

EQUIPMENT DATA

Refer to Table 1 for performance data for the main and reserve parachute assemblies.

Table 1. Main and Reserve Parachute Characteristics

Performance/Description	Characteristics
Lift/Drag Ratio, L/D	3 to 1
Span	28.5-ft
Chord	13-ft
Area	370 sq ft
Maximum Suspended Weight	360-lbs
Forward Speed Range	10 to 25 mph
Rate of Descent	Variable Full Flight to Fully Flared Landing
Full Flight	14 to 16 fps
50% Brakes	6 to 10 fps
100% Brakes	2 to 6 fps
Fully Flared Landing Touchdown	0 to 4 fps (if executed properly)
Deployment Altitude Range	2000-ft AGL to 25,000-ft MSL
Deployment Velocity Range	0 to 150 KIAS

SAFETY, CARE, AND HANDLING

The following subparagraphs summarize the safety, care, and handling requirements for the parachute assembly.

Safety. It is imperative that you observe all safety precautions specified on the warning page in the front of this manual. You must also observe specific warnings and cautions specified throughout this manual. The warnings are provided to tell you how to protect yourself from death or serious injury.

Care and Handling. Observe the following precautions:

1. Use care in handling packed parachutes as metal parts could cause personal injury.
2. Remove all jewelry when packing or performing maintenance on the parachute. Damage to the canopy materials could result from watches, rings, bracelets etc.
3. Avoid grabbing the ripcord grip or grip-retaining pocket when handling a parachute.
4. Use every effort to protect the parachute from the weather elements, dust, dirt, oil, grease, and acids