

## Owner's Manual

### ***Stowaway S24K / S26K***



*Dear Customer,*

*This manual will help you to easily and safely master your boat. It contains detailed descriptions of the boat, the supplied or built-in equipment, and information about its control and maintenance. Please read it carefully and become familiar with the boat before actually using it.*

*If this is your first boat or if you have changed the type of boat and do not know this type well, please be well acquainted with its use and maintenance before taking it out on the water. We want your first experience of your boat to be safe, comfortable and rewarding.*

*Your Dealer, National Yacht Federation or Club, or Raft, Canoe or Kayaking Association will recommend to you appropriate training courses or qualified instructors.*

***Please store this manual in a safe place and hand it over to the new owner should you sell the boat.***

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## 1. Description



The Stowaway S24K / S26K has three separate main inflatable chambers which are the two chambers of the main tube (1) and the high pressure inflatable floor (2). In the unlikely event that one chamber punctures, the boat can still operate to shore. The inflatable keel (3) is inserted between the floor and the bottom of the boat and it's function is to improve the tracking and steering of the boat.

The boat is fitted with the polyester coated marine plywood transom (4), Alloy seat (5), pair of oars (6) secured in the oarlocks (7) , four grab/carry handles on the sides (8) and two moulded carry handles on the boat transom (9).

The D-ring on the bow (10) is intended for tying the boat to fixed objects (jetty), the two D-rings underside the bow (11) are for towing.

The drain plug (12) is situated on the bottom of the transom.

## 2. Specification

	<b>Stowaway S24K</b>	<b>Stowaway S26K</b>
<b>Length</b>	2.40 m / 8'0"	2.60 m / 8' 7"
<b>Beam</b>	1.50 m / 5' 0"	1.50 m / 5' 0"
<b>Tube</b>	40 cm / 16"	40 cm / 16"
<b>Internal Beam</b>	70 cm / 28"	70 cm / 28"
<b>Air Chambers</b>	4	4
<b>Air Pressure - Main Tube</b>	24 kPa / 4.0 psi	24 kPa / 4.0 psi
<b>Air Pressure - Floor, Keel</b>	60 kPa / 10.0 psi	60 kPa / 10.0 psi
<b>Persons (Adults + Children)</b>	3	4
<b>Maximum Load</b>	300 kg / 660 lbs	330 kg / 730 lbs
<b>Weight (Tare)</b>	28 kg / 62 lb	29 kg / 64 lb
<b>Size packed</b>	150 L / 5 c.ft	150 L / 5 c.ft
<b>Recommended Motor rating</b>	4kW / 5HP	4kW / 5HP
<b>Material</b>		
<b>General construction</b>	Boat PVC 1080gsm/34oz 1100d PE	
<b>Air Deck</b>	50mm Drop-stitch HD PE/pvc	

### 3. Assembly / Inflation

The Stowaway Yacht Tender is completely assembled from the factory.

However after cleaning your boat you will have to re-assemble.

Insert the inflatable keel into the boat with the valve pointing to the front and up. The keel is secured in its position by means of Velcro straps. Follow the Fig. A and B.

Insert the inflatable floor into the boat and spread it evenly so the edges of the floor fit under the sponsons of the boat. See Fig. C. The aluminium plate reinforces the floor and pushes the keel down for more rigidity. Do not remove the reinforcing aluminium plate.

**Fig. A**



**Fig. B**



**Fig. C**



Before you begin inflation close the valves. (See section 4. *Valve operation*)

To inflate pump the main tubes up to 24kPa / 4.0 psi so the tube feels firm. Use the provided foot bellow pump on low pressure setting. See Fig. D

Inflate the floor of your boat to 60kPa / 10psi so it feels hard (Fig. E) and inflate the keel to the same pressure as the floor (Fig. F). To pump volume air keep the black plug in place. To pump pressure remove the plug.



**Fig. D**



**Fig. E**



**Fig. F**

When finished with inflation, assemble the oars and secure in the oar locks.

Secure the seat in the seat holders.



#### 4. Drain plug

Install the stainless steel clip (Fig. G) that is taped to the transom to prevent losing the plug (Fig. H).

Follow the Figures G and H.



