AAKASH
Polytech Private Limited

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USER MANUAL

Rubberised Inflatable Boat

AAKASH POLYTECH PVT LTD

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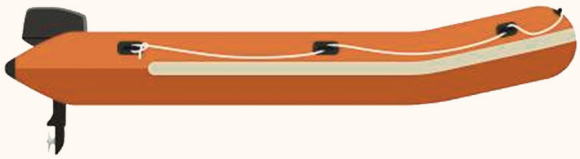
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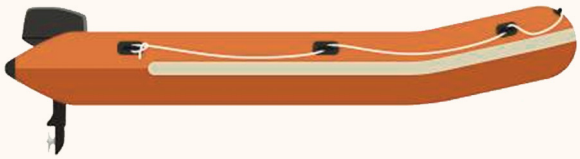


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BOAT DESCRIPTION

- Air Tube
- Inflatable Keel
- Transom
- Air Valve
- Towing Ring
- Rubbing Strake
- Carrying Handle
- Lifting Handle
- Grab Line (Life line)
- Baffle (Bulkhead)
- Drain Valve
- Eye Bolt
- Chequer Plate OBM
- Pontoons
- Additional fabric layer
- R. Fabric floor
- Anti-Splash Triangle
- Floor Boards
- Paddles
- Locking Strips



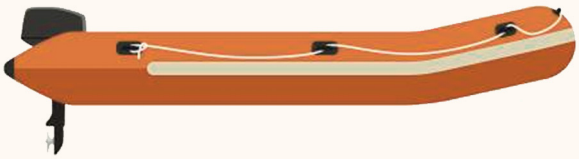
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BOAT HULL



