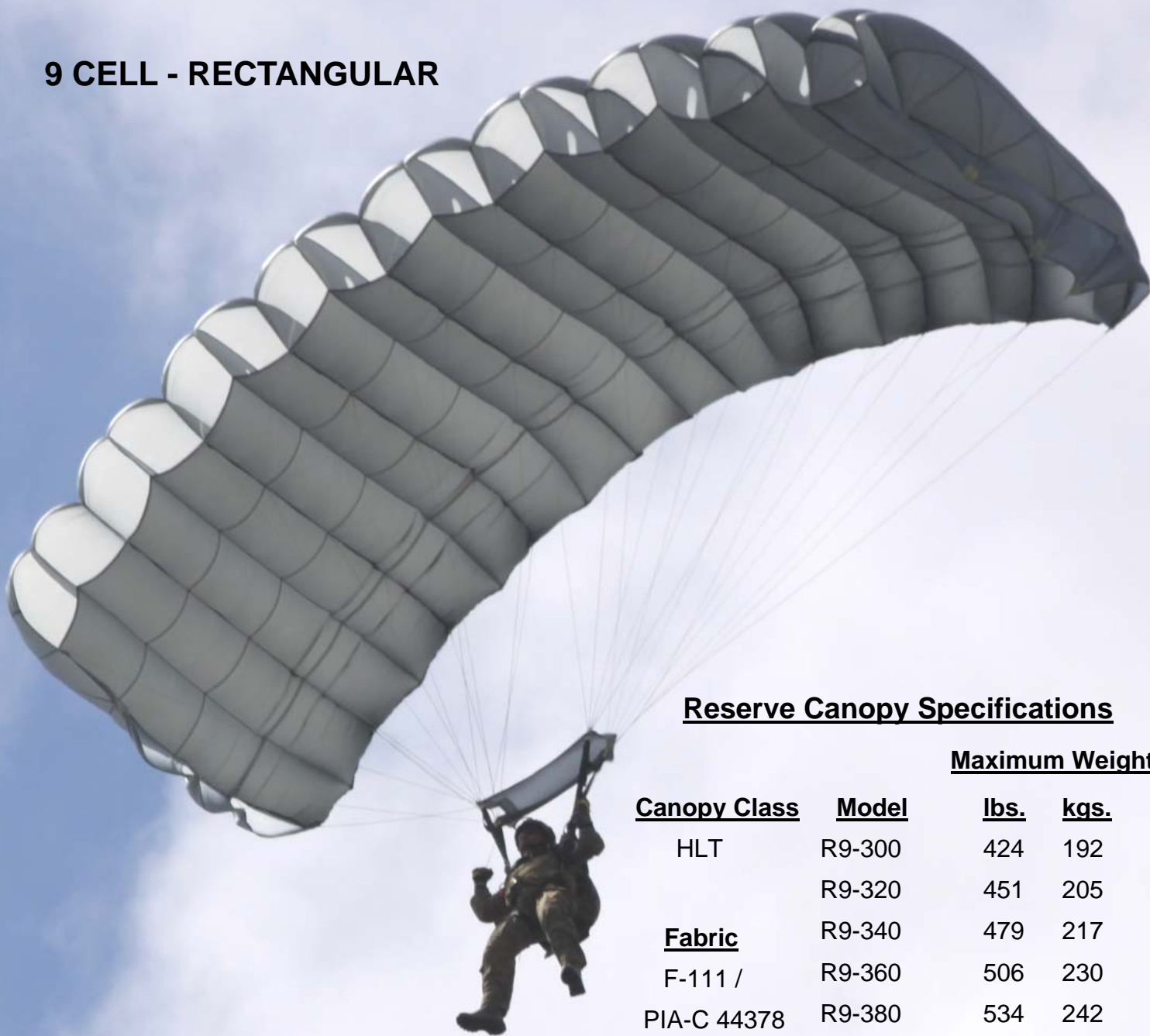
	<u>Model</u>	<u>lbs.</u>	<u>kgs.</u>
<u>Canopy Class</u>	R9-220	312	142
LLT	R9-240	340	154
<u>Fabric</u>	R9-260	368	167
F-111 /	R9-280	396	180
PIA-C 44378	R9-300	424	192
Type IV	R9-320	451	205
	R9-340	479	217
	R9-360	506	230
<u>Lines</u>	R9-380	534	242
DACRON	R9-400	561	254
	R9-420	588	267



TPDS

Reserve Parachute - R9

9 CELL - RECTANGULAR



Reserve Canopy Specifications

Maximum Weight:

<u>Canopy Class</u>	<u>Model</u>	<u>lbs.</u>	<u>kgs.</u>
HLT	R9-300	424	192
	R9-320	451	205
<u>Fabric</u>	R9-340	479	217
F-111 /	R9-360	506	230
PIA-C 44378	R9-380	534	242
Type IV	R9-400	561	254
	R9-420	588	267

