Lear 40
Specifications and Performance

Specifications

**Design Weights**
- Max. Ramp Weight: 21250 lb
- Max. Takeoff Weight: 21000 lb
- Fuel Capacity: 5375 lb
- Basic Empty Weight: 13678 lb
- Max. Payload: 6962 lb
- Max. Payload w/Full Fuel: 1837 lb
- Useful Load: 7322 lb

**External Dimensions**
- Length: 56'3"
- Height: 14'6"
- Span: 47'10"

**Cabin**
- Length: 19'8"
- Height: 4'11"
- Width: 5'1"
- Seating (Crew + Pax): 2+6
- Passenger Cabin (including lav): 363 cu ft
- Total Volume (including baggage): 413 cu ft
- Main Entrance Door Height: 4'5"
- Main Entrance Door Width: 2'6"

**Baggage Capacity**
- Internal Lav/Baggage Area: 15 cu ft
- External Tailcone: 50 cu ft
- Total Capacity: 65 cu ft

**Performance**

**Takeoff Field Length**
- Max to Wt, SL, ISA: 4990 ft

**Landing Distance**
- Max Landing Wt, SL, ISA: 2840 ft

**Certified Service Ceiling**
- 51000 ft

**Cruise Performance -- High-Speed**
- Speed: 450 kts
- Fuel Flow: 1200 lb/hr
- Altitude: 41000 ft

**Cruise Performance – Long-Range**
- Speed: 430 kts
- Fuel Flow: 1000 lb/hr
- Altitude: 45000 ft

**Mission Performance (4 passengers)**

**300 nm mission**
- Flight Time: 52 min
- Trip Fuel: 1600 lb
- Flight Level: 31000 ft

**600 nm mission**
- Flight Time: 1 h 45 min
- Trip Fuel: 2500 lb
- Flight Level: 41000 ft

**1,000 nm mission**
- Flight Time: 2 h 20 min
- Trip Fuel: 2900 lb
- Flight Level: 41000 ft