

Performance Summary

StartupBoeing

737-300 Mixed-Class

Interior

			737-300 Basic GW	737-300 HGW
Engines			CFM56-3C-1	CFM56-3C-1
Engine rating/flat rated temp		lb/°F	20,000/86	22,000/86
Passengers		FC/TC	126 (8/118)	126 (8/118)
Cargo volume		ft ³ (m ³)	1,068 (30.2)	1,068 (30.2)
Maximum design	- takeoff	lb (kg)	124,500 (56,470)	138,500 (62,820)
	- landing	lb (kg)	114,000 (57,710)	116,600 (52,880)
	- zero fuel	lb (kg)	105,000 (47,620)	109,600 (49,710)
Operating empty weight		lb (kg)	72,360 (32,820)	72,360 (32,820)
Fuel capacity		U.S. gal (L)	5,311 (20,100)	5,311 (20,100)
Design range		nmi	1,635	2,255*
Cruise Mach number (LRC avg for design range)			0.745	0.745
Takeoff field length (TOFL)	[MTOW, SL., 86°F)	ft (m)	6,500 (1,981)	7,500 (2,286)
Altitude capability—all engines	(ISA + 10°C) [MTOW]	ft	35,700	33,450
Landing field length	[MLW, S.L.]	ft (m)	4,580 (1,396)	4,700 (1,433)
Approach speed	[MLW]	kt	133	135
Block fuel per passenger	- 500 nmi	lb/pass (kg/pass)	56.7 (25.7)	56.6 (25.7)
	- 1,000 nmi	lb/pass (kg/pass)	102.0 (46.3)	102.0 (46.3)

* Fuel volume limited

Performance Summary

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737-400 Mixed-Class Interior

			737-400 Basic GW	737-400 HGW
Engines			CFM56-3C-1	CFM56-3C-1
Engine rating/flat rated temp		lb/°F	22,000/86	23,500/86
Passengers		FC/TC	147 (10/137)	147 (10/137)
Cargo volume		ft ³ (m ³)	1,373 (38.9)	1,373 (38.9)
Maximum design	- takeoff	lb (kg)	138,500 (62,820)	150,000 (68,040)
	- landing	lb (kg)	121,000 (54,880)	124,000 (56,240)
	- zero fuel	lb (kg)	113,000 (51,250)	117,000 (53,070)
Operating empty weight		lb (kg)	76,180 (34,560)	76,760 (34,820)
Fuel capacity		U.S. gal (L)	5,311 (20,100)	5,311 (20,100)
Design range		nmi	1,907	2,060*
Cruise Mach number (LRC avg for design range)			0.745	0.745
Takeoff field length (TOFL)	[MTOW, SL., 86°F]	ft (m)	7,350 (2,240)	8,690 (2,649)
Altitude capability—all engines	(ISA + 10°C) [MTOW]	ft	33,400	31,700
Landing field length	[MLW, S.L.]	ft (m)	4,880 (1,487)	5,050 (1,539)
Approach speed	[MLW]	kt	137	139
Block fuel per passenger	- 500 nmi	lb/pass (kg/pass)	51.7 (23.5)	56.6 (23.5)
	- 1,000 nmi	lb/pass (kg/pass)	93.7 (42.5)	102.0 (42.7)

* Fuel volume limited

Performance Summary

StartupBoeing

737-500 Mixed-Class Interior

			737-500 Basic GW	737-500 HGW
Engines			CFM56-3C-1	CFM56-3C-1
Engine rating/flat rated temp		lb/°F	18,500/86	20,000/86
Passengers		FC/TC	110 (8/102)	110 (8/102)
Cargo volume		ft ³ (m ³)	822 (23.3)	882 (23.3)
Maximum design	- takeoff	lb (kg)	115,500 (52,390)	133,500 (60,550)
	- landing	lb (kg)	110,000 (49,890)	110,000 (49,890)
	- zero fuel	lb (kg)	102,500 (48,490)	103,000 (46,720)
Operating empty weight		lb (kg)	70,440 (31,950)	70,440 (31,950)
Fuel capacity		U.S. gal (L)	5,311 (20,100)	5,311 (20,100)
Design range		nmi	1,415	2,375*
Cruise Mach number (LRC avg for design range)			0.745	0.745
Takeoff field length (TOFL)	[MTOW, SL., 86°F]	ft (m)	5,880 (1,792)	8,630 (2,630)
Altitude capability—all engines	(ISA + 10°C) [MTOW]	ft	37,000	34,250
Landing field length	[MLW, S.L.]	ft (m)	4,450 (1,356)	4,450 (1,356)
Approach speed	[MLW]	kt	128	128
Block fuel per passenger	- 500 nmi	lb/pass (kg/pass)	62.5 (28.4)	62.5 (28.4)
	- 1,000 nmi	lb/pass (kg/pass)	112.0 (50.8)	112.0 (50.8)

* Fuel volume limited