

VITA RESCUE SYSTEM

LITTER ATTACHMENT



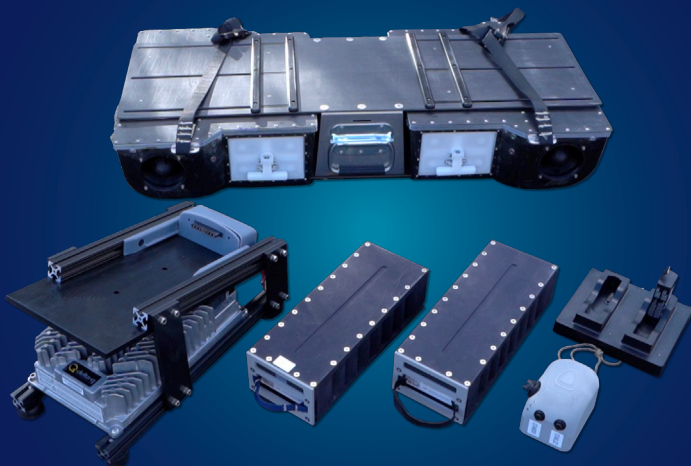
The Vita Rescue System Litter Attachment is a lightweight, quick-attach unit compatible with a variety of rescue kits, such as SKEDCO, Stokes, and other rescue bags. It enables helicopter crews greater speed, safety, and control on hoisting operations, allowing them to complete hoists four times faster than traditional taglines.

FEATURES

- Autonomously stabilizes rescue hoist spin and swing; accounting for rotor wash, high winds, and other environmental conditions
- Fly-to-Target capability (see benefits)
- Helicopter/rescue kit agnostic
- Ingress protection: IP65
- Direct user-controlled positioning using a wireless control pendant

BENEFITS

- Fly-to-Target capability: fly the basket off axis from beneath the helicopter to navigate between obstacles, or conduct precision insertion on difficult terrain
- Control the litter without taglines or ground crews
- Stabilizes the litter while dynamically hoisting
- Reduced hover time and pilot fatigue
- Maintenance-free outside of daily preparations





SPECIFICATIONS

OPERATIONAL ENVELOPE

The swing stabilization feature acts as an active swing dampening solution. Typical swing stabilization for an empty rescue kit is 1.5 swing periods. Stabilization time varies based on cable length, patient weight, and environmental disturbances

SPIN STABILIZATION

< 3 seconds

CONTROL PENDANT COMMS

ISM 915 MHz

CONTROL PENDANT RANGE

Up to 1,000 ft. / 304m

PENDANT COMMAND RESPONSE TIME

~100ms

SYSTEM WEIGHT

<50 lbs

BATTERY

4.8 amp hours, rechargeable Lithium Iron Phosphate
Charge time: <35 minutes
(Batteries are cold-swappable)

OPERATIONS COUNT / BATTERY LIFE

Up to 90 minutes of live hook time on a single charge, depending on:
- Patient weight
- Helicopter motion
- Winds and other environmental impacts

**BUILDING TECHNOLOGY
THAT BRINGS PEOPLE
HOME...EVERY TIME!**

To learn more about the
VRS Litter Attachment, visit our website at
www.vitatech.co

