

# RIT-CRAFT™

# USER'S MANUAL

MANUFACTURED BY 2TINGA



**CMC**  
RESCUE®



# RIT-CRAFT USER'S MANUAL



**Congratulations** on your purchase of a 2Tinga RIT-Craft. 2Tinga has been working with emergency services for more than 20 years and has invested a substantial amount of time to bring you this piece of lifesaving equipment. Tried and proven in the aquatic rescue field, the company's inflatable rescue boat can help save lives. 2Tinga products are easy to use yet provide safety measures above and beyond other manufacturers. We feel confident in our product and we know you will too.

## **Basics of the RIT-Craft**

To a drowning person, seconds will seem like a lifetime. Being trained and having the right equipment on your vehicles can mean the difference between a successful rescue and a life lost. The most versatile rescue craft available, the 2Tinga RIT-Craft was designed from scratch to incorporate the needs of those working in the emergency field. In any situation, the RIT-Craft is a multipurpose piece of rescue equipment that is ideal for all-season rescues.

A great workhorse in almost any terrain, the three-chamber rescue craft measures in at 12 ft (3.7 m) in length with a 58 inch (1.5 m) beam. The inside working width is 20 inches (51 cm). Eight handholds allow the craft to be carried easily by any number of people. Additional handholds placed at the bottom of the craft allow an overturned craft to be corrected by one or two working personnel. Three D-rings along the center of the craft allow for the attachment of personnel safety lanyards. Two larger D-rings at the front of the craft can be used to attach a safety line or a towline for watercraft usage. With its small size and a weight of only 60 lb (27 kg), the RIT-Craft is easily stored on almost any emergency apparatus.



This craft may be towed behind a boat or personal watercraft without costly attachments. For a personal watercraft, 25 mph (40 kmh) is a safe working speed. For ice rescue, it can slide on ice surfaces or be carried by responders. Easily paddled by one or two people, the RIT-Craft tracks very well in water, facilitating rapid retrieval of a patient. In all cases, the patient is brought in through the open rear of the craft, a task that can be accomplished by one or two people. The patient may be placed in a supine position on the ridged inflatable work deck so that vitals can be monitored while returning to shore.

# MANUFACTURER'S SPECIFICATIONS

**Length:** 12 ft (3.7 m)  
**Beam:** (width) 58 in (1.5 m)  
**Pontoon Diameter:** 19 in (48 cm)  
**Inside Working Width:** 20 in (51 cm)  
**Capacity:** 4 to 5 people  
**Weight:** 60 lb (27 kg)  
**Number of Air Chambers:** 3  
**D-rings:** 9  
**Material:** PVC  
**Warranty:** 2 years



## CRAFT PARTS

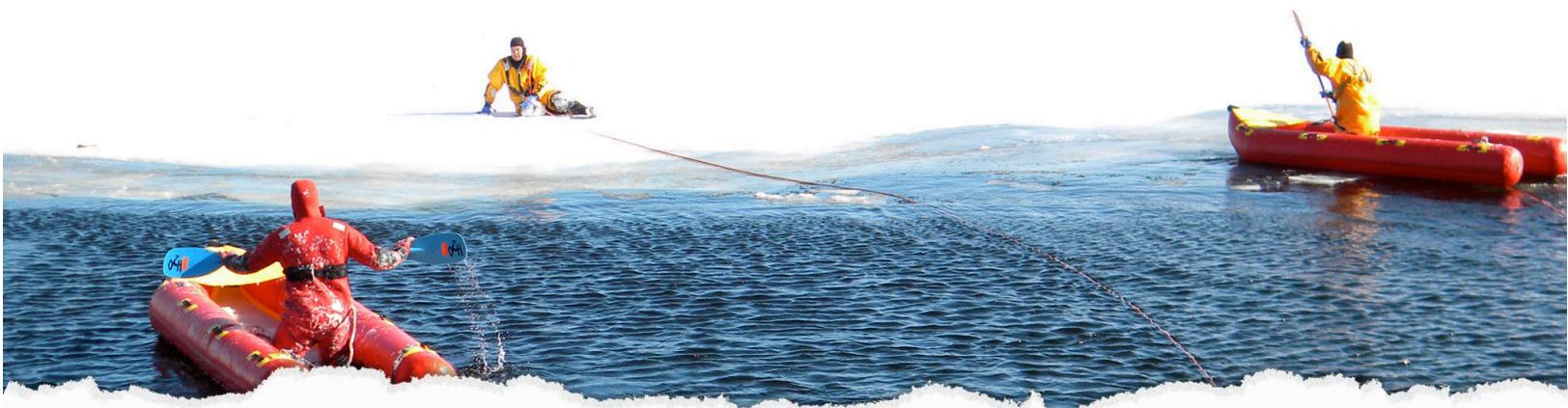
The following parts are included with the RIT-Craft:

