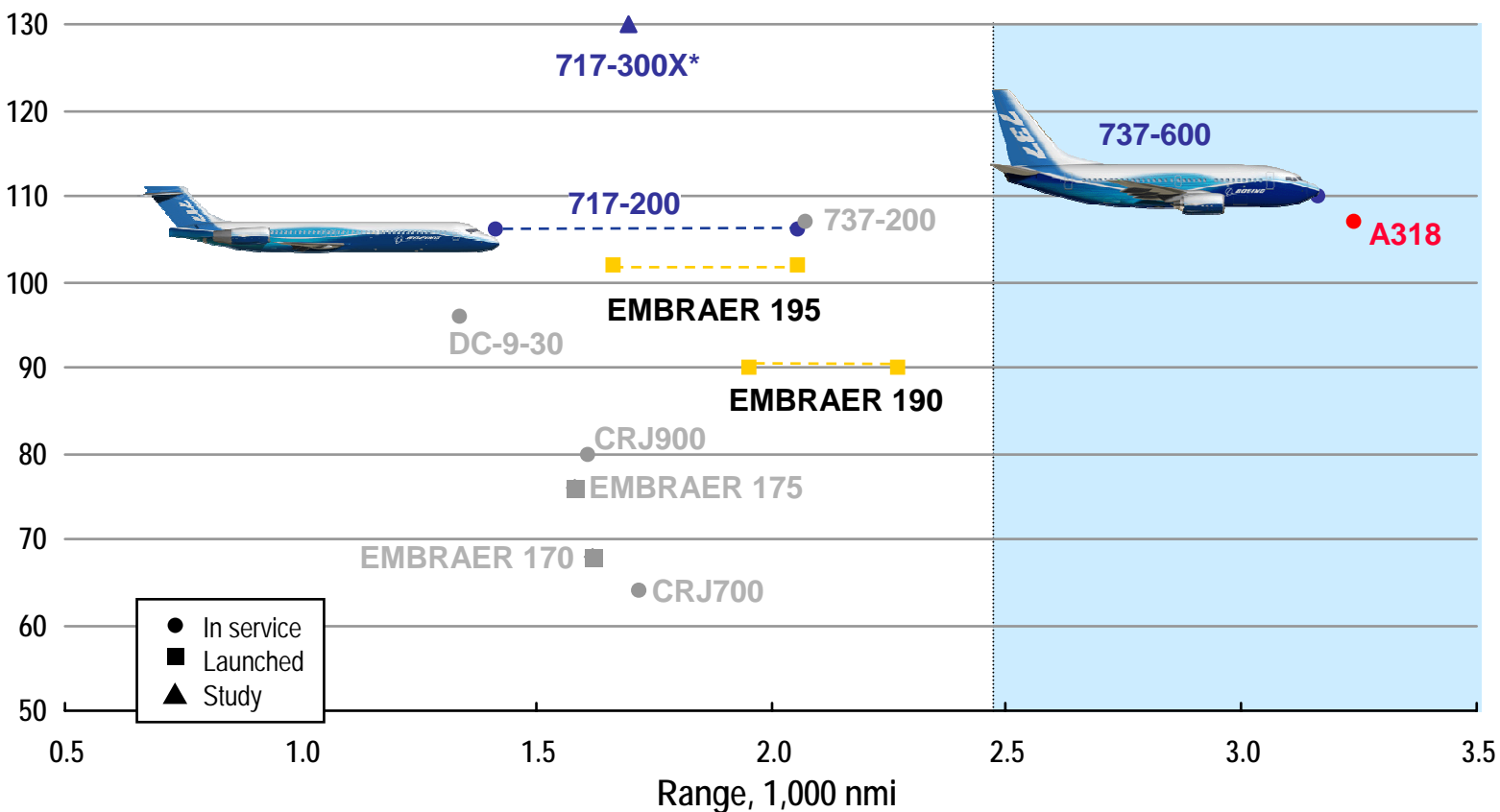


The 717 is a full-size airplane for the regional market

717

Two-class seats

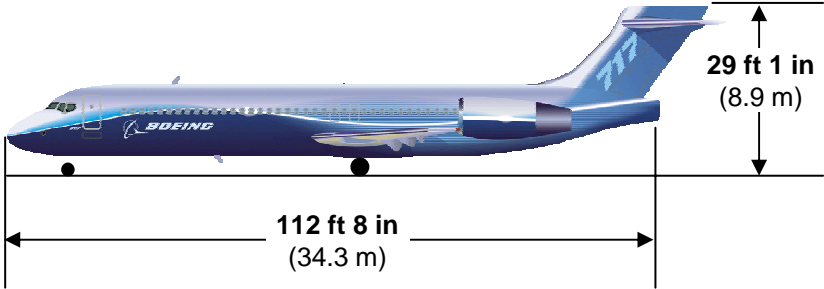
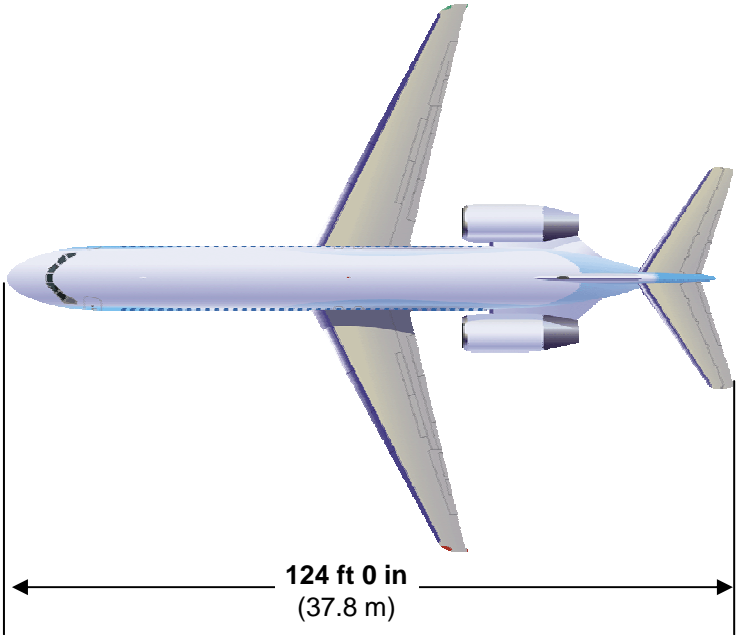
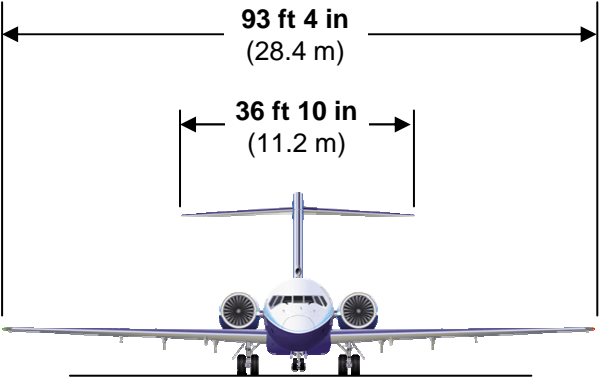


- Nose of airplane indicates design range.
- Regional rules
- High gross weight airplane includes two auxiliary fuel tanks as a postdelivery installation.
- * Product development study

