



SPECIAL OPERATIONS VECTOR 3 TS - Tandem Sigma Harness/Container

The Special Operations Vector 3 Tandem Sigma (SOV3-TS) Harness/Container System is a state-of-the-art military tandem parachute system designed specifically for HAHO – HALO tandem applications for two (2) jumpers carrying full combat equipment, or for a single operator in tethered tandem bundle configuration, or an operator carrying a tactical K9 handler with K9 and full combat equipment.

The system includes the patented Disc Release System (DRS) and integrated protective flaps which offers superior protection against accidental premature deployments. The innovative patented Skyhook RSL System was designed to speed up the deployment of the reserve freebag and allows the canopy to begin its inflation process within 100 ft (30.5 m) of breakaway altitude, thus saving valuable altitude.

The SOV3-TS is the only tactical tandem system approved for use by U.S. Special Operations forces.



Compatible Equipment Interfaces

- Military Tethered Tandem Bundle (MTTB)
- K9 Harness & K9 Training Mannequin
- HAHO Seat Sling (Limited Applications)
- Tandem Passenger Harness
- Eight (8) weapon stow loops, oxygen hose guide loop
- Self-Set Drogue Deployment
- Static Line Drogue Deployment

Combat Equipment Capability

The SOV3-TS is completely capable of carrying two (2) operators with full-combat equipment or one (1) tandem operator and a tethered bundle package weighing approximately 400+ lb (181+ kg). The TS is also the premier delivery system for tactical K9 operations; approved to carry the operator, K9 handler with K9, and full combat equipment in number of configurations based upon various mission parameters.

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PRODUCT SPECIFICATIONS

SOV3 - TANDEM SIGMA

SOV3 - TS Harness Container



Model / Size of Canopy	TP - 460	TP - 400	TP - 360
Maximum Suspended Weight*	850 lb (386 kg)	650 lb (295 kg)	550 lb (250 kg)
Minimum Deployment Altitude Main Parachute**	4,500 ft (1400 m)	4,500 ft (1400 m)	4,500 ft (1400 m)
Minimum Deployment Altitude Reserve Parachute**	2,000 ft (610 m)	2,000 ft (610 m)	2,000 ft (610 m)
Maximum Deployment Altitude**	25,000 ft (7620 m)	25,000 ft (7620 m)	25,000 ft (7620 m)
Canopy Alternatives	Main: TP-460, TP-400, TP-360 Reserve: VR-421, HR-400, HR-360		
Physical Dimensions	22 x 15 x 6 in – 23 x 16 x 7.5 in) (56 x 38 x 15 cm – 58.5 x 40.5 x 19 cm)		
Harness / Container Weight (with deployment components - Less canopies)	30 – 35 lb (13 – 16 kg)		
Reserve AAD Setup	Control unit installed under reserve pin flap or on ring cover		
Reserve Static Line	Skyhook with integrated Collins Lanyard - other options available.		
Main Risers	3-Ring or 4-Ring, Type 7 with front riser trim tabs Single or dual stow brakes, hard housing channels		
Main Toggles	11 in (28 cm) HAHO toggles, dual control toggles, solo or double-loop		
Harness Configuration	Fully adjustable main lift web (MLW), diagonals, chest & leg straps, and bellyband		
Leg Strap Hardware	Interchangeable and adjustable B-12 or Quick Ejector - other types optional		
Container Material	1000 Denier Cordura®		
Colors	Black, silver, smoke, navy blue, olive drab green, woodland/digital camouflage, desert camouflage - other colors are available on request		
Compatible Oxygen Systems	Twin 22 or 53 cu in, single 80, 88, 120 or 122 cu in		
Special Equipment Interfaces	HAHO Seat Sling, Oxygen, Radio, and Utility Side Pouches, Passenger Harness, Static Line-deployed Drogue setup, Military Tethered Tandem Bundle (MTTB), K9 Harness		

* Dependent on main and reserve canopy model and deployment system

** Dependent on canopy choice, deployment system and Skyhook option

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