

Specifications and Performance

Beechcraft 1900D Corporate Shuttle

Airport Performance

Takeoff Field Length (Engine-out)		
Maximum Takeoff Weight, Sea Level, ISA.....	3,813 ft	1,162 m
Maximum Takeoff Weight, 5,000 ft elevation, 25C.....	5,235 ft	1,596 m

Landing Distance (Unfactored)

Max Landing Weight, Sea Level, ISA.....	2,790 ft	850 m
V _{Approach}	117 kt	

Climb Performance (Maximum Takeoff Weight)

Time to Climb / Altitude.....	0:16 / 20,000 ft	0:16 / 6,096 m
All-Engine Climb Rate (Flaps UP).....	2,615 ft/min	797 m/min
Engine-Out Rate (Flaps 17).....	650 ft/min	198 m/min
Engine-Out Gradient (Flaps 17).....	316 ft/nm	51.8 m/km

Ceilings

Certified.....	25,000 ft	7,620 m
All Engine Service*.....	33,000 ft	10,058 m
Engine-Out Service.....	17,200 ft	5,243 m

Cruise Performance (High Speed)

Speed.....	280 kt	518 km/hr
Fuel Flow.....	888 lb/hr	403 kg/hr
Altitude.....	20,000 ft	6,096 m

Range (Including 100 NM IFR Alternate)

With Maximum Payload (4,826 lb)	133 nm	246 km
With 14 Passenger Payload (3,080 lb).....	628 nm	1,163 km
Ferry Range.....	1,245 nm	2,306 km

Mission Performance

100 nm.....	0:24 / 417 lb	0:24 / 189 kg
300 nm.....	1:10 / 1,015 lb	1:10 / 460 kg
500 nm.....	1:56 / 1,551 lb	1:56 / 703 kg

**Information only (not a certified altitude)*