

ENABLING DISTRIBUTED MARITIME OPERATIONS WORLDWIDE



EPF FLIGHT II



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INNOVATIVE ON LAND.
EXCEPTIONAL AT SEA.

The **EXPEDITIONARY FAST TRANSPORT (EPF)** provides high-speed, high-payload transport capability to Combatant Commanders around the world. The EPF's large, open mission deck and habitability spaces support a wide range of missions including intelligence, surveillance and reconnaissance (ISR), unmanned aerial vehicle (UAV) operations, and command and control missions in addition to engagement and humanitarian assistance/disaster relief (HA/DR). Building on the tremendous utility of the EPF platform, **EPF FLIGHT II** provides a Role 2E medical capability. The EPF's catamaran design provides inherent stability to allow surgeons to perform underway medical procedures in an onboard operating suite. Enhanced capabilities to support V-22 flight operations and launch and recover 11 meter Rigid Hull Inflatable Boats (RHIB) complement the ship's medical facilities. These Flight II upgrades along with EPF's speed, maneuverability and shallow water access are key enablers for mission support of future Expeditionary Advanced Base Operations around the world. Flight II retains the capability of the Flight I to support other missions including core logistics capabilities.

CAPABILITIES

- Level I Class 2 facilities for up to V-22 to enhance long-endurance patient transport. Vipo Vikodeck thermal protection for flight deck.
- Personnel elevator to allow non-ambulatory patient access from mission bay.
- Active motion-compensated watercraft launch and recovery system for 11 meter RHIB provides boat operations in up to sea state 5.
- Multi-mission mast provides capability to embark a range of sensors supporting ISR missions.
- Onboard pharmacy, blood bank and laboratory spaces to support onboard medical facilities and mission package.

SPECIFICATIONS

Hull: Catamaran

Length: 338 feet (103 meters)

Beam: 93.5 feet (29.5 meters)

Draft: 13 feet (4 meters)

Speed:

- 33 knots with 380 metric tonnes cargo
- 21 knots with 231 metric tonnes mission payload (medical)

Sea state: 10 knots in SS5

Range:

- 1,200 nautical miles @ 33 knots (full load)
- 4,700 nautical miles @ 21 knots (no cargo)
- 2,000 nautical miles @ 21 knots (medical cargo)

Crew: 36 crew

Medical Detachment:

- 3 VIP
- 1 Officer-in-Charge
- 147 embarked force/medical support
- 8 isolation/acute care

Medical beds:

- 2 operating rooms (1 major/1 minor procedure)
- 23 medical ward beds (in ward/ICU)
- 10 ICU beds (in ward/ICU)
- 8 isolation/acute care (in berthing)

Flight Operations: Landing spot for up to V-22

Watercraft Operations: 11m RHIB launch and recovery system; hydraulic painter boom

Propulsion:

- 4x MTU 20V8000 diesel engine
- 4x Wartsila steerable, reversing waterjets