



747-81

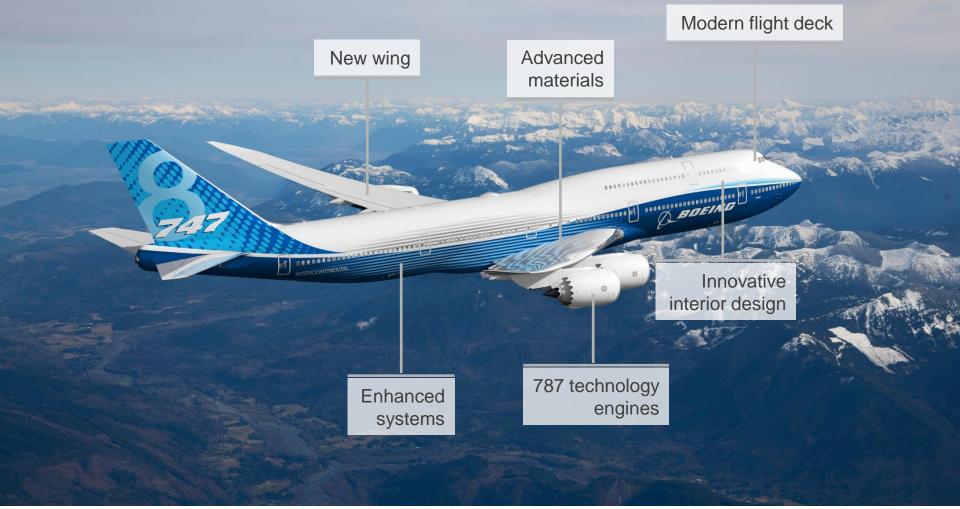
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Advanced technology for improved performance

Technology that matters

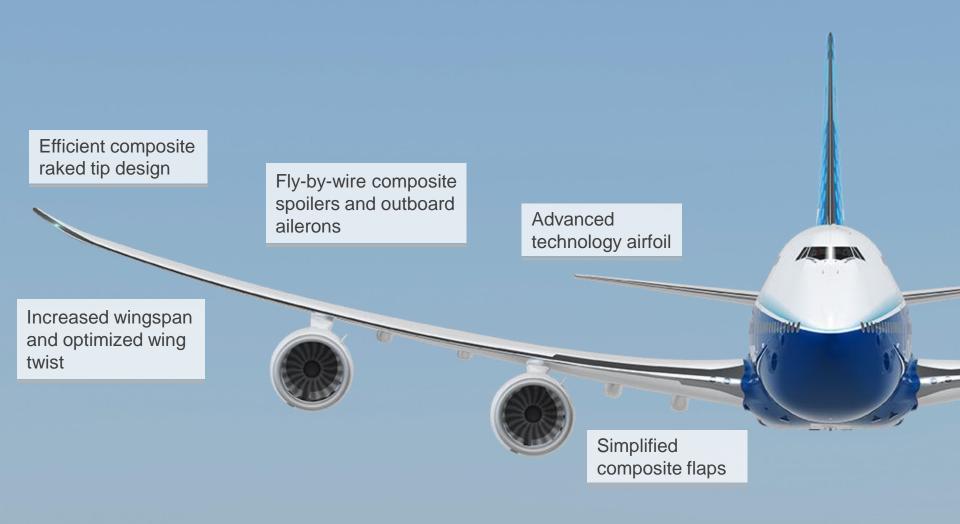


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747-8 New wing design inspired by the 787

