



# 753 OB Military/SAR/Enforcement

Approved Fast Rescue Boat to: Transport Canada



The H753 is a new model specially designed to carry the new more powerful but heavier 4 stroke outboard motors. This longer hull (than the H733) has more volume and is able to carry more payload and does not use an extended outboard bracket. It also has a lower CoG so can be fitted with a wide selection of options that will maximise perform in varied sea states. It has also been recently tested to SOLAS requirements with an inflatable as well as as a DuraRib™ foam collar.

## H753 OB GENERAL SPECIFICATIONS

<b>Length overall</b>	26.41'	<b>Sponson material</b>	1880 dtx
(does not include outboard)	8.05 m	<b>Max. Horsepower</b>	400
<b>Beam max.</b>	9.00'	<b>Horsepower to plane</b>	150
(inflated)	2.74 m	<b>Fuel capacity – Forward</b>	85 US gal./ 322 liters
(engine tilted up)	0.53 m	<b>-AFT</b>	48 US gal/181 liters or 100 US gal/378 liters
<b>Length rigid hull</b>	23.39'	<b>Person capacity</b>	13A + OC
(from transom top to bow)	7.13 m	<b>Weight capacity</b>	4708 lb.
<b>Tube diameter</b>	22 in	(including OBM & fuel)	2140 kg
	0.56 m	<b>Payload</b>	2985 lb.
<b>Number of chambers</b>	5	(excluding OBM & fuel)	1357 kg
<b>Tube volume</b>	133 cu.ft.	<b>Approx. hoisting weight</b>	4630 lb.
	3771 liters	(max. weight w/ no crew)	2100 kg
<b>Hull material</b>	GRP		





## H753 OB GENERAL DESCRIPTION

### DESIGN DETAILS

- 24 degree dead rise aft; full height transom
- Removable deck sections to access fuel tank
- Slide on removable inflatable collar – outboard slide on track is embedded in the hull (tube cradle) to protect from damage
- Enclosed fuel filter / oil tank area

### HULL / DECK

- Molded hull & deck; Balsa core in hull
- Hull: 54 oz. woven roving, 4 oz. chop strand mat
- Deck: 36 oz. woven roving, 3 oz. chop strand mat
- ½" plywood or 4mm Coremat core in deck
- Design criteria includes withstanding 6 g's acceleration at full load.
- Fire retardant vinyl ester resin
- Hull/deck joint is above the static waterline
- All above waterline external aluminum surfaces are protected with a linear polyurethane paint system utilizing an epoxy primer.
- Aluminum surfaces are sandblasted prior to paint application.

### COLLAR

- Neoprene hypalon fabric; hand buffed and hand glued
- 5 chambers; Non-marking neoprene rubbing strakes
- Polyurethane sealant on all interior exposed fabric edges (seams, baffles, etc.)
- Molded neoprene cone tips; Leifield C7 inflation valves
- Option: Mirada B51019 3.5 PSI relief valves

### ELECTRICAL

- All circuits protected w/ circuit breakers; all wire (tinned copper)

### FUEL SYSTEM

- Fuel tanks are constructed of roto-molded polyethylene.
- Fuel systems exceed CCG construction standards.
- All fuel systems are pressure tested.
- Fuel water separator (Racor 320) fitted for each outboard engine.
- Fuel hoses meet BS EN ISO 7840:1995
- Maximum capacity is 1 X 181L + 1 X 320L (378 l aft tank optional)
- Fuel tanks vent overboard.
- Diverter valves are fitted to allow either outboard motor to run off either fuel tank.
- Fuel fill pod captures overflow fuel preventing spilt fuel from reaching the deck.
- Fuel vents are fitted with back splash prevention.

### MISCELLANEOUS DATA & OPTIONS

- Batteries: Series 31, 1000 Cold Cranking Amps
- Bilge pump; Flood lights; Accessory plugs
- Horn; Shore power / charger system
- 5-circuit breaker panel and galvanic isolator
- Hydraulic steering system; Polyurethane padded wheel
- Batteries

### SHIPPING PREPARATIONS

For information on all available options please contact your Zodiac dealer or visit our website at [www.zodiac.com](http://www.zodiac.com)

Disclaimer: Photos may vary with options  
Descriptions/Specifications are subject to change  
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The overall appearance of the H753OB including all available Zodiac options is a protected trademark of Zodiac