

Boeing 777X



Boeing 777X aircraft family



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- ▶ The 777X is Boeing's newest family of wide-body aircraft. The 777X will be the largest and most fuel-efficient twin-engine airliner in the world. The 777X family includes the 777-8 and 777-9. The 777-8 is a direct competitor to the A350-1000 and the 777-9 is the only one in its class.

Features of the Boeing 777X

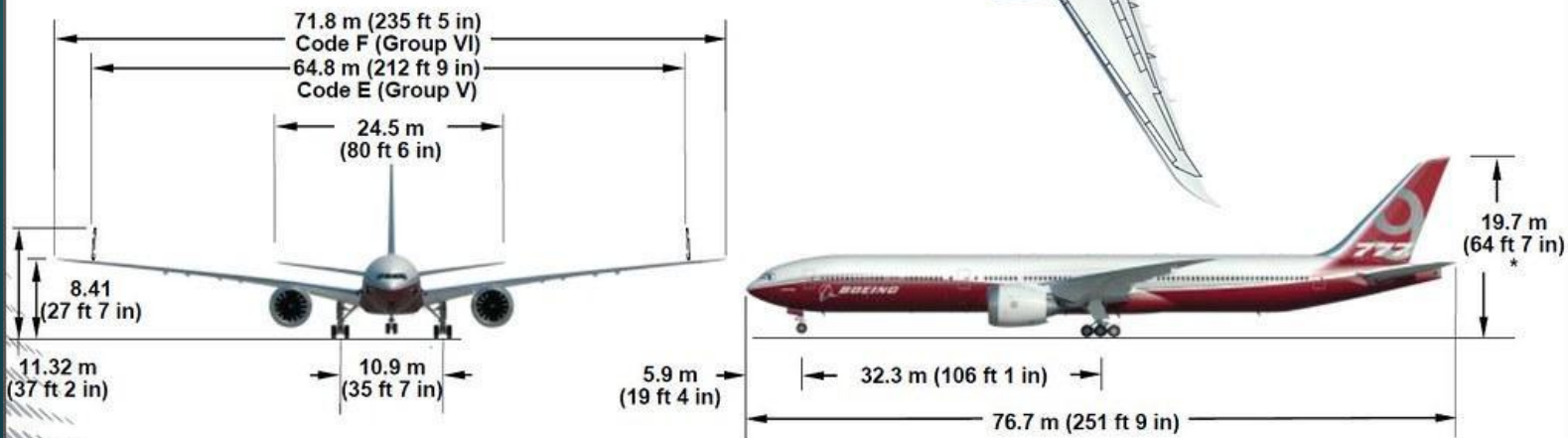


Features of the Boeing 777X

777-9X General Arrangement

777-300ER
(black)
compared
to the 777-9X

The folded wing has the same
wingspan as the 777-300ER