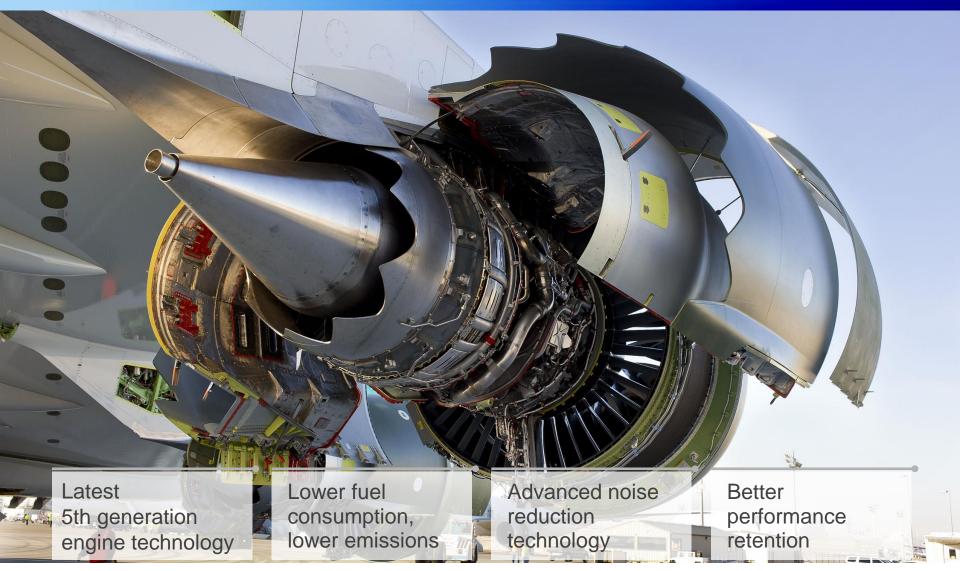


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787 generation engines improve fuel efficiency

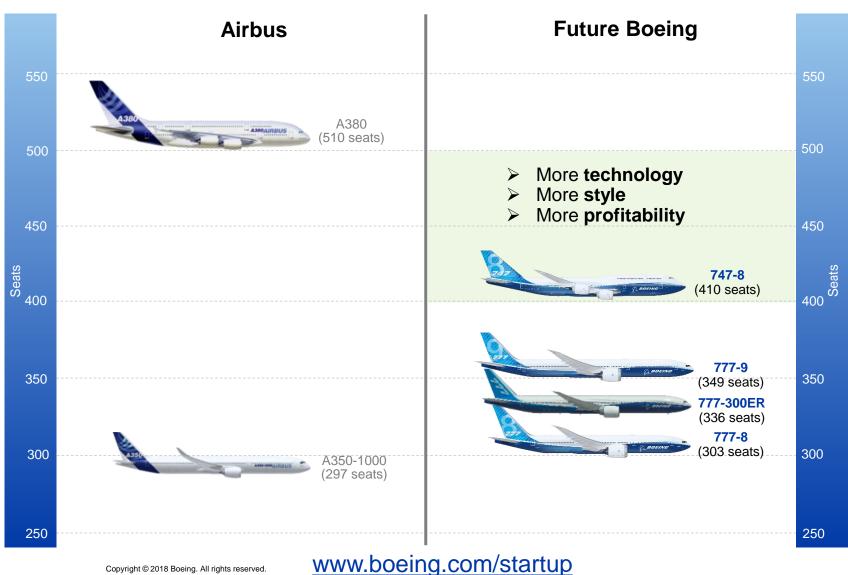
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The Boeing widebody airplane family

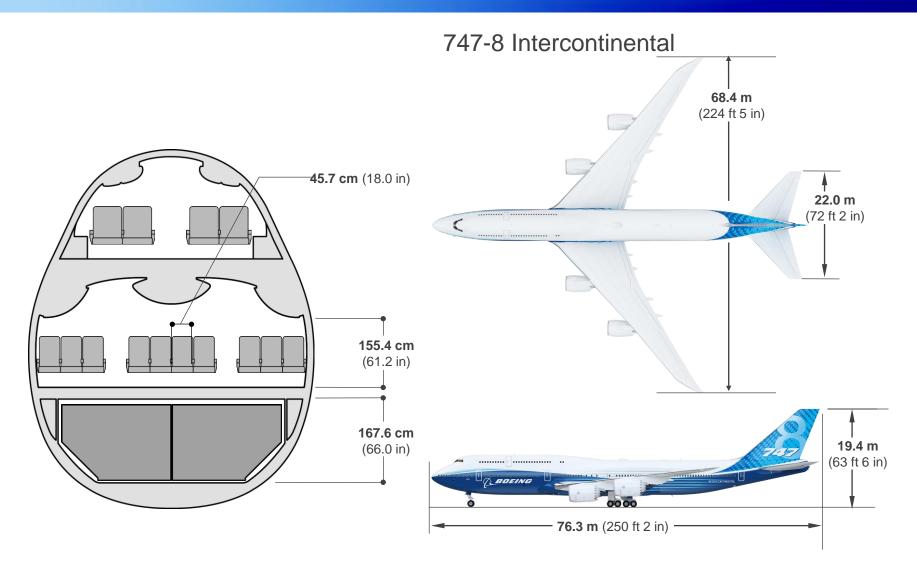
747-8 Intercontinental is in a class of its own