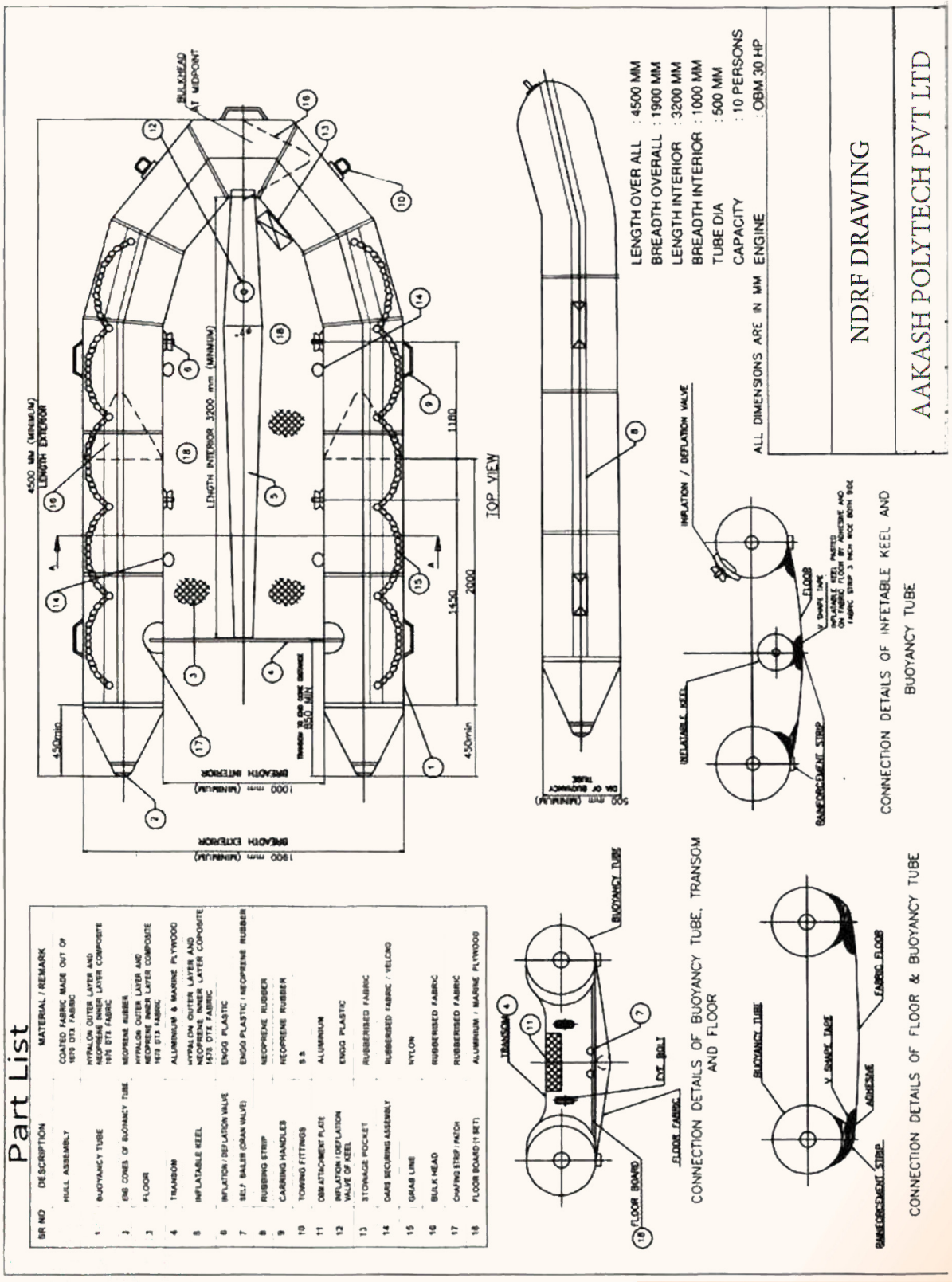


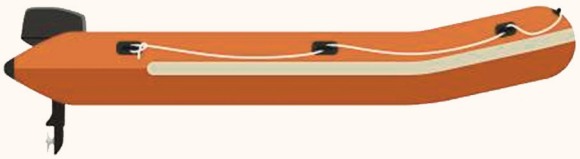


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DRAWING FOR INFLATABLE MOTOR RESCUE BOAT

