

## RSB131 FastAid Basket Stretcher With Lifting Bridle



### 1. PRODUCT INFORMATION

#### 1.1. Product details

Code: RSB131  
Description: FastAid Basket Stretcher With Lifting Bridle

#### 1.2. Product specifications

Dimensions: 218 (L) x 62 (W) x 18 (H) cm  
Working Load Limit: 272kg (for both stretcher and included lifting bridle)  
Product weight: 17 kg  
Operating temperature limits: -10°C to +40°C

## 2. CONTACT INFORMATION

### 2.1. Customer care contact details

Phone: 1800 13 12 11  
Address: 110-114 Old Bathurst Road, Emu Plains NSW 2750 Australia  
Email: sales@fastaid.com.au  
Website: www.fastaid.com.au

### 2.2. Importer contact details

Company: Vivaquip Pty Ltd t/as FastAid  
Phone: 1800 13 12 11  
Address: 110-114 Old Bathurst Road, Emu Plains NSW 2750 Australia  
Email: sales@fastaid.com.au  
Website: www.fastaid.com.au

## 3. DISCLAIMER

This product manual contains general instructions for the use, operation and care of this product. The instructions are not all-inclusive. Safe and proper use of this product is solely at the discretion of the user. Safety information is included as a service to the user. All other safety measures taken by the user should be within and under consideration of applicable regulations and local protocol. Training on the proper use of this product must be provided before using this product in an actual situation. Retain this manual for future reference. Include it with the product in the event of transfer to new users. Additional free copies are available upon request from Customer Care.

## 4. PROPRIETARY NOTICE

The information disclosed in this manual is the property of Vivaquip Pty Ltd t/as FastAid (referred to as 'FastAid' from hereon). FastAid reserves all intellectual property rights, proprietary design rights, manufacturing rights, reproduction use rights, and sales use rights thereto, and to any article disclosed therein except to the extent those rights are expressly granted to others or where not applicable to vendor proprietary parts.

## 5. LIMITED WARRANTY STATEMENT

The products sold by FastAid are covered by a limited warranty. The complete terms and conditions of the limited warranty, and the limitations of liability and disclaimers, are also available upon request by contacting FastAid Customer Care.

## 6. SAFETY INFORMATION

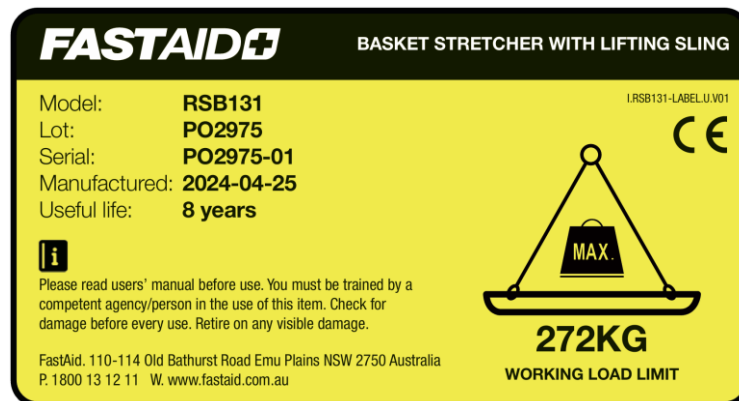
### 6.1. Safety Labels

Labels transfer crucial information from the User's Manual onto the product itself. It is essential to read and adhere to the instructions on the label. Any labels that are worn or damaged should be replaced immediately.

The product information label, which is attached to the inner end of the basket stretcher as well as the lifting bridle, includes vital details about the unit and its manufacturing date.

Below is an illustration of a sample safety label.

#### Basket stretcher:



#### Lifting bridle:



#### 6.2. Product lifespan

The basket stretcher and lifting bridle have an eight-year lifespan and should be retired from service after this period if no damage has occurred before the end of the eight years.

#### 6.3. Bloodborne disease notice

To minimise the risk of exposure to bloodborne pathogens like HIV-1 and hepatitis while using the stretcher, adhere to the disinfection and cleaning guidelines provided in this manual.