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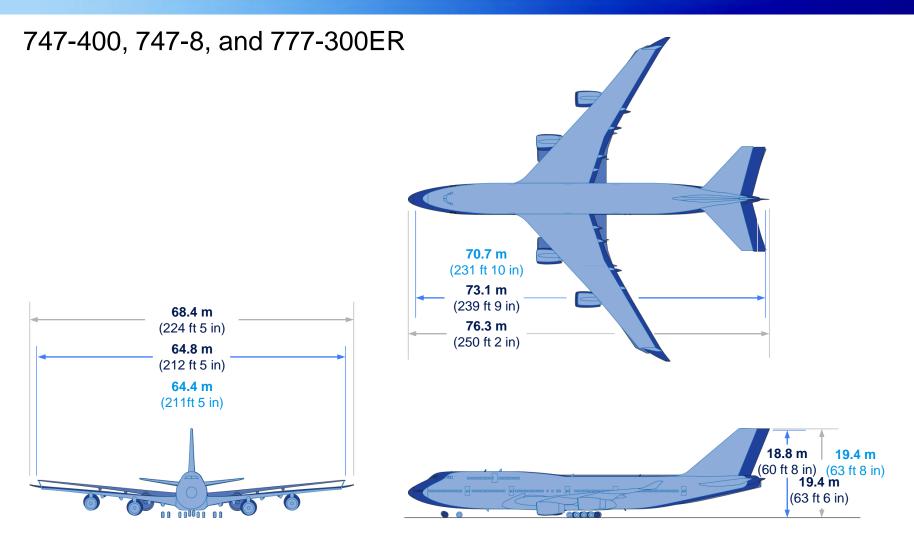
747-8 cross section and dimensions

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Size comparison





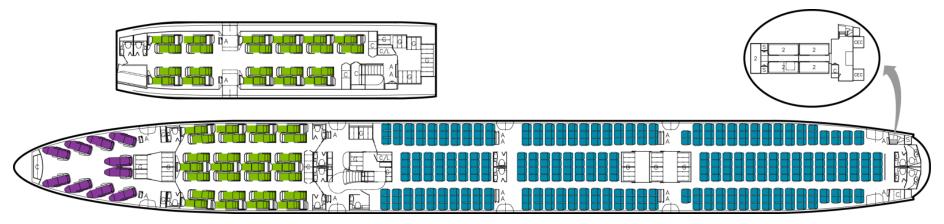
747-8 Interior arrangement

747-8 Intercontinental

10 first-class seats50 business-class seats350 standard-economy seats

Overhead cabin crew rest

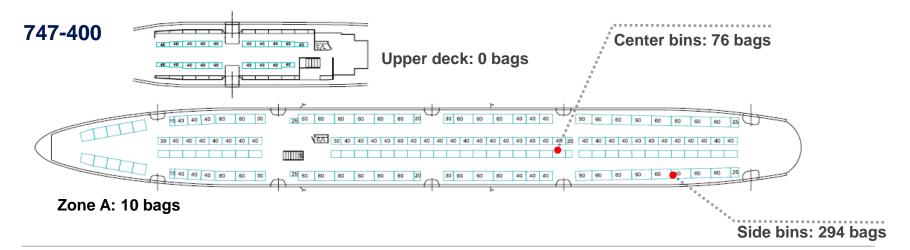
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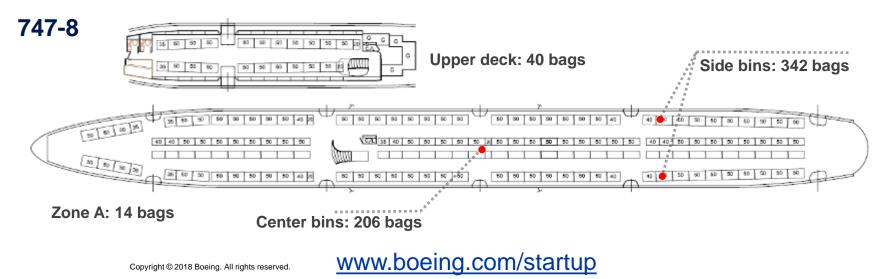