* Estimate maximum tail height under normal loading conditions

Features of the Boeing 777X

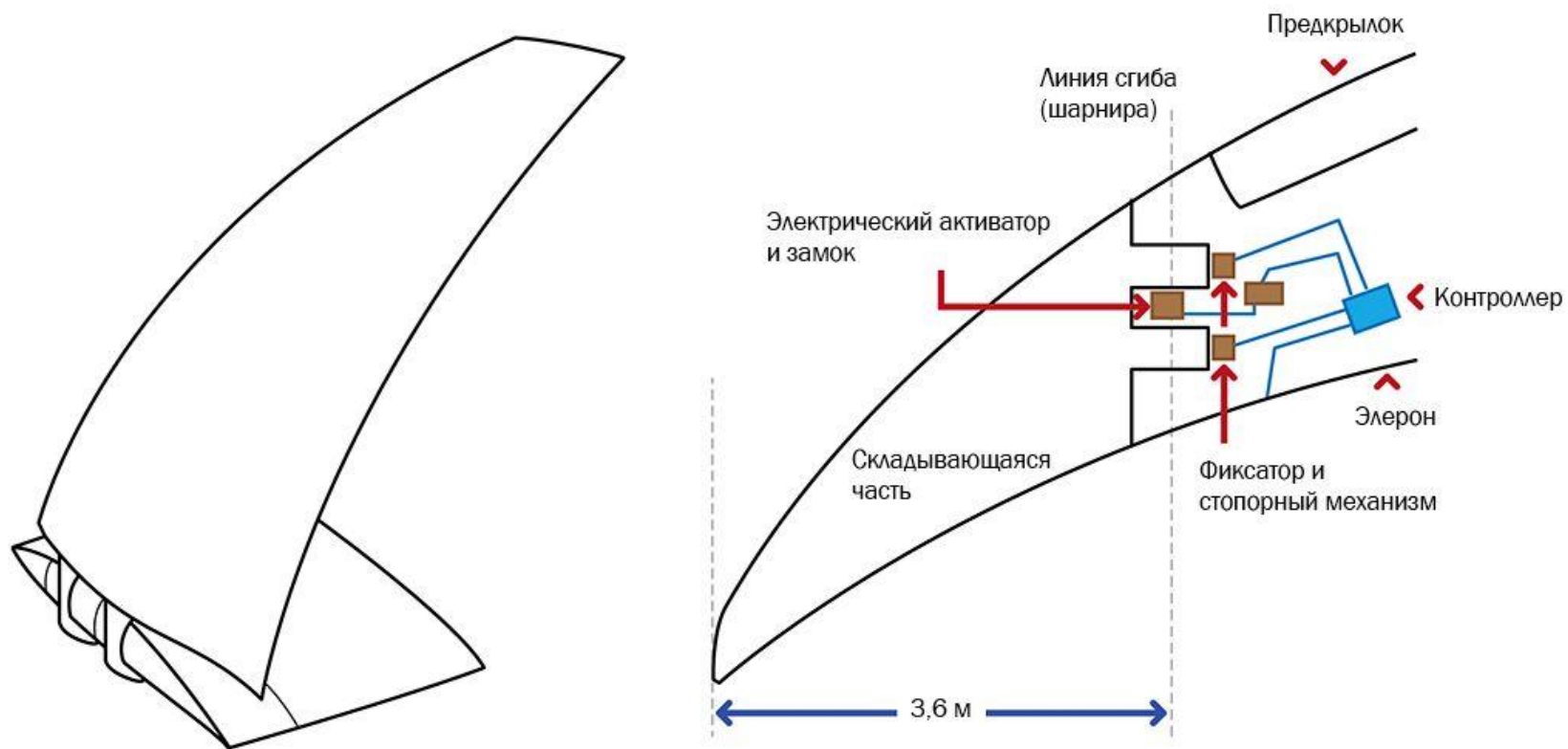
- ▶ The wingspan of this aircraft is 71.75 meters. the best indicator among all civil aviation aircraft. The main feature of the wing is that it can fold the tips. This allows you to reduce the wingspan to 64.82 meters. This is required primarily so that they can fit in classic aircraft hangars.
- ▶ This aircraft is also considered the longest passenger aircraft. Its length is 76.72 meters(777-9X). This is 20 cm longer than the current longest Boeing 747-8 and 4 meters longer than the Airbus A380.