#### 6.4. Other essential general safety notes

- Operators are required to read this manual thoroughly, adhere to the instructions, and become acquainted with the proper operation and maintenance procedures for the stretcher.
- Inform the patient whenever you are making adjustments to the stretcher. Do not leave the stretcher unattended when it is occupied by a patient.
- Incorrect usage or maintenance can pose risks to individuals or property. Ensure the stretcher is used and maintained strictly according to the guidelines in this manual.
- Only utilize spare parts and services that are certified by FastAid.
- The lifting bridle included with this basket stretcher should be utilized solely for the purposes described in this manual.

## 7. OPERATOR SKILLS AND TRAINING

### 7.1. Skills

Operators of the basket stretcher must have:

- A working knowledge of emergency patient-handling procedures.
- A thorough understanding of the procedures outlined in this manual.
- The capability to assist the patient.
- Adherence to the local protocols and guidelines established by their organisation.

**WARNING: Only trained operators should use this equipment as untrained use can result in injury. Rescue procedures should not be attempted by anyone without professional training. The lifting bridle and basket stretcher must only be installed and utilized by qualified personnel. Misuse of the lifting bridle may lead to injury. Use the lifting bridle solely as specified in this manual.**

### 7.2. General Guidelines for Use

- Rescue procedures involving the lifting bridle and basket stretcher require specialized skills and are inherently risky. Only trained rescue personnel with professional instruction should undertake such procedures.
- Given the variability of rescue situations, this manual is intentionally broad. Trained individuals must understand high angle rescue techniques and choose suitable lifting gear, stretchers, and patient restraint systems for each unique scenario.
- Verify that all equipment used in conjunction with the basket stretcher and lifting bridle has a load rating that matches or exceeds that of the stretcher and bridle.
- Secure the patient properly in the stretcher to prevent any movement inside or accidental ejection from the stretcher during the high angle rescue.

### 7.3. Training

Trainees are required to:

- Adhere to a training program designed or sanctioned by their training officer.
- Study this manual. For extra copies of the users' manual at no cost, reach out to FastAid Customer Service.
- Conduct practice sessions with the stretcher prior to its use in active service.
- Undergo evaluation and testing to demonstrate their comprehension of the stretcher's operation.
- Document their training information in the table provided at the end of this manual .

## 8. INTRODUCTION

### 8.1. Presentation of the Manual

This manual is a part of the article to which it is referred. Please read this manual carefully as it provides important information on safety during use and maintenance procedures. Please retain for future reference. Graphics and images contained in this manual are examples only and may not exactly represent minor improvements made to the product.

### 8.2. Stretcher Description

The FastAid RSB131 basket stretcher (called the basket stretcher, stretcher or stretchers in this manual) is an emergency patient-handling device designed to transport patients to conventional cots or stretchers from areas that are difficult to access. The stretchers are for

professional use only. A minimum of two trained operators is required to carry a stretcher. Additional help may be needed for heavy loads.