410 passengers

747-8 carries 58% more bags overhead than 747-400 StartupBoeing

A place for everyone's bag

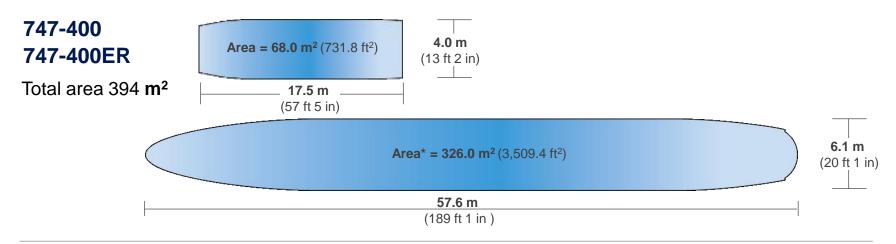


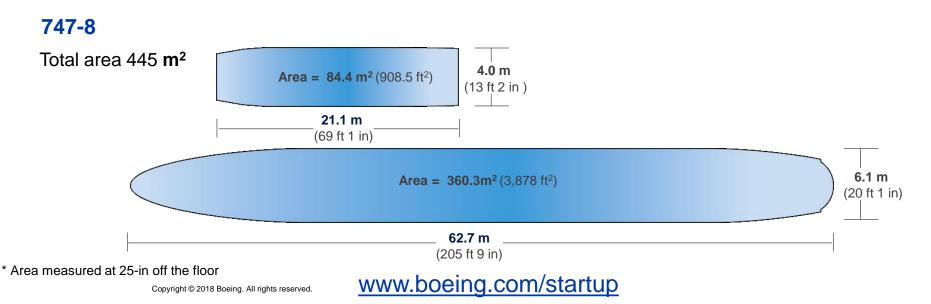


Increased cabin area for greater passenger comfort



13% more cabin area than the 747-400





Interior design with the passengers in mind



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Unmatched and private first class experience







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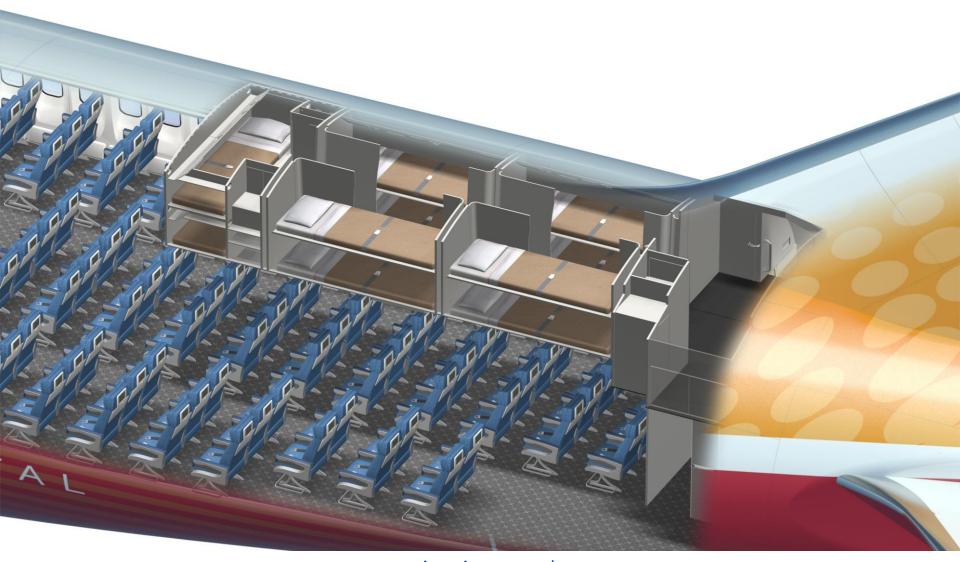
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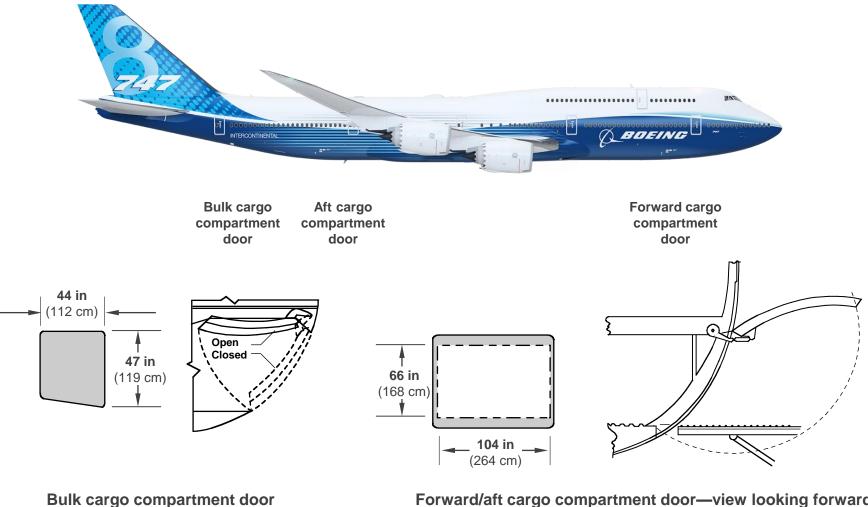
747-8 cabin crew rest similar to the 777





