



PARIS AIR SHOW 2013

Boeing Twin-Aisle Development

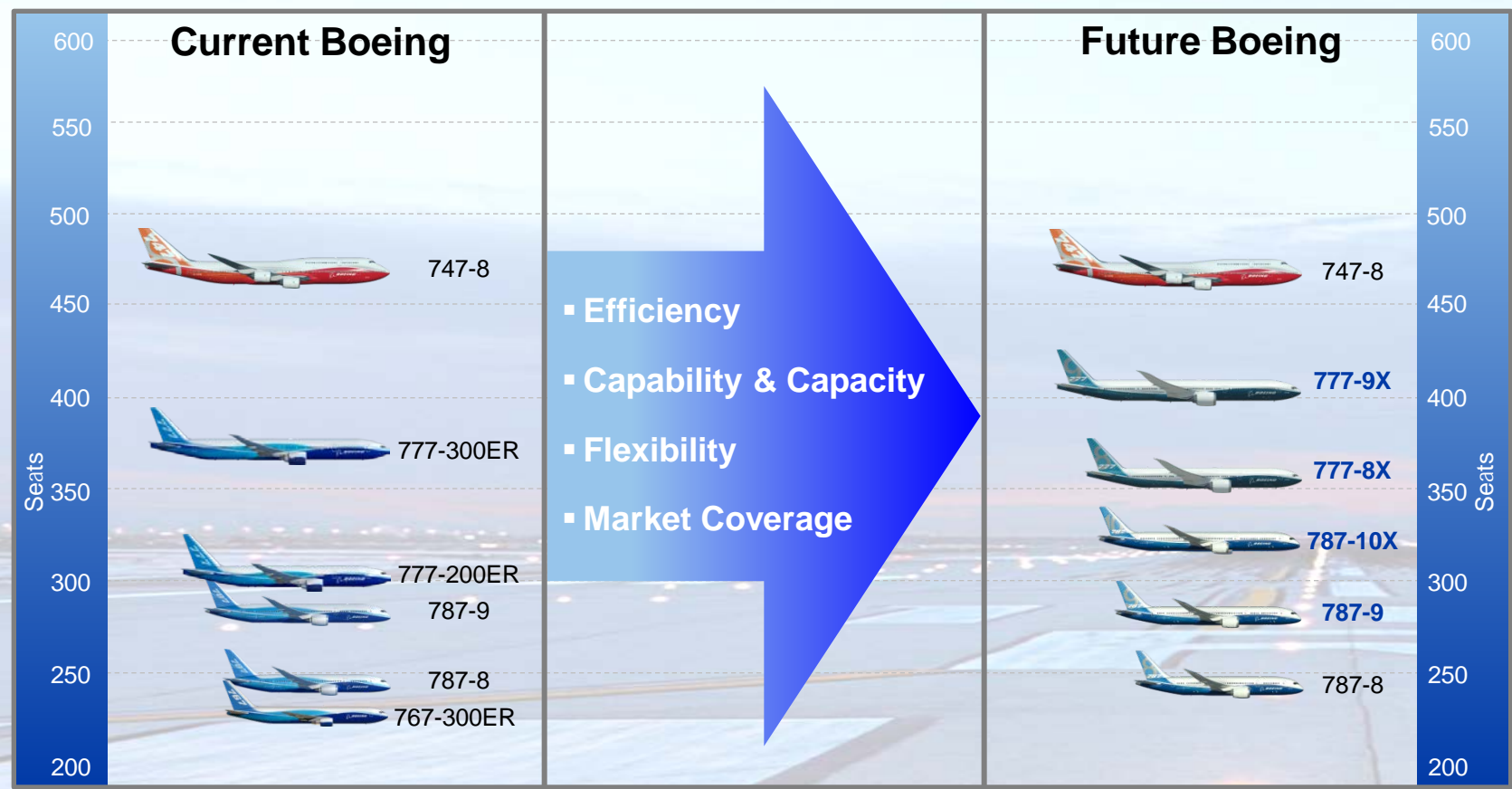
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Airplane Development

