



## Southern Pacific Shearwater 280 also known as HYC Small Coach RIB

VESSEL SPECIFIC PROCEDURES

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# Hamilton Yacht Club

## Vessel Specific Procedures

### HYC Small Coach RIB

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# HYC Small Coach RIB

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## Rescue boat details

Full name of vessel

Southern Pacific Shearwater 280 "HYC Small Coach RIB"

Hull construction

Aluminium

Eg wood, aluminium, steel, fibre reinforced plastic (of either glass resin, carbon fibre or aramid fibre), plastic (of either rotor moulded or welded plastic) and ferro-cement

Date of build

? / ? / ?

Took ownership

24 / 08 / 11

Length Overall

2.8m

Beam

1.59m

Draft

Total engine power  
(in HP, as applicable)

6Hp on transom (though max allowed is (6Hp)

Drive type  
(e.g. Stern drive, outboard)

Outboard

Number of Shafts

One

Date when engine was  
new – Took ownership

? / ? / ?

24 / 08 / 2011

Operating limits

Hamilton Lake.

Eg restricted coastal, coastal – as applicable to the ship's activities

Max. No. of persons  
allowed on board  
(Except in emergencies)

3

Vessel purpose/usage

*Small Coach RIB is kept at Hamilton Lake in the patrolboat shed. It is primarily used as a coach boat.*

## Departure procedures

Prior to leaving the shore the follow the procedures below:

### Vessel Equipment List Check

A laminated copy of this list is kept on each vessel and is used by skippers as checks prior to departure.

Safety Equipment			Onboard
1	x	Bung (secured in bilges drain hole)	
1	x	Bow Line	
2	x	Killcords	
1	x	10 metre Tow Line	
2	x	Oars	
1	x	Whistle	
2	x	Buoyancy Aids - from the Tower	

### Vessel Fit for Purpose Check

#### Boat check

Done

Hull sound (Tubes properly inflated if fitted)	
Bung in place	
Oil level checked	
Fuel on board and tank full	
Kill cord on engine	
<b>Equipment Check list gone through</b>	

### Fuel Procedures

*The Suzuki 6Hp four stroke takes neat 91 octane petrol. The oil tank under the cowling needs to be kept topped up four stroke oil which is changed every year at service.*

*Re-fueling of the tank should be done with the tank removed from the boat.*

## Launching Boat

- Insert bung
- Check petrol levels in tank. Fill if need be. Secure tank back with elastic retainer.
- Roll boat into the water. Float alongside jetty and secure to bollard.
- Raise the spring loaded transom launch wheels.

## On-water procedures

- Check depth of water is deep enough. Lower engine fully down with tilt lever. The minimum is to tilt down until the back edge of the plate above the propeller just goes underwater.
- Ensure kill-cord clip is attached. Ensure the kill-cord tie is looped around the coxswain's leg.
- Check steering is free. Make sure gear lever is in neutral (vertical position). Twist throttle to start position.
- Open air bleed on top of fuel tank. Pump the in-line hand fuel pump until the pump chamber is firm. Apply choke, pull starting lanyard.
- Once the engine is firing, check that the red warning light on the front of the motor goes off and that water flows from the telltale at back of engine. Slowly remove the choke and allow a warm up period of 2-3 minutes to reduce the chance of stalling. Twist throttle back to low idle. If at any time the light stays red or there is no water flow, stop the engine and have it checked.
- At low throttle, shift gear lever into forward or astern. Always shift the lever positively from neutral to slow ahead or to slow stern. Both an overly slow shift or the sudden application of too much throttle can damage the gearbox.
- Especially in open waters, ensure the kill-cord tie is attached securely to the driver.

## Pack up procedures

### Retrieving Boat

- Turn the engine hard to port. Flick the grey tilt lock lever up then tilt the motor up to full up position.
- Lower transom wheels. Float boat to slipway. Remove bung. Lift boat back to shed.

### Wash down/pack away

- *If using boat in salt water the outboard engines must be flushed out with fresh water to prevent corrosion using the flushing muffs and hose pipe.*
- *The RIB and trailer should be well washed with fresh water once it has done being used.*
- *The boat should be check for damage, any damage to the boat or engine should be logged in the maintenance log for repair (kept with the club Boastwain). Similarly, any equipment lost or missing should be noted for replacement.*
- *Batteries should be switched off.*

## Maintenance Plan

Hamilton Yacht Club has a maintenance plan in place for all club owned vessels to help prevent mechanical failures and ensure the boats are maintained in good working order (including regular visual inspections of the vessel and equipment, servicing schedules and an asset replacement plan)

The HYC Boatwain has a log of any maintenance carried out on all vessels.

### Monthly Checks

Monthly checks and routine maintenance		
Skipper's vessel checks and maintenance plan	Schedule	Comments
<b>Engine, gearbox &amp; hydraulics</b>		
Engine service	Aug/Sept	Annual External service by Kings Marine
Steering	Every launch	And Annual External service by Kings Marine
Propeller	Every launch	And Annual External service by Kings Marine
Inflatable tubes service	Every launch	Check by Boatwain each month
<b>Safety</b>		
All items on the Equipment List	Before every launch	And each month by Boatwain

### Annual Checks

Annual Checks						
Vessel checks and maintenance plan	Schedule (Month due)	2018	2019	2020	2021	2022
<b>Hull</b>						
Hull Integrity	Aug/Sept					
Rib Tube Integrity	Aug/Sept					
General condition interior	Aug/Sept					
Non-skid on floor	Aug/Sept					
Drainage	Aug/Sept					
<b>Propulsion</b>						
Motor Connection	Aug/Sept					
Motor Hold Down Locks	Aug/Sept					

Engine Travel Lock	Aug/Sept					
Propeller	Aug/Sept					
Fuel System	Aug/Sept					
Fuel Tank	Aug/Sept					
Engine starts in neutral	Aug/Sept					
Throttle	Aug/Sept					
Kill Switch	Aug/Sept					
<b>Safety</b>						
Safety Lines	Aug/Sept					
Painter	Aug/Sept					
Towing set up	Aug/Sept					
Vessel identification	Aug/Sept					
VHF radio	Aug/Sept					
Alternative propulsion	Aug/Sept					