Lower hold cargo door arrangement

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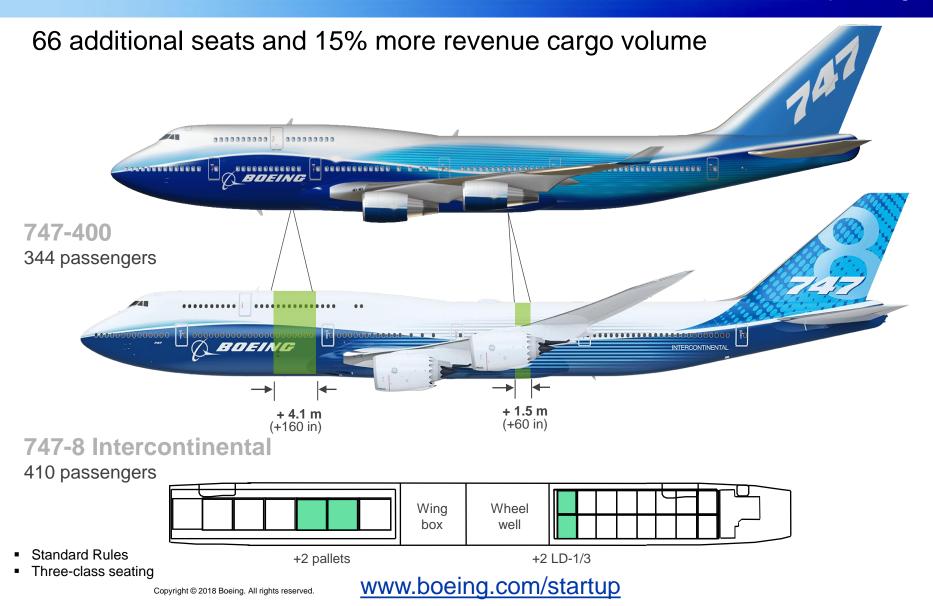


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Forward/aft cargo compartment door-view looking forward

