About SAFE Boats International
SAFE Boats International is an industry leading aluminum boat manufacturer and a global leader in providing the most reliable and effective boat platform systems and solutions to defense, security, and first responder customers to accomplish their missions.

This brochure is comprised of public domain information for marketing purposes only – Formal Requests for offers to sell shall be governed by USG ITAR regulations governing the same.
The commercially available SAFE Mk VI is the world’s next generation Patrol Boat and is a part of the United States Navy Expeditionary Combat Command’s (NECC) fleet of combatant craft. The SAFE Mk VI’s mission is to provide operational commanders a capability to patrol shallow littoral areas beyond sheltered harbors and bays and into less sheltered open water for the purpose of force protection of friendly and coalition forces and critical infrastructure.

The 85-foot vessel is designed for optimal performance, fuel economy, and firepower. Systems are designed to reduce Total Ownership Cost (TOC), minimize manpower and improve reliability and maintainability.

Powered by twin diesel engines and water jets, the optionally configured SAFE Mk VI is capable of speeds in excess of 40+ knots at full load, and a range in excess of 1000 nautical miles. She has berthing accommodations, galley and head/shower facilities to allow for extended missions. Additionally, the boat can be outfitted with ballistic protection and armed with a variety of crew served and remotely operated weapons.

With over 2000 vessels manufactured and over 5 million hours in the field without a hull failure, SAFE Boats International is the leader in design, production and support of uniquely capable, durable, high performance patrol and response craft and has proudly served the U.S. military and our allies since 1997.
1. **Reconfigurable Aft Deck with Small Boat Launch and Recovery**

2. **Port and Starboard Personnel Recovery Cut-Outs with Deployable Deck Level Walkways**

3. **Fly Bridge**

4. **Forward Deck**

**Configuration**

1.  
2.  
3.  
4.
CONFIGURATION

5 ENGINE ROOM

6 RECONFIGURABLE MAIN DECK CABIN

7 PILOT HOUSE

8 GALLEY, HEAD AND CREW SPACE

9 BERTHING
MTU

Powering the twin waterjets of the SAFE Mk VI are twin MTU 16V 2000 M94 diesel engines, each producing 1939 kW (2600 bhp). The MTU M94 engines stand out with their high power density and power-to-weight ratio, their compact design as well as their mechanical and thermal stability. Additionally, they are easy to use and maintain, with low life-cycle costs and always supported by the global network of MTU professionals.

HamiltonJet

The SAFE Mk VI features twin HamiltonJet HM651 waterjets along with the HamiltonJet’s proprietary MECS control system. Together they provide unmatched maneuverability at both low and high speeds, combined with options like dynamic positioning, integrated interceptors, low speed maneuvering control, and complete autopilot integration.

NAVIGATION

Furuno

An optional Furuno TZtouch navigation suite offers both the coxswain and navigator access to key functions such as radar and GPS plotting. 14-inch Navnet TZ14 multi-function displays also provide access to depth, AIS and camera information and output to multiple monitoring stations around the boat, ensuring situational awareness. A highly adaptive autopilot reduces operator fatigue on long runs and can actually reduce fuel consumption.

OPTIONAL WEAPONS

BAE Systems

The Mk 38 Mod 2 Machine Gun System (MGS) from BAE Systems sets the standard for shipboard defense against small, fast, and agile surface threats. With system variants deployed worldwide, the stabilized, remote control Mk 38 Mod 2 MGS has been proven capable in defending against multiple surface threats.

Spike NLOS Missile

Lockheed Martin’s Rafael’s Spike NLOS missile, deployed from either the US Navy’s Dahlgren designed, light weight launcher, or Rafael’s Typhoon MLS, provides the operational community with a long range, adverse weather, precision attack capability against moving and stationary targets; at sea, or over land.

Spike NLOS

- Missile Weight: 157 lbs (71.2 kg)
- Missile Length: 63 in (1600 mm)
- Missile Range: 19 miles (32 km)

Dahlgren Launcher

- Weight (empty): 540 lbs
- Dimensions: 76.7 in (H) x 47.2 (W) x 58.7 (D)

Rafael Typhoon Launcher

- Weight (empty): 2,640 lbs
- Dimensions: 96.7 in (H) x 72.3 in (W) x 97.6 in (D)

Dillon Aero

Available on the SAFE MkVI is the Dillon M-134(M) Marinated Gatling Gun. This is the finest small caliber, defense suppression weapon available. It is a six barrelled, electrically driven machine gun chambered in 7.62mm NATO and fires at a fixed rate of 3,000 shots per minute.

*All subsystems listed above are notional options. Other options are available. Speak with your representative for more information.

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SAFE BOATS’ CUSTOMER BASE

U.S. Federal Customers

International Customers

Albania
American Samoa
Antigua
Azerbaijan
Bahamas
Bangladesh
Belize
Benin
Brazil
Canada
Cameroun
Cape Verde
Cayman Islands
Chile
Colombia
Comoros
Costa Rica
Djibouti
Dominica
El Salvador
Gabon
Ghana
Gibraltar
Grenada
Guam
Kenya
St. Kitt
Hong Kong (China)
Indonesia
Iraq
Jordan
Kazakhstan
Kenya
Lebanon
Liberia
Mauritius
Mexico
Nigeria
Oman
Pakistan
Puerto Rico
Russian Federation
Saipan
Sao Tome
Senegal
Singapore
St. Kitt
St. Lucia
St. Vincent
Tanzania
Togo
Trinidad & Tobago
Tunisia
Uzbekistan
Virgin Islands
Yemen

AVAILABLE SUBSYSTEMS

SENSORS

FLIR
Sensor options for the SAFE Mk VI include the SeaFLIR 280-HD and SeaFLIR 230.

SeaFLIR 280-HD
SeaFLIR 280-HD gives a quantum improvement over every other compact system available, and is specifically tailored to give excellent long range performance in the extreme conditions found at sea. With more than 500 units in service around the world, it is a proven performer for low light identification and special operations.

SeaFLIR 230
Representing the very latest in sensor technology, the lightweight SeaFLIR 230 condenses extremely high performance surveillance and targeting capability into a compact, low mass and versatile system. Supported globally by FLIR’s networks of support centers.

COMMUNICATIONS (C4i)

Harris
Optional communications are sourced through Harris RF Communications, the leading global supplier of secure radio communications and embedded high-grade encryption solutions for military, government and commercial organizations.

Harris Corporation
RF Communications Division
1680 University Avenue
Rochester, NY 14610 USA
1-888-711-7295
rf.harris.com

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Configuration

SHOXS
The SAFE Mk VI seating package consists of SHOXS Shock Mitigating Seating. The Pilot House Crew Seats and select other seating locations are outfitted with individual workstations for each member of the crew. These workstations are outfitted with the controls and displays specific to each of the ship systems a crewmember needs access to while underway.

SHOXS Shock Mitigating Seat

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