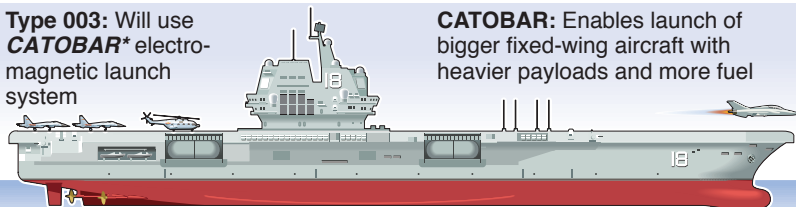


China's aircraft carrier fleet

China has launched its third aircraft carrier, the domestically designed and built *Fujian*, an advanced Type 003 ship featuring a full-length flight deck with a catapult launch system

Type 003: Will use **CATOBAR*** electro-magnetic launch system

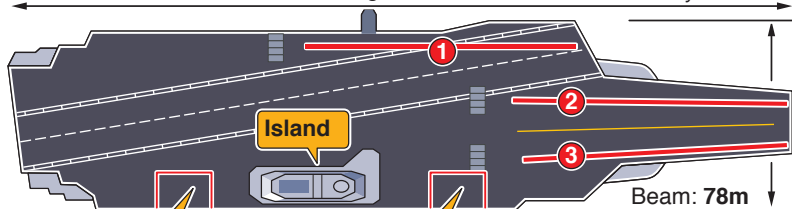
CATOBAR: Enables launch of bigger fixed-wing aircraft with heavier payloads and more fuel



Catapults (x3)

Length: 320m

*Catapult Assisted Take-Off But Arrested Recovery



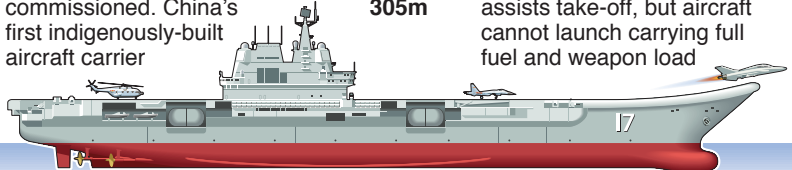
Elevators (x2): Move aircraft between hangar and flight deck

Island: Command centre for flight deck and ship operations

2019: Type 001A *Shandong* commissioned. China's first indigenously-built aircraft carrier

Length: 305m

Ski-jump: 12-degree ramp assists take-off, but aircraft cannot launch carrying full fuel and weapon load

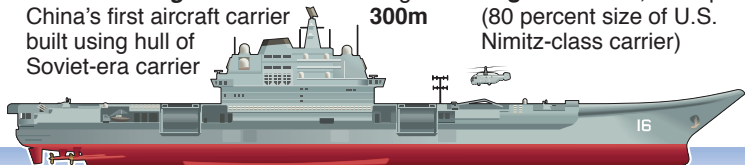


Displacement: 70,000 tonnes **Speed:** 31 knots (57km/h) **Crew:** 2,250 (est)

2012: *Liaoning* commissioned. China's first aircraft carrier built using hull of Soviet-era carrier

Length: 300m

Flight deck: 14,700 sq m (80 percent size of U.S. Nimitz-class carrier)



Displacement: 66,000 tonnes **Speed:** 29 knots (53km/h) **Crew:** 1,960