### 8.3. General specifications

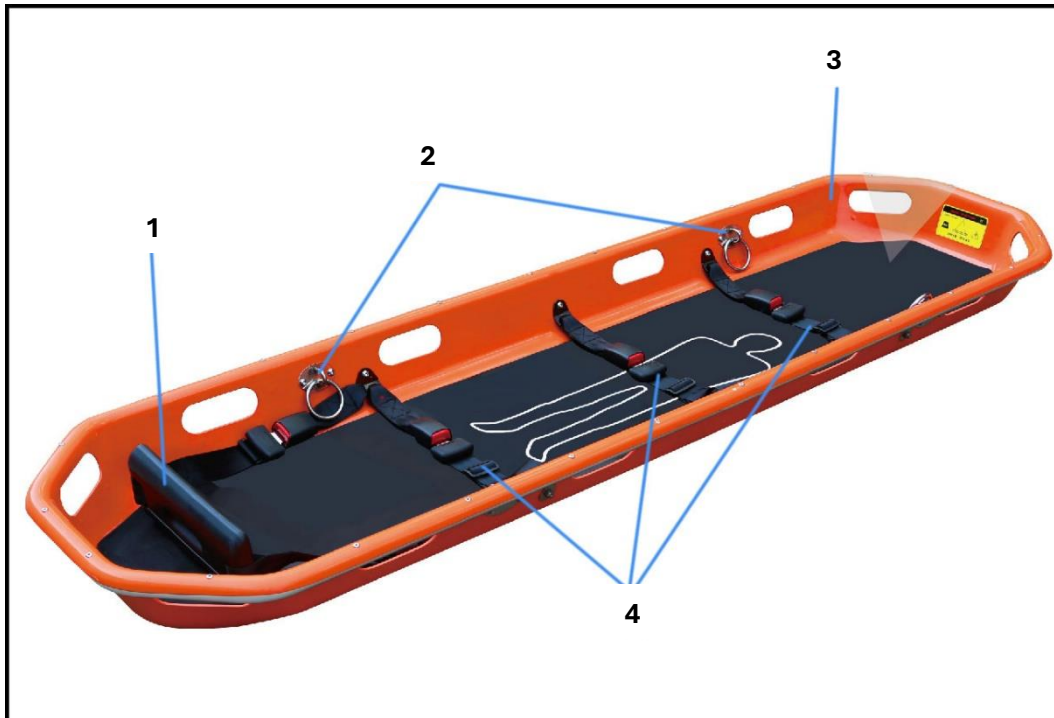
Dimensions: 218 (L) x 62 (W) x 18 (H) cm  
Working Load Limit: 272kg  
Product weight: 17 kg  
Operating temperature limits: -10°C to +40°C

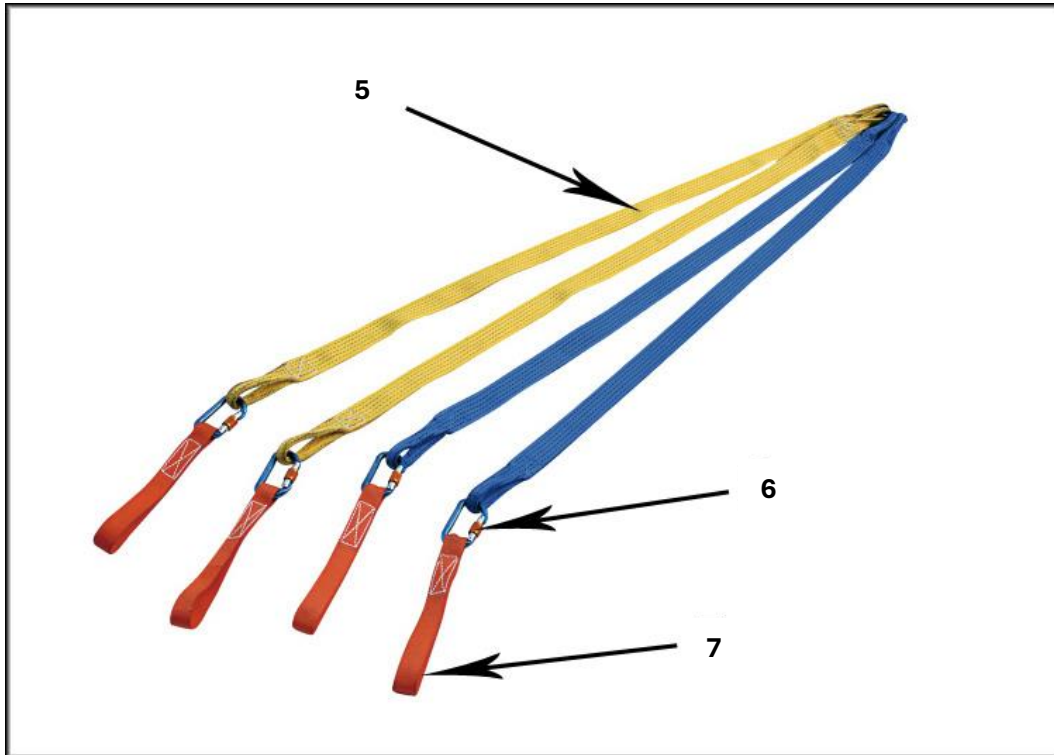
The load limit includes the combined weight of the stretcher, patient, life-support equipment, and, in some rescue situations, the rescuer.