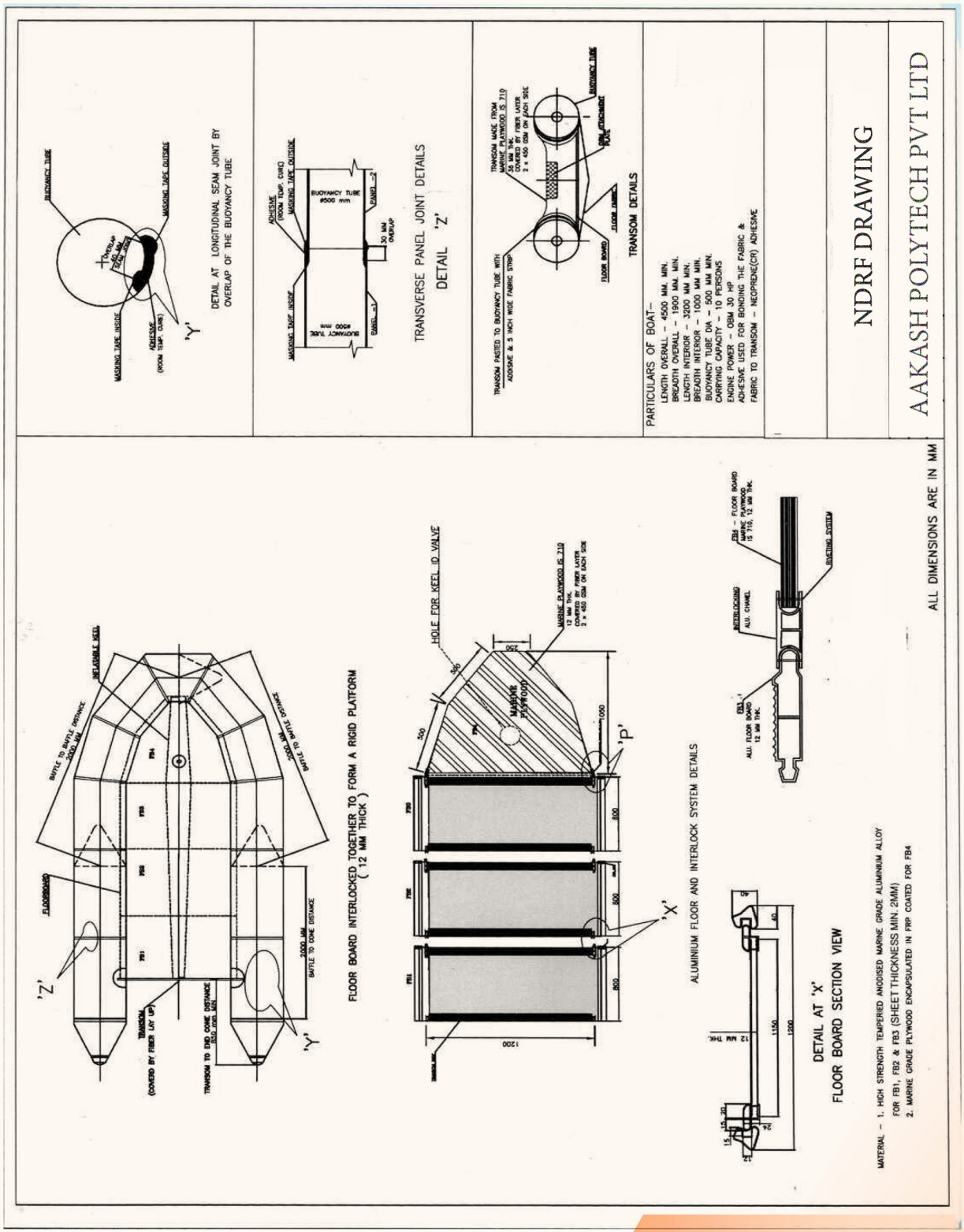


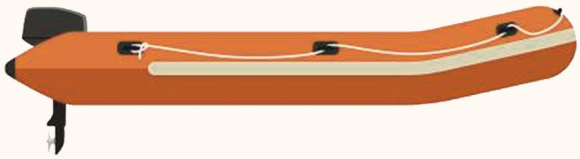


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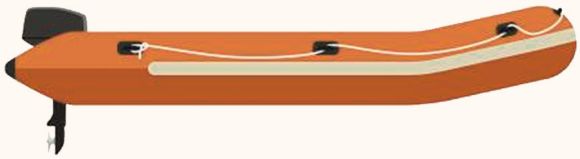


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ACCESSORIES PROVIDED WITH INFLATABLE BOAT

1. 
   INFLATION/DEFLATION VALVE
2. 
   END CONES OF BUOYANCY TUBE
3. 
   ELECTRICAL BATTERY PUMP
4. 
   EYE BOLT
5. 
   DRAIN PLUG
6. 
   FOOT AIR PUMP
7. 
   OAR LOCK
8. 
   LIFTING HANDLE



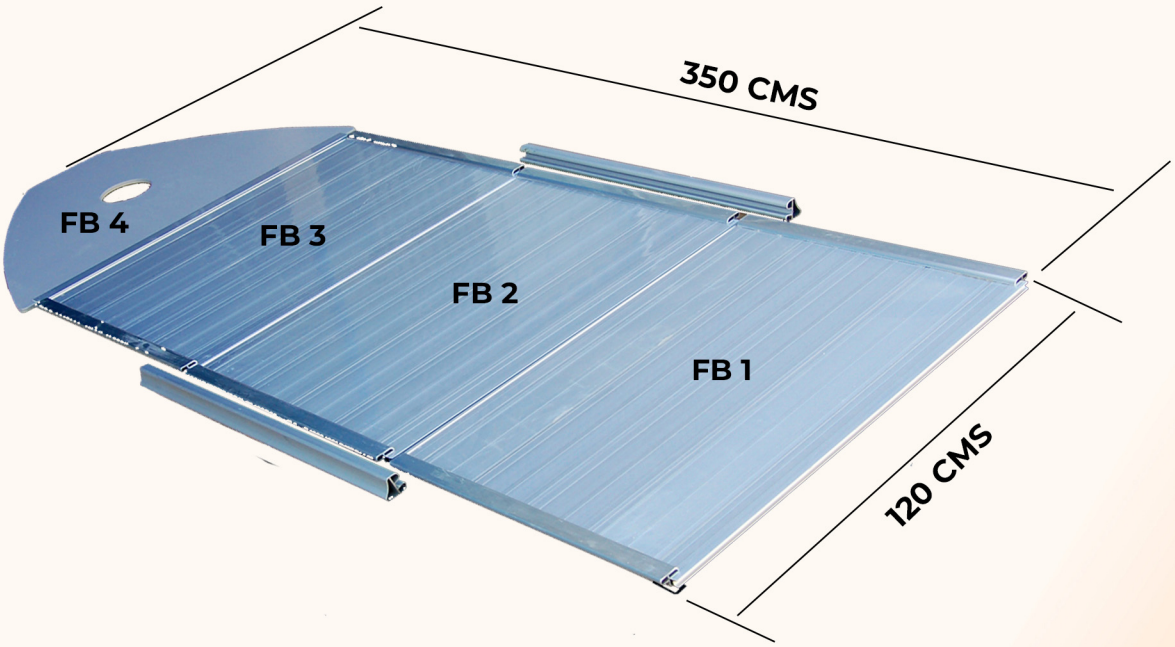
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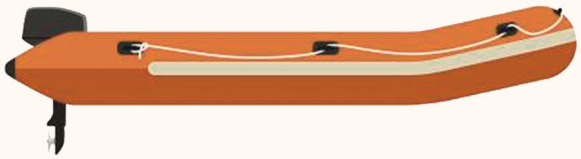
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FLOOR BOARD

