

# China building second aircraft carrier

Chinese officials have confirmed that construction of the country's first indigenous aircraft carrier is underway, according to a number of Chinese and Taiwanese media sources

Length	315 metres
Width	75 metres
Displacement	65,000 tonnes
Speed	31 knots (57km/h)
Due date	2020

**Design:** Believed to be significant upgrade over China's first aircraft carrier *Liaoning*

**Propulsion:** Smokestack shape suggests gas turbines, or diesel/gas combination, instead of steam power

**Active phased array radar**  
Long-range detection and tracking, similar to U.S. *Aegis* system

## CARRIER COMPARISON

 **Nimitz**  
*United States*

 **New carrier**  
*China*

 **Liaoning**  
*China*

 **Queen Elizabeth**  
*UK*

 **Charles de Gaulle**  
*France*

**Ski-jump:** Assists take-off. Carrier may also have two catapults for launching planes