FastAid reserves the right to change specifications without notice.

### 8.4. Model features

- 1: Set of 3 restraints with buckles
- 2: Four lifting bridle rings
- 3: High-density polyethylene shell with 12 handholds
- 4: Foot plate with strap and buckles
- 5: Lifting bridle
- 6: 4 lifting bridle karabiners
- 7: 4 lifting bridle safety straps





## 9. SETTING UP THE STRETCHER

### 9.1. Attaching the foot plate

The RSB131 stretcher comes with a foot plate. This foot plate is essential in high-angle rescue scenarios or when navigating uneven terrain, as it prevents the patient from sliding towards the stretcher's foot end. It acts as a component of a restraint system, offering multi-directional stability for the patient.

To attach the foot plate:

- The foot plate assembly has seat-belt style buckles attached to the foot plate straps
- Slide the tangs (metal buckle sides) of the buckles into the receivers until you hear an audible 'click'. Test the connection is secure by firmly pulling on the strap once connected.
- Centre the foot plate on the strap, parallel with the end of the stretcher (see figure 1 below). The foot plate should press firmly against the bottom of the patient's feet. It may be necessary to reposition the patient slightly to achieve this or adjust the length of the straps. (See following section 'Using and adjusting restraints' for how to adjust restraint length)



## 9.2. Using and adjusting restraints

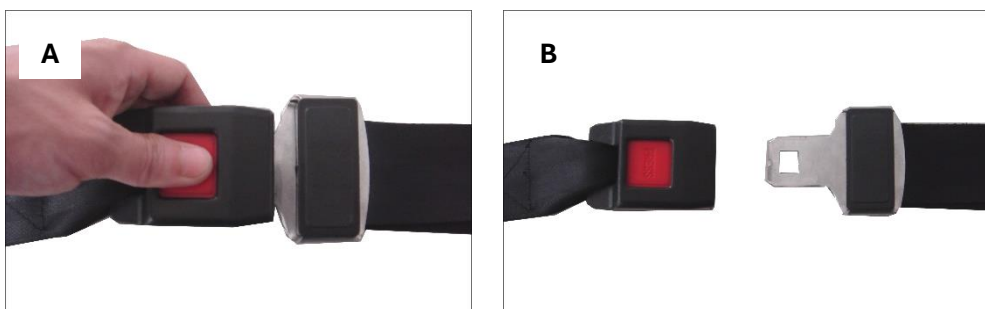
The RSB131 basket stretcher is equipped with three seat-belt style restraints to secure patients during transport. All three provided restraints should be used to immobilize the patient in the stretcher. These restraints are not to be used for lifting, attaching equipment, or any other purposes. In certain rescue scenarios, additional or alternative restraint systems may be necessary. It is the duty of trained rescue professionals to choose a restraint system that is appropriate for both the rescue situation and the patient's condition.

The purpose of each of the 3 restraints are;

- Upper restraint, to restrain the chest area
- Middle restraint, to restrain the pelvis area
- Lower restraint, to restrain the legs

Always advise the patient prior to any restraint adjustments being made. Patient must be firmly and safely secured by restraint prior to moving the stretcher with a patient on board.

