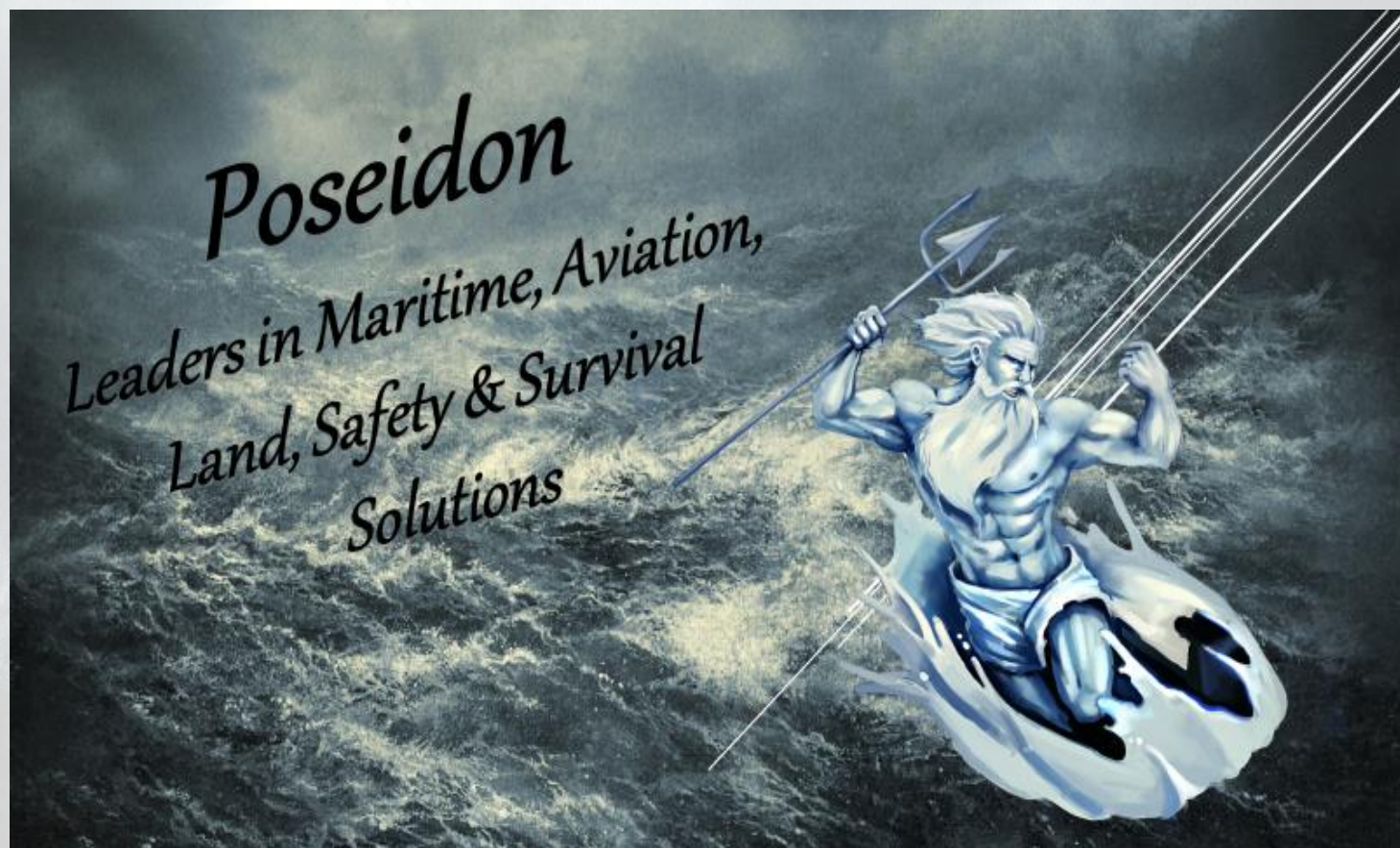


# Poseidon Victim Harness

PVH2365  
(Super Nappy Style)

## User's Manual





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**Poseidon Victim Harness PVH2365**  
**Owner's Manual Part No. PMVH2365-1**



**Product Warning – Read Manual prior to use:**

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### Three Levels of Caution Notices



Danger of  
death

The **WARNING** indicates a procedure or situation that, if not avoided, could result in serious injury or death to the User



Possible  
Damage to  
Apparatus

The **CAUTION** indicates any situation or technique that could cause damage to the product, and could subsequently result in injury to the user.



The **NOTE** is used to emphasize important aspect, tips, and reminders.