Fig. G



Fig. H

#### 5. Valve operation

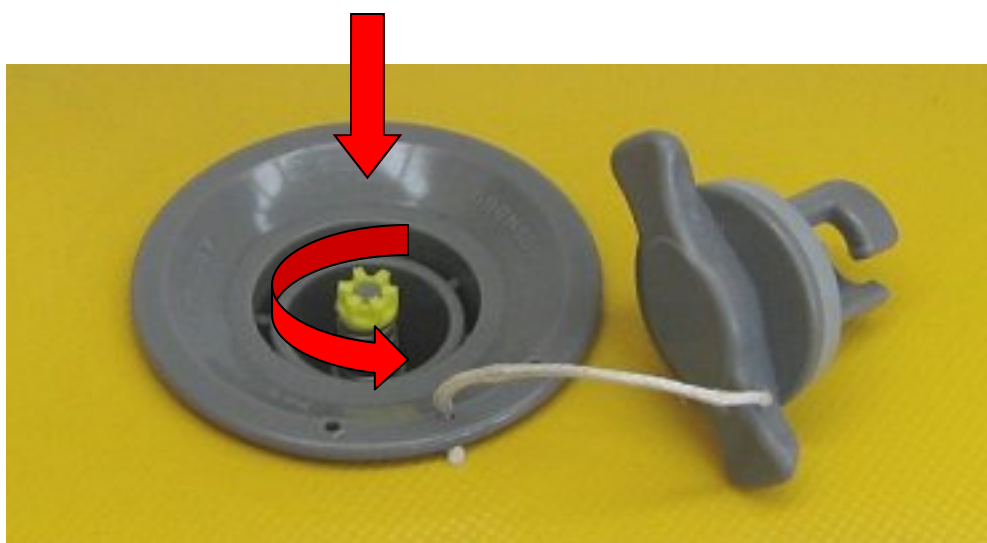
All air chambers of your **INCEPT** boat are fitted with Halkey-Roberts inflation valves that enable inflation / deflation of the boat, enable pressure regulation in the chambers by manually releasing air, and allows the measurement of pressure in the chambers by means of an optional pressure gauge.

Fig. I

The valves are operated by **pressing down the internal stem and twisting a quarter turn**. (See Fig. I)

When the stem holds down the valve is open.

To inflate the boat, first close the valve by releasing the stem with a twist.



To release the pressure push down the stem and let out some air out.

**Important: After inflation, fit the valve caps to prevent the entry of water, gravel and dirt.**

#### 6. Use of the boat

Your **INCEPT** inflatable boat is designed for recreational and water touring purposes. Whenever the kayak is used on public waterways, Waterway Traffic Rules must be observed. Operation of your **INCEPT** inflatable boat does not require any licence but it *is* required that the person in charge knows the techniques of small boat operation within the scope necessary for its operation, as well as the valid navigation rules of the particular country.

Every person in your INCEPT boat must sit in their proper seat and wear a PFD - personal

floatation device (buoyancy aid) at all times.

**Stowaway inflatable-keel yacht tenders can be expected to plane if the load and trim is right, it manoeuvres well in waves, and tows well without hunting with correct tether length.**

## **ATTENTION**

**Prior to each use of the boat, check if there are any special regulations, restrictions or rules connected with the river, surface of water or area in which you aim to operate.**

## **WARNING:**

**On large surfaces of water (seas, lakes) pay attention to off-shore winds and currents. Currents and breezes may make it impossible to return to shore.**

## **WARNING:**

**Incept Inflatable Boats should not be used in challenging or extreme conditions (wind, storm) or in reduced visibility (night, fog, rain).**

## **7. Care and cleaning**

The material of the boat is treated with Acrylic lacquer that keeps the boat clean and looking good. New unpacked boats may show white creases in places where the boat was folded. These are micro- cracks in the surface of the lacquer and is a natural behaviour of the material. The white creases disappear with warmth – say in sun after an hour or so – and should not return.

Use warm soapy water or lightly abrasive household cleanser to remove dirt and stains.

Remove the floor and the keel to clean out the sand and dirt which may accumulate under the sand flap (the junction between the floor and the sponsons). This can be abrasive, cutting into the material and causing wear spots.

Dry thoroughly and store rolled up.

Wipe the craft with 303 Protectant every 3 months to retain as-new appearance.

**Caution: Never drag the rolled-up boat on any surface, including carpet. Frictional heat on fold edges can instantly burn through the coating leaving bare spots to the polyester weave.**

## 8. Packing of the boat

To deflate the boat open the valves of all 4 air chambers and let the air out. Fold the transom forward - inside the boat. Then fold both conical ends of the boat over the transom towards the middle. See fig. I.

Roll the boat over the transom towards the front pushing the air out. See Fig. J and K. Repeat if necessary.