Strategically sized to maximize revenue

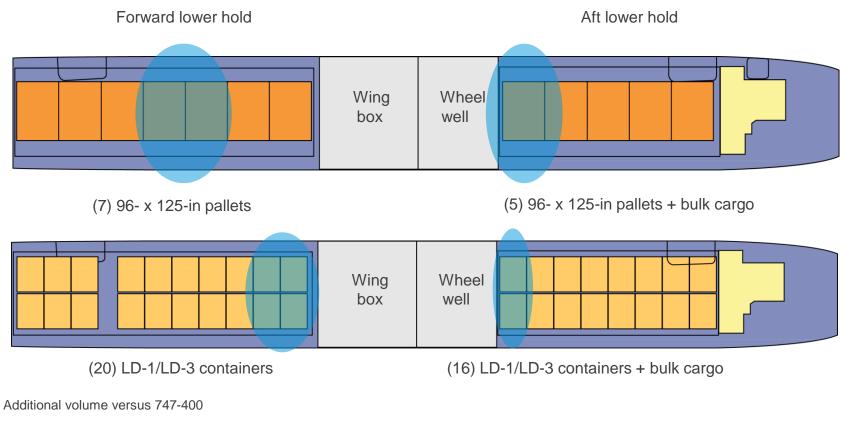
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Additional cargo volume for more revenue-generating opportunity

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747-8 Intercontinental carries 15% more revenue cargo than the 747-400

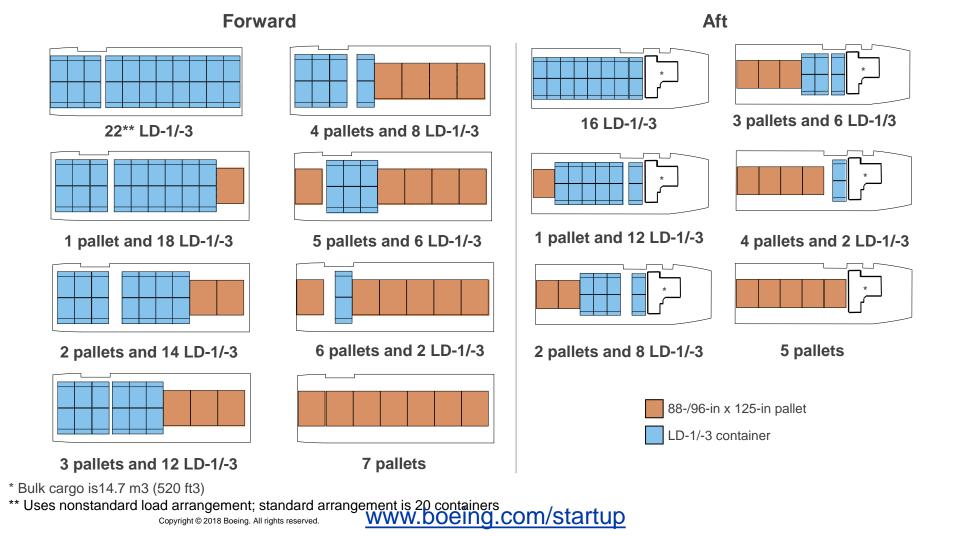


	Forward cargo volume m ³ (ft ³)	Aft cargo volume m ³ (ft ³)	Bulk cargo volume, m ³ (ft ³)	Total cargo volume, m ³ (ft ³)	Total cargo volume for passenger bags, m³ (ft³)	Revenue cargo volume after passenger bags, $m^3 (\mathrm{ft}^3)$
747-400	58.8 (2,075)	69.4 (2,450)	23.6 (835)	151.8 (5,360)	50.6 (1,789)	101.2 (3,571)
747-8	82.3 (2,905)	79.3 (2,800)	14.7 (520)	176.3 (6,225)	60.4 (2,132)	115.9 (4,093)

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Flexible cargo arrangements increase revenue capabilities StartupBoeing