### Product Description

The PVH2365 Victim Harness is a unique ANZS1891.1 approved Super Nappy style harness.

The PVH2365 is made entirely of FR materials with areas of hi-luminance colouring for ease of visual identification, and Stainless Steel 316 fittings.

The design allows for use with patients of 40kg – through to 150kg, in a design which ensures the patient at all times is held securely and comfortably within the harness, as stipulated within ANZS1891.1

With correct adjustment of the two Shoulder, and two Waist adjustment points the Users are offered a snug, comfortable and correct angle during the winching process  
The PVH2365 offers the Wireman ease of fitting to the patient, with easily identified Shoulder and Crotch attachment points.



## General Pre-Cautions and Warnings.



Poseidon recommends that these instructions are read in conjunction with AS/NZS 1891.4:2009 “Industrial fall-arrest systems and devices”.



The PVH2365 is a Bare harness and is not allowed to be altered, amended or added to in any form, unless agreed to by manufacturer in writing and counter signed by the Aviation Authority



Users must be certified and competent in the use of this equipment



All equipment must be checked by the end-user before and after each use. If there is any doubt about the condition of the equipment or its ability to perform it should be removed from service and marked clearly with “Non-Serviceable” and isolated.



All equipment must be checked by the end-user before each use to ensure the item is in service and has received a 6 month Inspection with the appropriate Release To Service (RTS) inspection tag/card for that current period



## Intended Use:

The Victim Harness may be used for:

Hoisting of Front Rings joined together Limitations:



The harness is only permitted to be used where the maximum allowable free fall distance is less than 2 meters



All fall arrest connection points are labeled. Front fall arrest “D” rings or webbing loops are to be connected together using a karabiner or similar device.



Only the attachment points marked for fall arrest shall be used for the attachment of lanyards or other equipment provided to arrest a free fall



Only the attachment points marked for fall arrest shall be used for the attachment of lanyards or other equipment provided to arrest a free fall



All other attachments are for pole straps, limited fall or retrieval only and are not suitable for fall arrest.



Confined Space Attachment Points are for victim evacuation only and should be used in conjunction with a two-point spreader frame.

The spreader frame must be attached to the loops on the shoulder straps of the harness.

(Refer to AS 2865 for confined space procedures and practices.)





Only competent users who have received training should use this equipment. (Refer to the AS/NZS 1891-4: 2009 recommendations concerning selection, use and maintenance.)



Personal energy absorbers that absorb energy by permanent deformation or destructive action must be discarded if that process has commenced.



No modifications or alterations are to be made to the equipment, this will make the Standard compliance and warranty null and void



Ensure that the harness or webbing does not come into contact with high temperature surfaces, welding, heat sources, electrical hazards or moving machinery. Specially designed harnesses with high heat webbing is available for specialized heat applications



If the equipment is used in areas, or comes into contact with hazardous chemicals, e.g. cleaning materials or atmospheres that may cause damage to the product, contact the manufacturer to see if it is still suitable for use.



All equipment that has been involved in preventing a fall or significant loading must be withdrawn from service and destroyed





*The following instructions for the use of the PVH2365 from this point forward are based on the User being certified for the Operations, that the item and its use, and has been stored correctly and packed in accordance with the manual for use*

#### Donning of the PVH2365:

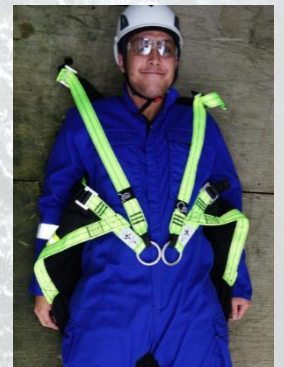
1. If the victim is unconscious lay the harness flat and open on a stable platform or floor surface.



2. Once all buckles are hanging loose and in the correct position, put the harness on with the back dorsal D-ring facing outwards. If the victim is unable to assist, move or roll them onto the harness with their back to the harness.



