

40 HORSEPOWER SEARCH & RESCUE SPECIFICATIONS

ITEM	RAIDER SAR40
Overall length	38.18 in
Overall width	13 in
Overall height	49 in(Long Shaft)
Weight	148 lbs.
Transom length	20.9 in
Engine type	2-Stroke
Piston Displacement	493 cc
Bore and Stroke	2.76 x 2.52 (70 mm x 64 mm)
Number of cylinders	2
W.O.T.	5200 – 5800 rpm
Exhaust System	Through Hub
Cooling System	External Water Cooling
Ignition System	C.D. ignition
Starting System	Pull Start/electric
Lubrication system	Fuel pre-mix 50:1
Gear Reduction (Ratio)	13:25 1.85
Spark Plug	R-BCPR6EIX-11
Battery	AGM, 12VDC @ 10Ah,175CCA
Trim Angle settings	6 degrees
Fuel Bladder/Tank	Organizational Dependent
Gasoline	50:1 mix
Engine Oil	TC-W3 Synthetic Marine Oil
Gear Oil	SAE#80 to #90 16.89 fl. Oz.)
DC Outlet	12VDC Accessory Power

Military Grade Outboard Motor deployed by Air National Guard for Search and Rescue Operations.



ENHANCE YOUR MISSION

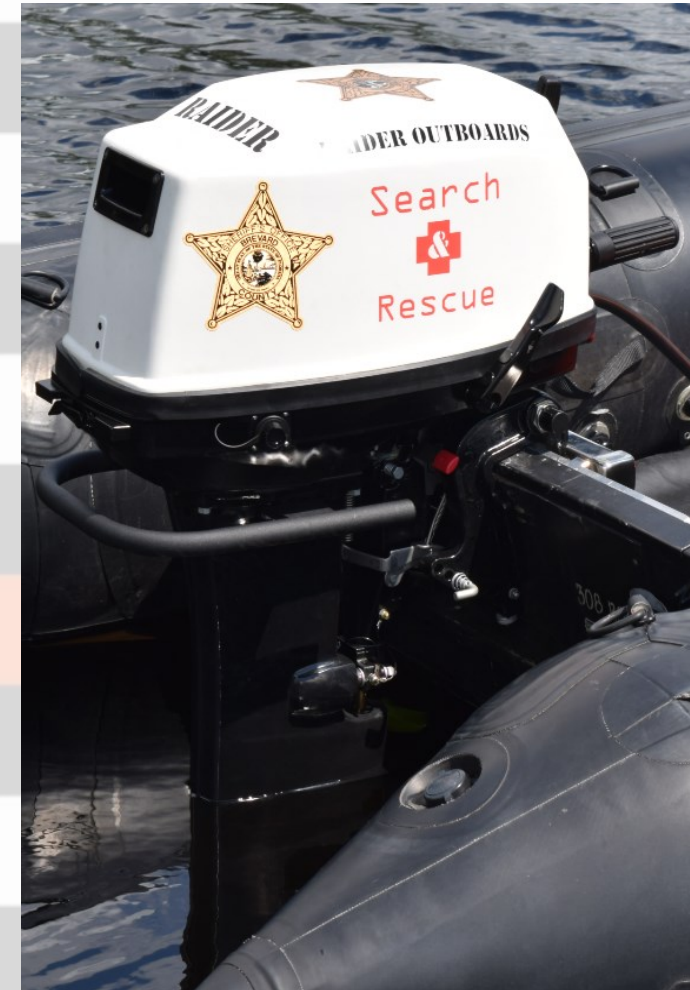
- When submerged may be rapidly dewatered and restored to operation to continue operations, adding capability and capacity to SAR operations conducted in inclement weather conditions where craft are exposed to dynamic sea states and increased probability for flooding or immersion.
- Capable of operating with propeller and jet pump for seamless transition between flood zones and brown water operations to littoral waters or open ocean. Reduces risk during recovering personnel in the water by eliminating injuries due to inadvertent contact with a spinning propeller
- May be deployed with airdroppable capable watercraft via fixed wing or vertical-lift aircraft where persons face immediate threats to life.
- Ease of maintenance. Simplistic proven designs, redundant systems, and reduced electronics.

RAIDER OUTBOARDS, INC.

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RAIDER Outboards



RAIDER SAR40

RAIDER SAR40

FEATURES

- Military Grade. Hardened by direct input from U.S. Special Operations Forces.
- Reinforced Grab Rail, provides portability, “no-slip grip” and improvised towing capability.
- Optional Electric Start, increase capability and capacity to your mission.
- 12 VDC Accessory outlet to provide power for MAR-BAND Radio’s, Cell Phones, Spot Lights, Strobes, and more.
- Wide variety of accessory systems for Transportation, Service , and ease of operation.



RAIDER SAFETY JET

- Provides protection from rocks and underwater hazards, easily absorbing impacts that would ruin a traditional propeller.
- Designed for the mission, reduces risk and improves safety by preventing injury due to inadvertent contact with a propeller.
- Ideal for supporting hurricane relief efforts or flood relief operations in “brown water” environments where higher probabilities of striking submerged objects exist.