

737-600 performance summary

737

Two-class seating, CFM engines

		Basic	Maximum
Passengers	(FC/EC)	110 (8/102)	
Cargo	ft³ (m³)	720 (20.4)	
Engines		CFM56-7B18	CFM56-7B22
Nameplate thrust/flat-rated temperature	lb/°F	19,500/86	22,700/86
Maximum taxi weight	lb (kg)	124,500 (56,470)	144,000 (65,310)
Maximum takeoff weight	lb (kg)	124,000 (56,240)	143,500 (65,090)
Maximum landing weight	lb (kg)	120,500 (54,650)	120,500 (54,650)
Maximum zero fuel weight	lb (kg)	113,500 (51,480)	114,000 (51,700)
Operating empty weight	lb (kg)	81,700 (37,050)	81,700 (37,050)
Fuel capacity	U.S. gal (L)	6,875 (26,020)	6,875 (26,020)
Design range (MTOW, full passenger payload)	nmi (km)	1,335 (2,470)	3,050 (5,640)
Cruise Mach		0.779	0.782
Takeoff field length (SL, 86°F, MTOW)	ft (m)	5,350 (1,630)	5,900 (1,800)
Initial cruise altitude (MTOW, ISA + 10°C)	ft	41,000	40,100
Landing field length (MLW)	ft (m)	4,400 (1,340)	4,400 (1,340)
Approach speed (MLW)	kn	125	125
Fuel burn/seat			
500 nmi	lb (kg)	58.8 (26.7)	58.6 (26.6)
1,000 nmi	lb (kg)	103.0 (46.7)	102.8 (46.6)

- Typical mission rules
- Category D brakes

737-900 performance summary

737

Two-class seating, CFM engines

		Basic	Maximum
Passengers	(FC/EC)	177 (12/165)	
Cargo	ft³ (m³)	1,827 (51.7)	
Engines		CFM56-7B24	CFM56-7B27
Nameplate thrust/flat-rated temperature	lb/°F	24,200/86	27,300/86
Maximum taxi weight	lb (kg)	164,500 (74,610)	174,700 (79,240)
Maximum takeoff weight	lb (kg)	164,000 (74,380)	174,200 (79,010)
Maximum landing weight	lb (kg)	146,300 (66,360)	147,300 (66,810)
Maximum zero fuel weight	lb (kg)	138,300 (62,730)	140,300 (63,630)
Operating empty weight	lb (kg)	94,330 (42,780)	94,330 (42,780)
Fuel capacity	U.S. gal (L)	6,875 (26,020)	6,875 (26,020)
Design range (MTOW, full passenger payload)	nmi (km)	1,990 (3,685)	2,670 (4,945)
Cruise Mach		0.787	0.787
Takeoff field length (SL, 86°F, MTOW)	ft (m)	8,500 (2,590)	8,000 (2,430)
Initial cruise altitude (MTOW, ISA + 10°C)	ft	36,800	35,500
Landing field length (MLW)	ft (m)	5,400 (1,640)	5,450 (1,660)
Approach speed (MLW)	kn	141	141
Fuel burn/seat			
500 nmi	lb (kg)	44.4 (20.1)	44.4 (20.1)
1,000 nmi	lb (kg)	79.5 (36.1)	79.5 (36.1)

- Typical mission rules

737-800 performance summary

737

Two-class seating, CFM engines, with optional winglets

		Basic	Maximum
Passengers	(FC/EC)	162 (12/150)	
Cargo	ft ³ (m ³)	1,555 (44.0)	
Engines		CFM56-7B24	CFM56-7B27
Nameplate thrust/flat-rated temperature	lb/°F	24,200/86	27,300/86
Maximum taxi weight	lb (kg)	156,000 (70,760)	174,700 (79,240)
Maximum takeoff weight	lb (kg)	155,500 (70,530)	174,200 (79,010)
Maximum landing weight	lb (kg)	144,000 (65,310)	146,300 (66,360)
Maximum zero fuel weight	lb (kg)	136,000 (61,680)	138,300 (62,730)
Operating empty weight	lb (kg)	91,660 (41,570)	91,660 (41,570)
Fuel capacity	U.S. gal (L)	6,875 (26,020)	6,875 (26,020)
Design range (MTOW, full passenger payload)	nmi (km)	1,990 (3,685)	3,060* (5,665)*
Cruise Mach		0.788	0.788
Takeoff field length (SL, 86°F, MTOW)	ft (m)	6,650 (2,020)	7,350 (2,240)
Initial cruise altitude (MTOW, ISA + 10°C)	ft	38,300	35,900
Landing field length (MLW)	ft (m)	5,400 (1,640)	5,450 (1,660)
Approach speed (MLW)	kn	141	142
Fuel burn/seat			
500 nmi	lb (kg)	45.5 (20.6)	45.0 (20.4)
1,000 nmi	lb (kg)	79.4 (36.0)	79.6 (36.1)

