

TACTICAL RESERVE TR-Series Reserve Canopies

The Tactical Reserve (TR) Series is a superior conventional seven-cell tactical reserve canopy constructed entirely of 1.1 oz 0-3 cfm ripstop nylon. This reserve series was designed as an exact performance duplicate of the TM main canopy.

Numerous SAR groups worldwide utilize the TR-Series reserves for their docile flight characteristics, stable performance in challenging topographic terrain and superior landing accuracy.

The TR-Series has two civilian certifications: FAA TSO-C23D, AS8015-B 4.3.4 and JAA JTSO-C23D, AS8015-B 4.3.4.

The TSO certification helps validate fast openings during emergencies from low altitudes; ideal for the environment in which SAR jumpers typically operate.



PRODUCT SPECIFICATIONS

TR-SERIES RESERVE

7-Cell Reserve Parachutes

Model / Size	TR-375	TR-335	TR-305	TR-281
Aspect Ratio	2.1:1	2.1:1	2.1:1	2.1:1
Canopy Area	375 sq ft (34.8 sq m)	335 sq ft (31.1 sq m)	305 sq ft (28.3 sq m)	281 sq ft (26.1 sq m)
Canopy Span	28.1 ft (8.5 m)	26.5 ft (8.0 m)	25.3 ft (7.7 m)	24.3 ft (7.4 m)
Canopy Chord	13.4 ft (4.0 m)	12.6 ft (3.8 m)	12.1 ft (3.7 m)	11.6 ft (3.5 m)
Maximum Deployment Weight	425 lb (193 kg)	425 lb (193 kg)	425 lb (193 kg)	425 lb (193 kg)
Maximum Landing Weight	425 lb (193 kg)	405 lb (184 kg)	369 lb (168 kg)	340 lb (155 kg)
Maximum Deployment Altitude (MSL)	25,000 ft (7,620 m)	25,000 ft (7,620 m)	25,000 ft (7,620 m)	25,000 ft (7,620 m)
Minimum Deployment Altitude (AGL)	2000 ft (610 m)	2000 ft (610 m)	1500 ft (457 m)	1500 ft (457 m)
Forward Speed	15 - 25 mph 24 - 40 km/h	15 - 25 mph 24 - 40 km/h	15 - 25 mph 24 - 40 km/h	15 - 25 mph 24 - 40 km/h
Rate of Descent Full Flight	14 - 18 ft/s (4.2 - 5.4 m/s)	14 - 18 ft/s (4.2 - 5.4 m/s)	14 - 18 ft/s (4.2 - 5.4 m/s)	14 - 18 ft/s (4.2 - 5.4 m/s)
Rate of Descent 50% Brakes	8 - 14 ft/s (2.4 - 4.2 m/s)	8 - 14 ft/s (2.4 - 4.2 m/s)	8 - 14 ft/s (2.4 - 4.2 m/s)	8 - 14 ft/s (2.4 - 4.2 m/s)
Maximum Deployment Speed	170 KTS EAS @ Sea Level			
Deployment Method	SPP or UPT approved high speed reserve bag			
Canopy Material Type	0-3 cfm Ripstop Fabric			
Canopy Construction	Chord-wise construction, full cell I-beam with span-wise and chord-wise reinforcement			
Line Type	Untreated Polyester			
L:D	Approximately 2.4:1			
Stall	N/A			
Turn Rate - 180° Turn	N/A			
Turn Rate - 360° Turn	N/A			

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