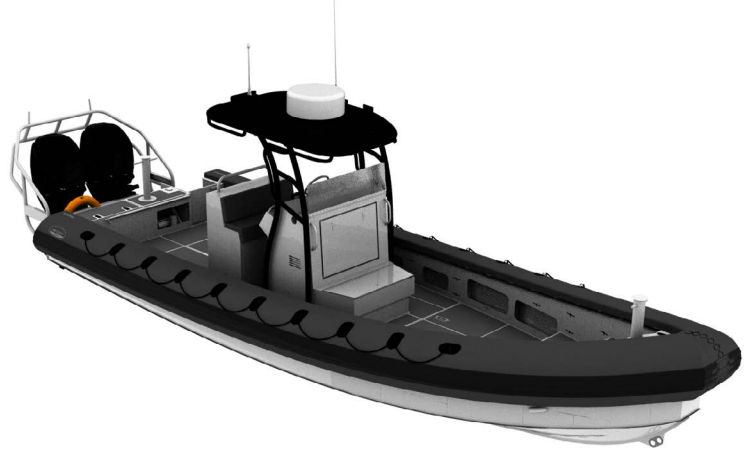
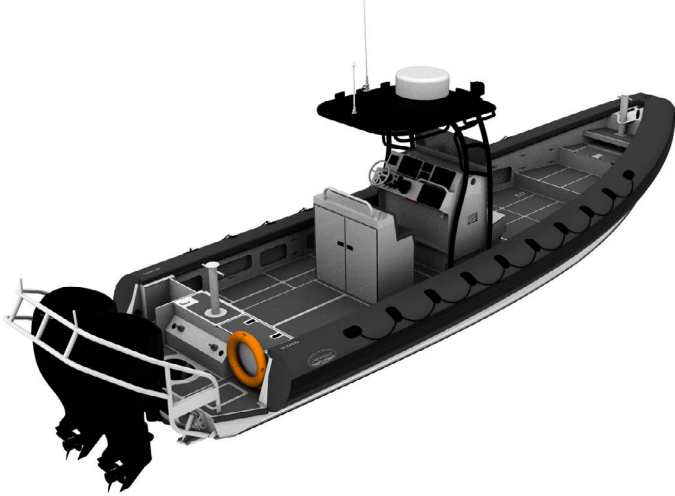




LAKE ASSAULT BOATS 30-FOOT PATROL CRAFT

THIS LAKE ASSAULT BOATS 30-FOOT PATROL CRAFT is a proven performer for fast emergency response. With its refined hull design, and twin 350 hp outboard engines, the vessel is capable of speeds in excess of 50 knots. Weighing in at 6,460 pounds, it can easily operate and maneuver in shallow waters.



GENERAL SPECIFICATIONS	
Hull Length	30 ft (does not include outboard engines, engine guard, or rub rails)
Overall Beam	10.5'
Interior Length	22'
Interior Beam	83"
Overall height	Not to exceed 13'6" while on trailer and attached to a tow vehicle
Draft	Not to exceed 18" with motors trimmed up and 24" when trimmed down
Total Capacity	Person and cargo capacity 2,500 lbs.
Boat Weight	7,360 lbs with full fuel, 6,460 without fuel
Trailer Weight	2,500 lbs. approx.
Total Weight	Combined boat and trailer weight 8,960 lbs. approx.
Performance	Estimated top speed in excess of 50 knots

HULL DESIGN & OUTFITTING	
Hull	"V" hull with an 18-degree deadrise at the transom
Bottom Plating	.250" 5086-H116
Side Plating	.190" 5086-H32
Deck Plating	.190"
Keel Guard	Solid 1/2" 5086-H116 plate
Decks	All decks are self-bailing and provide sufficient water egress
Sacrificial Anodes	Attached to the hull for electrolysis protection
Pad Eye	3/4" aluminum incorporated into the keel
Cleats	Four (4) 10" welded aluminum cleats mounted under gunwale; two (2) pop up cleats mounted at bow
Deck Structure	.190 aluminum 5086 alloys; fully welded to the hull