General arrangement

717

717-200

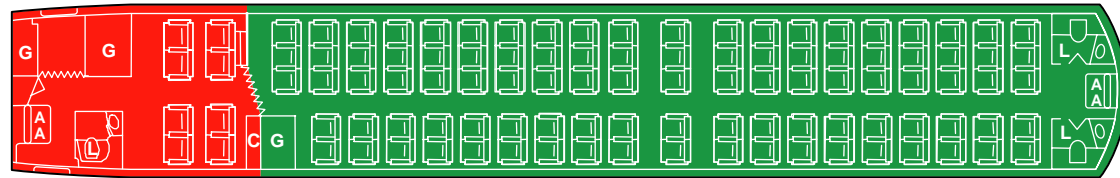


Interior arrangements

717

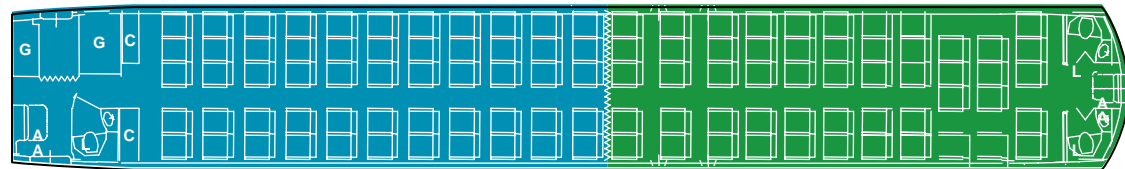
717-200 seating

Two-class
8 first at 36-in pitch
98 economy at 32-in pitch



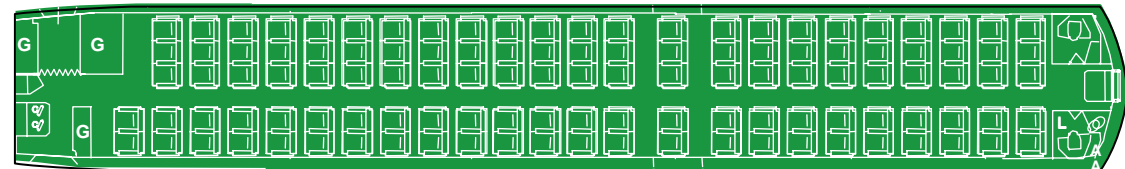
106 passengers

