

COMMERCIAL AIRCRAFT OF THE WORLD

Type Powerplant	Dimensions Span(m) Length(m) Height (m) Wing area(m ²) /sweep(°) (1/4 chord)	Landing gear Track Wheelbase Turn radius (m)	Accommodation Max seating: No./pitch cm/ abreast Hold vol m ³ compartments Press diff bars	Weights Ramp Take-off Landing Zero-fuel Ops-empty (kg)	Fuel Standard Optional (lit)	FAR field lengths at gross weight (m)		Speeds kt/Mach V ₂ V _{AT} V _{NE} /M _{MO} V _{NE} /M _{NE}	Cruise performance Speed (kt) Altitude Fuel consumption (kg/h)		Payload- range Max payload- load-range Max fuel kg km
						ISA, s.l.	ISA, +20°C s.l.		Max cruise	Long range	
737 500											
2 x 82kN CFM56-3B-4 turbofans											
	28.90	5.25	132/76/6	52,620	20,105	1,832	1,362	134	492	429	15,530
	31.00	14.1	23.3/2	52,390	23,170	2,003	1,362	130	26,000	35,000	2,519
	11.10	n/a	0.53	49,900		2,316	1,533	340/0.82	3,574	2,100	5,280
	91/25			46,490		2,649	1,533	n/a			6,389
				30,960							
737 500											
2 x 89kN CFM56-3-B1 turbofans											
	28.90	5.25	132/76/6	52,620	20,105	1,518	1,362	135	492	429	15,530
	31.00	14.1	23.3/2	52,390	23,170	1,682	1,362	130	26,000	35,000	2,519
	11.10	n/a	0.53	49,900		1,951	1,533	340/0.82	3,574	2,100	5,280
	91/25			46,490		2,173	1,533	n/a			6,389
				30,960							
747 SP											
4 x 230kN R-R RB.211-524D4 derated turbofans											
	59.60	11.0	440/86/11	318,880	184,660	2,330	1,600	166	505	488	23,520
	56.30	20.6	109/3	317,520	190,620	2,620	1,600	137	37,000	37,000	13,190
	20.00	32.6	0.60	204,120		2,940	1,800	375/0.92	9,760	8,800	12,430
	512/37.5			185,980		3,370	1,800	n/a			16,450
				151,450							
747 100B											
4 x 206.8kN GECP6-45A2 turbofans											
	59.60	11.0	550/86/11	341,560	181,970	3,050	1,890	169	507	484	69,400
	70.70	25.6	175/3	340,200	—	3,250	1,890	141	35,000	35,000	8,200
	19.30	42.8	0.60	255,830		3,810	2,130	375/0.92	12,88	10,660	24,170
	512/37.5			238,820		n/a	2,130	n/a			13,020
				169,420							
747 200B											
4 x 243.5kN P & W JT9D-7R4G2 turbofans											
	59.60	11.0	550/86/11	379,210	198,380	3,190	1,890	177	507	484	68,630
	70.70	25.6	175/3	377,850	204,350	3,610	1,890	141	35,000	35,000	11,000
	19.30	42.8	0.60	255,830		n/a	2,130	375/0.92	12,990	10,700	43,110
	512/37.5			238,820		n/a	2,130	n/a			13,690
				170,400							
747 200C											
4 x 243.5kN P & W JT9D-7R4G2 turbofans											
	59.60	11.0	550/86/11	379,210	198,350	3,190	2,100	177	507	484	92,310
	70.70	25.6	169/3	377,850	204,350	3,610	2,100	152	35,000	35,000	8,220
	19.30	42.8	0.60	285,830		n/a	2,380	375/0.92	12,990	10,700	37,850
	512/37.5			267,620		n/a	2,380	n/a			13,770
				175,310							
747 200F											
4 x 243.5kN P & W JT9D-7R4G2 turbofans											
	59.60	11.0	500/m3/—	379,210	198,350	3,190	2,100	177	507	484	112,490
	70.70	25.6	169/3	377,850	204,350	3,610	2,100	152	35,000	35,000	8,220
	19.30	42.8	0.60	285,770		n/a	2,380	375/0.92	12,990	10,700	58,030
	512/37.5			267,620		n/a	2,380	n/a			13,720
				155,130							
747 300											
4 x 243.5kN P & W JT9D-7R4G2 turbofans											
	59.60	11.0	660/86/11	379,210	190,380	3,190	1,920	177	507	490	68,630
	70.70	25.6	175/3	377,850	204,350	3,610	1,920	141	35,000	35,000	10,500
	19.30	42.8	0.60	260,370		n/a	7,100	375/0.92	12,110	10,930	39,120
	512/37.5			242,680		n/a	7,100	n/a			13,590
				174,040							
747 400											
4 x 257.6kN GE CF6-80C2-B1F turbofans											
	64.30	11.0	660/86/11	395,990	203,300	3,340	2,130	185	507	490	65,230
	70.70	25.6	171/3	394,630	204,350	3,640	2,130	153	35,000	35,000	12,780
	19.30	42.8	0.60	285,760		4,480	2,410	365/0.92	11,330	9,960	43,040
	525/37.5			242,670		n/a	2,410	n/a			15,200
				177,450							
747 400											
4 x 252.4kN P & W PW4056 turbofans											
	64.30	11.0	660/86/11	395,990	204,350	3,310	2,130	185	507	490	65,000
	70.70	25.6	171/3	394,630	216,850	3,600	2,130	153	35,000	35,000	12,700
	19.30	42.8	0.60	285,760		4,390	2,410	365/0.92	11,370	9,950	41,970
	525/37.5			242,670		n/a	2,410	n/a			15,390
				177,670							
747 400											
4 x 258kN R-R RB.211-524G/H turbofans											
	64.30	11.0	660/86/11	395,990	204,350	3,320	2,130	185	507	490	63,870
	70.70	25.6	171/3	394,630	216,850	3,725	2,130	153	35,000	35,000	12,870
	19.30	42.8	0.60	285,760		n/a	2,410	365/0.92	11,230	9,840	40,840
	525/37.5			242,670		n/a	2,410	n/a			15,410
				178,810							
757 PF											
2 x 185.5 P & W PW2040 turbofans											
	38.05	7.32	239/74/6	113,900	42,320	2,045	1,564	149	513	454	78,690
	47.32	18.29	50.7/2	113,400	—	2,530	1,564	137	27,000	39,000	6,556
	13.56	36.6	0.58	92,300		3,145	1,774	350/0.86	5,039	3,470	28,700
	181/25			90,700		3,834	1,774	n/a			8,501
				57,067							