

# USS Gerald R. Ford supercarrier

The USS Gerald R. Ford is the U.S. Navy's newest and most advanced aircraft carrier and the largest warship ever constructed

**Island:** Aft location gives more room for aircraft. Includes flat-panel array radar systems and dual-band radar

**Flight deck:** Can handle up to 220 missions per day. Aircraft launched by electromagnetic catapult

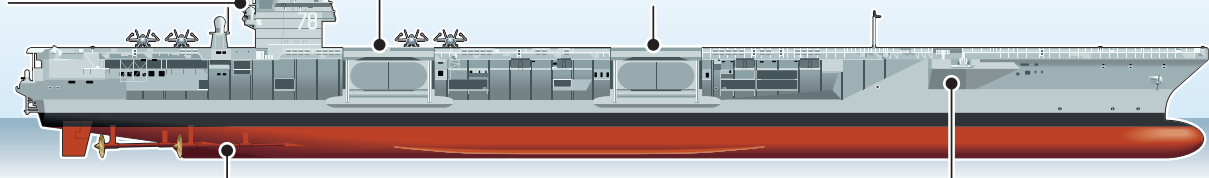
Flight deck incorporates three aircraft elevators

## AIRCRAFT TYPES

F/A-18



- F/A-18E/F Super Hornet fighter jets
- E-2D Advanced Hawkeye airborne early warning aircraft
- EA-18 Growler electronic attack jets
- MH-60R/S helicopters



**Propulsion:** Two nuclear reactors, each capable of producing 300MW of electricity. Speed: **30+ knots**

**Technology:** Greater automation requires less crew. Maintenance reduced by 30 percent

**Weapons:** Evolved Sea Sparrow missile launchers, Rolling Airframe Missile (RAM) launchers, Phalanx rapid-fire guns

## AIRCRAFT CARRIER COMPARISON

*USS Gerald R. Ford*  
(Ford-class)

*USS Dwight D. Eisenhower*  
(Nimitz-class)

Commissioned	2017	1977
Displacement	101,600 tonnes	88,000 tonnes
Flight deck width	78m	76.8m
Crew	4,660	5,680
Number of aircraft	75+	Approx 65+

*Nimitz-class*

Flight deck area  
**18,200 sq m**



*Gerald R. Ford* **18,943 sq m**

Length: **333m**