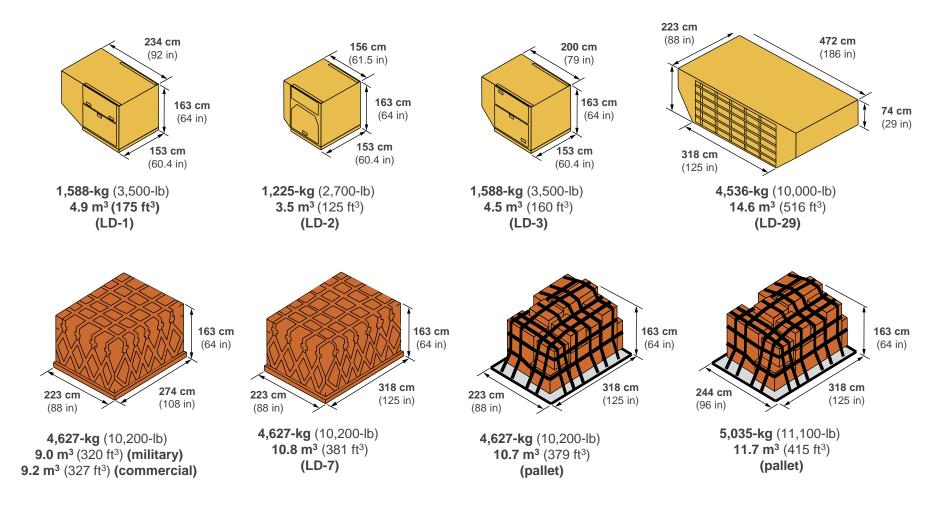
747-8 Intercontinental lower hold cargo arrangements



747-8 lower hold capability

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Containers and pallets



747-8 Intercontinental performance summary

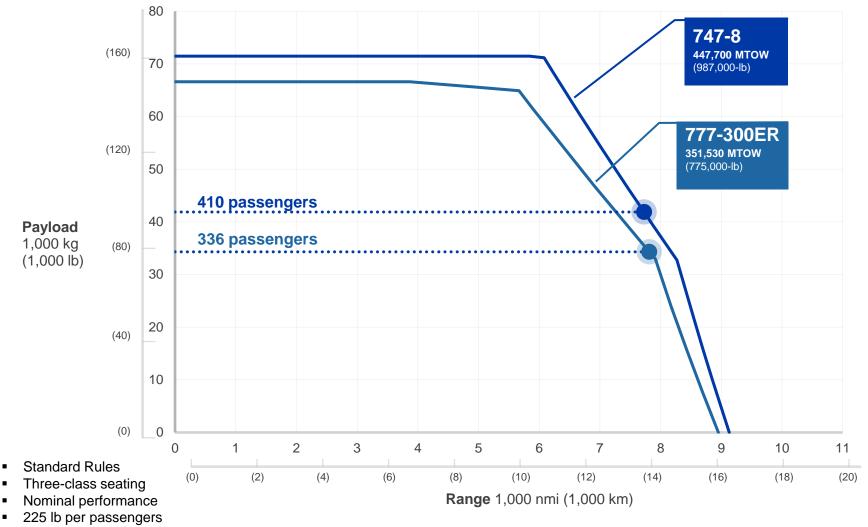
		747-8
Passengers	(FC/BC/EC)	410 (10/50/350)
Cargo	pallets/containers ²	7/16
Engines		GEnx-2B67
Boeing equivalent thrust/Flat-rated temperature	lb/°F	66, 500 / 8 6
Maximum taxi weight	kg (lb)	449,050 (990,000)
Maximum takeoff weight	kg (lb)	447,700 (987,000)
Maximum landing weight	kg (lb)	312,050 (688,000)
Maximum zero fuel weight	kg (lb)	295,300 (651,000)
Operating empty weight	kg (lb)	223,850 (493,500)
Fuel capacity	L (U.S. gal)	238,610 (63,034)
Design range	(MTOW, full passenger payload) nmi (km)	7,730 (14,310)
Cruise mach		0.86
Takeoff field length	(SL, 86°F, MTOW) m (ft)	3,260 (10,650)
Initial cruise altitude	(MTOW, ISA + 10°C) ft (m)	30,800 (9,350)
Landing field length	(MLW) m (ft)	2,000 (6,550)
Approach speed	(MLW) kias	152
Fuel burn/seat 3,000 nmi	kg (lb)	138.6 (305.6)
Fuel burn/seat 6,000 nmi	kg (lb)	295.7 (652.0)

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- Standard Rules
- Three class seating