**To unbuckle the restraints**, firmly press the red release button on the buckles. (exact buckle design may vary from what is shown)



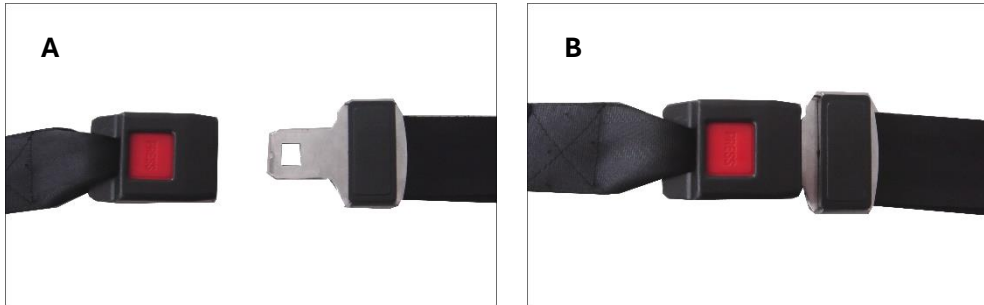
### To lengthen the restraint;

- Grasp the tang (metal buckle) side of the restraint
- Tilt it perpendicular to the webbing
- Pull the bottom/lower strap away from the buckle end until desired length is reached.

### To shorten the restraint;

- Grasp the tang (metal buckle) side of the restraint
- Pull the top/upper strap away from the buckle end until desired length is reached.

**To buckle the restraints**, insert the tang (metal buckle) and insert it into the receiving side of the restraint until you hear a ‘click’. Ensure you test the connection is secure by firmly pulling on both sides of the restraint once connected. (exact buckle design may vary from what is shown)



## 10. ATTACHING THE LIFTING BRIDLE

### 10.1. Description

The RSB131 basket stretcher comes with a specialized lifting bridle, which is designed to serve as an interface between the stretcher and a rope hoist, cable, or other lifting apparatus.

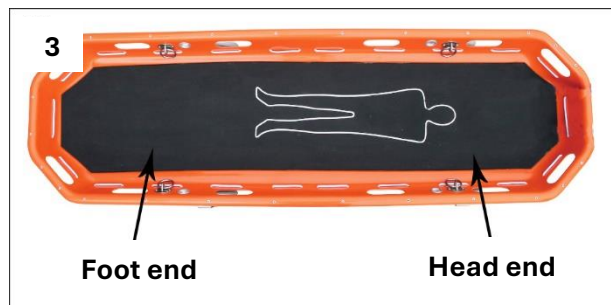
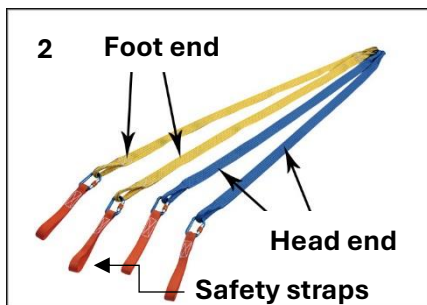
### 10.2. General specifications

Working Load Limit: 272kg  
Operating temperature limits: -10°C to +40°C

### 10.3. Attachment to the basket stretcher

The lifting bridle has two separate colour-coded branches attached to the lifting ring, each with karabiners and safety straps attached. The yellow foot end straps (longer straps) must be attached to the foot end of the stretcher and the blue head end straps (shorter straps) to the head end of the stretcher. (See Figure 2 and 3).

Note: In some instances, the yellow foot end straps (longer straps) may be orange.





