Bol 2013
Problematic:

- Many incidents non resolved by rope maneuvers with “releasable systems”,
- The risk to link the helicopter to the cliff during the drop off is not addressed.

Examples.
LEZARD prototype

LEZARD (FR) = Lizard (EN)
LEZARD prototype

- Hoist hook
- Stretcher
- Cliff anchor
- Rescuer / casualty
LEZARD prototype

1. Drop off the rescuer
2. Pick up

A.
2. Pick up

LEZARD prototype
LEZARD prototype

Drop off and pick up - Emergency situation

≈ 20 kg
LEZARD using process

3 main rules:

- Only use the LEZARD when necessary,
- Only helicopter linked to the hoist hook,
- Nothing human on the LEZARD’s tail.
LEZARD using process

Use the LEZARD only for drop off and pick off.

Drop off process.

Pick up process.
A new tool which requires good training:

- The « human factor » decreases, but still remains,
- The LEZARD will change habits. We will have to adapt ourselves to this new safety device.

We are now improving the study of use cases; tests with the helicopter will come soon.
Thank you for your attention
LEZARD prototype

150 kg MAX

150 kg MAX

150 kg MAX

250 kg MAX
LEZARD prototype

How does it work?
LEZARD prototype