3. Ensure the arms go through the shoulder straps and the two rings meet in the middle.



4. Bring the bottom of the harness up through the center of the legs and attach it through both rings.

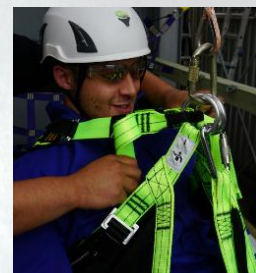


5. Ensure Karabiner is snapped closed and locked in before lifting occurs.

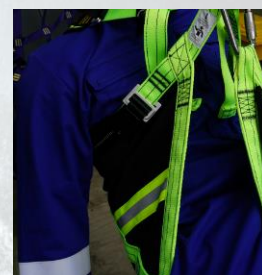




6. Adjust shoulder straps to ensure a snug fit and that the victim will not slip out during a lift.

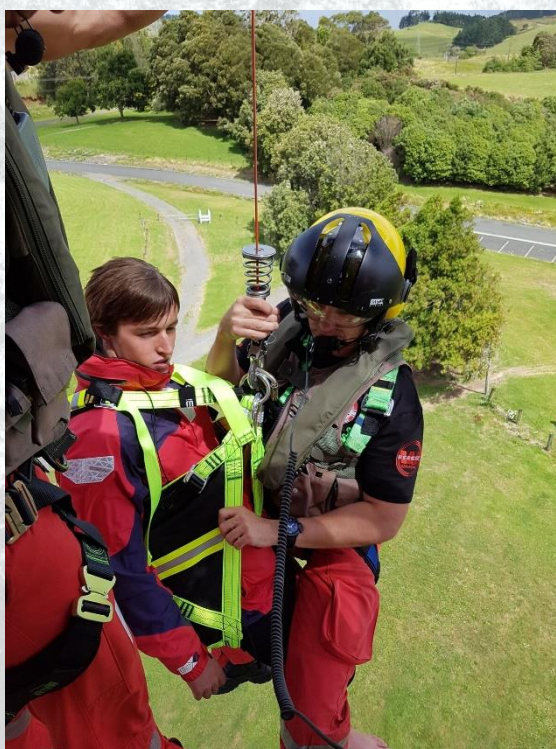


7. There are adjustments on the side of the of the harness to make it smaller or larger to cater for multiple victim sizes; it is important to ensure that the harness is fitted as snug as possible to avoid a victim being able to slip out during transportation.



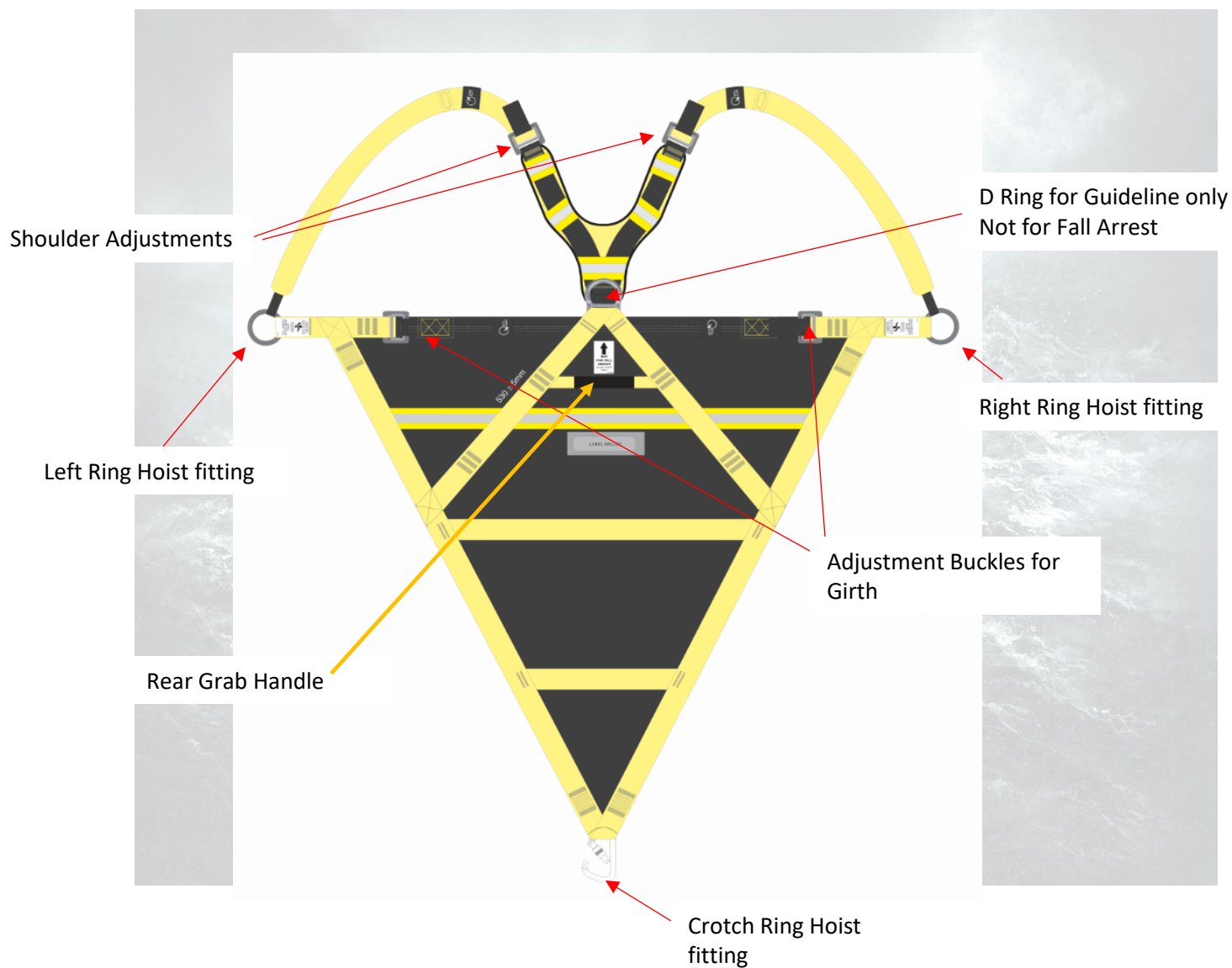
8. Rotor Blade down wash turbulence may cause rotation and instability during victim rescue, so fitting correct fitting is critical.