• Typical mission rules

* Fuel volume limited

737-800 performance summary

737

Two-class seating, CFM engines

		Basic	Maximum
Passengers	(FC/EC)	162 (12/150)	
Cargo	ft³ (m³)	1,555 (44.0)	
Engines		CFM56-7B24	CFM56-7B27
Nameplate thrust/flat-rated temperature	lb/°F	24,200/86	27,300/86
Maximum taxi weight	lb (kg)	156,000 (70,760)	174,700 (79,240)
Maximum takeoff weight	lb (kg)	155,500 (70,530)	174,200 (79,010)
Maximum landing weight	lb (kg)	144,000 (65,310)	146,300 (66,360)
Maximum zero fuel weight	lb (kg)	136,000 (61,680)	138,300 (62,730)
Operating empty weight	lb (kg)	91,280 (41,400)	91,280 (41,400)
Fuel capacity	U.S. gal (L)	6,875 (26,020)	6,875 (26,020)
Design range (MTOW, full passenger payload)	nmi (km)	1,940 (3,595)	2,930* (5,425)*
Cruise Mach		0.781	0.786
Takeoff field length (SL, 86°F, MTOW)	ft (m)	6,900 (2,100)	7,600 (2,310)
Initial cruise altitude (MTOW, ISA + 10°C)	ft	38,200	35,900
Landing field length (MLW)	ft (m)	5,400 (1,640)	5,450 (1,660)
Approach speed (MLW)	kn	141	142
Fuel burn/seat			
500 nmi	lb (kg)	46.4 (21.0)	46.4 (21.0)
1,000 nmi	lb (kg)	82.8 (37.6)	82.9 (37.6)

• Typical mission rules

* Fuel volume limited

737-700 performance summary

737

Two-class seating, CFM engines, with optional winglets

		Basic	Maximum
Passengers	(FC/EC)	126 (8/118)	
Cargo	ft ³ (m ³)	966 (27.3)	
Engines		CFM56-7B20	CFM56-7B26
Nameplate thrust/flat-rated temperature	lb/°F	20,600/86	26,300/86
Maximum taxi weight	lb (kg)	133,500 (60,550)	155,000 (70,300)
Maximum takeoff weight	lb (kg)	133,000 (60,320)	154,500 (70,080)
Maximum landing weight	lb (kg)	128,000 (58,050)	129,200 (58,600)
Maximum zero fuel weight	lb (kg)	120,500 (54,650)	121,700 (55,200)
Operating empty weight	lb (kg)	84,410 (38,280)	84,410 (38,280)
Fuel capacity	U.S. gal (L)	6,875 (26,020)	6,875 (26,020)
Design range (MTOW, full passenger payload)	nmi (km)	1,570 (2,910)	3,365 (6,230)
Cruise Mach		0.775	0.776
Takeoff field length (SL, 86°F, MTOW)	ft (m)	5,700 (1,730)	5,500 (1,670)
Initial cruise altitude (MTOW, ISA + 10°C)	ft	41,000	38,400
Landing field length (MLW)	ft (m)	4,650 (1,410)	4,700 (1,430)
Approach speed (MLW)	kn	129	130
Fuel burn/seat			
500 nmi	lb (kg)	52.6 (23.8)	52.4 (23.7)
1,000 nmi	lb (kg)	92.1 (41.8)	92.1 (41.8)

- Typical mission rules
- Category A brakes

737-700 performance summary

737

Two-class seating, CFM engines

		Basic	Maximum
Passengers	(FC/EC)	126 (8/118)	
Cargo	ft³ (m³)	966 (27.3)	
Engines		CFM56-7B20	CFM56-7B26
Nameplate thrust/flat-rated temperature	lb/°F	20,600/86	26,300/86
Maximum taxi weight	lb (kg)	133,500 (60,550)	155,000 (70,300)
Maximum takeoff weight	lb (kg)	133,000 (60,320)	154,500 (70,080)
Maximum landing weight	lb (kg)	128,000 (58,050)	129,200 (58,600)
Maximum zero fuel weight	lb (kg)	120,500 (54,650)	121,700 (55,200)
Operating empty weight	lb (kg)	84,190 (38,190)	84,190 (38,190)
Fuel capacity	U.S. gal (L)	6,875 (26,020)	6,875 (26,020)
Design range (MTOW, full passenger payload)	nmi (km)	1,525 (2,825)	3,250 (6,020)
Cruise Mach		0.781	0.778
Takeoff field length (SL, 86°F, MTOW)	ft (m)	5,700 (1,730)	5,500 (1,670)
Initial cruise altitude (MTOW, ISA + 10°C)	ft	41,000	38,400
Landing field length (MLW)	ft (m)	4,650 (1,410)	4,700 (1,430)
Approach speed (MLW)	kn	129	130
Fuel burn/seat			
500 nmi	lb (kg)	52.8 (23.9)	53.6 (24.3)
1,000 nmi	lb (kg)	95.1 (43.1)	94.9 (43.0)

- Typical mission rules
- Category A brakes

