

## UST-18AC "Sea Vixen" Unmanned Surface Target (UST)

The UST-18SARV can be used in a search and rescue role, allowing for either remote control operation or completely unmanned and autonomous use.

This is accomplished by using GPS waypoints to bring the rescue vehicle to within 20 feet or less of target coordinates.

### UST-18SARV Unmanned Search and Rescue Vehicle (UST-18USARV)

» Overall Length 18' - 9"



- » Powerplant - 50 Horsepower 2-cycle Outboard Engine
- » Maximum Speed - 39 knots draft less than 8 inches unloaded
- » Line of Sight Radio Controlled up to 4500 m. or over the horizon operation to over 20 Nautical mi.
- » Fully Autonomous Controls allows for a predetermined course plan, instantaneous course changes can be made while the craft is underway with point and click Technology
- » Infrared Counter Measures optional
- » Over 1.6 square meter radar cross section
- » Luneberg Lens available for radar Cross Section enhancement
- » Optional onboard counter measures available such as chaff, smoke, etc.
- » Outbound Capability - 20 nautical miles, up to 50 nautical miles with enhanced comm system
- » Nearly unsinkable even after engaged by small to medium arms fire by CIWS such as MK-15
- » Phalanx, or similar defense systems
- » The UST-18AC is a proven design used in many applications, from simulated terrorist assault vessel to a high speed, versatile target designed for radar

- guided gun systems, CIWS or heat seeker / radar guided missile systems.
- » Other models are available up to 40 ft. in length

### Unmanned Search and Rescue Version

The UST-18SARV can be loaded with 6-8 passengers and safely driven back to a base of operations using one operator and the AGS-21A Ground Station.

This version comes complete with PFDs, first aid supplies, blankets, food, water and can be switched to manual control in the event the autonomous or radio control link is severed, allowing anyone on board to steer the vessel until the link can be reestablished. A failsafe program automatically takes the vessel out of gear and to idle if the link is lost. This is an ideal vehicle for assisting Search and Rescue personnel in locating and bringing individuals to safety with a minimum of assets.