

PCU ARLINGTON (LPD 24)



*Initial Pre-Commissioning Brief
December 11, 2010*



Where We Stand Today

The background of the slide is a large, semi-transparent image of the USS ARLINGTON (LPD 24) at sea. The ship is shown from a low angle, emphasizing its size and the complexity of its superstructure, including the island and various masts. The water is a light blue-grey, and the sky is a pale blue with soft, white clouds. The ship's hull number '24' is visible on the bow.

Translation to Drydock: 14 Nov 2010

Launched: 23 Nov 2010

Christening: 26 March 2011

Delivery: 23 March 2012

Sail Away: 11 June 2012

Commissioning: July/August 2012



How ARLINGTONs Compare



AP-174 (1942-1946)

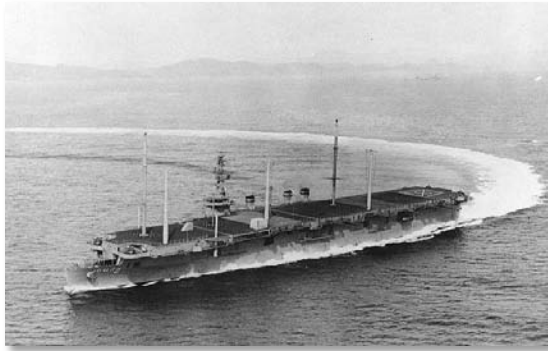
Displacement: 10,120 tons

Length: 418'

Beam: 60'

Draft: 22' 3"

Speed: 14.7 knots



AGMR-2 (1966-1970)

Displacement: 14,500 tons

Length: 684'

Beam: 115'

Draft: 28'

Speed: 33 knots



LPD 24

Displacement : 24,900 tons

Length: 684'

Beam: 105'

Draft: 23 ft.

