

# ASSAULT 43

## WILLARD 43'/13m High Speed Rigid Inflatable Boat



The ASSAULT 43 R.I.B. is a new concept for a safe, fast and comfortable High Speed Interceptor/Patrol R.I.B. Recently the demand for increased performance has been apparent for use with the new classes of faster ships and for use by allied countries for high speed threats.

To meet this demand Willard Marine, Inc., in conjunction with Team Scarab, has designed and developed the ASSAULT 43. This alliance has made available the use of high-speed Scarab hulls which have been proven by years of successful ocean racing and long range endurance runs. Now combined with the Willard Marine, Inc. experience in military craft requirements, engineering, construction and quality assurance, the ASSAULT 43 has been developed and built.

### *Supplemental Stability System (S<sup>3</sup>)<sup>®</sup>*

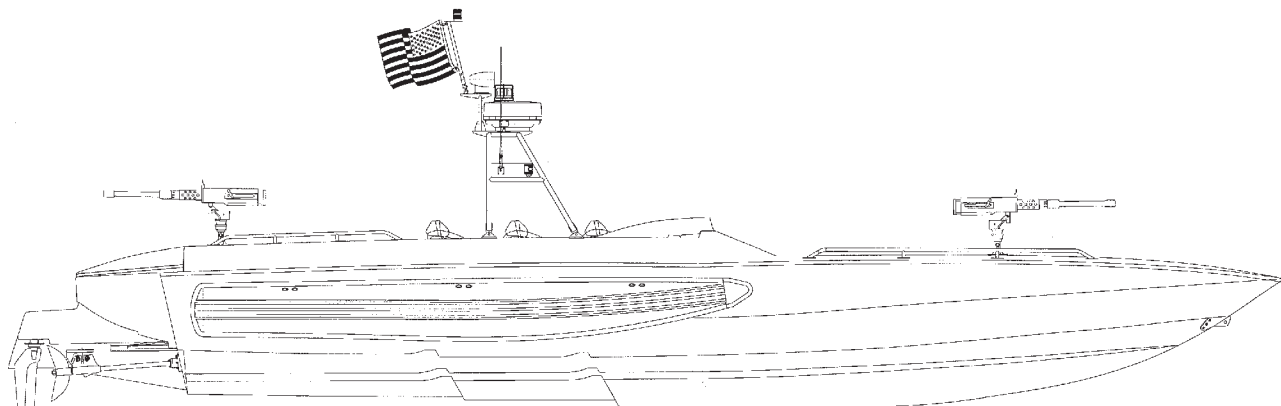
This S<sup>3</sup> concept increases the stability, passenger comfort and safety of high speed, heavily loaded craft, without the weight and drag (both aero and hydro) common in R.I.B.'s. The energy absorbing lightweight S<sup>3</sup> system provides shock mitigating characteristics to the hull. The variable geometry of the sponsons increases hull efficiency and aft buoyancy where the fuel, engine and passenger loads are centered. The S<sup>3</sup> allows the craft to stay on plane at lower speeds in rough water than conventional hulls. Air filled tubes are lighter weight and absorb more energy than foam tubes.



43'/13m R.I.B.s

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**WILLARD 43'/13m  
R.I.B.'s**



## Specifications

- Length Overall 43' (13m)
- Beam, Tubes Deflated 8'-3" (2.5m)
- Beam, Tubes Inflated 10' (3m)
- Draft 2'-8" (0.8m)
- Propulsion Cummins QSC 8.3 Diesels
- Drives ZF Trimax Surface
- Payload 5,500 Lbs. (2,500kg)
- Seating Up to 15 Persons
- Sponsons Air Filled Polyurethane
- Performance 61 Knots as Configured

Also available in 48' (14.5m) and 54' (16.5m) sizes and Cabin Models



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