- Pressure gauge
- Carrying bag
- Foot pump
- Airline gun
- Collapsible paddles (2)
- Repair kit
- Manual
- RIT-Craft floor tethers (2)
- Screw-gate connectors (3)



## **WARNING**

- SERIOUS INJURY OR DEATH MAY RESULT FROM THE IMPROPER USE OF THIS EQUIPMENT.
- THIS EQUIPMENT HAS BEEN DESIGNED AND MANUFACTURED FOR USE BY EXPERIENCED PROFESSIONALS ONLY.
- DO NOT ATTEMPT TO USE THIS EQUIPMENT WITHOUT PRIOR TRAINING.
- THOROUGHLY READ AND UNDERSTAND ALL LABELS AND INSTRUCTIONS BEFORE USE.
- USE, INSPECT AND REPAIR ONLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.



### **Assembly and Use**

By assembling and/or using this RIT-Craft, you agree that you have read and understood this entire user manual, including all instructions and warnings contained in this manual prior to using your RIT-Craft in any way. You also agree that you will ensure any additional or subsequent user of your RIT-Craft will read and understand the entire RIT-Craft user's manual.

### **Safety Instructions**

Please read the RIT-Craft manual carefully before using the product. The RIT-Craft and included accessories are intended for professional use only. Trainees should practice in a controlled environment under trained professional supervision. Always use extreme caution when using the RIT-Craft and products with the RIT-Craft. Always remember to wear personal protective equipment and never operate a RIT-Craft alone. Improper and/or negligent use of this product may result in serious injury or death to yourself and/or others. Spend time becoming familiar with your RIT-Craft and learn its limits. Remember that you are responsible for your own safety and the safety of others when using this product. Always operate within your own skill level and do not exceed it.

### **User's Manual**

To the fullest extent permissible by law, 2Tinga and CMC Rescue disclaim any responsibility regarding content errors, omissions or the correctness of information contained in this manual. By reading this manual you agree to use the information contained herein at your own risk. The owners and contributors are not responsible for any loss or accident to you or to third parties, including the loss of business, loss of sale, equipment or property damage, injury or death resulting from you or other third parties using the information contained herein.

# SET-UP INSTRUCTIONS



1



Remove craft from carrying bag. Be sure to clear area of sharp objects. If on rough terrain, a tarp is recommended.



2

Unfold craft and unroll.

3



Once unrolled, the craft should remain in its laid-out position to allow for easy inflation.

4



# SET-UP INSTRUCTIONS



Make sure the inner air stop is in the out position. Use the foot pump and/or the inflator gun provided to connect and fill the chambers. The connector will lock into place when connected correctly.