18 June 2013

Advancing the Value of the Leading Twin-Aisles




Superior value, efficient market coverage

Advancing the Value of the Leading Twin-Aisles



Superior value, efficient market coverage



Why Boeing
twin-aisles are
essential to the ideal
fleet

Airplanes that provide comprehensive market coverage

Designs that deliver the lowest operating costs and highest profitability

Interiors and exteriors that surprise and delight passengers and crews

Dedicated to uncompromising advancements in efficient performance

The Boeing 787 Dreamliner Family



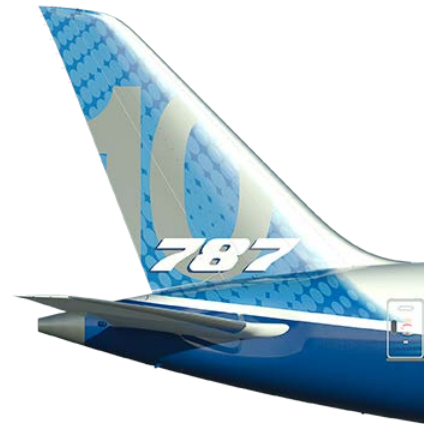
Route opener

- Opens new long, thin markets
- 20% lower fuel burn, emissions
- Revolutionary passenger experience
- Replaces A330-200



Growth vehicle

- Leverages visionary 787-8 design
- Grows routes opened by the 787-8
- Adds seats and range
- Replaces A330/A340



Efficiency machine

- Optimized for commonality with the 787-9
- Unmatched fuel efficiency, operating costs
- Replaces A330/A340
- Outperforms A350-900

The 787-9 Dreamliner

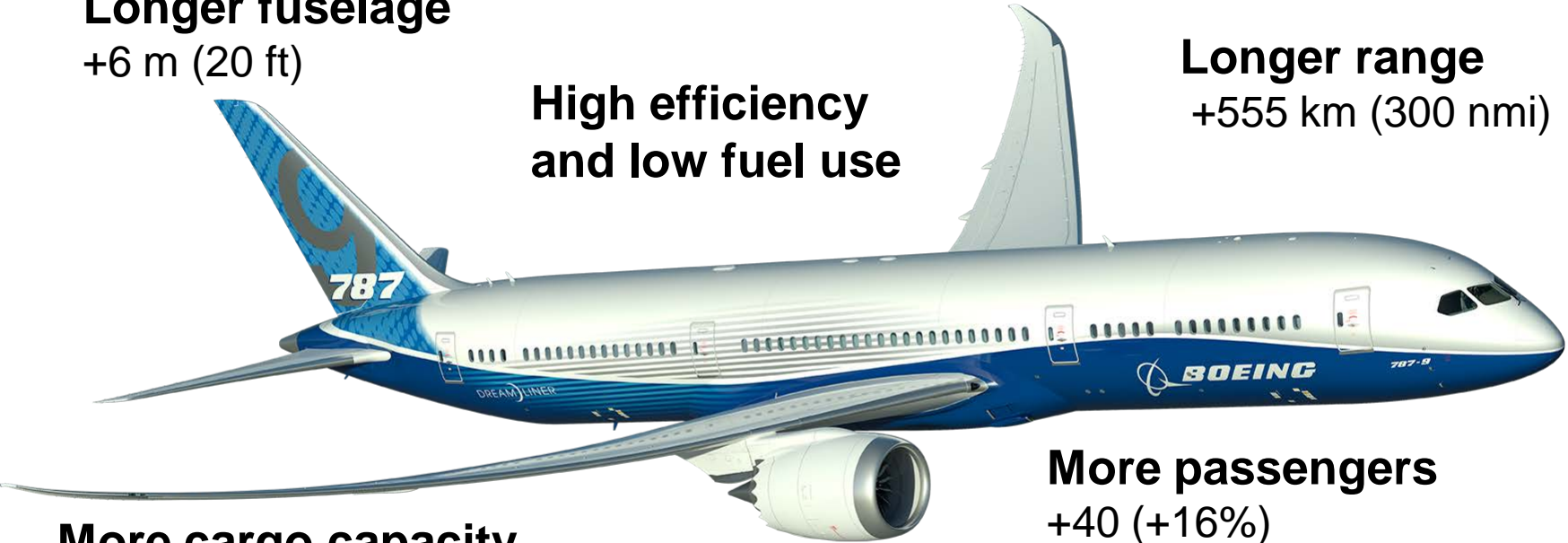
Longer fuselage

+6 m (20 ft)

High efficiency and low fuel use

Longer range

+555 km (300 nmi)



More cargo capacity

Forward: +1 pallet or +4 LD-3s

Aft: +1 pallet & 2 LD-3s
or +4 LD-3s

More passengers

+40 (+16%)

	787-8	787-9
MTOW	227,930 kg (502,500 lb)	250,830 kg (553,000 lb)
Passengers	210-250	250-290
Range	15,200 km (≤8,200 nmi)	15,750 km (≤8,500 nmi)