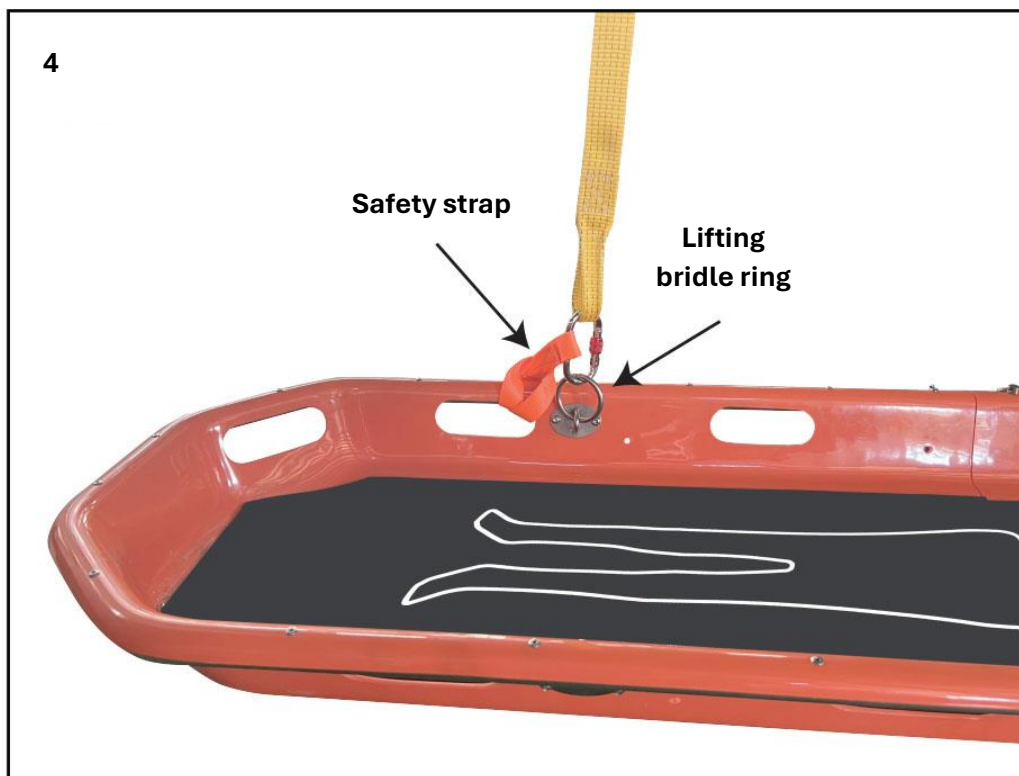
#### 10.4. Safety straps

The small orange colour straps are safety straps. In some instances, these safety straps may be yellow. To attach the safety straps;

1. Ensure the safety straps have been removed from the karabiners
2. Slide the large looped end through the closest handhold to the lifting bridle rings, then insert the small looped end through the large loop
3. The small looped end is to be attached to the karabiner in the following step 'Karabiners'
4. Repeat for each safety strap

#### 10.5. Karabiners

- Unscrew the locking sleeve until it is clear of the nose at the gate opening.
- Squeeze the gate open and remove the orange safety straps
- Squeeze the gate open and slide the nose of the karabiner through the lifting bridle rings on the basket stretcher
- Squeeze the gate open and slide the nose of the karabiner through the small looped end of the safety strap
- Release the gate and secure it in the closed position by tightening the locking sleeve until it covers the nose and stops travelling (Figure 4).
- Repeat for each karabiner



## 11. USING THE STRETCHER

### 11.1. Before Placing the Stretcher in Service

1. Individuals operating the stretcher must review this manual and undergo proper training.
2. Assemble the stretcher, securing the restraints and lifting bridle as needed.
3. Ensure that the stretcher, restraints, footplate, and lifting bridle are all functioning correctly.

### 11.2. General Guidelines for Use

- Operating the stretcher requires at least two trained individuals. Additional assistance is often necessary in rescue scenarios. For guidance on helper placement and direction, refer to the 'Carrying the Stretcher' section.
- Adhere to local protocols and established emergency procedures for patient handling when utilizing the stretcher.
- This manual does not provide medical advice. Users are responsible for ensuring the safety of both the patient and themselves.
- Maintain constant presence with the patient.
- Use the provided patient restraints or an appropriate restraint system for the rescue context.
- Use of ropes, winches, ladders, lifting bridles, or other specialized equipment for stretcher movement indicates a high angle or technical rescue, which should only be executed by personnel with specific training.

### 11.3. Transferring a Patient Into the Stretcher

When immobilization of a patient is necessary, adhere to local protocols. Ensure that the scoop stretcher or backboard you intend to use for patient transfer fits comfortably within the basket stretcher by verifying its dimensions before deployment.

The basket stretcher may be padded with one or more blankets to provide extra warmth or protection for the patient, depending on their condition, the weather, and the specifics of the rescue scenario.

