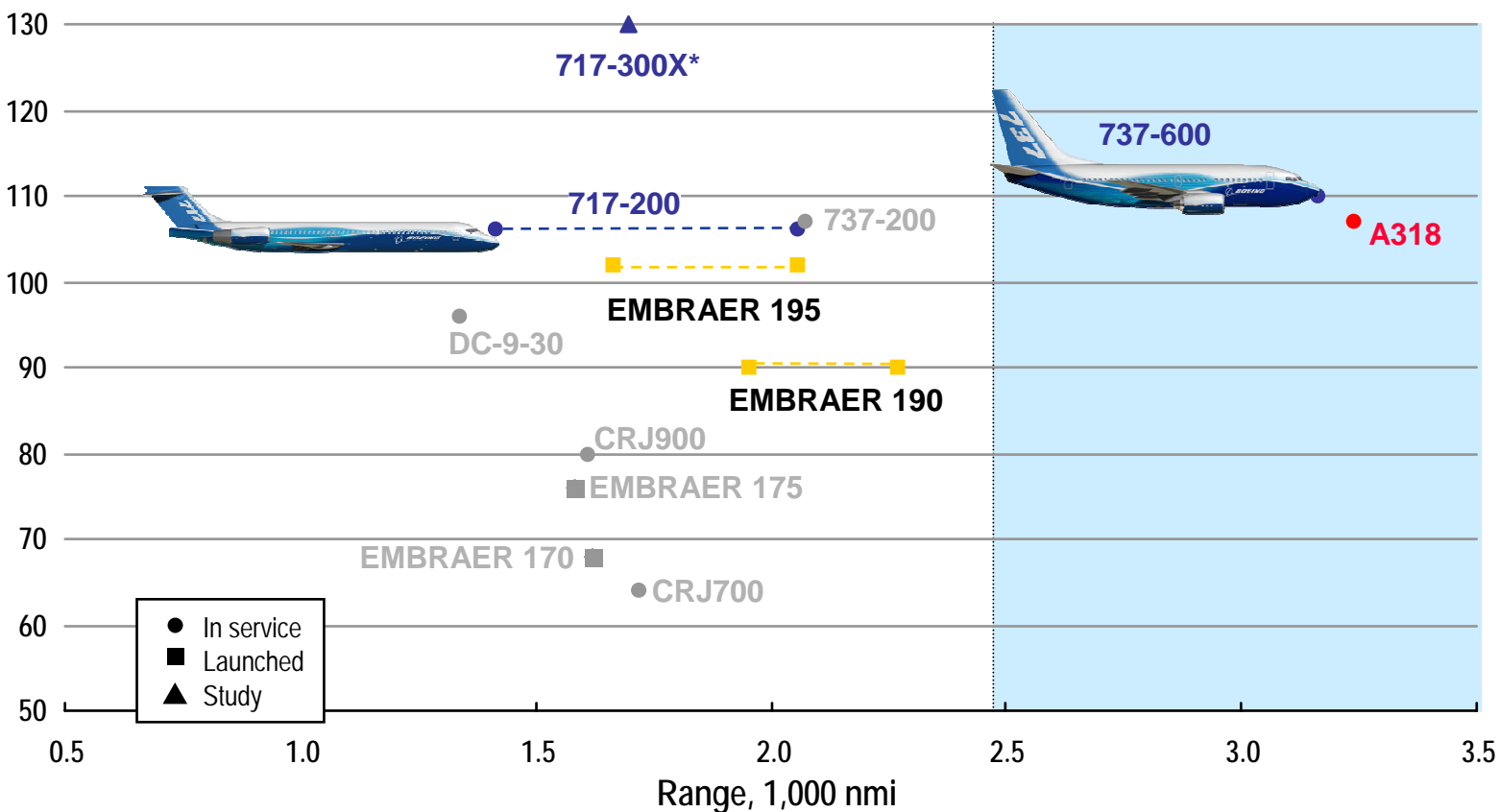


The 717 is a full-size airplane for the regional market

717

Two-class seats

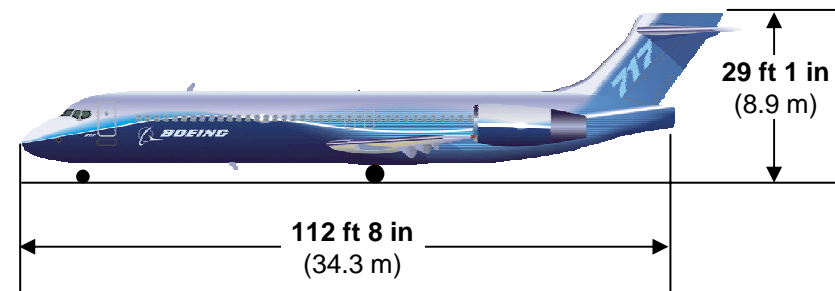
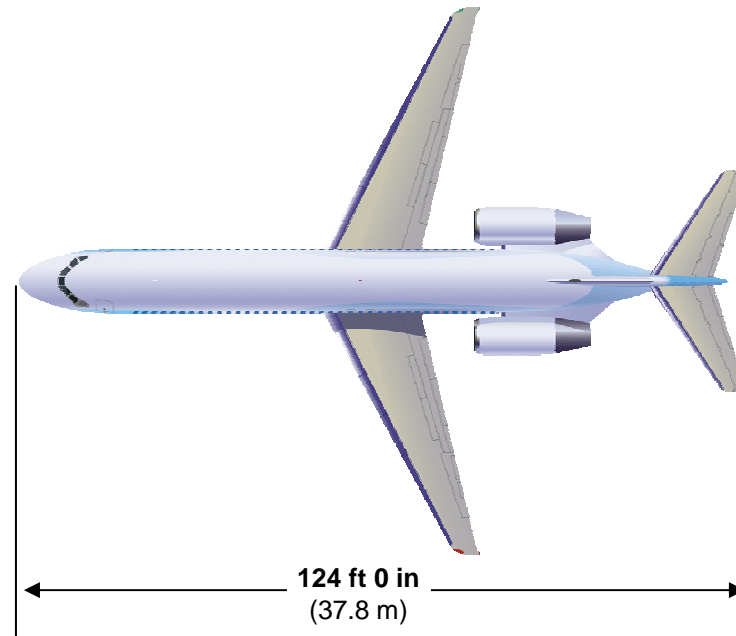
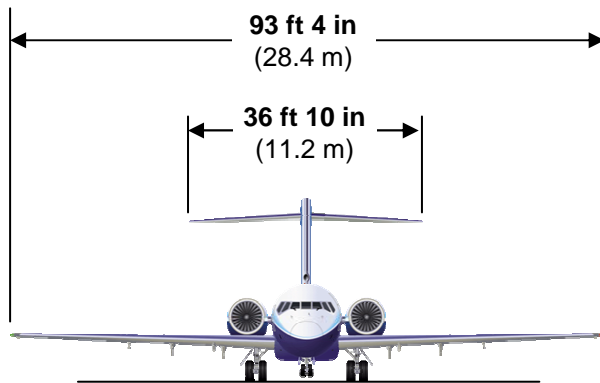


- Nose of airplane indicates design range.
- Regional rules
- High gross weight airplane includes two auxiliary fuel tanks as a postdelivery installation.
- * Product development study

