RIVER RAPTOR

JETBOATS



SR-XD

RESCUE RAPTOR 2072



SR-XD: COMMAND THE SHALLOWS.

OVERALL LENGTH	BOTTOM WIDTH	HULL DEADRISE	SIDE HEIGHT
20'4"	72"	6°	30"

FUEL CAPACITY	TOP SPEED	STATIC DRAFT	BOTTOM THICKNESS
35GAL	50MPH	7"	.190"

" This 20' shallow-water beast slips through inches of water yet excels in rescue and command. Load it with lighting, imaging, communications, and lift/tow gear—then take control of the incident from the ultimate low-water platform. "

MATERIALS

• AL 5052 sheet (33,000 psi tensile strength) • AL 6061 extrusions

THICKNESS

• Bottom: .190" (optional .250") • Sides: .125" (step-bent for strength) • Floor panels: .125"

DESIGN & STRUCTURE

• Raised performance jet intake system • Double MIG welded hull seams (inside & outside) • Heavy-duty custom infrastructure • Eight engineered, laser-notched C-channel longitudinal stringers • Custom floor support welded to stringers • Floor panels attached with 3M 540 adhesive & aluminum rivets

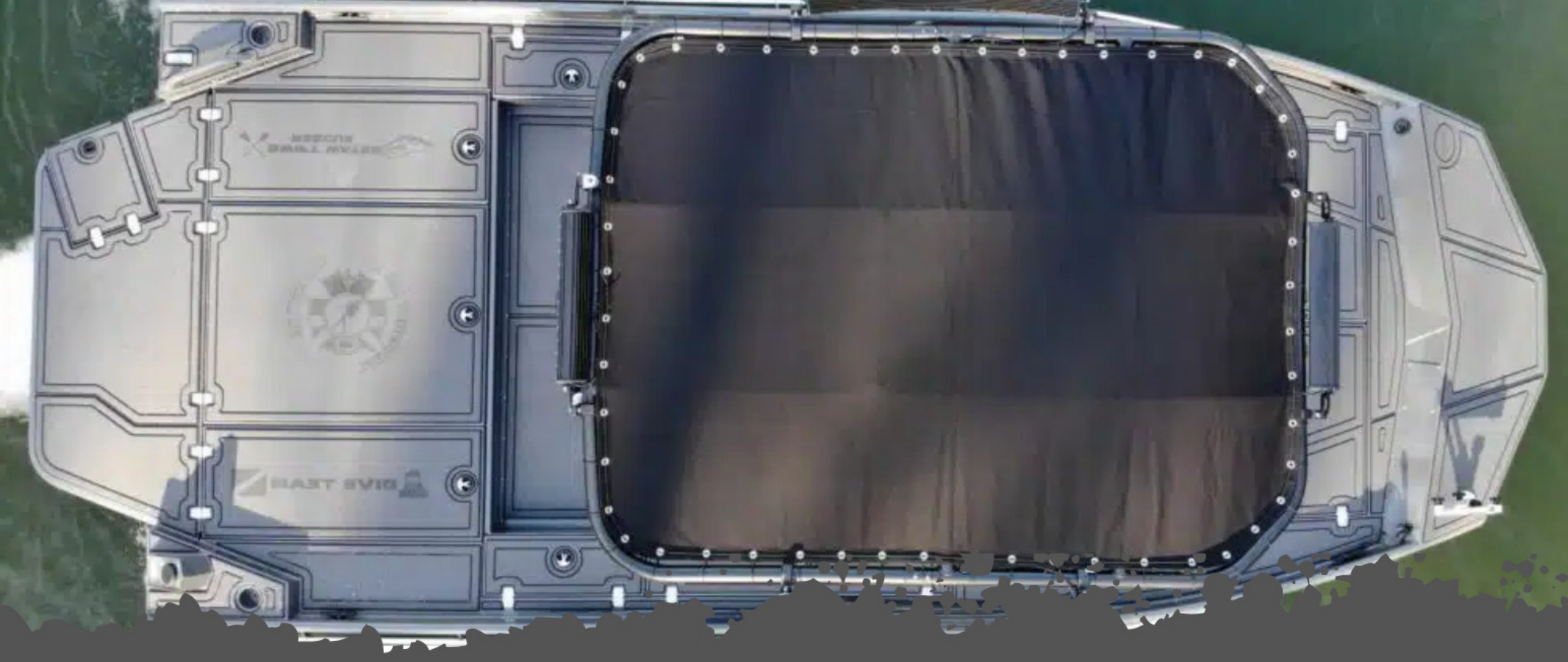
REAR & DECK FEATURES

• Extended rear swim deck • Pump protection tubing with cross brace • Sliding transducer bracket • Optional welded-on gunwale grab rails • Optional swim deck lip, railing, or fold & stow boarding ladder • Self-bailing front & rear deck system • Two rear deck davit crane receptacles • Rear deck tow tower receptacle • Tie-down points (front & rear with included D-rings) • 4 cleats (front & rear, both sides)