The method chosen to transfer the patient into the stretcher should be based on the patient's condition and the nature of the rescue. This should be in accordance with local protocols or the directives of your medical director.

Secure the patient onto the stretcher using the provided restraints or a system chosen by high angle rescue experts. To ensure the safety of any life-support equipment, employ additional restraints, ropes, or other securing methods.

**Warning: Do not exceed the basket stretcher's maximum working load limit of 272kg, which includes the weight of the stretcher, patient, any life support equipment, and in some rescue situations, a rescuer.**

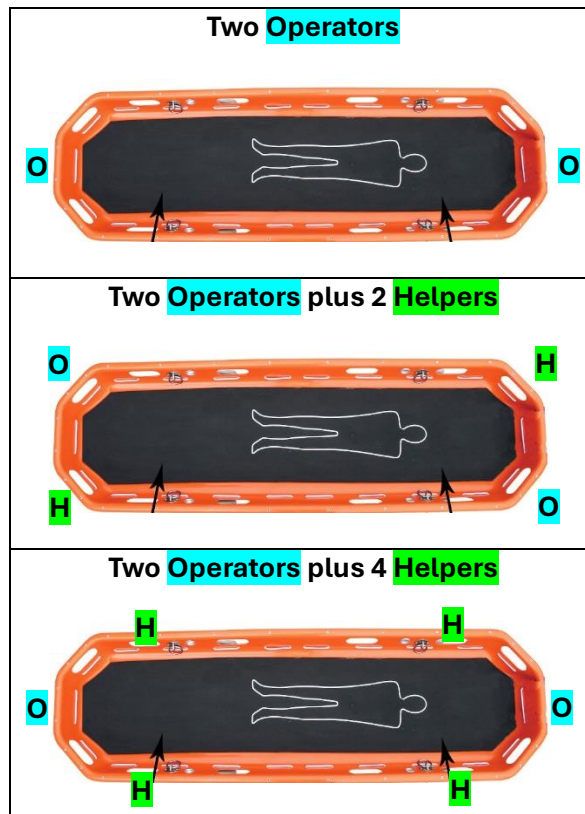
### 11.4. Carrying the Stretcher

Transporting a stretcher requires at least two trained Operators, each positioned at one end of the stretcher, facing one another.

When the load is substantial or the stretcher needs to be transported over a long distance, across uneven ground, or through debris, extra assistance is necessary.

The squad leader must oversee the stretcher's movement and coordinate the efforts of all helpers. These helpers should be arranged to maintain the stretcher's balance and levelness. Refer to Figure 5 for the recommended positioning of operators and assistants.

**Figure 5**



### 11.5. Sliding the Stretcher

In certain rescue scenarios, it's necessary to glide the stretcher on its runners across the ground. It's important to steer clear of rocks, stumps, branches, or any other obstacles that could damage the stretcher.

When the use of ropes, winches, ladders, lifting bridles or other specialized equipment is necessary to manoeuvre the stretcher, the rescue operation is classified as high angle or technical. Such rescues should only be executed by rescue personnel with specialized training.

## 12. USING THE STRETCHER IN HIGH ANGLE RESCUE SITUATIONS

Specially trained personnel are responsible for understanding high angle rescue techniques and choosing the most appropriate equipment and procedures for each unique rescue scenario.

### 12.1. Tie in points for lifting bridles or ropes

The RSB131 basket stretcher is equipped with four lifting bridle rings for horizontal lifting and lowering, offering secure tie-in points for ropes or carabiners as shown in Figure 4. It is essential to always utilize the provided patient restraints or a restraint system that is appropriate for the rescue scenario.

### 12.2. Tag lines

Secure a tag line to the handholds at each end of the stretcher, enabling rescuers to position or manoeuvre the stretcher and prevent it from rotating.

## 13. MAINTENANCE

### 13.1. Maintenance schedule

Regular maintenance is essential for the stretcher. Establish and adhere to a maintenance schedule. At the end of this manual, you will find a sample maintenance record sheet. The following list outlines the minimum maintenance intervals.

