






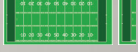





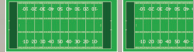




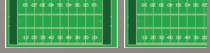




# EVOLUTION OF THE U.S. NAVY DESTROYERS

HISTORY.NAVY.MIL

	SPEED	CREW	LENGTH	ARMAMENT*	POWER	NOTABLE
 <b>BAINBRIDGE CLASS 1899</b>	28.1 KNOTS (32.3 MPH)	75 PERSONNEL	 250 FT	2x 3", 5x 6-PDR GUNS; 2x 18" TORPEDO TUBES (TT)	STEAM	U.S. NAVY'S FIRST CLASS OF DESTROYERS
 <b>WICKES CLASS 1918</b>	35.2 KNOTS (40.5 MPH)	100 PERSONNEL	 314 FT-	4x 4" GUNS; 2x 1-PDR GUNS; 12x 21" TT; 2x DEPTH CHARGE TRACKS	STEAM TURBINE	DESTROYERS OF WWI ERA
 <b>SIMS CLASS 1939</b>	35+ KNOTS (40.2+ MPH)	241 PERSONNEL	 348 FT-	4x 5" GUNS; 8x 21" TT	STEAM TURBINE	LAST OF THE ONE-STACK DESTROYER DESIGN
 <b>FLETCHER CLASS 1942</b>	36.0 KNOTS (41.4 MPH)	273 PERSONNEL	 376 FT-	5x 5" GUNS; 10x 21" TT; 6x DEPTH CHARGE PROJECTORS; 2x DEPTH CHARGE TRACKS	STEAM TURBINE	DESTROYERS OF WWII ERA
 <b>FORREST SHERMAN CLASS 1955</b>	30.0 KNOTS (34.5 MPH)	324 PERSONNEL	 418 FT-	3x 5", 4x 3" GUNS; 4x 21" TT; 1x DEPTH CHARGE TRACK	STEAM TURBINE	BASIS OF GUIDED MISSILE DESTROYERS; FOUR IN CLASS CONVERTED TO DDGs
 <b>CHARLES F. ADAMS CLASS 1960</b>	30.0 KNOTS (34.5 MPH)	354 PERSONNEL	 437 FT-	RIM TARTAR SURFACE-TO-AIR MIS.; 2x 5" GUNS	STEAM TURBINE	FIRST CLASS DESIGNED TO SERVE AS GUIDED MISSILE DESTROYERS
 <b>SPRUANCE CLASS 1975</b>	30.0 KNOTS (34.5 MPH)	250 PERSONNEL	 563 FT-	2x 5" GUNS; ASROC; SEA SPARROW; 2x MK 32 TT	GAS TURBINE	FIRST GAS TURBINE DESTROYERS
 <b>KIDD CLASS 1981</b>	33.0 KNOTS (38.0 MPH)	363 PERSONNEL	 563 FT-	2x 5" GUNS; MR STANDARD MIS.; 8x HARPOON MIS.; 2x PHALANX CIWS; 2x MK 32 TT; 1x ASROC	GAS TURBINE	BUILT TO ENDURE SAND AND DUST OF DESERT AREAS
 <b>ARLEIGH BURKE CLASS 1991</b>	30+ KNOTS (34.5+ MPH)	356 PERSONNEL	 505 FT-	1x 5", 4x .50 CAL. GUNS; 2x MK 41 VLS FOR TOMAHAWK & STANDARD MIS.; (SM-2MR) STANDARD MIS.; VLA; 8x HARPOON MIS.; 2x CIWS; 6x MK 32 TT; 1x LAMPS; ESSM	GAS TURBINE	FIRST DESTROYER EQUIPPED WITH THE AEGIS WEAPONS SYSTEMS
 <b>ZUMWALT CLASS 2015</b>	30.0 KNOTS (34.5 MPH)	148 PERSONNEL	 610 FT-	80x AVLS CELLS FOR TOMAHAWK, ESSM, STANDARD MIS.; 2x AGS 155 MM GUNS; LONG-RANGE LAND ATTACK PROJECTILES 155 MM ROUNDS; 2x MK 46 CLOSE-IN GUNS	INTEGRATED POWER SYSTEM (IPS)	FIRST U.S. NAVY SHIP TO USE IPS

\*ARMAMENT KEY: PDR= POUNDER; MIS.= MISSILE; TT= TORPEDO TUBES; ASROC= ANTISUBMARINE ROCKET LAUNCHER; CIWS= CLOSE-IN WEAPON SYSTEM; LAMPS= LIGHT AIRBORNE MULTIPURPOSE SYSTEM; MR= MEDIUM RANGE; VLS= VERTICAL LAUNCH SYSTEM; VLA= VERTICAL LAUNCH ASROC; AVLS= ADVANCED VLS; ESSM= EVOLVED SEA SPARROW MISSILES; AGS= ADVANCED GUN SYSTEM. SOURCES: "DICTIONARY OF AMERICAN NAVAL FIGHTING SHIPS," NAVAL HISTORY AND HERITAGE COMMAND; "U.S. DESTROYERS: AN ILLUSTRATED DESIGN HISTORY" BY NORMAN FRIEDMAN. GRAPHICS: MC1 CLIFFORD L.H. DAVIS AND ANNALISA UNDERWOOD, NHHC COMMUNICATION AND OUTREACH DIVISION.