DURABILITY

Rugged, heavy-duty design to minimize damage from impact and abrasion as a result of contacting subsurface objects.





CONSOLE & SEATING

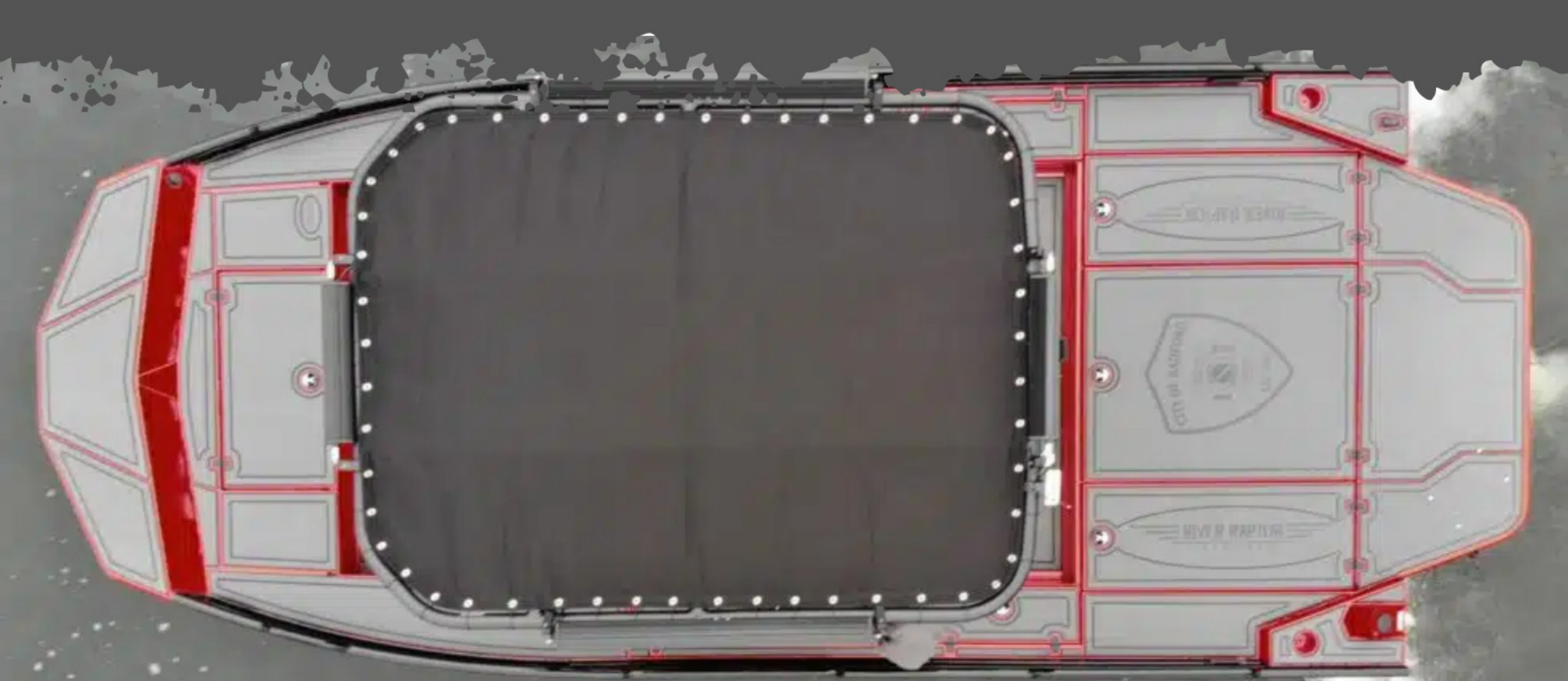
• Forward center console with windshield & grab rail • Fore console jump seat with grab handles & storage • Sit/lean helm seat • Rear cockpit bench (68″ × 19″)