Failure to properly maintain the stretcher can result in injury. Only perform maintenance on the stretcher as instructed in this manual.

- Disinfecting Each use
- Cleaning As needed
- Inspection (stretcher) Every 30 days
- Inspection (lifting bridle) Each use

**Caution: Using disinfectants or cleaners that include bleach, phenolics, or iodines may damage the stretcher, restraints, and pad. It is essential to use only cleaning products that are free of these substances.**

### 13.2. Disinfecting and cleaning the stretcher

First, remove the pad and restraints from the stretcher. Then, apply disinfectant to all surfaces of the stretcher, adhering to the manufacturer's instructions for the application method and required contact time.

Next, hand wash the stretcher using warm water and a mild detergent. Afterward, rinse the stretcher thoroughly with clean water. Either dry it with a towel or let it air dry. Finally, store the stretcher in a dry location.

### 13.3. Disinfecting and cleaning the stretcher pad

Take the pad off the stretcher. Disinfect all surfaces of the pad following the manufacturer's instructions for the application method and contact time.

Wash the pad by hand using warm water and a gentle detergent. After washing, either hang the pad to dry or pat it dry with a towel.

#### **13.4. Disinfecting and cleaning the restraints**

**Buckles:** Use disinfectant or cleaner as per the instructions provided by the manufacturer of the disinfectant.

**Webbing:** Follow the disinfectant manufacturer's instructions for application. For cleaning, submerge the restraint webbing (excluding buckles) in warm soapy water. For rinsing, submerge in clean water. Hang the restraints up to air dry. Avoid using a dryer for the restraints.

#### **13.5. Disinfecting and cleaning the lifting bridle**

Disinfect all surfaces of the bridle by wiping or spraying them. Adhere to the disinfectant manufacturer's instructions.

Wash the bridle by hand in warm water using mild soap, then rinse thoroughly with clean water. Employ towels to remove excess water from the webbing and wipe any remaining moisture from the hardware and carabiners.

Dry the bridle by hanging it in a well-ventilated, warm area out of direct sunlight. Once the webbing, hardware, and carabiners are fully dry, proceed to lubricate the carabiners as instructed below.

#### **13.6. Lubricating the karabiners**

To maintain your karabiners, apply a preservative and lubricant like WD40 to the hinge pins, latches, springs, and locking sleeves. Ensure you remove any excess lubricant before storage to prevent contamination of the bridle webbing.

#### **13.7. Inspecting the stretcher**

Have your service's equipment maintenance personnel follow the checklist below to inspect the stretcher. If inspection shows damage or excessive wear, remove the stretcher from service until repair is made. Contact our customer care team.

#### **13.8. Storage**

Store the basket stretcher and lifting bridle in a dry place, away from direct sunlight.

##### **Inspection checklist (stretcher)**

- Are all components present?
- Are all rivets securely attached?
- Is the stretcher basket free of punctures, cracks, deep gouges, and cuts?
- Is the stretcher frame free of bends and cracks?
- Are runners in good condition and securely attached to the basket?
- Is restraint webbing in good condition with no cuts or frayed edges?
- Are restraint buckles free of visible damage and do they operate properly?
- Is pad free of cuts and punctures?
- Does pad attach to stretcher properly?
- Is the product safety label securely attached and legible?

### **Inspection checklist (lifting bridle)**

- Are all components present?
- Is all webbing in good condition with no frayed edges or cuts?
- Is webbing stitching in good condition with no frayed or broken threads?
- Are the adjuster buckles and lift O ring true to their original forms and free of cracks, deep scratches and gouges?
- Do moving parts of the adjuster buckles move smoothly?
- Are the karabiners true to their original form?
- Are the karabiners free of cracks, deep scratches and gouges? Check to ensure what may appear to be a scratch is not actually a crack.
- Are karabiner hinge pins securely in place?
- Do the karabiner locking sleeves turn smoothly and latch the gates securely?

If inspection reveals damage or excessive wear, remove the lifting bridle from service and retire it. Do not attempt to repair or replace any materials or components.



