

The CIMSA SE-150 is an emergency parachute family P/N 500015-() back or seat type, with ripcord manual opening, easy and light to wear.

The SE-150 emergency parachute system is presented in two different configurations depending on the application:

- a) Back Type (P/N 500015, 500015P, 500015-1, 500015-1P, 500015-3 and 500015-3P)
- b) Seat Type (P/N 500015-2)



The SE-150 emergency parachute system is designed as back-up system for light aircraft aircrew, transport aircraft, helicopters, gliders... which require a parachute easy to use, high reliability, light weight, reduced packing volume, comfortable and that allows complete freedom of movement.

The SE-150 incorporates a high resistance 26 ft steerable round canopy, made in low porosity RIP-STOP MIL-C-44378 Type III with reinforcement radial tapes MIL-T-5038 Type III 1/2".

The SE-150 canopy allows the jumper to steer the canopy to a safe landing thanks to its three steering orifices, the central rear one for impulsion and the two lateral ones for steering.

The multi-ring SE-150 harness/container system provides easy donning and fast adjustment, together with quick ejector snaps in leg straps and chest strap. It also includes reinforced padding for maximum comfort to the user.

The activation of the SE-150 is done manually by means of a ripcord cable with red clover leaf handle, for easy identification, which can be activated with both hands and three locking pins which closes the flaps.

SE-150 harness/container for P/N 500015P, 500015-1P and 500015-3P configurations includes a pre-installation for an Automatic Activation Device Aircrew Cypres which automatically activates the extraction of the parachute.

After activation (manually or automatic) the pilot chute first extracts the canopy and the suspension lines afterwards. A diaper canopy opening system guarantees the total extension of both canopy and suspension lines before the inflation of the canopy.

Under the main reference P/N 500015-() all the different versions of the SE-150 emergency parachute are type certified by the Spanish Ministry of Defense and approved for official use by the Spanish Air Force for pilots, aircrew and jumpmasters.

SE-150 assemblies present the following characteristics:

SE-150 Model	500015 500015P (Back Type)	500015-1 500015-1P (Back Type)	500015-2 (Seat Type)	500015-3 500015-3P (Back Type)
Assembly Weight	7.8 kg (17 lb)	8.2 kg (18 lb)	9.1 kg (20 lb)	7.8 kg (17 lb)
Dimensions	61x41x8 cm		106x41x8 cm	61x41x8 cm
Category	Round			
Construction	Biconical			
Nominal Diameter	8.0 m (26 ft)			
Canopy Area	51 m ² (549 ft ²)			
Nr of Gores	22			
Sections per Gore	3			
Canopy Cloth	MIL-C-44378 Type III			
Minimum Operative Altitude with manual activation	80 m (262 ft)			
Minimum Operative Altitude with Aircrew Cypres activation	280 m (917 ft)			
Maximum Drop Speed	150 KEAS			
Maximum Recommended Load	115 kg (253 lbs)			
Maximum Descent Speed	6.0 m/sec			
Canopy Deployment time	2.5 sec			
Maximum oscillation	< 10°			

And the following main physical differences:

SE-150 Assembly	500015	500015P	500015-1	500015-1P	500015-2	500015-3	500015-3P
Assembly Type	Back				Seat	Back	
Canopy	26 ft White		26 ft White & Orange				
Harness/Container	Red	Red with Cypres pre-installation	Grey with Capewell release	Grey with Capewell release and Cypres pre-installation	Black with Capewell release	Black with lumbar adjusters	Black with lumbar adjusters and Cypres pre-installation
Pilot Chute	Red cover	Red cover and Cypres loop	Grey cover	Grey cover and Cypres loop	Black cover		Black cover and Cypres loop
Pilot Chute Bridle	Black						
Ripcord	Martin Baker Type					"D" Type	
Carrying Bag	Red		Grey		Black		

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