STORAGE

• Bow platform storage (76″ × 21″) • Bow step box with storage • Quick-access cockpit gunwale storage • Port & starboard gunwale top storage with removable bins • Large rear work deck (93″ × 52″) • Two rear deck storage compartments • Rear deck engine compartment lid with lift shocks • Bow cap access panel

SWIM DECK

• 20.6″ extension with grab railing





ENGINE

- BRP Rotax 1630
- 300 HP
- Supercharger
- External Intercooler

PUMP

- BRP Rotax
- 161mm diameter
- Axial flow
- Cast Aluminum Reverse Bucket
- Stainless Steel Wear Ring
- Integrated Cooling Water Supply for Engine

ROTAX POWERED SHALLOW WATER RESCUE BOAT.

REAR STARBOARD STORAGE ELECTRICAL CENTER

- DEKA DKADP24 starting battery: 550 CCA, 120 reserve capacity at 25 amps (Lithium or AGM optional)
- Engine fuse box
- BRP Rotax JPS BUDS engine data & diagnostic system with plug
- Main electrical panel:
  - Main electrical disconnect
  - Positive terminal stud / disconnect circuit
  - Positive terminal stud / always on
  - Ground terminal stud
  - ATO fuse box
  - CZONE digital switching power distribution system



BRP ROTAX HELM-MOUNTED INSTRUMENT CLUSTER

- Multifunction touch display: clock, fuel level, speed, engine RPM, engine temperature, instant fuel consumption rate, compass, hour meter
- Indicator lights: high engine/exhaust temperature, high/low battery voltage, maintenance/fault code, low fuel, low oil pressure, check engine
- INR override & INR adjustment
- Cole Hersee key switch

HELM-MOUNTED CZONE SWITCH PANEL

- 1–2 fused switch panels with: blower, navigation lights, manual bilge, auxiliary/lighting & accessories

ADDITIONAL ELECTRICAL FEATURES

- 12V receptacle
- Helm-mounted kill switch with lanyard (Fell Marine MOB wireless option available)
- 4” marine bilge blower
- Dual 900 GPH bilge pumps
- Side hull recessed LED front navigation lights
- Rear post anchor light
- Sealed Amphenol electrical connectors at harness junctions & terminals



CONTROLS SPECIFICATIONS

- 135° helm steering
- Livorsi INR (Intelligent Neutral & Reverse) throttle/shift control:
- Single lever / dual function
- Port side console mount
- Start-in-gear protection

TOPSIDE FINISH

- Paint: Sikkens polyurethane industrial coating (customer provides color code)
- All walking surfaces with Form Coat non-slip (AquaTraction available)
- Decals: Rescue Raptor side decals & River Raptor console logo

DECK HARDWARE

- Lockable “T-handle” hatch latches
- Stainless steel hardware
- Stainless steel deck lid hinges

MISC. / WARRANTY

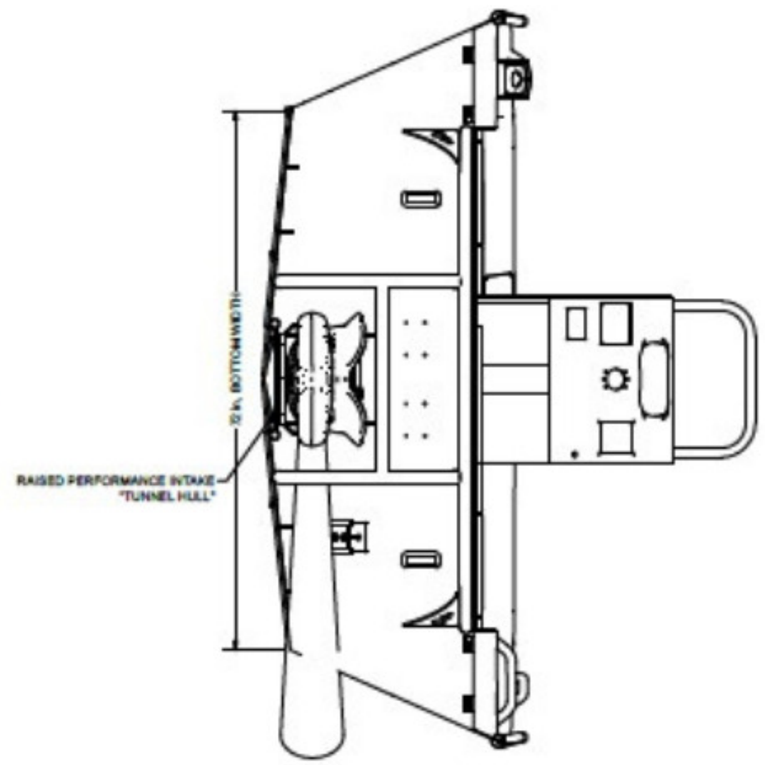
- Options & accessories available upon request
- 3D AutoCAD Inventor model & 2D drawings provided for project approval before construction
- Training available from manufacturer-authorized representative (customer cost)

