

# HELICOPTER HOIST HARNESS

SKU - 40020125

## OPEN LEG HOIST HARNESS

### Description

When rescuing people in distress, dangling below a helicopter in darkness, high winds, heavy rain and only a little time to do the job, a reliable and comfortable hoist harness is a must.

The unique light weight sit-in rescue harness was originally developed in close coordination with the Danish Air Force. Various version are available to meet the needs of SAR Squadrons worldwide.

The helicopter rescue harness allows the operator to move there legs freely in order to support the casualty during the lift to the helicopter ,

#### **The harness features :**

- Alpine style fully padded open leg straps
- Unique elastic suspension to allow walking and swimming
- D-rings for auxiliary equipment
- Strap for radio attachment
- OPTIONAL - Waterproof pocket



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### Specifications

- Comfort padding made by utilizing a 3D-spacer material. Super light weight, only 6mm thick and with the same protection as the old, dual layer, traditional 15mm cell foam. The padding is slightly drop shaped and extends below the harness, to protect the lower part of the spine and coccyx.
- The padding on leg straps has a curved and slotted inner profile. As the padding is moveable, even under suspension, it is very easy to distribute the pressure at the back of the thighs. This is not for comfort only, it also reduce the risk of suspension trauma.
- Moveable lanyard attachment: Unhook the Velcro, move the attachment point to your favourite position and "snap" the waist belt back on. The attachment point accepts Lite Flite click-lock lanyards, karabiners as well as our new Personal Quick Release.
- The side adjusters are moved a little bit forward, compared to the Classic 1453-series harnesses. This reduces the risk of having your ribs hurt in a fall.
- Accessory D-rings are designed to break away if the force exceed some 40-60 kg. This means that you can carry a guide line or a pair of swim fins, but if anything gets stuck, it will not cause you (and the helicopter) to be accidentally firmly tied to i.e. a ship wreckage.

### Materials

- UV resistant, high density Polyester webbing, MBS > 45 kN
- Hardware made of corrosion treated stainless steel and sea water resistant, anodized 6082 aluminium

### Life Cycle

- **Recommended life time: 5 years from initial use.**
- Annual maintenance: Inspection and certification
- Daily maintenance: Flush with cold tap water

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### Inspection Check List

| Part No.  | Serial No.                                                                                       | inspected by | Date | Signature |
|-----------|--------------------------------------------------------------------------------------------------|--------------|------|-----------|
|           |                                                                                                  |              |      |           |
| Check No. | Description                                                                                      | Pass / Fail  |      |           |
| 1 )       | Assembly is clean, dry and free from rust and mildew                                             |              |      |           |
| 2)        | Stitches in stitch patterns are intact and no stitches are missing                               |              |      |           |
| 3)        | Webbing edges are intact and without cuts or severe wear                                         |              |      |           |
| 4)        | Webbing fibres are intact and not broken                                                         |              |      |           |
| 5)        | Webbing surfaces is intact (Slightly frayed or woollen appearance is allowed)                    |              |      |           |
| 6)        | Webbing shows no signs of stiffness due to UV-radiation                                          |              |      |           |
| 7)        | Hardware is fully functional                                                                     |              |      |           |
|           | * Engage buckles and connectors and pull webbing to check function                               |              |      |           |
|           | * Test that any sliders can move freely along the straps                                         |              |      |           |
| 8)        | Hardware is free from nicks, burrs and sharp/ cracked edges                                      |              |      |           |
| 9)        | Hardware has no corroded or scored surfaces and edges                                            |              |      |           |
| 10)       | Hardware is not deformed or broken in any way                                                    |              |      |           |
| 11)       | Labels are stitched properly to the assembly and are fully legible                               |              |      |           |
| 12)       | The orange cover is securely stitched to the foam cushion and webbing straps, and does not slide |              |      |           |

**If the sling strop has passed all inspections, it can be released to service**

**If a sling strop fails inspection, it is to be removed from service, and may not re-enter service until all errors have been corrected and a new inspection has been performed with a positive result.**



