



## USS OSCAR AUSTIN (DDG 79)

Guided Missile Destroyer

Homeport: Norfolk, Virginia

www.oscar-austin.navy.mil



OSCAR AUSTIN's mission is to be prepared to conduct prompt, sustained combat operations at sea in support of national policy. She is capable of operating within a Carrier Strike Group (CSG) and Expeditionary Strike Group (ESG) in extreme threat environments, providing primary anti-air protection for the ships within that Strike Group. To accomplish this, OSCAR AUSTIN utilizes her various sensors to detect, classify and track hundreds of potential targets simultaneously in the air, on the surface and under the sea.

OSCAR AUSTIN's Combat System is the most technologically advanced in the world, capable of projecting power both at sea and ashore with precision and deadly accuracy. A key component to the ship's ability to perform its mission is the Aegis Weapon System (AWS). AWS consists of a number of sub-systems that include the ship's primary air radar, the AN/SPY1D, and the Standard Missile (SM). These two components, in conjunction with OSCAR AUSTIN's Cooperative Engagement Capability and seven other fire control, command and decision, and training elements compose the most effective air defense system in the world. Capable of tracking hundreds of contacts simultaneously, the AWS can engage multiple threats at maximum range without any operator intervention. In addition to the AWS, OSCAR AUSTIN is outfitted with a single 5"/54 caliber dual purpose gun mount able to accurately fire 16-20 rounds a minute to ranges in excess of 13 miles. For point defense, OSCAR AUSTIN's two 20mm Close-in Weapon Systems (CIWS) are capable of firing 4500 rounds a minute to exasperate and extinguish an inbound threat at close range. The ship's Sonar Suite is capable of detecting, tracking, identifying, and engaging multiple submerged threats.

All this firepower is useless without the ability to take the fight to the enemy. OSCAR AUSTIN is powered and driven by the most sophisticated engineering plant afloat. At the touch of a button, all four of the ship's General Electric LM2500 Gas Turbine Engines come to life, providing the ship with over 100,000 shp. Three smaller, Allison 501-K34 Gas Turbine Generators provide the ship with enough electrical power to operate everything onboard. Incorporated in the engineering plant is a complex damage control system that utilizes automation and human operators to maintain a safe ship and manage damage control assets.

As the first Flight IIA AEGIS Destroyer, OSCAR AUSTIN looks and performs quite differently than previous ships in the class. The addition of a helicopter hangar and the upgraded Aegis Combat System are two of the most significant modifications. Other alterations include raised aft facing AN/SPY-1D arrays, increased missile capacity from 90 to 96 missiles, inclusion of a Recovery, Assist, Securing, and Traversing (RAST) System to assist in the recovery of SH-60 helicopters during inclement weather and high sea states, Kingfisher Mine Detection System, and the addition of a stern sheet trim tab hydrostatically designed to permit OSCAR AUSTIN to travel at higher speeds with less engineering plant output.

The officers and crew of OSCAR AUSTIN make her the finest ship in the Fleet. The crew is comprised of highly trained, motivated professionals committed to excellence and devoted to serving their country. As a unified team, the 300 officers and crew of OSCAR AUSTIN are ready now to meet any threat to our nation.

### SHIP'S SPECIFICATIONS:

#### GENERAL

Length - 509.7 feet  
Beam (Maximum)- 66.7 feet  
Speed: 32+ knots  
Draft (Navigational)- 30.9 feet  
Displacement- 9,180 tons full load  
Complement- 25 Officers/275 Enlisted

#### ENGINEERING

Propulsion: 4 General Electric LM2500 Gas Turbines (100,000 Shaft Horsepower), controllable Reversible Pitch Propellers  
Electrical:

#### SENSORS

AN/SPS-67(V)3, G band surface search radar  
AN/SPS-64(V)9 I band radar  
AN/SQQ-89(V)10 Surface ASW Combat System  
AN/SQS-53C(V)4 sonar detecting and ranging set with Kingfisher  
AN/SLQ-32A(V)3 countermeasures set  
AN/SLQ-25A torpedo countermeasures transmitting set  
AN/SRS-1(V) CDF system  
AN/SQQ-89(V) T4 On-Board Trainer (OBT)

#### WEAPONS

5"/54 caliber Gun Mount, Forward Vertical Launch System (VLS) Forward and Aft ( 96 ells)  
Phalanx Close-In-Weapons-System (CIWS) Forward and Aft  
Torpedo Launchers Midships Port and Starboard  
4 50 caliber Gun Mounts

#### AIRCRAFT

2 SH-60B LAMPS MK III helicopters