9. Ensure victim is hanging correctly, during lift to avoid chocking.





### Drawing – Part Identification:





## **10.0 Maintenance and Care of Poseidon Products**

### **10.1 General Maintenance**

- 10.1.1 After immersion in water (other than fresh clean water), the POSEIDON Harness should be rinsed thoroughly. To increase the life of the device, it is recommended to wash the components of the POSEIDON Harness only when required.

### **10.2 Cleaning**

#### **10.2.1 Laundering Procedures**

***NOTE: Do not dry clean.***

***Do not use bleach or other chlorine products.***

***Do not use fabric softeners.***

***Do not tumble dry.***

***Do not iron.***

***Do not dry in front of a radiator or other source of direct heat.***

***Do not store in a wet condition.***

- i. Hand wash or sponge down an area of the Harness System in warm (100°F) soapy (using mild laundry detergent) fresh water, then rinse with clean water. Do not machine wash any part of Poseidon.
- ii. Hang to dry the Harness in a well-ventilated area, which is free from direct sunlight.
- iii. To avoid mildew, hang dry the POSEIDON Harness after every use, and be sure not to stow the product away while damp.

### **10.3 Treatment After Immersion**

- 10.3.1 Whenever a POSEIDON Harness has been immersed in water, it must be treated as specified below and then inspected in accordance with the current authorized servicing schedule.

### **10.4 Fresh Water Immersion**

- 10.4.1 Allow the POSEIDON Harness to dry naturally, preferably in the open air.

***NOTE: Ensure that the Component is completely dry before re-packing.***





## 10.5 Salt Water Immersion

- 10.5.1 Rinse thoroughly with clean, fresh water. Allow the POSEIDON Harness to dry naturally, preferably in the open air.
- 10.5.2 Ensure adequate fresh water is rinsed between the webbings where the Stainless Steel and Aluminum fittings are applied, such as the Attachment Points and Buckles
- 10.5.3 Using a lightly soiled cloth with CRC66 or other equivalent product, wipe the Buckles thoroughly to ensure the fittings are adequately protected from the environment

## 10.6 Chlorinated Water Immersion

- 10.6.1 Immersion of the POSEIDON Harness in chlorinated water is not recommended. If the POSEIDON Harness is immersed in chlorinated water, use the same washing procedure as for salt water (10.5 above) immediately following immersion.

## 11. Service Life

- 11.1 The POSEIDON Harness service life is determined “On Condition” rather than age. POSEIDON Harness may remain in service if properly maintained and all test and inspection results are satisfactory.
- 11.2 Poseidon Harnesses must be inspected before each use by the user and regularly inspected by a competent person and recorded on a register. If the equipment has been involved in a free fall or fails any of the general inspection criteria it must be removed from service and destroyed.
- 11.3 Although the Harnesses have a recommended withdraw from service date marked on them, this is only for storage purposes and will be reviewed and updated by regular inspections undertaken by a competent person at 6 monthly intervals.
- 11.4 Refer to AS/NZS 1891.4:2009 for inspection on entry or re-entry into service (RTS).  
**NOTE: Harness must be inspected every 6 months to comply with meeting the service life of 10 years plus from date of manufacture in accordance with AS/NZS 1891.1:2007 standards.**

## 12 Work Area

- 12.1 The work area where inspection and maintenance of the POSEIDON Harness is performed should be smooth and flat, where the POSEIDON Harness will not snag, tear or otherwise be damaged and should also be cleared of all non-essential equipment and materials.
- 12.2 The working surface should be free of harmful contaminants such as oil, grease, acids or solvents. Work areas, subject to wide temperature variations, should be avoided.





