

## MILITARY FREEFALL PARACHUTE ASSEMBLY

The MC-4 is the standard military free fall parachute system of the US Army Special Forces, and has demonstrated its superior reliability during military operations around the world. The MC-4 is designed to meet the full range of military free fall parachute operations, including HALO (high altitude, low opening) and HAHO (high altitude, high opening) conducted by the most sophisticated of military parachute organizations. The MC-4 system is built around a 370-sq. ft. rectangular gliding canopy design used for both the main and reserve canopies. The MC-4 is completely compatible with the proven Irvin FF-2 automatic ripcord release, as well as other automatic ripcord releases qualified for use by the US Army, for assured activation of the main parachute.

### TECHNICAL SPECIFICATIONS

|                            |                                |
|----------------------------|--------------------------------|
| Canopy Area:               | 370 sq ft                      |
| Span:                      | 28.5 ft (8.7m)                 |
| Chord:                     | 13.0 ft. (4.0m)                |
| L/D:                       | 3 to 1                         |
| Maximum Suspended Weight:  | 360 lbs. (182 kg)              |
| Forward Speed Range:       | 10-25 mph<br>(24-40 km/hr)     |
| ROD Full Flight:           | 14-16 fps<br>(4.3 – 4.9 m/sec) |
| ROD 50% Brakes:            | 6-10 fps<br>(1.8 – 3.1 m/sec)  |
| ROD 100% Brakes:           | 2-6 fps<br>(0.6 – 1.8 m/sec)   |
| Maximum Deployment Height: | 25,000 ft MSL<br>(7700 m)      |
| Deployment Velocity:       | 0 to 150 KIAS                  |



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