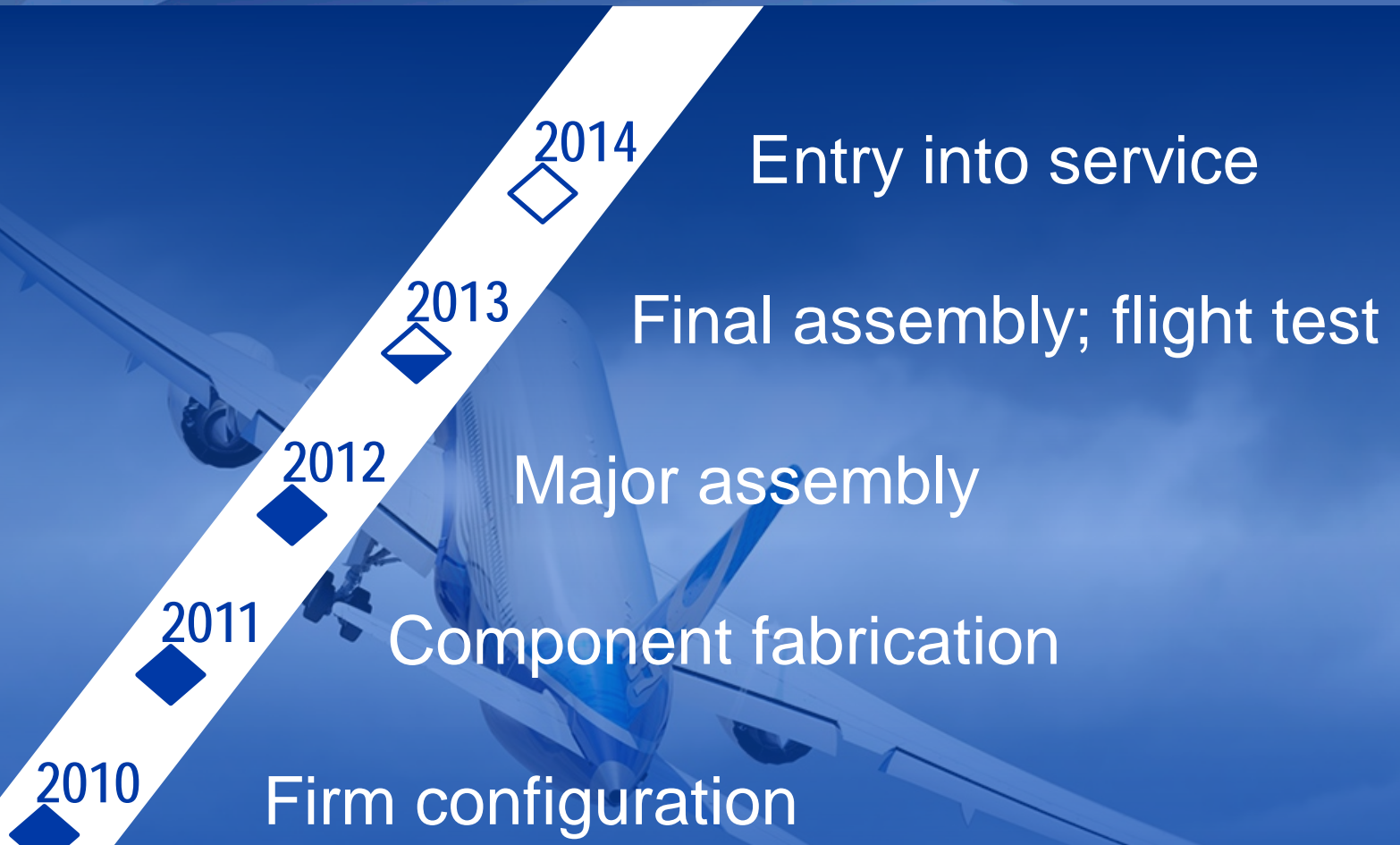
Advancing the 787 family

787-9 On Track

- **First 787-9 in final assembly**
- **All flight-test airplanes in major assembly; on plan for first flight later this year**
- **Continuous advancements in manufacturing**
- **Airplane performance continues to improve**



787-9 Timeline



The New 787-10X Dreamliner

Longer fuselage

+5.5 m (18 ft)

Robust range capability

12,964 km (7,000 nmi)



