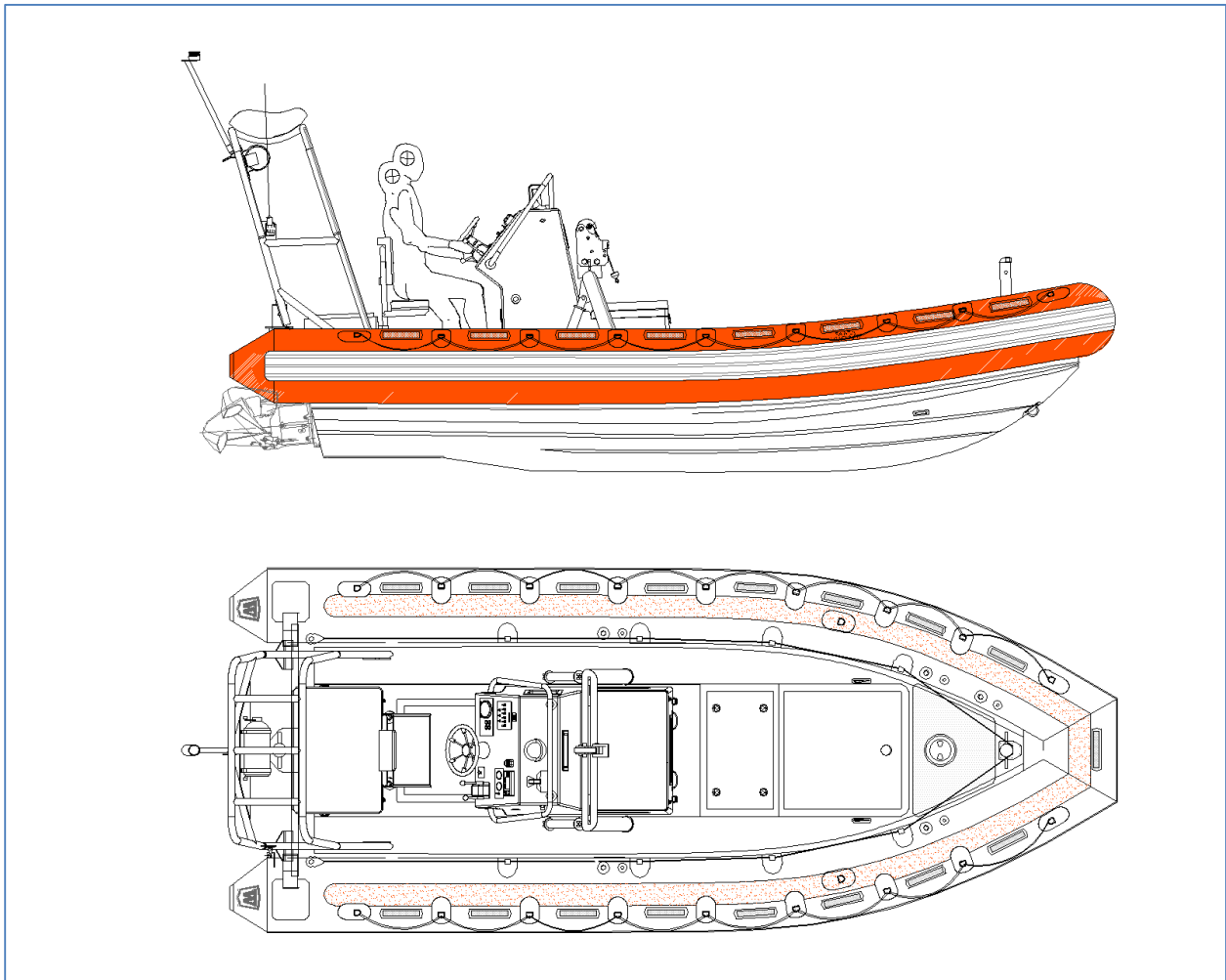
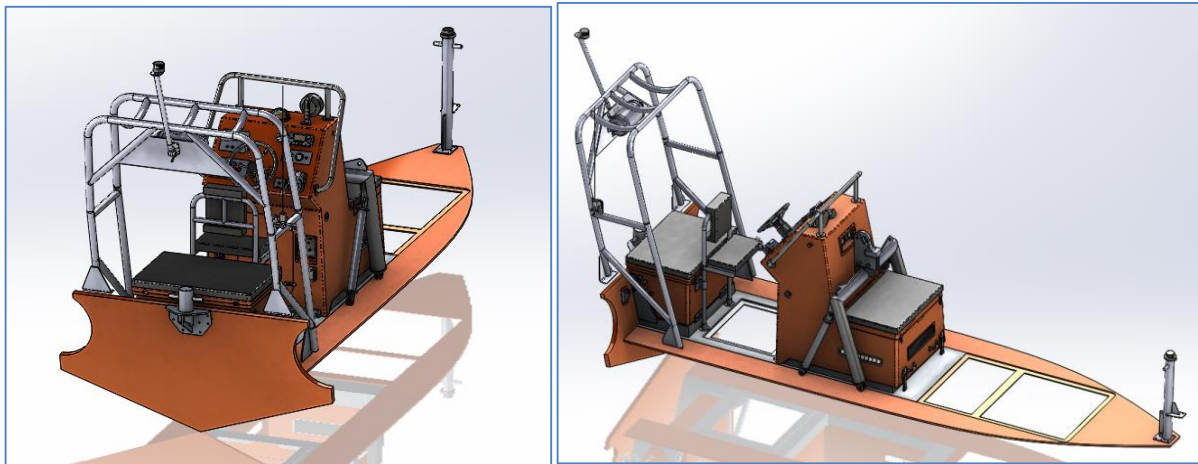