Expanded business class
55 business at 34-in pitch
55 economy at 32-in pitch



110 passengers

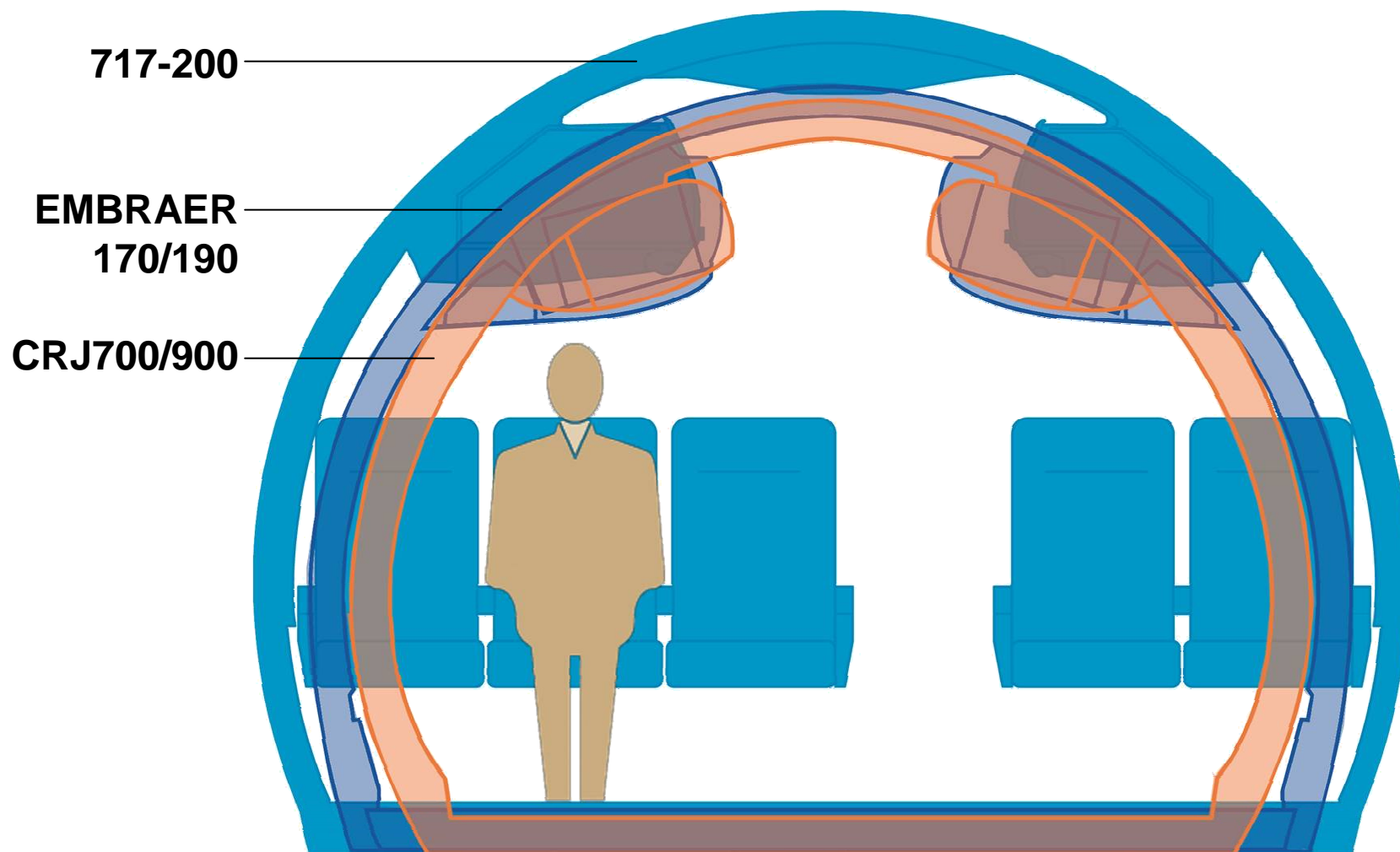
One-class
117 economy at 32-in pitch



117 passengers

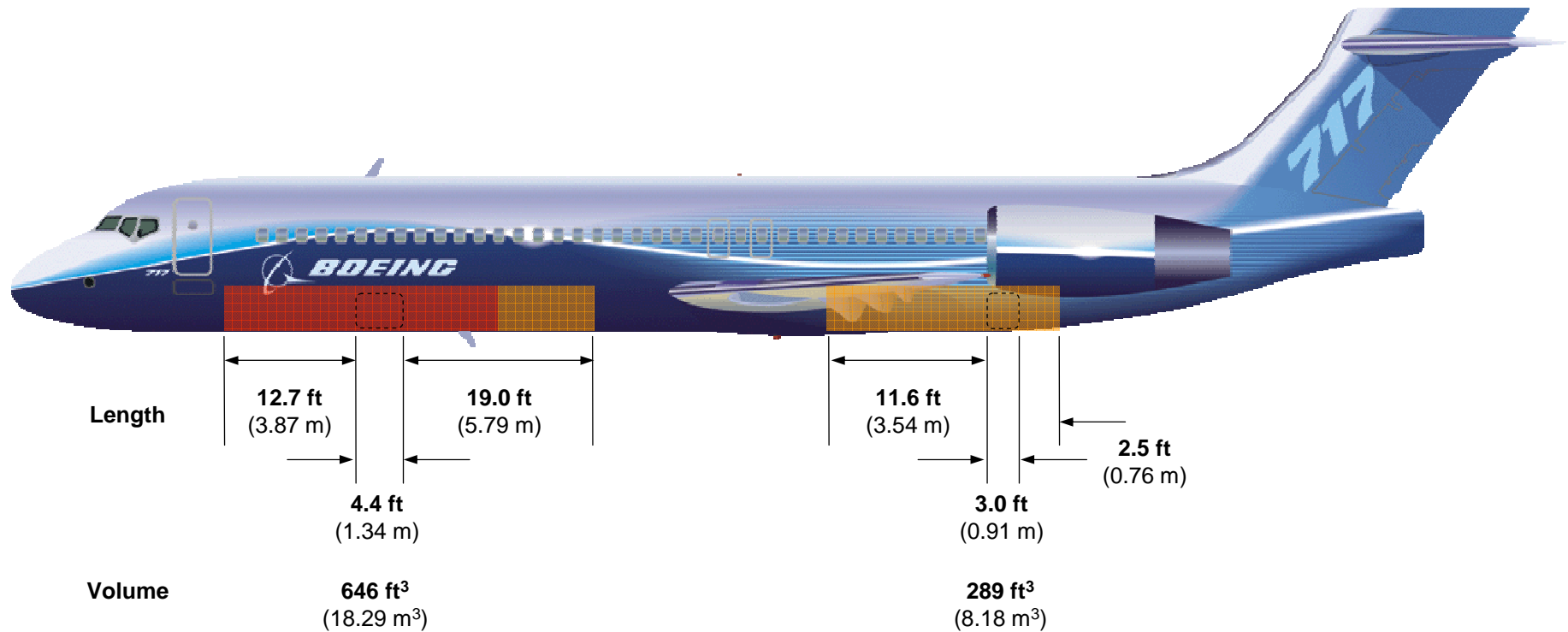
The 717 has the largest cross Section in the regional jet market

