



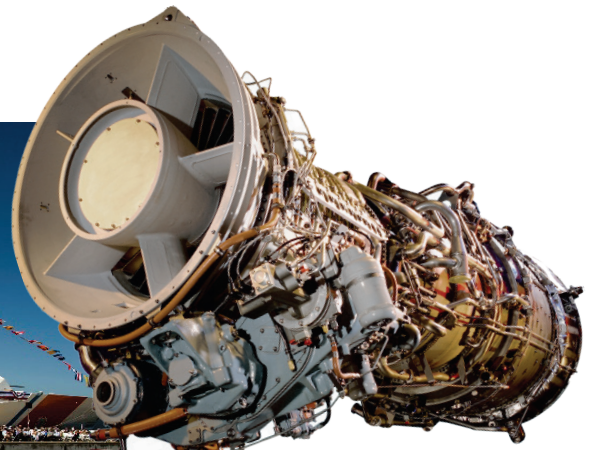
GE LM2500 Gas Turbines Power United States Coast Guard National Security Cutters

GE's LM2500 gas turbines power the United States Coast Guard's new National Security Cutters (NSC). Each 418-foot-long cutter features one LM2500 in a combined diesel and gas turbine propulsion system to reach speeds in excess of 28 knots. The seventh NSC, *Kimball*, was launched at Huntington Ingalls Industries (HII) in Pascagoula, Mississippi, December 17, 2016. The previous day, the U.S. Coast Guard accepted delivery of the sixth cutter *Munro*, in Pascagoula. Cutters *Bertholf*, *Waesche* and *Stratton* are stationed in Alameda, California. Coast Guard cutters *Hamilton* and *James* are stationed in Charleston, South Carolina. To date, all the NSCs are powered by an LM2500 gas turbine manufactured at GE's Evendale, Ohio, facility.

LM2500 Gas Turbine

The LM2500 is a popular choice for industrial as well as commercial and naval marine customers. In fact, 35 navies worldwide have selected the LM2500 for a variety of high-speed ship programs. The LM2500 is a simple-cycle, two-shaft, high performance engine. Derived from GE's CF6 aircraft engine, the LM2500 offers 33,600 shaft horsepower at 39% thermal efficiency.

GE has kept this aeroderivative gas turbine state-of-the-art through the continual infusion of technological enhancements. These improvements keep the LM2500 current and suitable for marine programs yet to come.



GE LM2500 gas turbine

Shown is *USCGC Waesche*, the first United States Coast Guard National Security Cutter (photo courtesy of the United States Coast Guard).