

777-300 performance summary

Pratt & Whitney engines

		Basic	Maximum ²
Passengers	(FC/BC/EC)	368 (30/84/254)	
Cargo	pallets/containers ¹	8/20	
Engines		PW4090	PW4098
Boeing equivalent thrust/flat-rated temperature	lb/°F	90,000/86	97,900/86
Maximum taxi weight	kg (lb)	263,990 (582,000)	300,270 (662,000)
Maximum takeoff weight	kg (lb)	263,080 (580,000)	299,370 (660,000)
Maximum landing weight	kg (lb)	237,680 (524,000)	237,680 (524,000)
Maximum zero fuel weight	kg (lb)	224,520 (495,000)	224,520 (495,000)
X Operating empty weight	kg (lb)	157,850 (348,000)	158,250 (348,900)
Fuel capacity	L (U.S. gal)	171,170 (45,220)	171,170 (45,220)
Design range (MTOW, full passenger payload)	nmi (km)	3,920 (7,255)	5,765 (10,675)
Cruise Mach		0.84	0.84
Takeoff field length (SL, 86°F, MTOW)	m (ft)	2,755 (9,050)	3,290 (10,800)
Initial cruise altitude (MTOW, ISA + 10°C)	ft	36,000	34,400
Engine-out altitude capability (MTOW, ISA + 10°C)	ft	15,000	12,100
Landing field length (MLW)	m (ft)	1,840 (6,050)	1,825 (6,000)
Approach speed (MLW)	kias	149	149
Approach speed (3,000-nmi trip)	kias	137	138
Fuel burn/seat			
3,000 nmi	kg (lb)	123.2 (271.7)	124.1 (273.6)

- Typical mission rules
- Three-class seating
- Nine-abreast economy

¹ 96- x 125-in pallets/LD-3 containers

² Highest optional weight

777-300 performance summary

General Electric engines

		Basic	Maximum ²
Passengers	(FC/BC/EC)	368 (30/84/254)	
Cargo	pallets/containers ¹	8/20	
Engines		GE90-94B	GE90-94B
Boeing equivalent thrust/flat-rated temperature	lb/°F	93,700/86	93,700/86
Maximum taxi weight	kg (lb)	263,990 (582,000)	300,270 (662,000)
Maximum takeoff weight	kg (lb)	263,080 (580,000)	299,370 (660,000)
Maximum landing weight	kg (lb)	237,680 (524,000)	237,680 (524,000)
Maximum zero fuel weight	kg (lb)	224,520 (495,000)	224,520 (495,000)
X Operating empty weight	kg (lb)	158,840 (350,200)	158,840 (350,200)
Fuel capacity	L (U.S. gal)	171,170 (45,220)	171,170 (45,220)
Design range (MTOW, full passenger payload)	nmi (km)	4,025 (7,450)	6,030 (11,165)
Cruise Mach		0.84	0.84
Takeoff field length (SL, 86°F, MTOW)	m (ft)	2,635 (8,650)	3,595 (11,800)
Initial cruise altitude (MTOW, ISA + 10°C)	ft	37,000	34,400
Engine-out altitude capability (MTOW, ISA + 10°C)	ft	15,200	11,400
Landing field length (MLW)	m (ft)	1,855 (6,100)	1,855 (6,100)
Approach speed (MLW)	kias	148	148
Approach speed (3,000-nmi trip)	kias	136	136
Fuel burn/seat			
3,000 nmi	kg (lb)	118.9 (262.2)	118.9 (262.2)

- Typical mission rules
 - Three-class seating
 - Nine-abreast economy
- ¹ 96- x 125-in pallets/LD-3 containers
² Highest optional weight