717



Cargo capacity leads 100-seat competitors

717



Total cargo volume: 935 ft³ (26.5 m³)

Baggage: 477 ft³ (13.5 m³)

Cargo: 458 ft³ (13.0 m³)

- Assume 4.5 ft³ per passenger baggage
- With two optional body fuel tanks, total cargo volume = 730 ft³ (20.7 m³), forward = 527 ft³ (14.9 m³), aft = 203 ft³ (5.7 m³)

717-200 performance summary

717

Two-class seating

		Basic	Maximum
Passengers	FC/EC	106 (8/98)	106 (8/98)
Cargo	ft ³ (m ³)	935 (26.5)	730 (20.7)
Engines		BR700-715A1-30	BR700-715C1-30
Sea level static thrust/flat-rated temperature	lb/°F	18,500/86	21,000/86
Maximum taxi weight	lb (kg)	111,000 (50,340)	122,000 (55,330)
Maximum takeoff weight	lb (kg)	110,000 (49,890)	121,000 (54,880)
Maximum landing weight	lb (kg)	100,000 (45,360)	110,000 (49,890)
Maximum zero fuel weight	lb (kg)	94,000 (42,630)	100,500 (45,580)
Operating empty weight	lb (kg)	67,670 (30,690)	68,630 (31,130)
Fuel capacity	U.S. gal (L)	3,673 (13,900)	4,403¹ (16,660)¹
Design range (MTOW, full passenger payload)	nmi (km)	1,415 (2,620)	2,055² (3,805)²
Cruise Mach		0.767	0.767
Takeoff field length (SL, 86°F, MTOW)	ft (m)	5,500 (1,675)	5,750 (1,750)
Initial cruise altitude (MTOW, ISA + 10°C)	ft	34,200	32,200
Engine-out altitude capability (MTOW, ISA + 10°C)	ft	15,900	14,200
Landing field length (MLW)	ft (m)	4,650 (1,415)	5,000 (1,520)
Approach speed (MLW)	kn	132	139
Fuel burn per seat			
300 nmi ³	lb (kg)	39.9 (18.1)	40.2 (18.2)
500 nmi	lb (kg)	58.8 (26.7)	59.3 (26.9)
1,000 nmi	lb (kg)	107.3 (48.7)	108.1 (49.0)

- Regional weight allowances
- Typical mission rules, except 300-nmi mission

¹ Auxiliary fuel tanks are a postdelivery installation.

