The LSI Improved Personnel Lowering Device (IPLD) enables aircrew to safely lower themselves when suspended above ground. The IPLD replaces the antiquated product currently in use by the warfighter. Our IPLD includes a new and improved, hand-operated braking device to enable a safer descent while increasing comfort for the user. The IPLD also allow single-handed, ambidextrous accessibility for greater device location flexibility and comes in various sizes to facilitate mounting to survival vests and other MOLLE attachments.
System Features

- Significant size & weight reduction.
- Single-handed use for both connecting and descent.
- Complies with current military operational design and application.
- Easier to maintain and reload during training.
- Descent line can be reused 50+ times during training.
- High temperature Kevlar egress line.
- Will not tangle.
- Will not melt.

**Kevlar Tubular Webbing Line**
- Breaking Point: 3600lbs.
- Heat resistant up to 800°F.
- Resistant to most chemical compounds & salt water.

**Outer IPLD Kevlar Line Container**
- 1000 Denier Cordura.
- Resists mold and mildew.
- Water resistant.
- Flame retardant.

**Inner Line Storage Platform**
- 500 Denier Cordura.
- Resists mold and mildew.
- Water resistant.
- Flame retardant.

**KONG Frog Connecting Device**
- Breaking Point: 5845lbs (26kN).
- Makes obsolete the concept of a carabiner as a hook.

**AL-4 Hand Brake**
- Shock load resistant.
- Breaking Point: 3147lbs (MBS 14kN).
- Designed for single-handed, ambidextrous operation.
- Stops gradually (2-3ft) to retain line integrity when brake is released or dropped.

**Decent Pull Tab**
- Black nylon.
- Breaking Point: 6000lbs.

**Stop O-Ring**
- Stainless Steel.
- Breaking Point: 600lbs.