
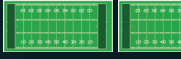





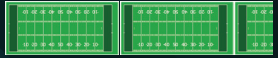

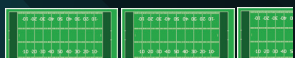










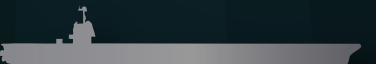
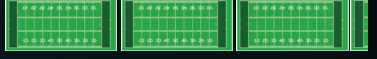




EVOLUTION OF THE U.S. NAVY AIRCRAFT CARRIER

SOURCES: "DICTIONARY OF AMERICAN NAVAL FIGHTING SHIPS" NAVAL HISTORY AND HERITAGE COMMAND ; "U.S. AIRCRAFT CARRIERS: AN ILLUSTRATED DESIGN HISTORY" BY NORMAN FRIEDMAN. GRAPHICS: ANNALISA UNDERWOOD, JAMES CAIELLA.

HISTORY.NAVY.MIL

	SPEED	CREW	LENGTH	# OF AIRCRAFT	FACILITIES	NOTABLE
 USS LANGLEY (CV 1) 1922	15.5 KNOTS (17.8 MPH)	468 PERSONNEL	 542 FT	36	1 ELEVATOR 1 CATAPULT	U.S. NAVY'S 1ST AIRCRAFT CARRIER
 LEXINGTON CLASS 1927	33.3 KNOTS (38.3 MPH)	2,791 PERSONNEL	 888 FT	78	2 ELEVATORS 1 CATAPULT	1ST USE OF BULBOUS BOW
 USS RANGER (CV 4) 1934	29.3 KNOTS (33.7 MPH)	2,461 PERSONNEL	 769 FT	86	3 ELEVATORS 3 CATAPULTS	1ST U.S. NAVY CARRIER BUILT FROM KEEL UP
 YORKTOWN CLASS 1937	32.5 KNOTS (37.4 MPH)	2,919 PERSONNEL	 809 FT	90	3 ELEVATORS 2 CATAPULTS	1ST USE OF HYDRAULIC CATAPULTS
 ESSEX CLASS 1942	32.7 KNOTS (37.6 MPH)	3,448 PERSONNEL	 872 FT	90- 100	3 ELEVATORS (1 DECK-EDGE) 0 CATAPULTS ON CV 9 OTHERS, 1-2	1ST USE OF ANGLED DECK USS ANTIETAM (CVA 36)
 MIDWAY CLASS 1945	33.0 KNOTS (38.0 MPH)	4,675 PERSONNEL	 972 FT	130	3 ELEVATORS 2 CATAPULTS	1ST USE OF ARMoured FLIGHT DECK
 FORRESTAL CLASS 1955	33.0 KNOTS (38.0 MPH)	4,000+ PERSONNEL	 1,036 FT	90	4 ELEVATORS 4 CATAPULTS	1ST CLASS OF "SUPER- CARRIERS"
 USS ENTERPRISE (CVN 65) 1961	33.6 KNOTS (38.7 MPH)	4,600 PERSONNEL	 1,101 FT	90	4 ELEVATORS 4 CATAPULTS	1ST NUCLEAR- POWERED CARRIER; WORLD'S LONGEST SHIP
 USS JOHN F. KENNEDY (CVA 67) 1968	34.0 KNOTS (39.1 MPH)	4,950 PERSONNEL	 1,047 FT	70+	4 ELEVATORS 4 CATAPULTS	LAST CONVEN- TIONALLY POWERED U.S. NAVY AIRCRAFT CARRIER
 NIMITZ CLASS 1975	31.5 KNOTS (36.2 MPH)	4,582 PERSONNEL	 1,092 FT	90	4 ELEVATORS 4 CATAPULTS	UTILIZES CATOBAR LAUNCH AND RECOVERY SYSTEM
 GERALD R. FORD (CVN 78) 2016	30+ KNOTS (35+ MPH)	4,297 PERSONNEL	 1,092 FT	75+	3 ELEVATORS 4 CATAPULTS	WILL ALLOW FOR 25% MORE SORTIES PER DAY THAN NIMITZ CLASS