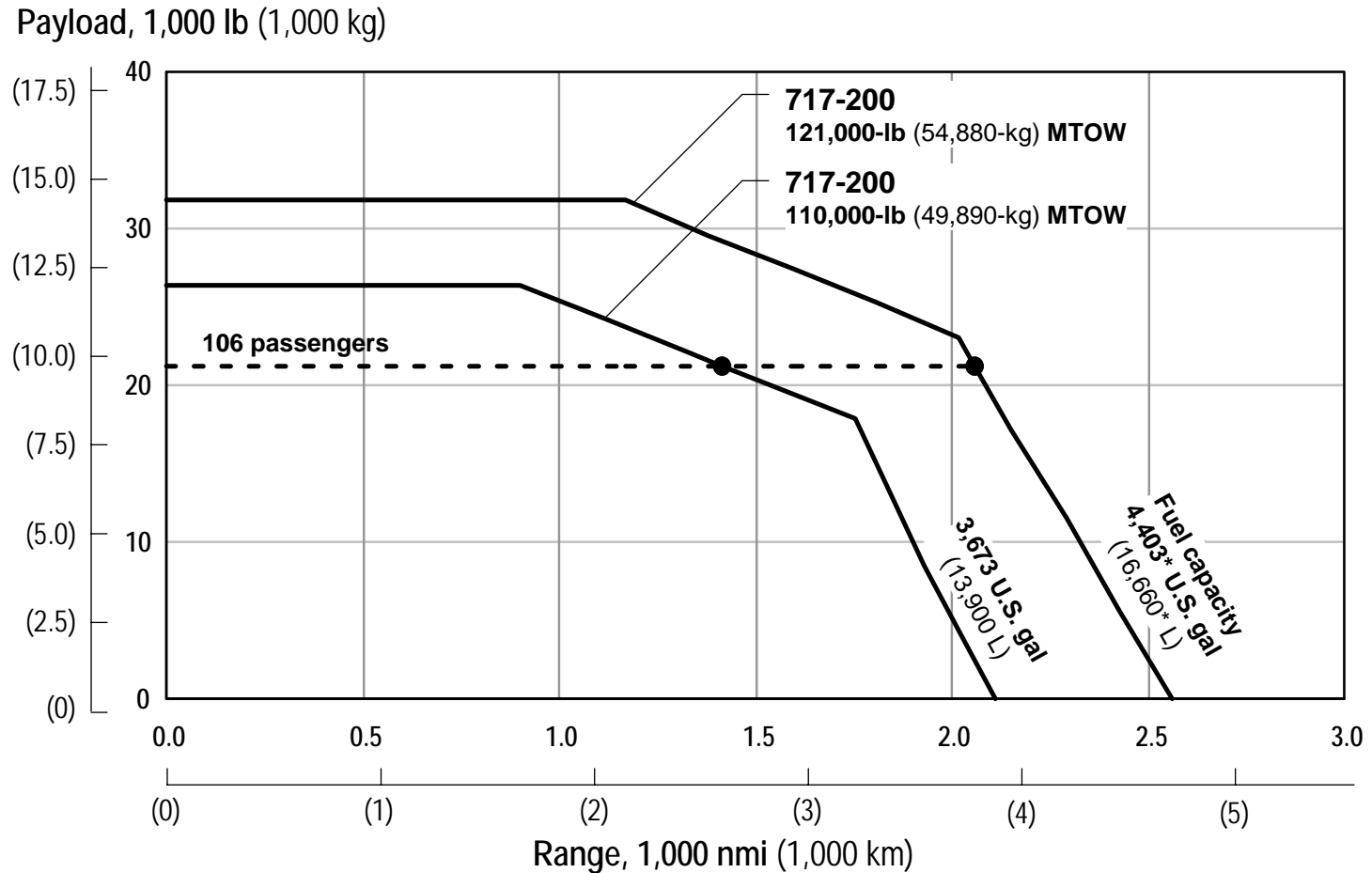
² Fuel volume limited

³ Short-range mission rules

717-200 payload-range capability

717

BR700-715 engines

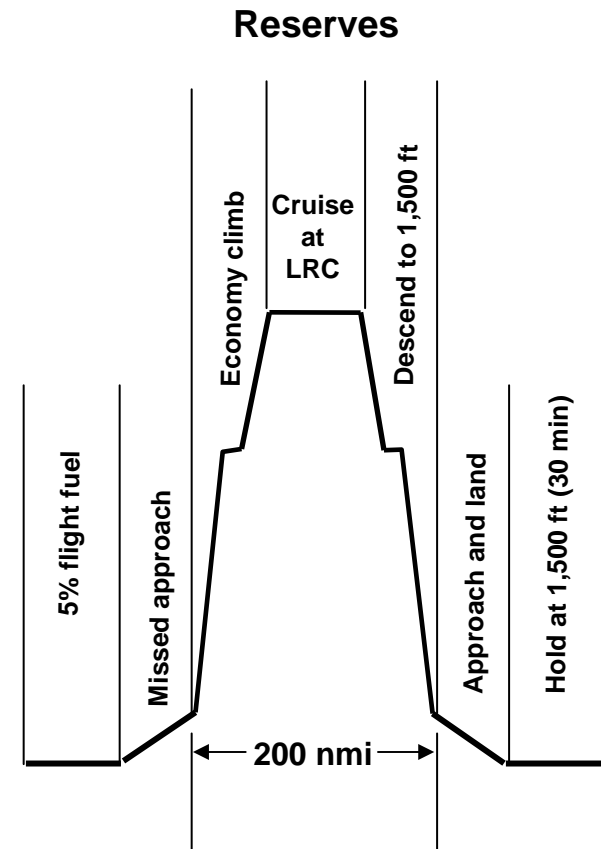
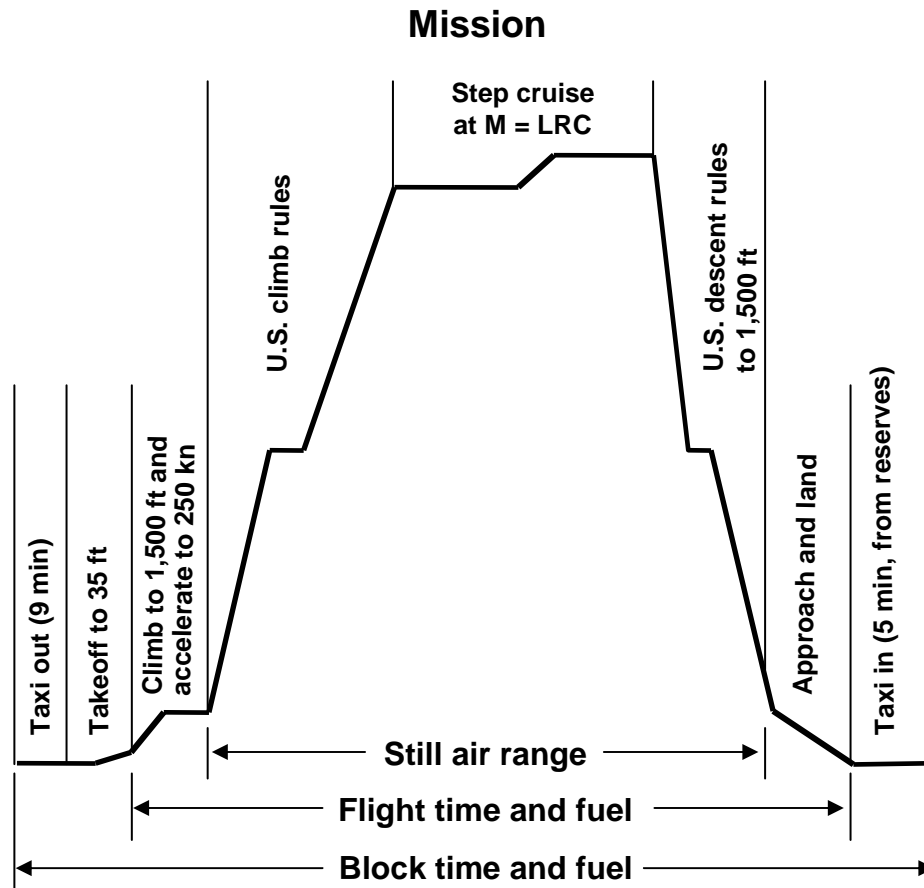


- Two-class interiors
- Regional weight allowances
- Typical mission rules
- * Auxiliary fuel tanks are a postdelivery installation.

Mission profile

717

Typical mission rules



- Standard day
- Fuel density, 6.7 lb/U.S. gal
- Nominal performance
- 200 lb per passenger and baggage

Range capability from Beijing

717

Full passenger payload

717-200/BR715-A1-30
110,000-lb (49,890-kg) MTOW
106 two-class passengers

717-200*/BR715-C1-30
119,000-lb (53,970-kg) TOW**
106 two-class passengers

- Regional rules
- Airways and traffic allowances included
- 85% annual winds

* Auxiliary fuel tanks are a postdelivery installation.

** Fuel volume limited



Range capability from Chicago

717

Full passenger payload

717-200/BR715-A1-30
110,000-lb (49,890-kg) MTOW
106 two-class passengers

717-200*/BR715-C1-30
119,000-lb (53,970-kg) TOW**
106 two-class passengers

- Regional rules
- Airways and traffic allowances included
- 85% annual winds

* Auxiliary fuel tanks are a postdelivery installation.

** Fuel volume limited



Range capability from Rome

717

Full passenger payload

717-200/BR715-A1-30
110,000-lb (49,890-kg) MTOW
106 two-class passengers

717-200*/BR715-C1-30
119,000-lb (53,970-kg) TOW**
106 two-class passengers

- Regional rules
- Airways and traffic allowances included
- 85% annual winds

* Auxiliary fuel tanks are a postdelivery installation.

** Fuel volume limited



Range capability from Sao Paulo

717

Full passenger payload

717-200/BR715-A1-30
110,000-lb (49,890-kg) MTOW
106 two-class passengers

717-200*/BR715-C1-30
119,000-lb (53,970-kg) TOW**
106 two-class passengers

- Regional rules
- Airways and traffic allowances included
- 85% annual winds

* Auxiliary fuel tanks are a postdelivery installation.

** Fuel volume limited



717 Flight Deck

StartupBoeing

