

Capability

- · Top speed exceeds 30 knots
- · Powered by two nuclear reactors that can operate for more than 20 years without refueling
- · Expected to operate in the fleet for about 50 years
- · Carries over 80 combat aircraft
- · Three arresting cables can stop a 28-ton aircraft going 150 miles per hour in less than 400 feet

Size

- · Towers 20 stories above the waterline
- · 1,092 feet long; nearly as long as the Empire State Building is tall
- · Flight deck covers 4.5 acres
- · 4 bronze propellers, each 21 feet across and weighing 66,200 pounds
- · 2 rudders, each 29 by 22 feet and weighing 50 tons
- · 4 high speed aircraft elevators, each over 4,000 square feet

Capacity

- · Home to about 6,000 Navy personnel
- · Carries enough food and supplies to operate for 90 days
- · 18,150 meals served daily
- · Distillation plants provide 400,000 gallons of fresh water from sea water daily, enough for 2,000 homes
- · Nearly 30,000 light fixtures and 1,325 miles of cable and wiring
- · 1,400 telephones, 14,000 pillowcases and 28,000 sheets

Source: U.S. Navy



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[Aircraft carrier]

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