More cargo capacity

Forward: +1 pallet or +2 LD-3s

Aft: +1 pallet or +2 LD-3s

More passengers

+40 (+15%)

	787-9	787-10X
MTOW	250,830 kg (553,000 lb)	250,830 kg (553,000 lb)
Passengers	250-290	300-330
Range	15,750 km (≤8,500 nmi)	12,964 km (7,000 nmi)

Best in-class efficiency, covers 90%+ of twin-aisle routes

787-10X Timeline



The 777X

**New interior, more-comfortable
10-abreast seating**

**Advanced flight
deck avionics,
787 commonality**

Lower community noise

**New advanced GE engine
with Laminar Flow Nacelles**

**Larger, fourth-generation
composite wing**

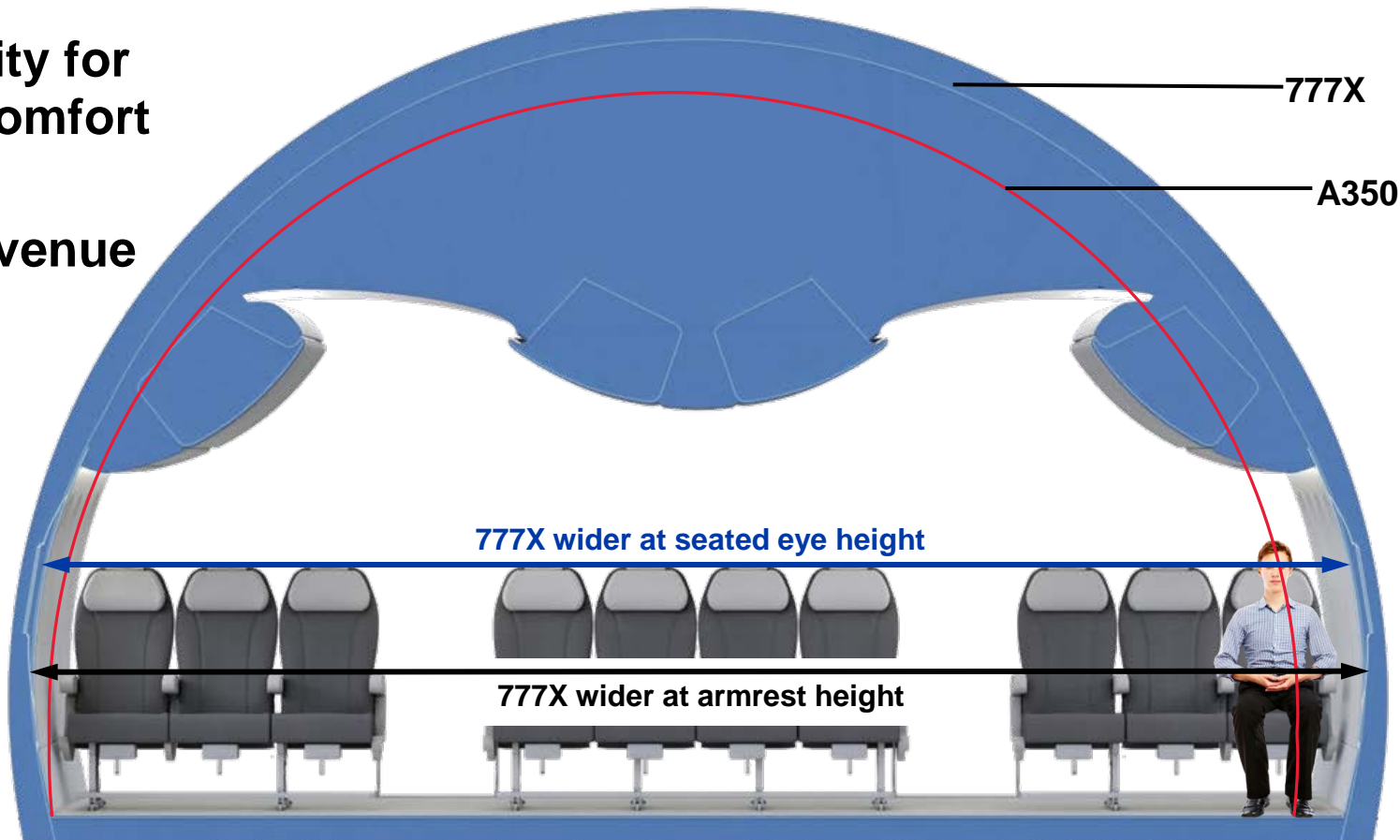


	777-8X	777-9X
Passengers	~350	~400