Lines

DACRON

**MAIN CANOPIES
9 CELL ELLIPTICAL**

CANOPY CLASS		TACTICAL PARACHUTE DELIVERY SYSTEMS, Inc.		MAIN CANOPY SPECIFICATIONS					
				SPAN	CHORD	ASPECT	LOAD	Wmax	
		Part Number	Model	feet	feet	:1	lbs/ft^2	lbs. / kgs.	
HLT Vectran Lines	Fabric								
		Hybrid	TPDS-HLT-M-300	M-300H	28.76	10.01	2.87	1.475	443 / 201
			TPDS-HLT-M-325	M-325H	29.94	10.42	2.87	1.51	491 / 223
			TPDS-HLT-M-350	M-350H	31.07	10.81	2.87	1.545	541 / 245
			TPDS-HLT-M-375	M-375H	32.16	11.19	2.87	1.58	593 / 269
	TPDS-HLT-M-400		M-400H	33.21	11.56	2.87	1.615	646 / 293	
	Z-P	TPDS-HLT-M-300	M-300Z	28.76	10.01	2.87	1.475	443 / 201	
		TPDS-HLT-M-325	M-325Z	29.94	10.42	2.87	1.51	491 / 223	
		TPDS-HLT-M-350	M-350Z	31.07	10.81	2.87	1.545	541 / 245	
		TPDS-HLT-M-375	M-375Z	32.16	11.19	2.87	1.58	593 / 269	
TPDS-HLT-M-400		M-400Z	33.21	11.56	2.87	1.615	646 / 293		
LLT Dacron Lines	Hybrid	TPDS-LLT-M-200	M-200H	28.46	9.68	2.94	1.19	240 / 109	
		TPDS-LLT-M-220	M-220H	29.85	10.16	2.94	1.194	265 / 120	
		TPDS-LLT-M-240	M-240H	31.18	10.61	2.94	1.198	290 / 132	
		TPDS-LLT-M-260	M-260H	32.45	11.04	2.94	1.202	316 / 143	
		TPDS-LLT-M-280	M-280H	33.67	11.46	2.94	1.206	342 / 155	
		TPDS-LLT-M-300	M-300H	34.86	11.86	2.94	1.21	368 / 167	
		TPDS-LLT-M-330	M-330H	36.56	12.44	2.94	1.214	406 / 184	
		TPDS-LLT-M-360	M-360H	38.18	12.99	2.94	1.218	445 / 202	
	Z-P	TPDS-LLT-M-200	M-200Z	28.46	9.68	2.94	1.2	240 / 109	
		TPDS-LLT-M-220	M-220Z	29.85	10.16	2.94	1.205	265 / 120	
		TPDS-LLT-M-240	M-240Z	31.18	10.61	2.94	1.21	290 / 132	
		TPDS-LLT-M-260	M-260Z	32.45	11.04	2.94	1.215	316 / 143	
		TPDS-LLT-M-280	M-280Z	33.67	11.46	2.94	1.22	342 / 155	
		TPDS-LLT-M-300	M-300Z	34.86	11.86	2.94	1.225	368 / 167	
		TPDS-LLT-M-330	M-330Z	36.56	12.44	2.94	1.23	406 / 184	
		TPDS-LLT-M-360	M-360Z	38.18	12.99	2.94	1.235	445 / 202	

**SQUARE RESERVE CANOPIES
DACRON LINES**

CANOPY CLASS		TACTICAL PARACHUTE DELIVERY SYSTEMS, Inc.		RESERVE CANOPY SPECIFICATIONS				
				SPAN	CHORD	ASPECT	LOAD	Wmax
Fabric		Part Number	Model	feet	feet	:1	lbs/ft^2	lbs. / kgs.
LLT 7 CELLS	F-111	TPDS-LLT-R7-220	R7-220	23.18	9.89	2.345	1.19	262 / 119
		TPDS-LLT-R7-240	R7-240	24.21	10.33	2.345	1.18	283 / 129
		TPDS-LLT-R7-260	R7-260	25.2	10.75	2.345	1.17	304 / 138
		TPDS-LLT-R7-280	R7-280	26.15	11.15	2.345	1.16	325 / 148
		TPDS-LLT-R7-300	R7-300	27.07	11.54	2.345	1.15	345 / 156
		TPDS-LLT-R7-320	R7-320	27.96	11.92	2.345	1.14	365 / 166
		TPDS-LLT-R7-340	R7-340	28.82	12.29	2.345	1.13	384 / 174
		TPDS-LLT-R7-360	R7-360	29.65	12.65	2.345	1.12	403 / 183
		TPDS-LLT-R7-380	R7-380	30.47	12.99	2.345	1.11	422 / 191
HLT 9 CELLS	F-111	TPDS-HLT-R9-300	R9-300	30	10	3	1.412	424 / 192
		TPDS-HLT-R9-320	R9-320	30.98	10.33	3	1.41	451 / 205
		TPDS-HLT-R9-340	R9-340	31.94	10.65	3	1.408	479 / 217
		TPDS-HLT-R9-360	R9-360	32.86	10.95	3	1.406	506 / 230
		TPDS-HLT-R9-380	R9-380	33.76	11.25	3	1.404	534 / 242
		TPDS-HLT-R9-400	R9-400	34.64	11.55	3	1.402	561 / 254
		TPDS-HLT-R9-420	R9-420	35.5	11.83	3	1.4	588 / 267
LLT 9 CELLS	F-111	TPDS-LLT-R9-220	R9-220	25.69	8.56	3	1.42	312 / 142
		TPDS-LLT-R9-240	R9-240	26.83	8.94	3	1.418	340 / 154
		TPDS-LLT-R9-260	R9-260	27.93	9.31	3	1.416	368 / 167
		TPDS-LLT-R9-280	R9-280	28.98	9.66	3	1.414	396 / 180
		TPDS-LLT-R9-300	R9-300	30	10	3	1.412	424 / 192
		TPDS-LLT-R9-320	R9-320	30.98	10.33	3	1.41	451 / 205
		TPDS-LLT-R9-340	R9-340	31.94	10.65	3	1.408	479 / 217
		TPDS-LLT-R9-360	R9-360	32.86	10.95	3	1.406	506 / 230
		TPDS-LLT-R9-380	R9-380	33.76	11.25	3	1.404	534 / 242
		TPDS-LLT-R9-400	R9-400	34.64	11.55	3	1.402	561 / 254
		TPDS-LLT-R9-420	R9-420	35.5	11.83	3	1.4	588 / 267