General arrangement

717

717-200

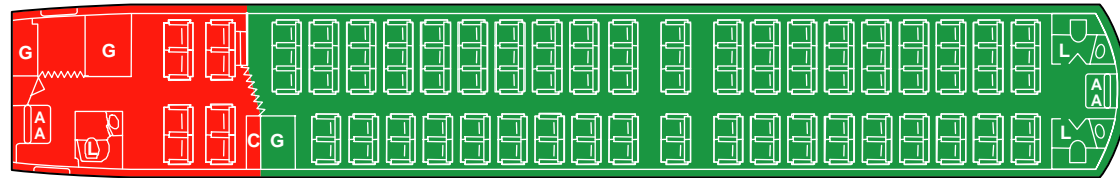


Interior arrangements

717

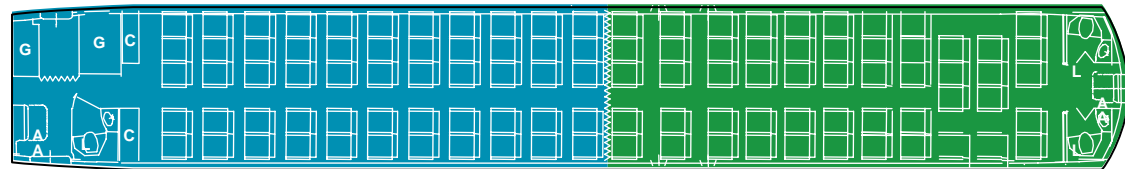
717-200 seating

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



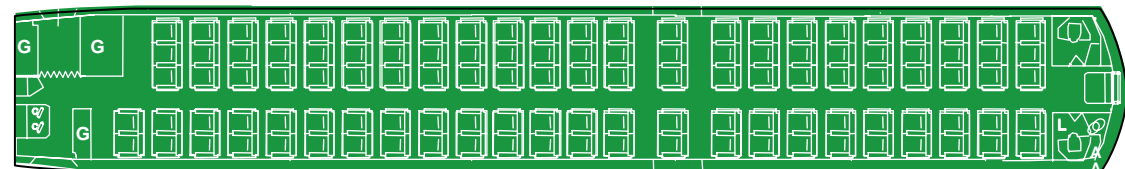
106 passengers