Floor Board for 4.5 mtr. Boat

TOTAL LENGTH	138" 350 CMS
TOTAL WIDTH	47" (120 CMS)
STORAGE BAG	4.5 MTR. BOAT VALISE FOR HULL
TOTAL LENGTH	63" X 24" X 16" (160 CMS X 60 CMS X 40 CMS)



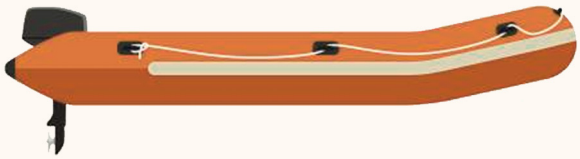


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ASSEMBLY

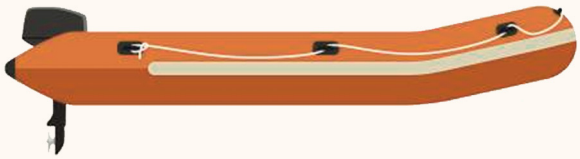
- Roll out the boat on a flat smooth surface from the packing case
- Inflate Air keel.
- Start installing floor Board components beginning from transom as per sequence mentioned in floor drawing.
- Inflate boat Hull chambers.
- Inflate air keel by means of electric pump/footpump.
- Install the floor boards in sequence starting FB then FB 3 and then FB 2.
- Insert the buoyancy tube at the bottom floor.
- Fill air into rear chambers no. 1 & 3 using electric pump and foot pump.
- Then install front floor board (FB 4 into the bow section).
- Fill in air into the other chambers i.e chamber no. 2.
- Check if it is correctly in aligned.
- Flatten the apex by standing on it (in the boat) pulling the life line to prevent the fabric being pinched.
- Use 12V battery to operate electric pump.



INFLATION/ DEFLATION VALVE

Material	Engineering Plastic
Colour	Grey
Top Diameter	6.3 cms / 2.5 inch
Bottom Diameter	5.0cms / 2 inch
Height	6.0 cms / 2.3 inch
Comes in four part	1 Inside & 1 Outside part Chuck nut, Valve cap
Easy to inflate and deflate	
Double seal leak protection	





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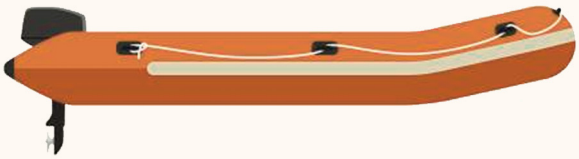
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BOAT DEFLATION & FOLDING

- Place the boat on plain surface with the help of carrying handles.
- Clean and rinse the boat with fresh water to remove sand and other debris.
- Deflate the chambers.
- Remove the boards.
- Deflate keel.
- Dry the boat and powder it with Talc.
- Fold and pack as shown in the drawing.