Speed: 22 knots



Vehicle & Aircraft Capacity

Two or Four Spot Flight Deck



Well Deck: 2 LCAC or 1 LCU

Vehicles: 25k sq ft

Cargo: 36k sq ft

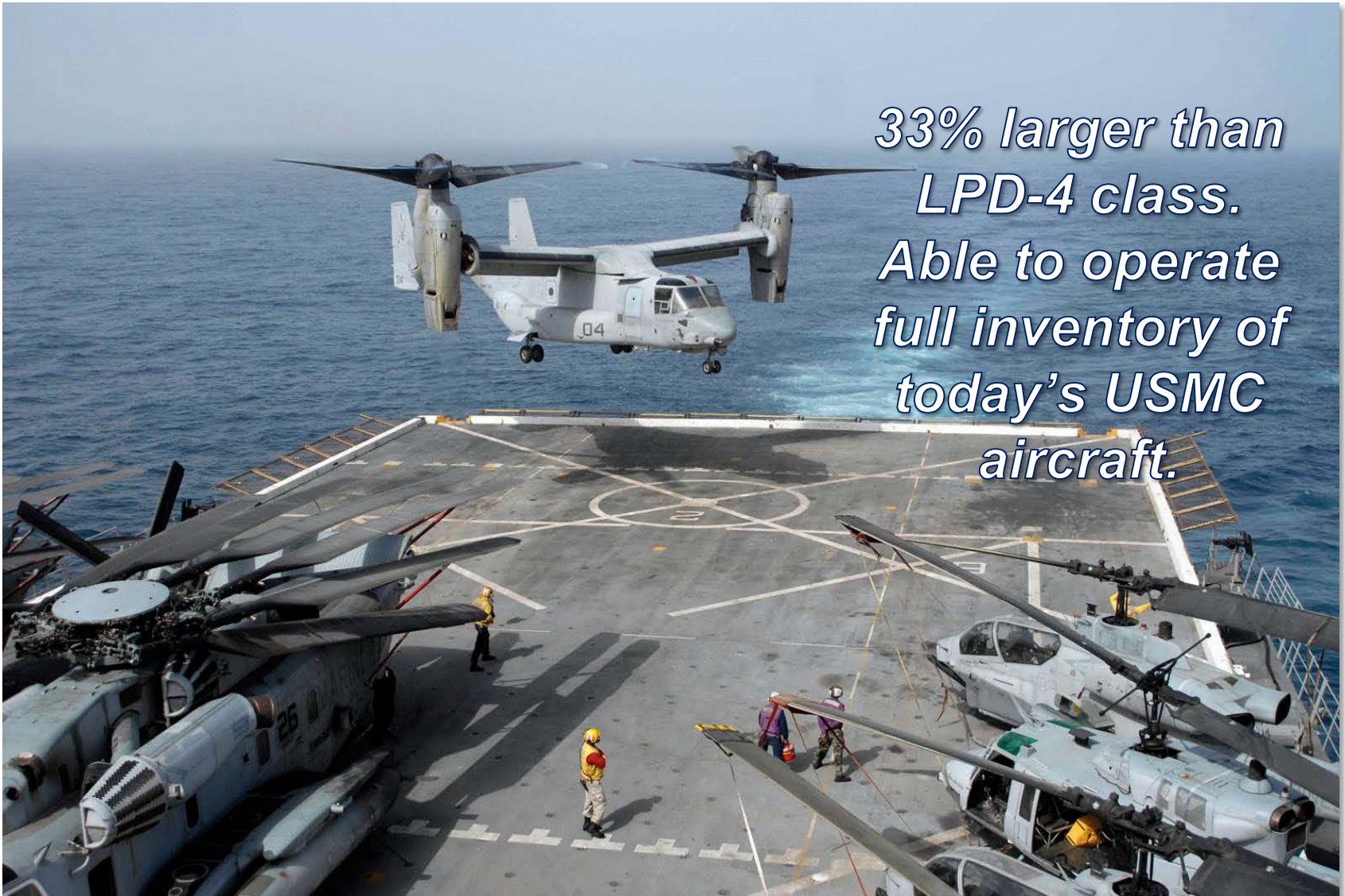


Well Deck





Flight Deck



*33% larger than
LPD-4 class.
Able to operate
full inventory of
today's USMC
aircraft.*



Weapons Systems

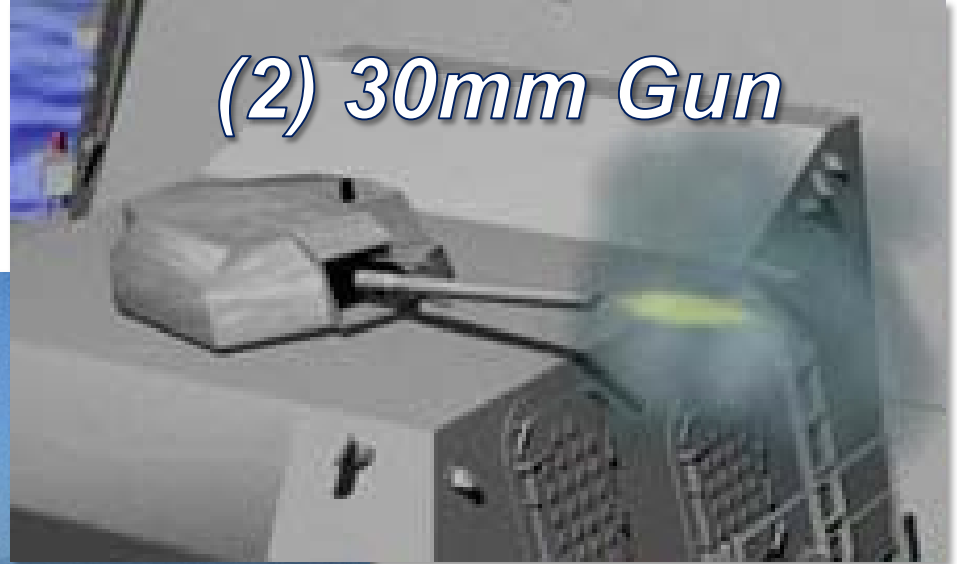
Rolling Airframe Missile (RAM)