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



110 passengers

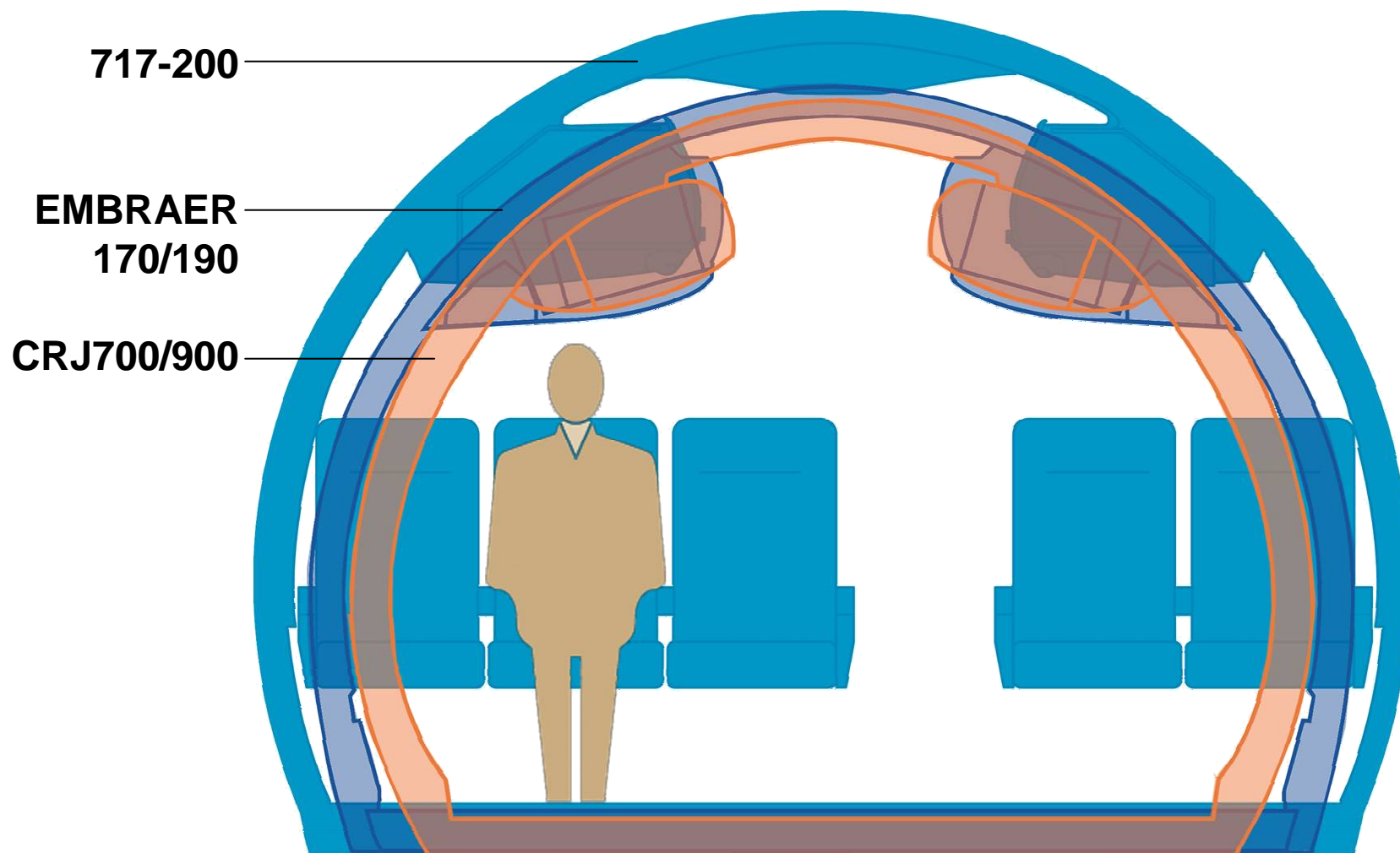
One-class
117 economy at 32-in pitch



117 passengers

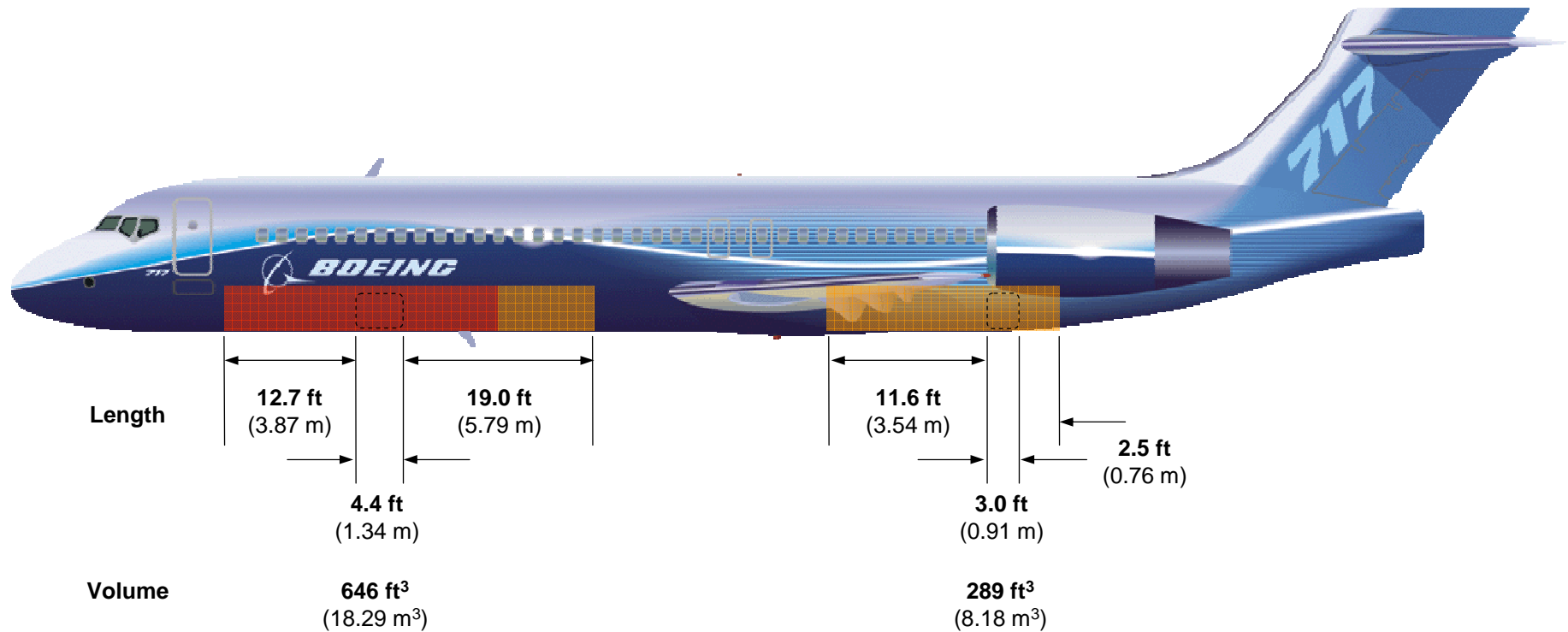
The 717 has the largest cross Section in the regional jet market

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.