Willard Marine, Inc., is proud to be the only American designer and manufacturer of Safety of Life At Sea (SOLAS) rescue boats, which are built under ABS inspection, rigorously tested and certified by the United States Coast Guard. Emergency services, rescue agencies, commercial shipping companies and other organizations appreciate the speed, stability and maneuverability of Willard Marine SOLAS boats in the most challenging rescue operations.

Currently available are the Willard Marine 490 and 670 SOLAS Rescue Boats. In development now are the 540 and 590, the latter of which is featured in the line drawing below:



Willard Marine was founded in 1957 and has a rich history of designing and manufacturing vessels for the United States government, as well as commercial clients and consumers. We are ISO 9001:2008 certified and committed to providing quality products on time that exceed customer expectations. We maintain an aggressive Quality Control program, including stringent scheduling, quality and on-time/on-cost delivery standards.



IN DEVELOPMENT - 590 SOLAS Rescue Boat – EXPECTED SECOND QUARTER 2015

GENERAL CHARACTERISTICS		
Overall Length	5.87 meters	19' – 3"
Length, Molded Hull	5.44 meters	17' – 10"
Overall Beam	2.51 meters	8' - 3"
Beam, Molded Beam	1.98 meters	6' – 6"
Condition A Weight	1,379 kg	3,040 lbs
Condition B Weight	2,041 kg	4,500 lbs

HULL AND DECK
E-glass with fire-retardant polyester resin
Orange (other colors available upon request)
Self-bailing deck with elephant trunk deck scuppers
Non-skid decks with 3M Safety-Walk. All non-skid edges are sealed with 3M Edge Seal
Sacrificial zinc anode
Hinged aft stowage box for rescue equipments w/ cushioned seats
Forward mooring bitt, aluminum
Centerline aft tow post
Bow and stern eyes, stainless steel
Self-righting system (stern frame, righting bag, cylinder), manual release

PROPULSION SYSTEM

Steyr SE164E40, 160 hp at 4,000 rpm w/ ZF-45A marine gear USCG approved SOLAS engine
--

Hamilton Jet HJ241

SOLAS instrument panel

Fast Lube Oil Change System (FLOCS)

Engine coolant pre-heater wired to shore power inlet
--

COLLAR SYSTEM

WING inflatable tube with 8 inch black PVC substrate; inboard and outboard lifelines
--

Tube diameter: 20 inches

Tube material: 40 oz polyurethane with UV coating, 5 compartments, color Orange

Sewn-in retro-reflective SOLAS tapes

Boat hook and paddle holders

Painter attachments

FUEL SYSTEM

30-gallon ¼ inch thick 5086 aluminum fuel tank
--

Wema fuel sending unit wired to engine multifunction gauge
--

Racor fuel/water separator

Fuel stripping manual pump

SAE J1527 fuel hoses

CONSOLE

Stand-up with wrap around grabrail and windshield

USCG approved compass

Engine access hatches

Forward cushioned seats

Navigation horn, electric

RIGGING AND ELECTRICAL	
Accessory 12-volt power receptacle	
Two Optima dry cell 12V battery with switches and battery boxes	
Toggle style marine grade circuit breakers and switches	
Running lights (all-round white and combination side lights)	
Hydraulic steering with 14-inch steering wheel	
Electric bilge pump, 2000 GPH with mercury-free float switch	
VHF marine band radio w/ 3 dB whip antenna	
Voltmeter and fuel level gauge	
12V Battery charger, boat mounted wired to shore power inlet	
OUTFIT ITEMS/ SOLAS RESCUE EQUIPMENTS	
Boarding ladder, 3-steps	Thermal protective aids (2)
Paddles (2)	Fire extinguisher, 5 lbs
Bailer & Whistle	Boat hook, floating
Sea anchor w/ 10 meter line	Bucket, 2-gallons
Painter tow assembly w/ release hook	Knife, buoyant
Towline, 50 meters	Bailing sponge
Flashlight	Tube inflation pump
Spare batteries and lamp	Tube repair kit
First aid kit, USCG approved	Manual bilge pump w/ strainer
Heaving line w/ quoit on one end	Radar reflector & Search light
Shore power cord, 50-feet	Perform sea trials and copy of Test Certificate
HOISTING CONFIGURATIONS	
Standard single-point 4-legged polyester sling and stainless steel fittings	
Option 1: Boat mounted lifting frame with USCG approved offload release hook	
Option 2: Boat mounted lifting frame to support left/right Miranda-type davits	
Option 3: Boat mounted lifting frame to support left/right Miranda-type davits and centerline USCG approved offload release hook	
OTHER OPTIONS	
Over-the-road galvanized steel trailer; overseas shipping compliant cradle; and boat markings	

Our advisors can help you choose the precise model and equipment most suitable for your needs. Please contact us at (714) 666-2150, or email us at info@willardmarine.