747-8 Intercontinental carries more passengers

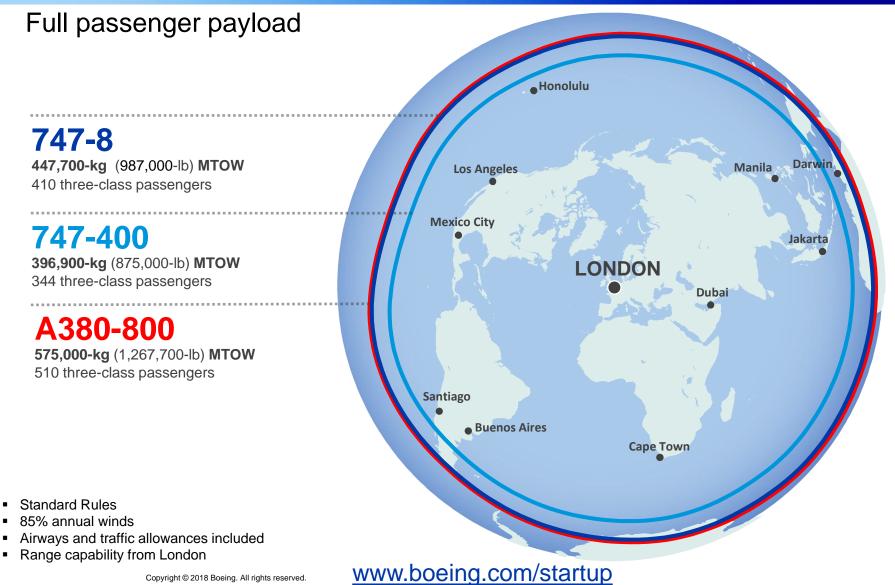




• 6.7 lb/US gal fuel density

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747-8 same range as the A380 with less risk



747-8 advanced flight deck offers operational commonality



Same type rating as the 747-400

3 days difference training

Customizable electronic checklist Airport Moving Map Advanced navigation aids

New flight management computer

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777 and 747-8 crew scheduling and flexibility



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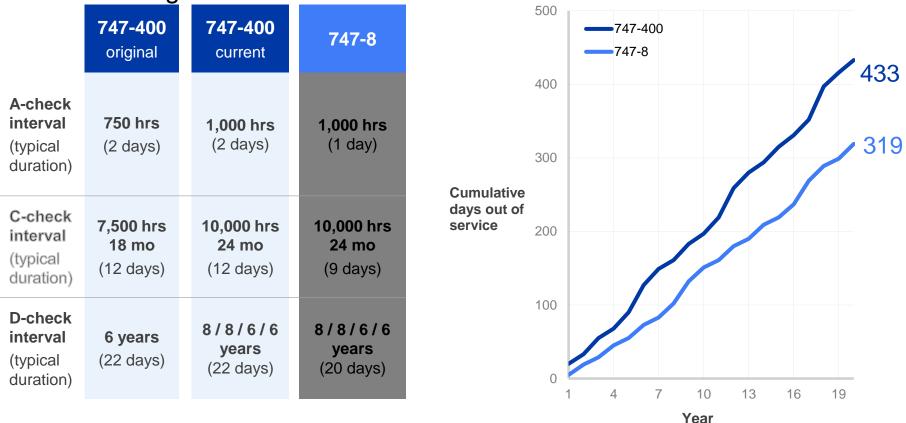
Instrument format and location are virtually identical



- STAR curriculums can be used for obtaining both Type Ratings.
- Similar Boeing flight deck configuration and flight crew procedures facilitate easy transition.1
- Comparable Takeoff and Landing currency enables crew scheduling flexibility.

Proven airframe increases check intervals StartupBoeing

747-8 enables greater asset utilizations

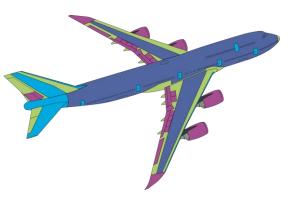


New material and system fine tuning reduces check duration Less maintenance tasks for a more capable airplane

Letter checks noted above for 747-8 are given for reference only. All tasks are parameter-driven.

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747-8 is cleaner, quieter, and more efficient StartupBoeing







 Advanced materials New GEnX
Engines

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New wing

18% reduction in carbon emissions and fuel used

Below CAEP/6 limits for NOx*

Quieter than Chapter 4 requirements

Compared with the 747-400, except for NOx and noise