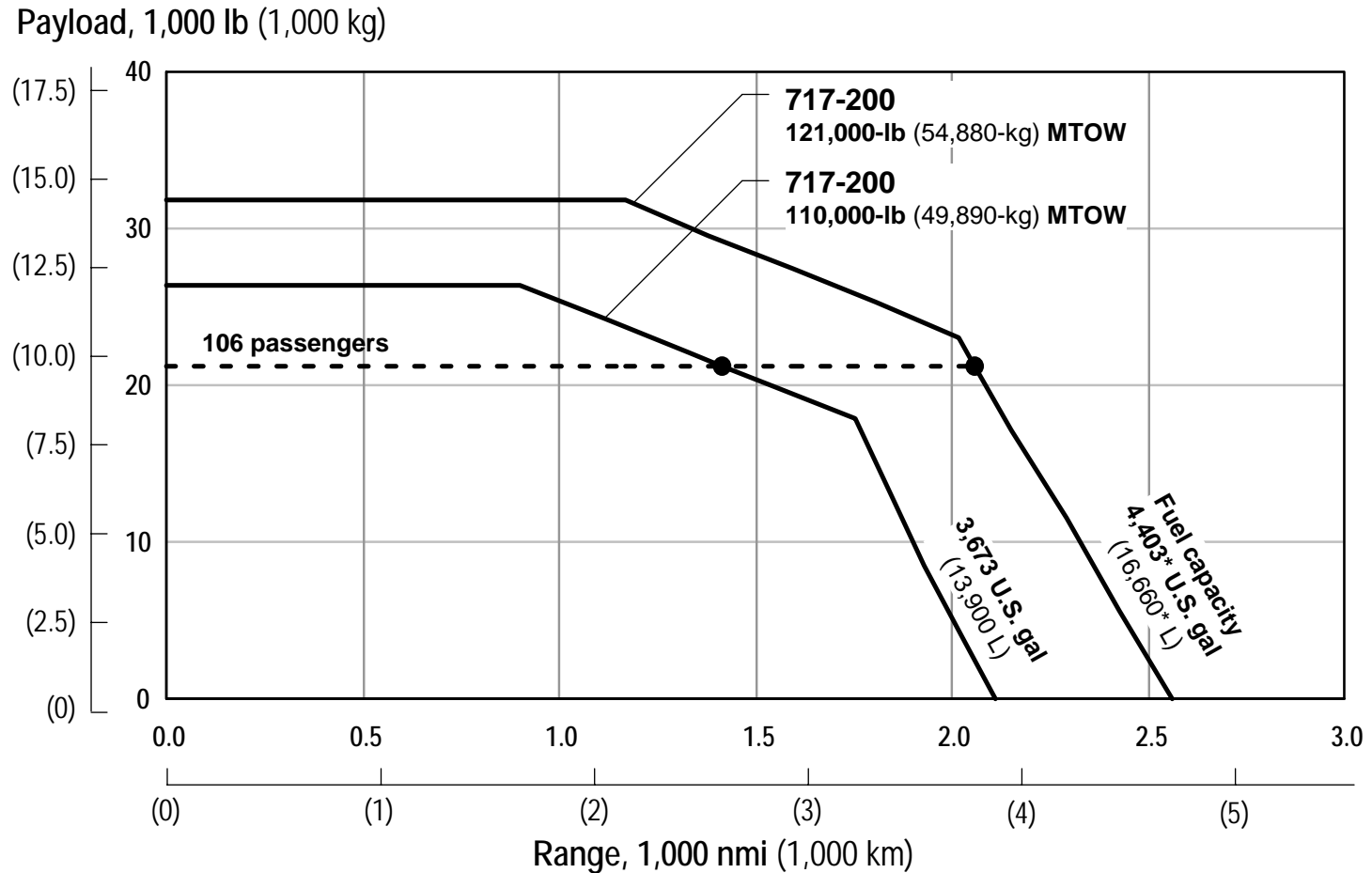
² Fuel volume limited

³ Short-range mission rules

717-200 payload-range capability

717

BR700-715 engines

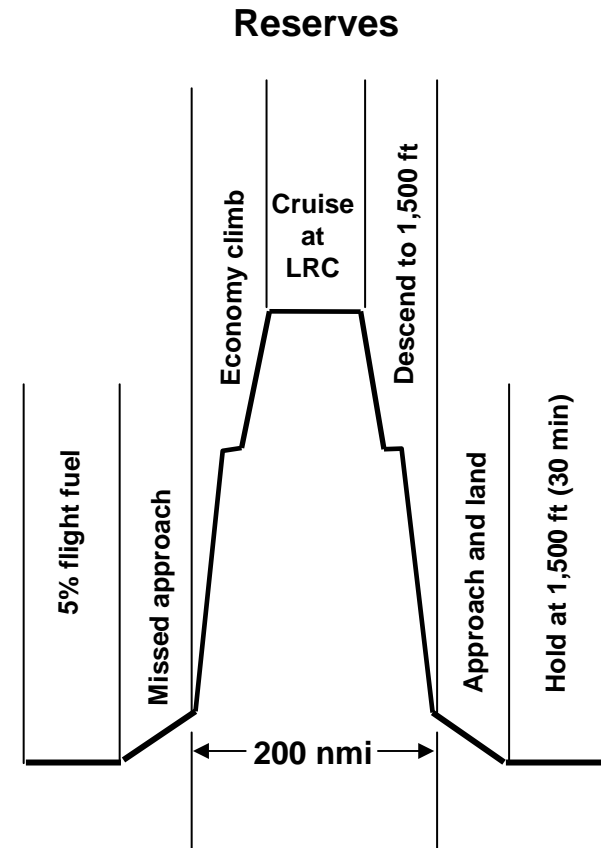