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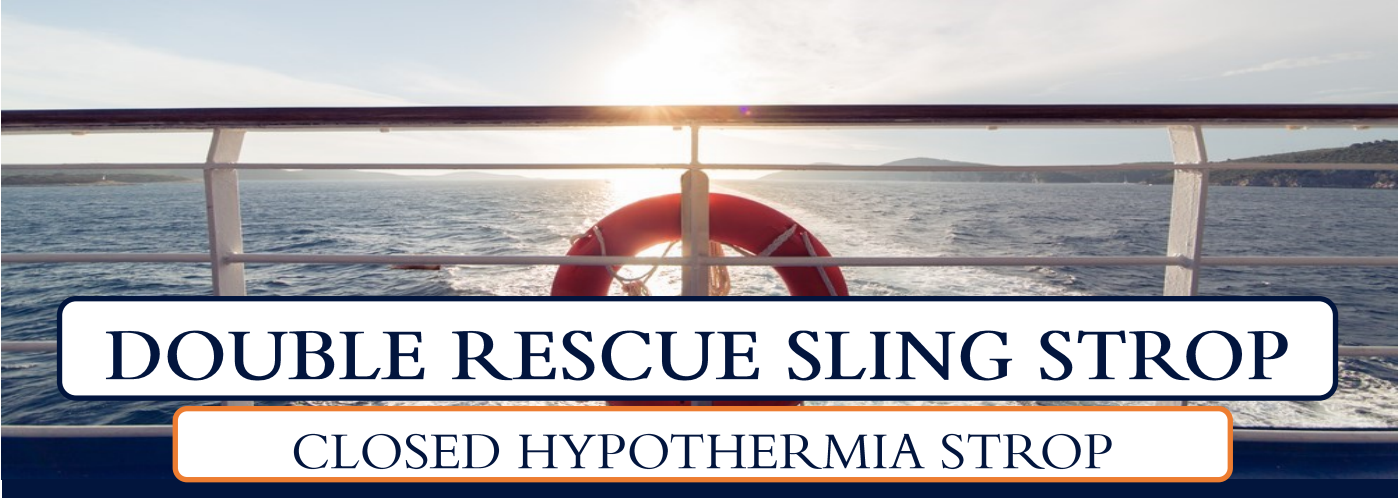
### Inspection Notes

| Part No. | Serial No. | inspected by | Date | Signature |
|----------|------------|--------------|------|-----------|
|----------|------------|--------------|------|-----------|

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| Note No. | COMMENT |
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# DOUBLE RESCUE SLING STROP

## CLOSED HYPOTHERMIA STROP

### INSPECTION PROTOCOL

#### REPORTING

Rescue sling strops that do not pass final inspection may not re-enter into service. Withdraw the equipment from service, and report to I.C.Brindle & Co Ltd who will advise further action. I.C.Brindle & Co Ltd can be reached by phone +44 (0) 1202 657814 or by email to [info@icbrindle.com](mailto:info@icbrindle.com) If sending email, please include as many details as possible and be prepared to send close-up pictures.

#### STORAGE

All repairs and overhauls must appear clearly from the product log card for each rescue sling strop. Storage dates must be entered into the log card. The rescue sling strop may be stored dry and clean in a closed cardboard box, under normal warehouse conditions: The recommended storage temperature range is from +10 oC to +30 oC It is, however, authorized to store at temperatures from -18 oC to +45 oC Rescue sling strops are not to be stored in the same room as lead-acid batteries, other damaging acids or corrosive compounds, and must be stored away from direct sunlight and UV radiation.

#### RELEASE TO SERVICE

By release to service from storage, the rescue sling strop is to be inspected before re-entering service.

Life time: Maximum 5 years from date of initial use.

### **CAUTION!**

**FAILURE TO OBSERVE THESE INSTRUCTIONS MAY CAUSE THE RESCUE SLING STROP TO MALFUNCTION, WITH SUBSEQUENT RISK OF SERIOUS INJURY OR DEATH.**