Fig. I



Fig. J



Fig. K

Secure the bundle with the provided compression strap (Fig. L) and store in the carry bag.

Fig. L



## 9. Repairs

A basic repair kit of boat material and adhesive is included with the boat.

With the kit is a polyurethane contact adhesive which requires warm and dry working conditions. Preparation of a permanent repair is as follows:

- Cut a patch to fit the repair leaving 25 - 40 mm (1" - 1½") edge distance to the hole. Radius the corners for appearance and resistance to lifting.
- **Dry the glue surfaces and clean with a solvent damped cloth.** MEK (methyl ethyl ketone) is preferred and available from good hardware stores – in the USA, obtain from Building Depot or Hammer Hardware stores. Paint thinners are not recommended since actual solvents used are not advertised and can be detrimental to the product. The purpose is to remove dirt and plasticisers - not noticeable to the eye, but it does spoil glue adhesion. (English version)
- Position the patch and mark the outline on to the boat with a pencil or ball pen.
- Brush glue on to both surfaces. Do not over-brush as the glue will drag and be lumpy. Allow to dry, say 15 - 20 minutes. If the glue is thin and easily brushed, allow to dry and apply a second coat. This is important.
- Place the patch in position and **get well warm to the touch** using a hair dryer or hot-

air gun. Heat activates the glue, providing an instant and permanent bond. Work down with a hard tool, applying pressure to the patch while warm.

*Temporary* repairs can be effected without heat or solvent if the patch is applied before one of the glued surfaces is dry, i.e. while still slightly tacky.

Note: Factory repairs use the same adhesive *with the addition of an activator*. This has the effect of greatly increasing bond strength, resistance to heat and resistance to water. It has limited shelf life. Supplies of activator in New Zealand are obtainable from Incept. Otherwise visit <[http://www.incept.co.nz/inflatable\\_rafts\\_FAQ2.htm](http://www.incept.co.nz/inflatable_rafts_FAQ2.htm)>.

## 10. Warranty

INCEPT inflatable boats are guaranteed for a period of five years in non-commercial use. Any defects in materials or workmanship found during that period will be made good by Incept Marine Ltd at no cost, provided only that the boat is returned to the Taihape NZ factory or the nearest authorised repair depot, freight paid.

Warranty is not transferable with boat ownership. Damage to internal baffles caused by tampering with the pressure relief valves are not covered by warranty.

## 11. Safety on water

### CAUTION

**PADDLESPOrts / WATERSPOrts CAN BE VERY DANGEROUS AND PHYSICALLY DEMANDING.** The user of this product should understand that participation in Paddlesports / Watersports may involve serious injury or death. Observe the following safety standards whenever using this product.

Get Paddlesports / Watersports instruction specific to this type of craft.

Obtain certified first aid training and carry first aid and rescue/ safety equipment.

Always wear a nationally approved personal flotation device.

Always wear a helmet where appropriate.

Dress appropriately for weather conditions; cold water and/ or cold weather can result in hypothermia.

Check your equipment prior to each use for signs of wear or failure.

Never paddle / go boating alone.

Do not paddle in flood conditions.

Be aware of appropriate river water levels, tidal changes, dangerous currents and weather changes.

Scout unfamiliar water; portage where appropriate.

Do not exceed your paddling ability; be honest with yourself.

Consult your physician prior to beginning your Paddlesports training.

You must not use alcohol or mind-altering drugs prior to using this product.

Follow the manufacturer's recommendations for the use of this product.

If additional outfitting is required, use manufacturer's approved materials only; do not impair entry or exit access.

Read owner's information packet prior to using this product.

The user of this product acknowledges both an understanding and an assumption of the risk involved in Paddlesports / Watersports.

## **12. Information About Incept**

Incept Marine Ltd is a New Zealand based manufacturer and international supplier of world class inflatable marine boats, inflatable rafts, -kayaks and -canoes, inflatable rescue and fishing craft to multiple market sectors.

The factory is a modern purpose-built facility with the latest machinery and with long - term skilled staff in Taihape, a central North Island location close to mountains, lakes and rivers.

All inflatable boats made by Incept have 100% heat welded air chambers using variously all three available welding technologies.

### **Focus on Performance**

Incept inflatable boats are designed by professional engineers - boating enthusiasts - to achieve optimum waterline shapes and exceptional handling. In INCEPT Marine careful consideration is given to every known inter-action in inflatable boat design.



## **13. Manufacturer**

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