

2001 Beechcraft Baron 58

Specifications

Powerplant	Continental IO-550-C rated at 300 hp
Seats	6
Useful load, as tested	1,472 lb
Payload w/full fuel, as tested	478 lb
Maximum takeoff weight	5,500 lb
Maximum landing weight	5,400 lb
Fuel capacity, std.	172 gal (166 gal usable) 1,032 lb (996 lb usable)
Fuel capacity, w/opt tanks	200 gal (194 gal usable) 1,200 lb (1,164 lb usable)
Baggage capacity	(nose) 300 lb, 18 cu ft (aft) 120 lb, 10 cu ft
Performance	
Takeoff distance, ground roll	1,400 ft
Takeoff distance over 50-ft obstacle	2,300 ft
Rate of climb, sea level	1,735 fpm
Single-engine ROC, sea level	390 fpm
Cruise speed/endurance w/45-min reserve, standard fuel (fuel consumption, each engine)	
@ 75% power, best power, 7,000 ft	201 kt/4.3 hr (98 pph/16.4 gph)
Service ceiling	20,688 ft
Single-engine service ceiling	7,400 ft
Landing distance over 50-ft obstacle	1,950 ft
Landing distance, ground roll	1,500 ft

Limiting and Recommended Airspeeds	
V _{LO} (max gear operating)	152 KIAS
V _{NE} (never exceed)	223 KIAS
V _{S1} (stall, clean)	84 KIAS
V _{SO} (stall, in landing configuration)	73 KIAS