

DESIGNING & BUILDING SHIPS FOR THE NEXT 100 YEARS

This year marks the 100th anniversary of the U.S. Navy's first aircraft carrier – USS *Langley* (CV 1). From USS *Langley* and its humble beginnings as a converted collier to today's USS *Gerald R. Ford* (CVN 78) representing the most advanced warfighting platform in the world, the American aircraft carrier has been the mainstay in executing the U.S. Navy's mission of defending our nation and its interests around the globe. The aircraft carrier will remain the centerpiece of U.S. national security for the next 100 years.

USS GERALD R. FORD (CVN 78)

- As first of the *Ford*-class, the nation's newest and most advanced aircraft carrier, will be in service until 2070s
- Prepared for its first operational deployment in fall 2022 – following the completed planned incremental availability on March 2, 2022
- First digitally designed aircraft carrier, 23 cutting-edge technologies onboard
- *Ford*-class aircraft carriers, air wings, and weapons systems evolve together as the latest technologies are developed for future missions and to counter emerging threats

“She [USS *Gerald R. Ford*] is absolutely ready to fight. This wonderful crew has been eager to come out of the shipyard finally and deploy our Navy's newest carrier.”

– Carlos Del Toro, Secretary of the Navy

JOHN F. KENNEDY (CVN 79)

- Second ship of the *Ford*-class
- Scheduled for delivery in 2024
- Ship is to begin Electromagnetic Aircraft Launch System (EMALS) tests later this year with the ship in February being approximately 83% complete
- In November 2020, the U.S. Navy shifted the delivery strategy for CVN 79 to a single phase which will deliver a ship with more capability and less cost than the original two-phase approach

ENTERPRISE (CVN 80) & DORIS MILLER (CVN 81)

- The third and fourth ships of the *Ford*-class, *Enterprise* & *Doris Miller*, were purchased as a two-ship buy in January 2019, which according to the U.S. Navy will yield more than \$4 billion in savings
- Suppliers are receiving contracts for the material procurement and early unit construction for these ships
- The keel laying of *Enterprise* is scheduled for April 2022
- *Doris Miller*'s namesake is widely recognized as one of the first U.S. heroes of World War II and his legacy has been a touchstone for African American sailors in the service. The ship will be delivered to U.S. Navy in 2032.

THE FORD-CLASS: A 50-YEAR LIFESPAN

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| USS GERALD R. FORD (CVN 78) | 2022 | IN THESE 50 YEARS: | 2072 |
| JOHN F. KENNEDY (CVN 79) | 2024 | 12+ PRESIDENTIAL TERMS | 2074 |
| ENTERPRISE (CVN 80) | 2028 | 9+ SENATE TERMS | 2078 |
| DORIS MILLER (CVN 81) | 2032 | 25 HOUSE TERMS | 2082 |