



Modular Egress Training Simulator (METS™) Model RB-S (Response Boat – Small) Specifications, Materials, and Clients

Characteristics	Specifications
<i>All tolerances of the METS™ Model RB-S are within 1/2" the sizing of the actual RB-S</i>	
Overall Length	234" (5931 mm)
Aft Window Inside Frame Inside	75"(1905 mm) 71"(1803 mm)
Interior Height	77" (1956 mm)
Outside Diameter	114" (2889 mm)
Cradled Height	132" (3353 mm) (From Trolley Shackle to Floor)
Cradled Height (Without Trolley)	117" (2972 mm) (From Top of Ring to Floor)
Weight (With Interior Components)	Approximately 9150 lbs (4150 kg)
Weight (With Maximum Passengers)	Approximately 10900 lbs (4944 kg)
Maximum Passengers Immersed	10 (at 175 lbs {80 kg} Per Passenger)
Maximum Passengers Surface Evacuation	10 (at 175 lbs {80 kg} Per Passenger)
Interior Configuration Options	Multiple / Unlimited (Based on FRC / RIB Model)
Fast Rescue Craft / Rigid Inflatable Boat	Multiple / Unlimited (Based on FRC / RIB Model)
METS™ Preferred Lift Handling System Options	SSL's Personnel-Rated Model 12000 lb SmartJib™, Cross Gantry Hoist (XGH™), or Twin Gantry Hoist (TGH™) all having Dual Drives, Dual Cabling, Redundant Retract System, and Fail-Safe Leveling Plate
On Site Commissioning, Maintenance Training Required (to Validate Warranties)	Yes (Alternatively, Training can be Delivered at Survival Systems Limited in Dartmouth, Nova Scotia, Canada)
Aircraft Ditching Training Required	Yes, at Client's Site, or at Survival Systems Limited's Site
Color (Custom Color Available)	Interior / Exterior – Dark Blue
Rotation System (Passive)	180 Degree Inversion via Buoyancy Pods
Brake System (Pneumatic)	Supply 150 psi (10.2 bar) to Air System Mounted on Lift System Operating Pressure 80 psi (5.44 bar) Minimum Operating Pressure 120 psi (8.16 bar) Maximum 0.34 Cubic Feet Per Cycle @ 1 atm (1 bar)

Materials Used in the Construction of METS™ Model RB-S

Stainless Steel Type 304, ABS Plastic, Lexan, Acetyl Plastic, High Density & Ultra High Molecular Weight Polyethylene, Aluminum Bronze, 18-8 Stainless Steel, Silicon Bronze

Clients with a METS™ Model RB-S

- 1) USCG, North Carolina