### 13 Storage

13.1.1 The Life Preservers should be stored in the following manner:

- i. They are to be stored in a cool, dry area where an even temperature can be maintained.
- ii. They are not to be exposed to sunlight, ozone gas, or ultra violet rays, and must be kept free from petroleum products, acids or other damaging contaminants.

### 14 Visual Inspection

14.1.1 Harness at all stitching points, buckles, adjusters and webbings for any signs of damage, including broken threads, webbing abrasion, buckles not functioning as required.

### 15 Repairs

#### 15.1 General

15.1.1 It is extremely important that damaged POSEIDON Harness is handled in accordance with the following repair requirements.

Qualified repair personnel can perform some repairs, with adequate OEM Approved facilities. The manufacturer should do all major repairs, unless otherwise authorized by Poseidon NZ. This section provides some information to assist with minor or emergency repairs to the POSEIDON Harness and related components.

#### 15.1.2 Identification of Defects

Defects should be identified in accordance with the inspection and testing procedures detailed

### 16 OEM Certified Inspection and Maintenance Requirements

#### 16.1 Approved Technicians

16.1.1 Poseidon NZ OEM Certified and Qualified Approved Technicians who hold a current Poseidon NZ OEM Approved Certification, with proper equipment, or Poseidon NZ only may Inspect and Maintain Poseidon NZ products.

**Personnel and Inspection Plant approvals require 3 yearly written Certification approved by Poseidon NZ.**



Poseidon NZ

## FORM ONE MAINTENANCE RECORD

Inspection Facility :			
MAINTENANCE CARRIED OUT ON POSEIDON VICTIM HARNESS			
NAME :	David Manzi	Signature :	SIGNED DIGITALLY - D.MANZI
DATE :			
REFERENCE DATA :	POSEIDON VICTIM HARNESS	MAINTENANCE:	ANNUAL 06 MONTH HARNESS INSPECTION
		LICENCE No.	73807

DESCRIPTION OF WORK CARRIED OUT :	
ITEM 1	ANNUAL 06 MONTH VISUAL HARNESS INSPECTION
ITEM 2	
ITEM 3	
ITEM 4	
ITEM 5	

DESCRIPTION OF REPAIRS/REPLACEMENT CARRIED OUT :	PART No.	BATCH No.	QUANTITY	EXPIRY DATE
ITEM A				
ITEM B				
ITEM C				
ITEM D				
ITEM E				

Component Level Inspection	Pass	Fail
Front Right Vertical Webbing		
Front Left Vertical Webbing		
Front Left Shoulder Adjustment Buckle		
Front Right Shoulder Adjustment Buckle		
Front Right Horizontal Waist Webbing		
Front Left Horizontal Waist Webbing		
Front Right Waist Adjustment Buckle		
Front Left Waist Adjustment Buckle		
Left Shoulder/Waist Attachment to Attachment Ring		
Right Shoulder/Waist Attachment to Attachment Ring		
Front Right Diagonal Waist/Thigh Webbing To Crotch		
Front Left Diagonal Waist/Thigh Webbing To Crotch		
Karabiner for correct locking/Unlocking Action		
Right Thigh Comfort Pad		
Left Thigh Comfort Pad		
Shoulder/Neck Comfort Pad		
Right Rear Diagonal Webbing		
Left Rear Diagonal Webbing		
Grab Handle		
Instructions - horizontal Under Grab Handle		
Lower Back Horizontal Webbing		
Seat Horizontal Webbing		
Rear Waist (Back) Adjustment Webbing		
Outer Nappy Fabric		
Inner Nappy Fabric		

DATE	
CLIENT ORDER NUMBER	
WORK ORDER	
LIP FLOW CHART No.	
FORM TWO LABEL REFERENCE No.	
GARMENT SERIAL No.	
MODEL NUMBER	PT102365
PART No.	
AIR TEMPERATURE	
ACCOUNTS INVOICE No.	

The maintenance recorded has been carried out in accordance with the requirements of Aviation Rule Part 43 and in respect of that maintenance the component is released to service.

Note: "Component" being Poseidon NZ made Victim Harness.



– Leaders in Aviation and Maritime Life Support Products