Commercial Use Warranty:

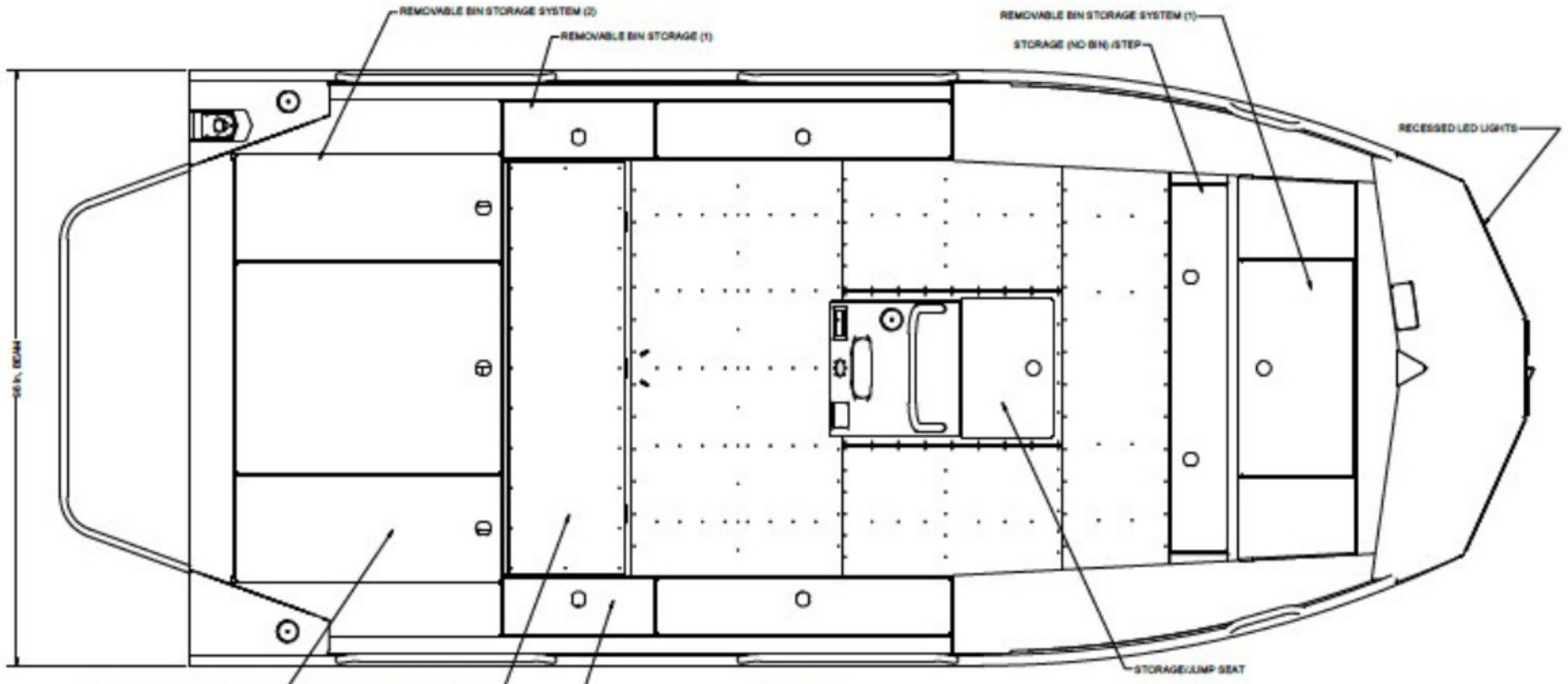
- Entire body & accessories
- 1-year coverage
- Guaranteed free of original material & workmanship defects

OTHER BUILD NOTES:

