

The Plus Tactical Ram-Air Canopies have been specifically designed for tactical military missions where reinforced structure, high gliding performance, effective canopy flying control and cost-effective maintenance become a mission requirement.

Plus canopies with Bay Pass (BP) configuration are mainly oriented to high altitude drops up to 25,000 Feet MSL and heavy weight up to 300 kg using a drogue system.

The unique By Pass configuration drives the drogue chute snathforce produced during deployment directly to the suspension lines allowing the canopy fabric free of additional stress.

Four different sizes, 9 or 11-Cell and low porosity 0.5-3CFM fabric or Hybrid canopies (0CFM on top and 0.5-3CFM on ribs and bottom surface) are available. Part number 317563-() is possible to be used as reserve canopy too.



Model	PLUS-310BP	PLUS-310HBP	PLUS-325BP	PLUS-325HBP	PLUS-360BP	PLUS-360HBP	PLUS-360HBP	PLUS-400BP	PLUS-400HBP	PLUS-440HBP
P/N Canopy	317563-310-1	317565-310-1	317563-325-1	317565-325-1	317563-360-1	317565-360-1	317564-360-1	317563-400-1	317565-400-1	317564-440-1
Configuration	By Pass	By Pass	By Pass	By Pass	By Pass	By Pass	By Pass	By Pass	By Pass	By Pass
Fabric	0.5-3CFM	Hybrid	0.5-3CFM	Hybrid	0.5-3CFM	Hybrid	Hybrid	0.5-3CFM	Hybrid	Hybrid
Suspension lines	Dacron 700Lb	Dacron 700Lb	Dacron 700Lb	Dacron 700Lb	Dacron 700Lb	Dacron 700Lb	Vectran 1050Lb	Dacron 700Lb	Vectran 1050Lb	Vectran 1050Lb
Nr of Cells	9	9	9	9	9	9	11	9	9	11
Size (Ft ²)	310	310	325	325	360	360	360	400	400	440
Shape	Square	Square	Square	Square	Square	Square	Semielliptical	Square	Square	Semielliptical
MDS (KIAS) ¹	165	165	165	165	165	165	165	165	165	165
MDW (Kg) ²	205	205	205	205	205	205	205	260	206	260
MDS (KIAS) ¹	--	--	--	--	150	150	150	150	150	150
MDW (Kg) ²	--	--	--	--	250	250	250	300	300	300
Application	Main & Reserve	Main	Main & Reserve	Main	Main & Reserve	Main	Main	Main & Reserve	Main	Main
Minimum Weight (kg)	60	60	60	60	60	60	100	91	91	100
Max. Deployment Altitude (Ft)	25000	25000	25000	25000	25000	25000	25000	25000	25000	25000
Min. Deployment Altitude (Ft)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Glide Ratio (L/C)	3.5-4:1	3.5-4:1	3.5-4:1	3.5-4:1	3.5-4:1	3.5-4:1	5.5-6:1	3.5-4:1	3.5-4:1	5.5-6:1
Central Chord (m)	3.27	3.27	3.34	3.34	3.52	3.52	3.24	3.71	3.71	3.58
Extreme Chord (m)	3.27	3.27	3.34	3.34	3.52	3.52	2.68	3.71	3.71	2.97
Span (m)	8.82	8.82	9.01	9.01	9.48	9.48	11	10.00	10.00	11.96
Aspect Ratio	2.70	2.70	2.70	2.70	2.70	2.70	3.50	2.70	2.70	3.50

The 9-Cell canopy P/N 317563-()-1 and P/N 317563-() are the same canopy.

Their only difference being on the slider; part numbers with -1 use collapsible slider (recommended for main canopies) and part numbers without - () use non collapsible slider (recommended for reserves canopies). All of them can be used as main and/or reserve.

MDS (KIAS)¹: Maximum Deployment Speed (KIAS)
MDW (Kg)²: Maximum Deployment Weight (Kg)