Improving on the world's best twin-aisle airplane

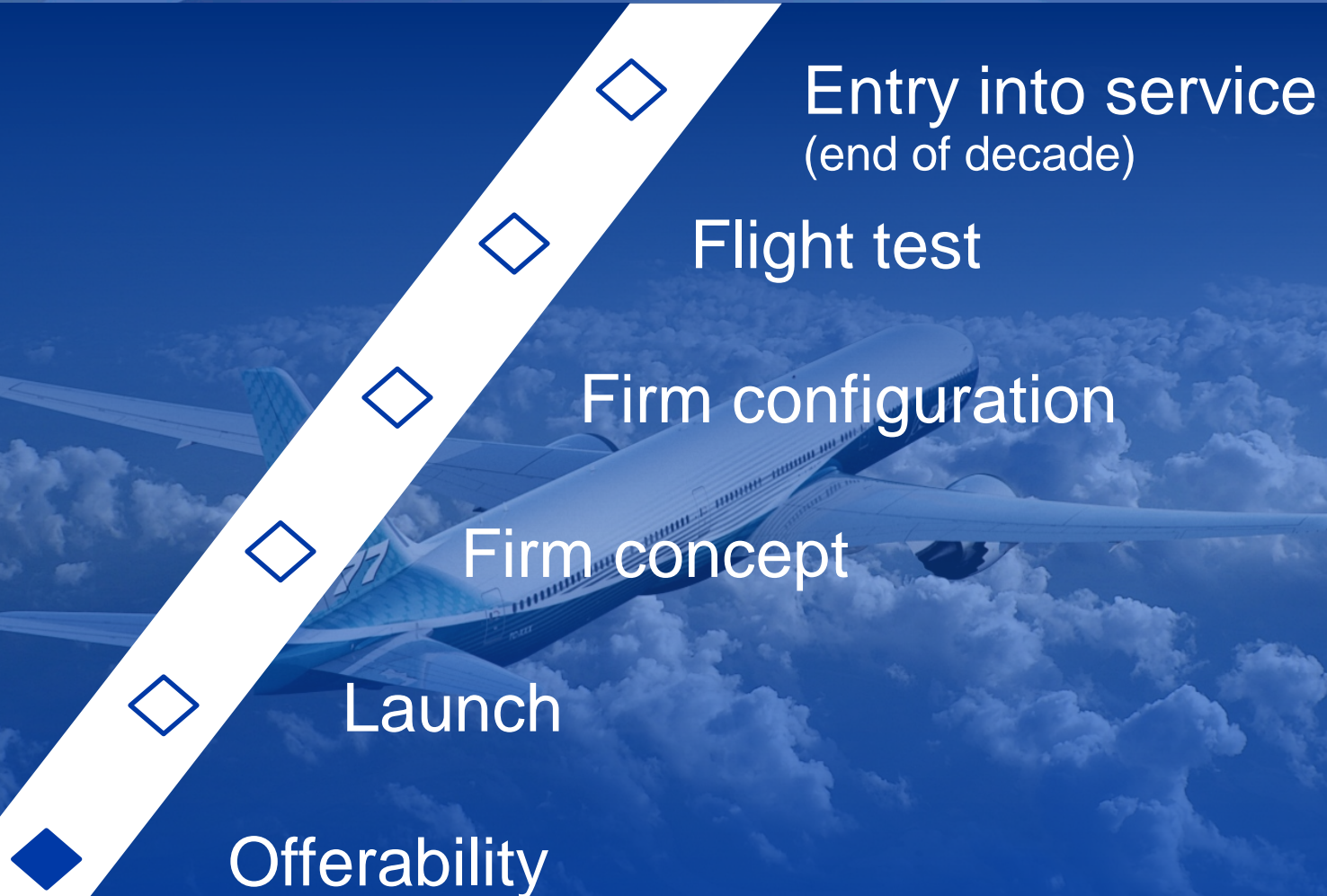
777X: Widest Cabin in its Class

- More flexibility for passenger comfort
- Maximum revenue capability
- 11% more cabin area than A350
- Responding to market needs



Advancing the passenger experience

777X Timeline



Most Complete Twin-Aisle Family for Market Requirements

- 747-8 in-service performance exceptional
- 787-8 delivering efficiency
- 787-9 on track for first flight
- 787-10X higher capacity, amazing economics
- 777-8X outstanding economics & flexibility
- 777-9X designed for the heart of the market



Efficiency, economics and range