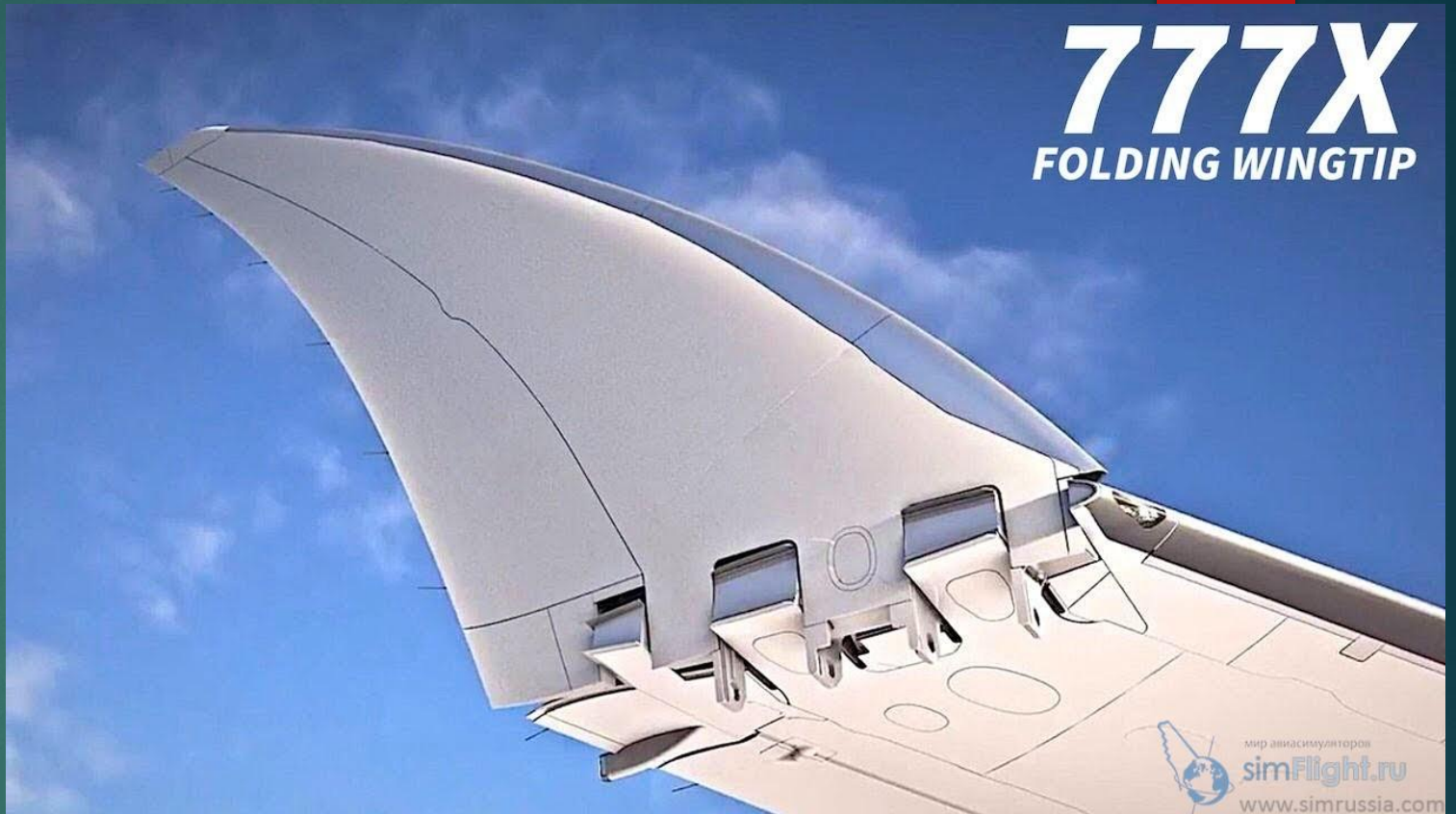
technical specifications

	777-8	777-9
List Price	\$410.2 million	\$442.2 million
Program Launch	November 2013	
Seats (Typical 2-class)	384	426
Range	Up to 8,730 nmi (16,170 km)	7,285 nmi (13,500 km)
Length	229 feet (69.79 m)	251 feet, 9 in (76.72 m)
Wingspan	Extended: 235 feet, 5 in (71.75 m) On ground: 212 feet, 8 in (64.82 m)	
Cabin	Spacious and comfortable, 16 in. wider than the competition; new customizable architecture; and comfort innovations from the 787 Dreamliner (more)	
Configuration	Twin-aisle (widebody)	
Engine	GE9X , supplied by GE Aviation	

Features of folding tips

Складывающиеся законцовки крыла Boeing 777X





777X

FOLDING WINGTIP

Features of folding tips

- ▶ The 777X foldable wingtips are 3.5m long and are electrically foldable. In extreme positions, the movable segment is fixed by a special locking mechanism.
- ▶ They can be set to fold automatically when the aircraft slows down to 90 km/h on landing, with the folding process taking about 20 seconds.
- ▶ Several safety mechanisms are built into the aircraft to prevent it from taking off with folded wingtips.

Thank you for your attention!

