



ZH940 OB MACH II Demo



Considered the finest craft of their type in the world, the Zodiac Hurricane range of RIBS are mission specific and are used by the most knowledgeable and discriminating operators who demand the utmost in ruggedness and reliability. All Hurricane models have removable collars for ease of maintenance as well as the capability of interchanging with DuraRIB™ foam collars.

Zodiac Hurricane first supplied high speed outboard powered assault RIBS in the early 1990's. Since that time, the deck and seating configuration has been refined to meet the requirements of various military organizations worldwide. The Zodiac Hurricane MACH II (Military Air Channelled Hull II) was created to offer a high speed fully versatile boat that is at ease in all activities and all sea conditions. The patented MACH hull design offers the following advantages –

- less fuel is required to meet same range distance capability. Less fuel/less weight improves reactivity/acceleration.
- reduced pitching makes more stable working platform and reduced accelerations in rough water.
- less power needed to meet speed requirement - reduced initial and operating cost for propulsion system.
- reduced resistance results in less planning hump and easier to keep on plane in 17 - 20 knot range (typical boarding speed).

The Zodiac Hurricane 940 OB CDO is typically used by a two man crew to transport an eight to twelve person commando team in ship to shore, ship to ship and shore to ship assault missions. The deep Vee welded aluminum hull and inflatable collar combined with jockey style seating; provides the seaworthiness, shock mitigation, stability and maneuverability required to operate reliably and effectively in a hostile maritime environment. The ruggedized hull and collar construction and highly responsive twin outboard motor propulsion system allows the Hurricane 40 to operate safely in heavy weather and alongside larger craft during ship boarding operations.



GENERAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS:

- Length overall – 9.6 meters (31.5 ft.)
- Beam overall – 3.23 meters (10.6 ft.)
- Beam (collar deflated) – 2.60 meters (8.5 ft.)
- Collar diameter - 0.61 meters (24 in.)
- Collar volume – 5081 liters (179 cu. Ft.)
- Fuel capacity – 950 liters (250 US gal.)
- Displacement (with full fuel) – 4200 kg. (9300 lbs.)(est)
- Max Speed – 2 x 350 HP = 58 knots (6 pax, 544 kg Payload)
- Max HP - 2 x 350 HP



MACH II – ZH940 OB DEMO CONFIGURATION DETAILS

Hull and deck (basic boat)

- Aluminum stepped hull. Deck reinforced for extreme payload/shock.
- Underdeck cable conduits
- Polyethylene foam flotation

EQUIPMENT INCLUDED:

- Hull paint – black
- Treadmaster non skid

Collar (Basic boat)

- Inflatable Zodiac Hybrid shaped tube (patent pending), 1670 dtx Neoprene/Hypalon fabric, 7 airtight chambers, inflation/deflation valves;
- Colour – black
- Removable collar with slide on attachment
- Collar accessories: three row of rubbing strakes, full length lifelines on D-ring patches

EQUIPMENT INCLUDED:

- Intercommunicating inflation/deflation valves
- Collar 12VDC Autoinflation system
- Overpressure relief valves
- Collar repair kit with pressure gauge

Console & seats – 2 crew, 4 pax

EQUIPMENT INCLUDED:

- 2 Person console for pilot and navigator; side, front and dash handrails & folding windscreen.
- Two (2) forward Shox suspension seats with horizontal adjustments
- Four (4) Shox suspension back seats on tracks

Equipment

- Two (2) heavy-duty stainless steel transom tie-downs
- Eight (8) Flush deck tie downs
- Aluminum deck hatch to forward and aft hull cavity

EQUIPMENT INCLUDED:

- One (1) anchor package – fortress FX16 anchor with shackles and chain located in bow box;
- Folding antenna / light mast with radar platform.



- Outboard motors rope guard.
- Bow post.
- Transom mounted tow post.
- Bow locker.
- CO2 Fire extinguisher (2).
- Folding Bimini Top.

Bilge pumping/draining

- High capacity deck drains fitted w/ scupper trunks.
- SS hull drain plug. Limber holes to aft keel area.
- Electric bilge pump (2 x 2000 GPH).
- Manual bilge pump

Hoisting

EQUIPMENT INCLUDED

- Three (3) point lift system with flush aft lift points (2) aft and one from keel (bow box).

Electrical

- 12 VDC electrical system (13 circuit).
- Three battery banks (Optima Marine batteries) with selector/isolator switches
- Dimmer switch (2) - instrument lights and separate dimmer for compass light.

EQUIPMENT INCLUDED

- Additional 10-circuit electrical panel (total 23 circuits)
- 220 (16 amp) VAC shore-power system with battery charger and 15m cordset.
- LED floodlights.
- Nav/Anchor light LED upgrade.
- 12 VDC Accessory plugs (marine and cigarette lighter style) at console
- Galvanic isolation package;

Navigation/communications

- LED Navigation lights in accordance with COLREGS '72 for vessels < 20 meters length.
- Electric horn;
- Magnetic compass with dimmer switch.

EQUIPMENT INCLUDED

- Simrad marine VHF radio RS25
- Simrad chartplotter NSE 12" with GPS and 4G radar.
- Simrad data repeater IS20
- Depth sounder.

Fuel system

EQUIPMENT INCLUDED

- Aluminum fuel tanks – 2 x 450 liters
- Fuel fill pipes with Cam-lok cap.
- Vents fitted with fuel/air separators.
- Fuel level senders & fuel water separators.
- Aluminum access hatches to fuel connections
- Bilge ventilation blower



Propulsion

EQUIPMENT INCLUDED

- Twin Mercury Verado 350HP OBM pre-rig with controls and gauges.
- Outboard motor mounting and seatrial.
- Hydraulic steering – twin cylinder
- Trim tabs

Shipping

- Boat shrink-wrapped for shipment and delivery;

EQUIPMENT INCLUDED:

- Wooden shipping cradle.

Labeling items

- Label plates engraved – English language. Painted labeling is only utilized when the use of a label plate will interfere with the use of the labeled item;
- Hoist label plate and Boat Information label plate installed on aft face of console;
- Manufacturers label plate provided;
- Valve label plates are provided for all valves. Label Plate contains information necessary to describe the functional service of the valve;
- Label plates for all stowage locations, accesses and access panels;
- The label plates for each equipment contain instructions to cover the following, as applicable:
 - Safety precautions,
 - Starting procedures,
 - Operating instructions,
 - Securing procedures,
 - Emergency procedures.

Manual

- Commercial off the shelf (COTS) manuals – English language.
- Boat user and maintenance manual – English language.





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Pictures not contractual