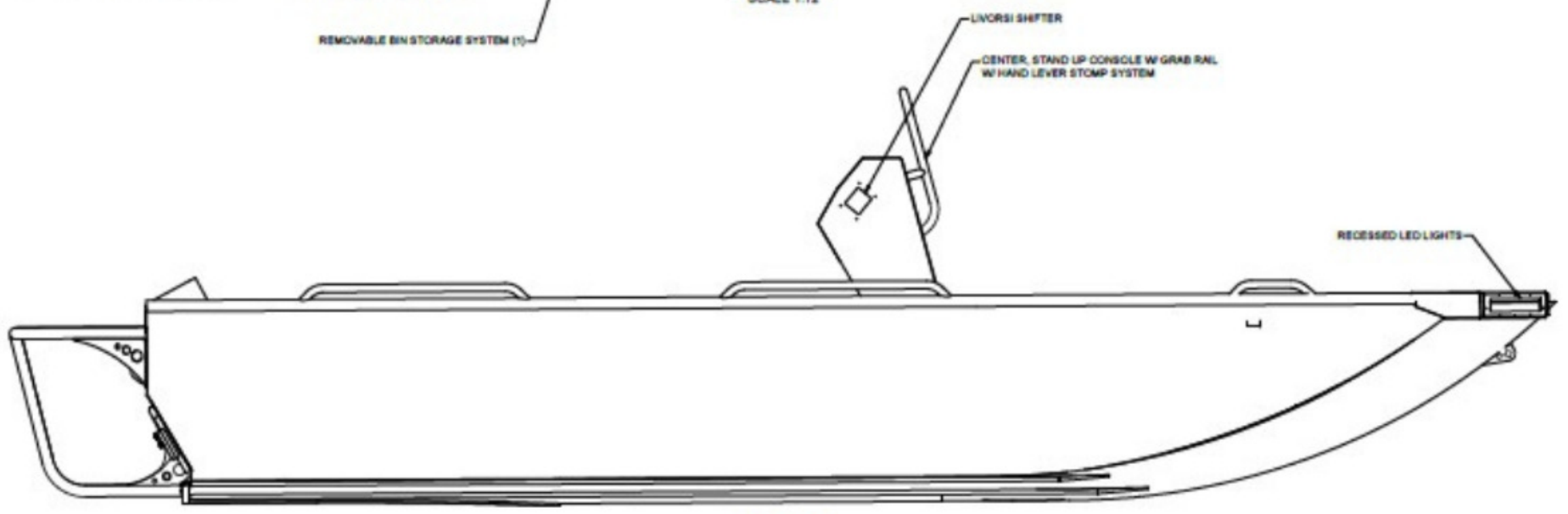
- RED COCKPIT AND INTERIOR DECK LIGHTS
- BLUE TRANSOM DIVE LIGHTS
- FISHMASTER PRO T-TOP W/ BLACK TOP
- CUSTOM (MATCHED) PAINT
- AQUATRACTION - TBD
- RADIOS FLUSH MOUNTED UNDER CONSOLE (CUSTOMER SUPPLIED PANEL)
- CUSTOM CONSOLE HEIGHT - RAISED 3-4" FROM STANDARD