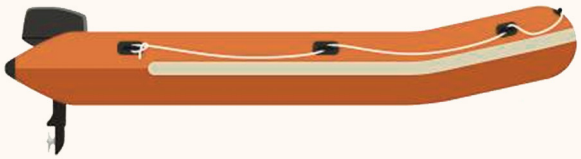
ENGINE INSTALLATION

- Install the OBM in the middle of the transom on the Aluminum plate fixed on transom. 2 The axis of the propeller must be parallet to the water surface.
- Please refer Engine Manual for operation and precautions



REPAIR INSTRUCTIONS

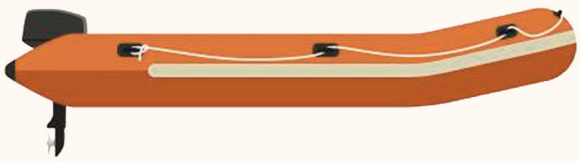
- Firstly, the site of damage must be identified. If the site is already not visible the a mixture of soap and water can be sprayed onto the surface of an inflated boat, bubbles will appear where there is a puncture. Mark the site of puncture with a non-greasy marker.
- Clean and dry the surface of the inflatable boat thoroughlybefore proceeding
- Create a round patch of material that has an approximate circumference of 2" (5 cm) from the centre of the hole in theinflatable boat. Use the same material of patch that the boat is constructed from for best effect.
- Prepare the site of repair with fine grit sandpaper, taking care not to rub through the coating of the fabric into the scrim of the material below. This will roughen the surface in preparation for the glue.
- Do the same preparation on the surface of the patch that you have prepared.
- Clean both the site of repair and the patch with a cleaning fluid. This should be Toluene for rubber based boats (Hypalon, EPDM, Neoprene) Wait no longer than 30 minutes between cleaning and applying adhesive.
- Mix the adhesive to be applied if this is a 2-pack adhesive come as am adhesive and accelerator and whilst the adhesive can be used on its own, the accelerator gives the adhesive a faster and stronger bond. (Ratio pf Adhesive to acceleratoris 10:1)
- Apply 21 coats of adhesive to both the repair site and patch, waiting 10 minutes between coats.
- Use a dry, clean knuckle to press onto the surface of the adhesive to test if it is ready for application. If pressing on with a knuckle does not pull adhesive off the surface of the repair site, but is tacky then the adhesive is ready.
- Apply the prepared patch to the repair site, starting in the centre oredge, working out any air pockets. Use an edging roller to firmly press the repair together if available, or a smooth handle of a screwdriver if not.
- Wait preferably at least 30 minutes for the repair to cure before attempting inflation. Some adhesives require an overnight curing time. Read the instructions of the adhesive product you have purchased.



SAFETY INSTRUCTIONS

When boating: Learn and respect local regulations and practices. Do not neglect the safety rules, this could jeopardize your life and the lives of others. Learn to control your boat correctly and to respect the navigation rules. Take a boating safety course to improve your knowledge. Always operate with courtesy and respect.

	**CAUTION! DO NOT EXCEED AUTHORIZED NUMBER OF PERSONS OR WEIGHT**
	NO ALCOHOL / DRUGS: Do not drink alcohol or take drugs before or while operating your boat. Ensure that all passengers remain sober.
	If using outboard motor, Always use the stop switch lanyard: Your outboard comes equipped with a stop switch safety lanyard to prevent a runaway boat in case the operator falls overboard. Attach it to the operator, it could save a life. THE PROPELLER IS DANGEROUS. KEEP HANDS AWAY FROM THE PROPELLER.
	Make sure your passengers remain seated: sitting on the buoyancy tubes may be comfortable at rest or at low speeds provided your passengers use the grab line. At planing speeds, in rough water or during sharp turns, all passengers should position themselves in seats or on the floor. We will take no responsibility if this warning is disregarded.
	Use personal flotation device (PFDs): PFDs are compulsory equipment. Wear them.
	No bow riding: Bow riding is illegal in most areas and is extremely dangerous. Be especially careful when docking: arms and legs may be injured if they are outside the boat.



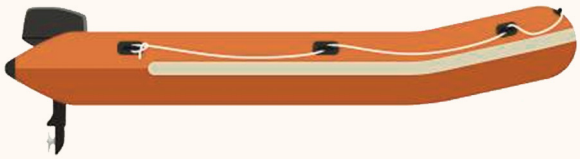
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GENERAL PRECAUTIONS

- Before placing the boat in the water, ensure the adequacy of pressure in the buoyancy tubes.
- Inspect the valve cap.
- Ensure that the floor boards and locking strips are properly positioned.
- Retighten the motor clamps.
- Secure the out board motor by tieing to eye bolt on the transom.

STORAGE

- Use talc powder while packing the boat.
- Keep the boat and accessories packed separately in separate valises.
- Protect your boat from rodent attack preferably in a box/container.
- Keep the boat in a safe place away from pointed objects which might causes the fabric to get torn and under covered area.



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