

OPERATIONAL RESERVE OR-Series Reserve Canopies

The Operational Reserve (OR) is an advanced 9-cell elliptical ram-air design that fully compliments the Military Silhouette (MS) main parachutes in size, glide performance and landing capability. The OR's operational weight limits are also higher than a comparable 7-cell reserve in the same size range.

The OR reserves were designed to meet the high demand for tactical 9-cell reserve canopies that support various airborne operations for solo jumpers outfitted with full combat equipment.

Following years of development and refinement, the Operational Reserve Series successfully meets the military's solo-jumper performance requirements needed for carrying heavy weights at high altitudes during HAHO operations.

OR-SERIES OPERATIONAL RESERVE

- Is rated to an all up weight (AUW) of 355-490 lb (161 - 222 kg)
- Is HAHO & HALO capable of 35,000 ft (10,668 m) MSL
- Has similar flight characteristics to CPS 9-cell main parachutes

The OR-Reserves passed a series of proprietary evaluation tests for opening characteristics, flight stability, overall handling and landing performance. The result is a reserve canopy that exhibits performance parallel to the CPS 9-cell main parachutes. Your mission will not be compromised in the event of a main parachute malfunction.





COMPLETE PARACHUTE SOLUTIONS

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PRODUCT SPECIFICATIONS **OR - SERIES RESERVE**

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				9 - Ce	ell Reser	ve Parachu	te
	MODEL / SIZE	OR-360	OR-330	OR-300	OR-280	OR-260	
	ASPECT RATIO	2.52:1	2.52:1	2.52:1	2.52:1	2.52:1	
	CANOPY AREA	360 sq ft (33.4 sq m)	330 sq ft (30.7 sq m)	300 sq ft (27.9 sq m)	280 sq ft (26.0 sq m)	260 sq ft (24.2 sq m)	
	CANOPY SPAN	30.1 ft (9.17 m)	28.8 ft (8.78 m)	27.5 ft (8.38 m)	26.5 ft (8.08 m)	25.6 ft (7.80 m)	
	CANOPY CHORD CENTER/TIP		8 ft/10.3 ft 6 m/3.14 m)	11.2 ft/9.9 ft (3.41 m/3.02 m)	10.9 ft/9.5 ft (3.32 m/2.9 m		
	MAXIMUM WEIGHT	490 lb (222 kg)	450 lb (204 k	g) 410 lb (186 kg)	380 lb (172 kg	y) 355 lb (161 kg)	
	MAXIMUM DEPLOYMENT ALTITUDE (MSL)	Capable - 3	5,000 ft (10,66	88 m) Demonstra	ted - 25,000 ft	(7,620 m)	
	MINIMUM DEPLOYMENT ALTITUDE (AGL)	1,900 ft (579 m) 1,9	00 ft (579 m)	1,500 ft (457 m)	1,500 ft (457	m) 1,500 ft (457 m)	
	MAXIMUM DEPLOYMENT 150 KTS EAS @ Sea Level						
DEPLOYMENT METHOD High-speed Reserve Freebag Optional CANOPY MATERIAL TYPE 0.5 - 3 CFM Ripstop Nylon Fabric CANOPY CONSTRUCTION Chord-wise construction, full cell I-beam, with span-wise and chord-wise reinforcement LINE TYPE AND STRENGTH Untreated Polyester 600, 900, 1200 and 1500 lb							
GLIDE RATIO Approximately 3.5:1							
	STALL Resistant to stall with gentle stall characteristics						
TURN RATE - 180° TURN Approximately 2 seconds							
	TURN RATE - 360° TURN		Appro	oximately 3 - 5 se	conds		
	FORWARD SPEED FULL FLIGHT		28 - 4	40 mph (45 - 64 k	m/h)		
	RATE OF DESCENT FULL FLIGHT		10 -	16 ft/s (3.0 - 4.9	m/s)		
	RATE OF DESCENT BRAKES STOWED		8 -	10 ft/s (2.4 - 3.0	m/s)		
	TESTING SUMMARY						
	TEST ALTITUDE RANGE, LIVE JUMPS	From 80	0 ft AGL to 25,	,000 ft MSL (243.	8 m AGL to 762	0 m MSL)	
	MAXIMUM WEIGHT TESTED From 60 KIAS at 3000 ft (914 m) to 130 KIAS at 25,000 ft (7,620 m)						
MAXIMUM LIVE WEIGHT TESTED AT ALTITUDE 675 lbs (306 kg) at 180 KIAS							
MINIMUM LIVE WEIGHT TESTED AT ALTITUDE 490 lbs (222 kg) at 120 KIAS a					t 25,000 ft (7,620 m)		
	ALTITUDE LOSS AFTER A BREAKAWA	Y	400 ft	to 600 ft (122 m t	o 183 m)		

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