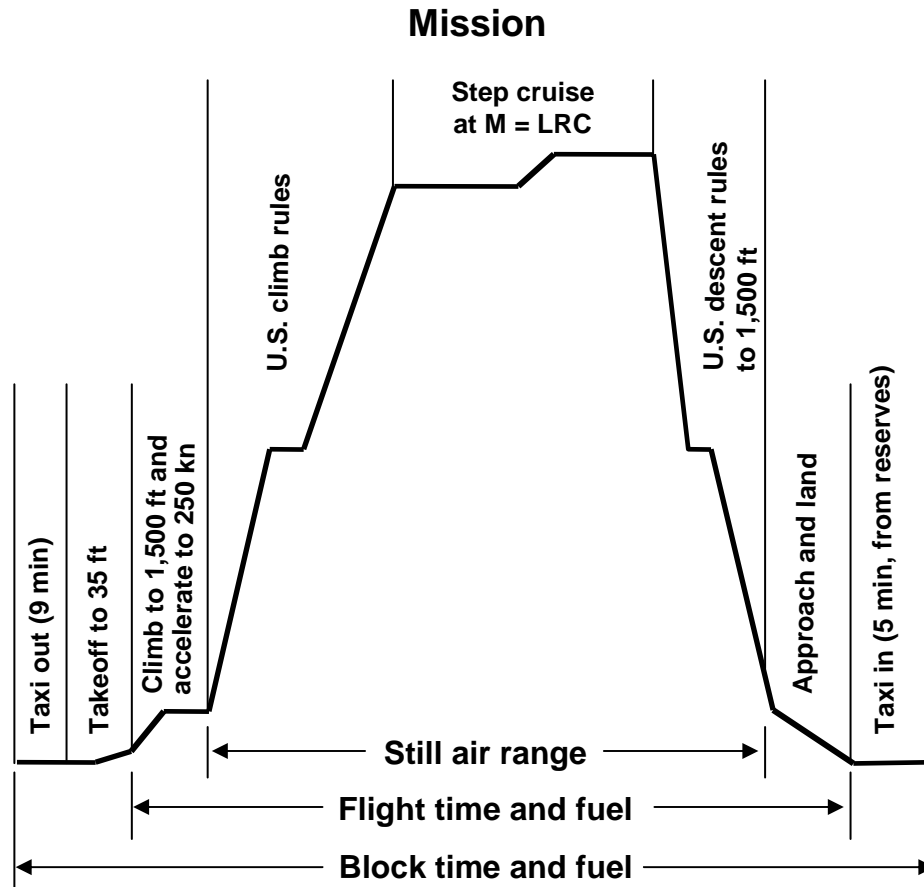


- Two-class interiors
- Regional weight allowances
- Typical mission rules
- * Auxiliary fuel tanks are a postdelivery installation.

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

