

For More Information



ABOUT THE JAMES E. WILLIAMS

James E. Williams served in the navy from 1947 to 1967. He was the most highly decorated enlisted man in the history of the U.S. Navy, receiving the Medal of Honor, the Navy Cross, and other awards for his actions during the Korean War and the Vietnam War.

DDG 95's capabilities include launching missiles, deploying helicopters, detecting mines, tracking and targeting submarines, and performing anti-air and anti-surface operations. With helicopters aboard, USS James E. Williams can also perform medical evacuations, ship replenishment, communication relay, and other functions.

ONLINE RESOURCES

USS James E. Williams Home Page: www.williams.navy.mil

USS James E. Williams Facebook Page: www.facebook.com/ddg95

U.S. Atlantic Fleet Home Page: www.navy.mil/local/surflant

U.S. Atlantic Fleet Facebook Page: www.facebook.com/surflant

Navy Task Force Energy Facebook Page: www.facebook.com/NavalEnergy

Navy Energy, Environment and Climate Change Web Site: <http://greenfleet.dodlive.mil/home>

Currents – the Navy's Energy & Environmental Magazine Home Page:

<http://greenfleet.dodlive.mil/currents-magazine>

Currents Facebook Page: www.facebook.com/navycurrents

USS James E. Williams (DDG 95)



Energy and Environmental Highlights

USS James E. Williams Quick Facts

Ship Type:	Guided Missile Destroyer
Commissioned:	December 11, 2004
Homeport:	Norfolk, VA
Fleet Assignment:	Commander Naval Surface Force, Atlantic Fleet
Length:	510 feet (155.4 meters)
Beam:	66 feet (20.1 meters)
Displacement:	9,515 tons (full load)
Draft:	32 feet (9.8 meters)
Speed:	30+ knots
Manning:	312 Officers and Enlisted Personnel
Motto:	<i>Lead From the Front</i>
Aircraft Carried:	2 SH-60 Seahawk helicopters

Energy Facts

- Stern flap improves fuel economy.
- **Shipboard Energy Dashboard** provides operators real time situational awareness of energy use and **alerts crews when excess or inefficient equipment is online.**
- Number one on U.S. Fleet Forces Command's list of **Top 10 Energy-saving Ships in the Atlantic Fleet** in 4th quarter, Fiscal Year 2014.
- Traveled at most efficient speeds when transiting between operational areas, **thereby saving fuel.**
- Educated crew members of **energy efficiency best practices** (quick "Navy" showers, thermostat settings, ventilation maintenance).
- Incorporated an "**energy conservation instruction**" in the engineering department's organization and regulations manual. The manual is required quarterly reading for all engineering department personnel.
- Used simulators and other onboard training equipment to eliminate dozens of underway days, thereby **reducing shipboard power plant use.**
- Motor controllers and breakers receive **regular preventative maintenance** to reduce energy loss.



Environmental Facts

- **Plastic waste processors** melt and compress all plastics for onboard storage.
- **Pulpers** shred paper and cardboard for safe disposal at sea.
- **Grinders** process metal and glass into small pieces which are discharged in biodegradable burlap bags to avoid floating debris.
- **Paints, solvents and other chemicals** needed for maintenance are managed via a strict inventory control system.
- **Oil/water separators** and other oil pollution abatement systems help keep oil out of the ocean.
- **Tributyltin-free coatings** on ship's hull and propellers reduce drag from biofouling organisms.
- **Ship's lookouts** are trained to spot whales and alert the ship to change course if needed to avoid collisions with marine life.