REAR VIEW
SCALE 1:12

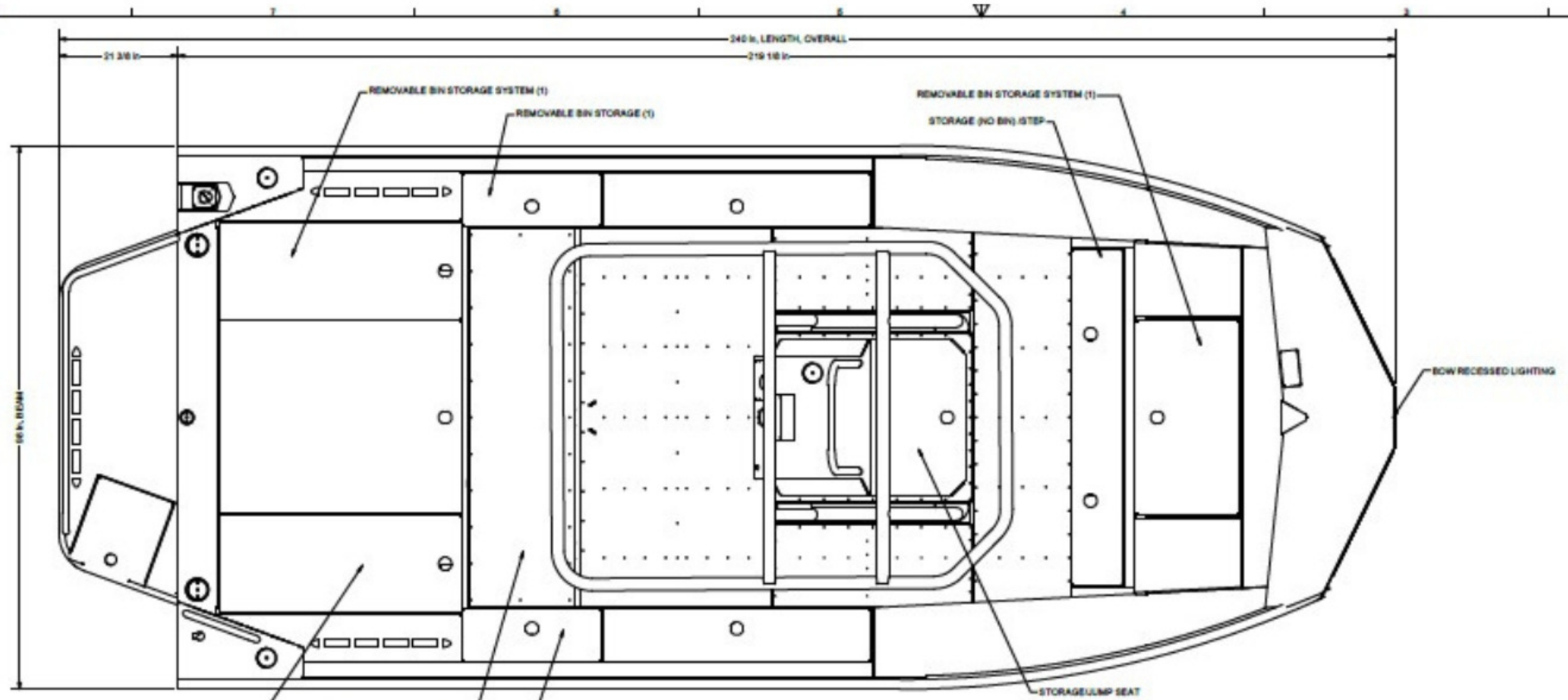


TOP VIEW
SCALE 1:12



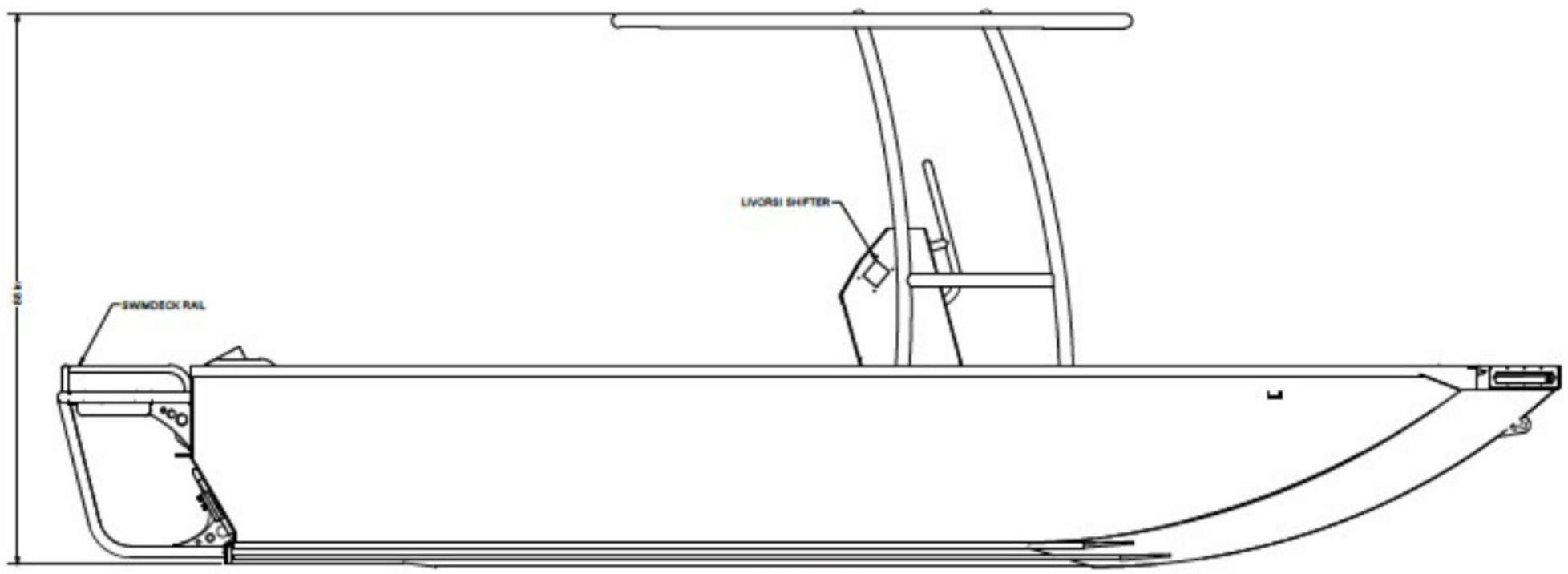
SIDE VIEW
SCALE 1:12

		RPlank	11/22/2021	NA LD	D0124	2021 BR-XS BRANCH AND RESCUE MODEL WITH SELF BAILING FRONT AND BACK DECK SYSTEM	RAPTOR
		RPlank		AS SHOWN	D0124-RADFORD	SHEET 24 OF 28	D

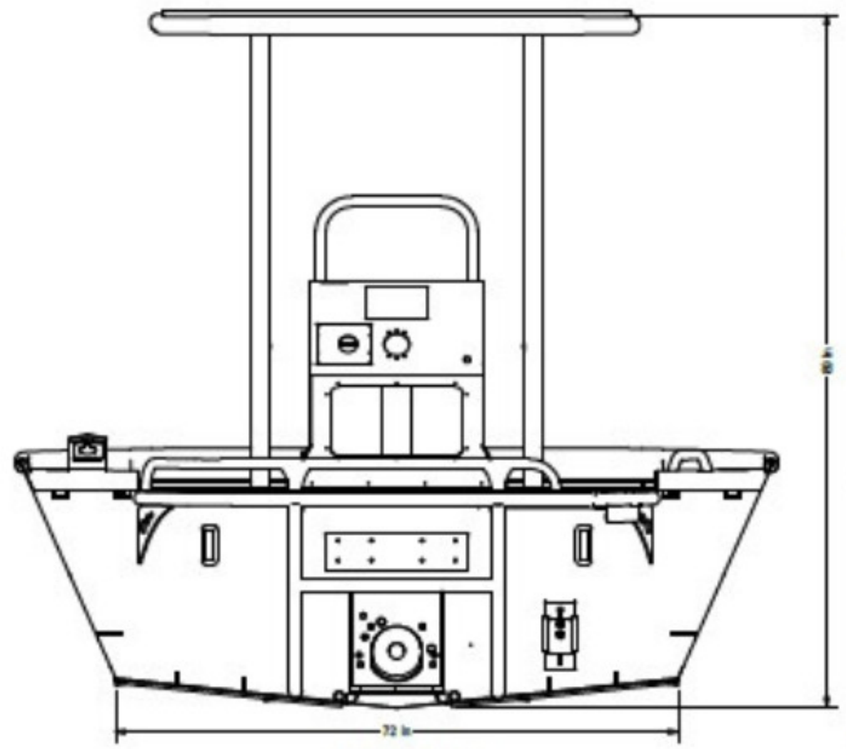


TOP VIEW
SCALE 1:12

BUILD DETAILS	
ITEMS	VALUE
MODEL	SR - XD
LENGTH	20'
WIDTH	72"
ENGINE	300 HP, ROTAX
BOTTOM THK	0.250
STAR. LOCK. ROD STORAGE	STANDARD
PORT LOCK. ROD STORAGE	STANDARD
CONSOLE GRAB RAIL	YES
GUNNEL RAILING	NO
STOMP GRATE	HELM
BOTTOM UHMW	YES
SIDE UHMW	YES
TRAILER	DUAL



SIDE VIEW
SCALE 1:12



REAR VIEW
SCALE 1:12

		RPlank	11/22/2019	NA, LB	D0124	2021 AR XD BRANCH AND RESCUE MODEL WITH SELF BAILING FRONT AND BACK DECK SYSTEM	RAPTOR
		RPlank		AS BUILT	PERRYSBURG	SHEET 28 OF 30	D