



SIMULA

Safety Systems
SEI Division

SAFETY EQUIPMENT INTERNATIONAL (SEI)
ISO 9001:2000 REGISTERED
PRODUCT SPECIFICS

BALLISTIC SURVIVAL & PARACHUTE ENSEMBLE

Integration

- SEI Parachutes (Durachute®)
- Low Profile Flotation Collar
- Level III or IIIA Soft Body Armor
- Level IIIA and Level IV Hard Body Armor
- Vacuum-packed emergency survival equipment
- Integrated harness
- Modular

Design

- Subsystem integration flexibility
- Functions across total spectrum of aircrew, fixed wing and Helo
- Integrated or removable (separate) body armor vest
- More streamlined- greater storage capacity and flexibility
- Hard armor quickly installed and removed
- Emergency lift capability
- Load bearing retention strap
- Non-load bearing carrier loop
- Accommodates SRU-40/HEED, HABD or equivalent

Materials

- Selected specifically for ease of maintenance and supportability

Flame Retardant

- Integrates fire retardant materials

Weight

- Component subsystems are lighter weight than typical military counterparts

Comfort

- Easier adjustability
- Greater comfort
- Form fit
- Greater mobility and accessibility
- Quick donning
- Less bulk



Soft and Hard Ballistic Advantage

Simula has conducted extensive development, testing, and optimization of Zylon® fabrics for protection against fragment, handgun, and small-arms projectiles. The ultra-lightweight soft body armor stemming from this research has proven capable of meeting the stringent NIJ III-A performance standards at an areal density of 0.71 lb/ft². Compared to other leading NIJ III-A vest designs, Simula's vest not only offers significantly lighter weight, but reduced blunt trauma, and a high V50 ballistic threshold.





Zylon® is a registered trademark of Toyobo Co., Ltd.

Safety Equipment International

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HIGHLIGHTS OF THE SURVIVAL VEST ENSEMBLE

INTEGRATION

		<p>Durachute® Parachute System</p>	<p>Light weight Superior canopy performance Extended life, maintenance and reduced cost</p>
		<p>Integrated and Removable Ballistic Survival Ensemble Level IIIA and Level IV Protection</p>	<p>More streamlined- greater storage capacity & flexibility Custom built pocket designs for group of or specific survival equipment</p>
		<p>Flotation Collar LPU-36/P LPU-37/P</p>	<p>Lower profile and superior comfort Increased neck size for greater mobility Extends repack and lowers inspection cycle costs</p>



System Advantages

- Ultra-lightweight
- Innovative design architecture
- High flexibility level
- Low bulk

SEI's Ballistic Survival Ensemble



SEI's Durachute®



Our Corporate Strengths

- System Integration human knowledge, human / machine
- Packing efficiency for user and maintainer
- Design to reduce cost of ownership
- Working with and Listening to the customer
- Reputation for responsiveness

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