



USS NORMANDY (CG 60)

Guided Missile Cruiser
Homeport: Norfolk, Virginia
www.normandy.navy.mil



Commissioned December 9, 1989, USS NORMANDY (CG 60) is the third Bath, Maine built Aegis Cruiser and the 14th ship of the Ticonderoga class. NORMANDY is named after the allied invasion of Normandy, France, on 6 June 1944. The armada that conducted the invasion consisted of 702 warships protecting 9000 ships and landing craft. The invasion shifted the tide of WWII in favor of the allies. NORMANDY's motto is "Vanguard of Victory" and her crew is known as the Vanguardmen. Normandy and her 26 sister AEGIS ships will protect our battle groups from all threats-especially cruise missiles. The AEGIS Combat System, which makes Normandy one of the Navy's most capable battle group surface combatants, is the heart of her warfighting capability. This extensive integration of detection, engagement and control systems provides her with truly multimission capabilities.

An AEGIS Combat System, Command and Decision System and Weapons Control System combine to form the nucleus of the ship's Combat Information Center, providing overall battle management and coordination for the entire carrier battle group. The Command and Decision System is the primary element through which the captain develops his battle doctrine. The Weapons Control System directs such weapons systems as Standard Surface-to-air missiles, Tomahawk or Harpoon surface cruise missiles, vertically-launched antisubmarine rockets, Phalanx automatic antiaircraft guns, five-inch rapid-fire deck guns, torpedoes, fighter aircraft and helicopters. AEGIS can fire more rapidly and control more missiles in-flight than any other shipboard system. The weapons systems are supplemented by sonar, electronic counter-measures, decoys and passive detection systems to help detect, classify and confuse enemy units and incoming weapons. An Operational Readiness Test System (ORTS) makes AEGIS the only shipboard weapons system capable of constantly monitoring thousands of critical operating points. This system detects faults and provides maintenance data for rapid correction or repair by the ship's crew.

The MK41 Vertical Launching System is a multiwarfare missile launching system capable of firing a mix of missiles against airborne, surface and subsurface threats to the battle group. Modular in design, the system can be loaded to fire a variety of missiles. The primary weapon to be used with AEGIS and the Vertical Launching System in defending against an airborne threat is the Standard Missile 2, the world's most advanced supersonic homing missile. Propelled by a dual thrust rocket motor and incorporating a high-explosive warhead, the 1,300 pound SM2 is always under positive control of the AEGIS Combat System. SM2's unique mid-course guidance and resistance to electronic jamming permits long range and high fire-power. The performance of SM2, proven in exacting service evaluation with the AEGIS Combat System, will provide Normandy with defensive capability against any current or projected airborne threat.

SHIP'S SPECIFICATIONS:

GENERAL

Length - 567 feet
Beam (Maximum)- 55 feet
Speed: 30+ knots
Draft (Navigational)- 23.2 feet
Displacement- 9,516 tons full load
Complement- 37 Officers/372 Enlisted

SENSORS

AN/SPY-1B Radar
AN/SPS-49(V)7 Air Search Radar
AN/SPS-73 Surface Search Radar
AN/SPQ-9A Gun Radar
AN/SPG-62 Fire Control Illuminators (4)
AN/SPS-64(V)9 Surface Search Radar
AN/SQS-53B Hull Sonar
AN/SQR-19 Tactical Towed Array Sonar
AN/SLQ-32(V)3 Electronic Countermeasures System

WEAPONS

MK7 MOD4 AEGIS Weapons System
MK45 5"/54 Lightweight Gun (2 Mounts)
.50 Caliber Machine Guns (2 Mounts)
MK32 MOD14 Torpedo Tubes (6 tubes)
.30 Caliber Machine Guns (2 Mounts)
MK15 MOD2 Close-In-Weapons-System (CIWS)
MK41 Vertical Launching System
Harpoon Quad-Canister Launcher
MK36 MOD2 Super Rapid-Blooming Chaff

ENGINEERING

Propulsion: 4 LM2500 Gas Turbines (20,000 Shaft Horsepower), 2 Controllable Reversible Pitch Propellers, Allison S01-K17 Gas Turbine Generators

Electrical:
Services:

AIRCRAFT

SH-60 Seahawk LAMPS MK III Helicopters