- Self-Defense against Anti-Ship Cruise Missiles
- Range: 3 nm (6,000 yds)
- Inventory: 42 Missiles (21 per launcher)

(2) Rolling Airframe Missile



(2) 30mm Gun



30mm Bushmaster Gun

- Surface & Air threats
- 250 rounds per minute
- Range: 1.6 nm (3,200 yds)
- Remote control from CIC
- Low light Infrared camera
- Laser range finder



Facts and Figures

- ***Main Propulsion Diesel Engines (MPDEs)***
 - ***4 Fairbanks Morse Colt-Pielstick PC2.5 STC diesels (41,000 hp)***
 - ***Max speed: 22+ knots***
- ***Ships Service Diesel Generator Engines (SSDGs)***
 - ***Caterpillar 3608 (5 @ 2,500 kW each)***
- ***Air Conditioning units***
 - ***York International (7 @ 200 tons, non-CFC)***
 - ***Nearly 5x capacity of LPD 4 Class***
- ***Reverse Osmosis Water Purification***
 - ***72,000 gallons per day capacity***
- ***10 Fire Pumps***
 - ***1,000 gallons per minute each***
- ***Crew: 363 / Embarked Troops: 700 (800 surge)***

The ARLINGTON Crest



USS ARLINGTON (LPD 24)



Backups



Blazon



SHIELD: On a pentagon Azure, a laurel wreath superimposed in base by a demi trident erect Or, overall the Arlington House Proper; a bordure in the traditional buff of Indiana limestone Proper with dexter base section Gules.

CREST: On a wreath Or and Azure, an arc of thirteen stars with alternating rays of the first, a bald eagle volant descending with gaze to base, overall in base is a 9/11 Pentagon Memorial Bench with open end to dexter superimposed by another at the ground anchor point with open end to sinister, all in front of two 9/11 Pentagon Memorial Trees all Proper.

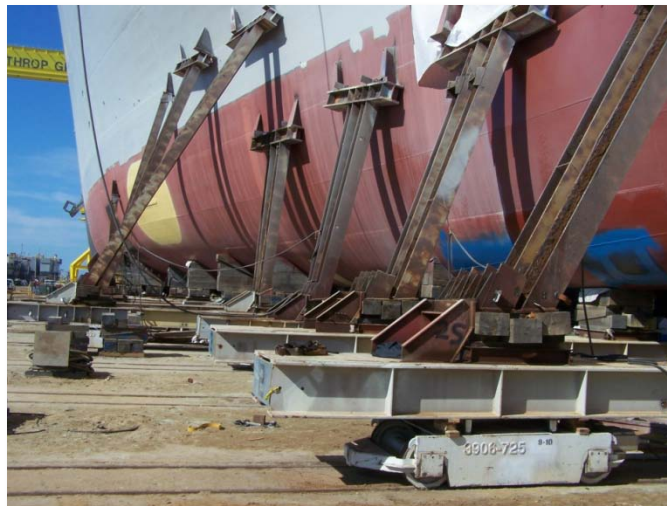
MOTTO: A tripartite scroll Azure doubled and inscribed "STRENGTH" "HONOR" "FORTITUDE" Or.

SUPPORTERS: Four swords, two and two saltirewise points down Proper. On dexter side a USN Chief Petty Officer cutlass and USN Officer sword: on sinister side USMC Officer and Non-Commissioned Officer swords.

SEAL: The coat of arms as blazoned in full color upon a white oval enclosed by a blue collar edged on the outside with a gold rope bearing the inscription "USS ARLINGTON" at top and in base "LPD 24" in gold letters. The rope has 184 twists, one for each of the lives lost at the Pentagon on September 11, 2001.



Production Photos



USS ARLINGTON (LPD 24)