

# WATER RESERVE

## WR-Series Reserve Canopy

The Water Reserve (WR) is a superior conventional 7-cell ram-air tactical reserve canopy designed specifically for the maritime environment. This reserve is an exact performance duplicate of the TR Tactical Reserve canopy, constructed entirely of 1.1 oz 0.5-3 cfm Ripstop nylon.

The WR was engineered to complement the Cormorant (CT) Main canopies that support airborne water operations for solo jumpers outfitted with full combat equipment. Fast-drying fabrics and treated lines benefit the logistics of training evolutions that require fast drying times.

In addition to docile flight characteristics, the WR exhibits stable performance in challenging environmental conditions and superior landing accuracy.

The WR is compatible with the 4-grommet reserve bag deployment systems with or without High-Speed Pilot Chute. The WR has passed a series of proprietary evaluation tests for opening characteristics, flight stability, overall handling and landing performance.



\*Other Sizes and Deployment Configurations Available - Contact your CPS Account Executive\*

# PRODUCT SPECIFICATIONS

## WR - SERIES RESERVE CANOPY

### 9 - Cell Maritime Reserve Parachute

MODEL / SIZE	WR-281
ASPECT RATIO	2.1:1
CANOPY AREA	281 sq ft (26.1 sq m)
CANOPY SPAN	24.3 ft (7.4 m)
CANOPY CHORD	11.6 ft (3.5 m)
MAXIMUM DEPLOYMENT WEIGHT	425 lb (193 kg)
MAXIMUM LANDING WEIGHT	340 lb (154 kg)
MAXIMUM DEPLOYMENT ALTITUDE (MSL)	Capable - 25,000 ft (7,620 m)
MINIMUM DEPLOYMENT ALTITUDE (AGL)	1,500 ft (457 m)
FORWARD SPEED	15 - 25 mph (24 - 40 km/h)
RATE OF DESCENT FULL FLIGHT	14 - 18 mph (4.3 - 5.4 m/s)
RATE OF DESCENT 50% BRAKES	8 - 14 ft/s (2.4 - 4.3 m/s)
MAXIMUM DEPLOYMENT SPEED	170 KTS EAS @ Sea Level
DEPLOYMENT METHOD	Standard reserve pilot chute and reserve deployment bag
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	Treated Polyester 600, 900 and 1200 lb
L:D	Approximately 2.4:1
STALL	Resistant to stall with gentle stall characteristics
TURN RATE - 180° TURN	N/A
TURN RATE - 360° TURN	N/A