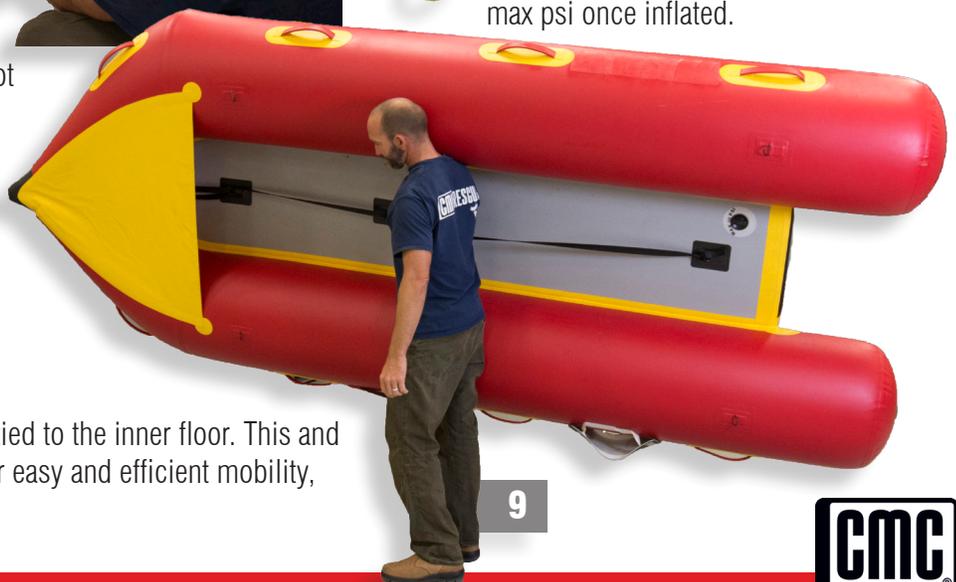
When inflating floor of the craft, do not exceed 7 psi.



When inflating the tubes of the craft, do not exceed 3 psi.



Check to make sure you did not exceed the max psi once inflated.



Once inflated, webbing can be tied to the inner floor. This and the attached handles provide for easy and efficient mobility, even for a single individual.

# LOADING A PATIENT

1



Approach from a downwind direction and safely make contact with the patient.

3



Pull the patient onto the inner bed of the boat.

2



Once in contact, make sure to maintain a firm grip on the patient. Draw the patient to the rear of the craft.

4



Once the patient is securely onboard, check vital signs, then signal shore to retrieve.

# UPRIGHTING THE RIT-CRAFT



1

Maintain constant contact with the overturned craft.



2

Grasping one of the bottom handles, push with opposite hand down and outward on the craft while pulling the handle toward yourself.



3

The craft will be upright and ready to board.

# CLEANING AND REPAIR



## **Cleaning**

Because the RIT-Craft fabric is PVC, it does not need a lot of maintenance. Prior to using the craft, it is advisable to apply an inflatable boat protectant for added ultraviolet (UV) protection. Clean the boat with soap and water to remove all loose dirt after using. Oil and tar can be removed with marine cleaners for inflatable boats. DO NOT use other chemicals. Always clean the boat with fresh water and apply UV protection over the entire surface. It is equally important to clean all valves with a sponge or rag and rinse off with running water. After cleaning, allow the craft to dry completely before repacking or storing to reduce the chance of mold or mildew buildup.

Cover your craft to protect it from extended periods of direct sunlight. It is recommended that you add UV protection after washing with any strong, stain-removing products or a minimum of once a year.

**!** Never wash your inflatable boat with:

- A cleaner containing bleach;
- Paint or Lacquer Thinner;
- Mek, acetone, or gasoline;
- WD-40 or any other oil.

## **Repair**

Repair is simple with the provided repair kit. Simply cut a patch larger than the tear. Clean surfaces thoroughly and apply glue to patch and to the craft. Allow 10 minutes curing time before applying the patch over the hole. Apply pressure until the patch is secure. Allow a drying time of one to two hours before repacking the craft.



# REPACKING



1



2

Remove all three caps. Push and turn to lock the valve stem in the open position. Release the air from all chambers.



3

Start at the bow and begin to fold the nose cone over.



4



5

Fold stern tube ends to protect valves.



6

Fold the craft in half and place in front of storage bag.



7

Roll the craft into the storage bag and close.









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