LAKE ASSAULT BOATS

30-FOOT PATROL CRAFT

HULL DESIGN & OUTFITTING-continued	
Bulkheads	Transverse bulkheads and longitudinal girders; floor supported by 2x2 inch square tubing
Collar	Air/Foam hybrid collar; flat black tube fitted with auto inflate system and rub strake (Solid foam or air collar option available)
Bilge Pumps	Two (2) 2000GPH automatic bilge pumps
Tow Post	Single tow post aft on centerline
Motor Bracket	Aft motor bracket angled at sides with 2-inch black D-fender for protection
Ladder	Dive ladder fitted to swim step
Tie Downs	Recessed tie downs on forward deck fitted with standard rope guard
WELDING	
Hull	Hull and superstructure constructed with marine grade aluminum; MIG and TIG welded throughout
Water Seams	All water seams are welded 100% on both sides
Structural Members	Longitudinal structural members are stitch welded on opposite sides
CENTER CONSOLE	
Style	Center console T-top with black aluminum hardtop
Seat	Built-in cushioned seat in front of console
Storage	Weapons storage box
Bench	Bench seat for operator and navigator with weapons storage; top padded for seating (Shock mitigating seating available)
Windscreen	Fixed or adjustable/folding
Overhead Box	Waterproof electronics box mounted underneath the T-top
Grab Handles	Hand holds located on console
Cup Holders	Two (2) cup holders provided
ELECTRICAL SYSTEM	
Type	12VDC electrical system
Cables	All electrical cable is marine grade tinned copper wire and labeled for each circuit
Routing	Cables are routed in wire ways wherever possible; protected with rubber wherever exposed to potential damage
Switches	Heavy-duty type toggles, properly insulated
Grounding	Hull is not used as part of a galvanic feeding loop
Wiring	Wiring for radios and all electronics are protected with circuit breakers; two (2) additional circuit breakers for future expansion
Circuit Breakers	Located and accessible in the cabin; power, circuit, and components protected against corrosion, excessive heat, excessive vibration, water spray, EMI and RFI
Antenna	Mounting plates on roof
Outlets	Two (2) 12-volt power outlets and two (2) USB charging ports located on the console
BATTERIES	
Type	Three (3) OPTIMA D34 AGM (absorbent glass mat) marine batteries complete with battery switches
House Battery	One (1) dedicated house battery
Engine Batteries	One (1) battery for each engine bank; all battery switches located on lower console panel
Panel	Three-position battery distribution panel located on the console; crossover switches allow jumping in case of a dead battery

BATTERIES-continued	
Auto Relay	Enables the house bank to be charged via engine alternators
Location	All batteries installed in plastic battery trays below a deck hatch
12V DC ELECTRICAL	
Distribution Panel	One (1) Blue Seas 12 position distribution panel; installed on console
Navigation Lights	LED Navigation lights meet USCG requirements; hinging anchor light mast
Bilge Pumps	Two (2) 12V 2000 GPH bilge pumps with automatic float switches; Includes two (2) Blue Seas 12v/USB charging ports
Floodlights	Four (4) LED floodlights mounted on T-top
Emergency Lights	Eight (8) Code 3 emergency lights mounted around the perimeter of T-top; LED deck lighting
Horn	12 Vdc electric horn with momentary switch located on dash
PROPULSION	
Outboard Engines	Twin 350 HP, 25" shaft Mercury outboards with stainless steel props (other engine combinations available)
Engine Systems	Dual key fuel management system; dual key switch panel; power trim and tilt
Controls	Engine monitoring through OEM gauges
Steering	Steering wheel with turning/control knob; dual binnacle controls
Mounting	Engines mounted as far apart as possible per OEM guidelines for optimal performance
Trim Tabs	Lenco electric trim tabs
ELECTRONICS	
Displays	One (1) Garmin 8612 XVS 12" MFD Multifunction with Garmin 4kwxHD 24C 18" Fantom Radar
Antenna	GPS antenna
Transducer	Transom mounted
Radio	Marine VHF radio with antenna
Compass	Ritchie compass installed on the dash
Siren	Whelen Loudhailer
TRAILER	
Type	Custom aluminum dual axle bunk trailer with electric brakes, spare tire, tongue jack, and integrated ladder
Wheels	Galvanized steel with electric disc brakes
Winch	Adjustable bow stop and winch stand; manual 2-speed winch and strap
Lights	Submersible trailer LED lights
WARRANTY	
Type	5-year structural warranty on the hull, stringers and transom from structural defects; 3-year warranty on material defects on collar system; 1-year bow to stern warranty
TRAINING	
Type	Operations and maintenance training available
POPULAR OPTIONS	
Options	A full complement of custom options is available; contact Lake Assault Boats for more information