Beechcraft 58 Baron Model Guide

The Beechcraft 58 Baron is a twin-engine piston aircraft, listed in the library from 1970 with no end year, seating 4 to 6. The handbook for serials TH 1 through TH 772 lists two Continental IO-520-C engines at 285 hp each, a 5400 lb max takeoff weight for the 58, and 136 gallons of usable fuel as standard.

KEY TAKEAWAYS

- Early serials (TH 1 to TH 772) have two Continental IO-520-C engines, 285 hp each at 2700 rpm, per the 1983 handbook.
- Standard fuel is 136 gallons usable. Optional systems give 166 or 194 gallons usable, so confirm which one the airframe has.
- Baggage space is 18 cu ft in the nose, 37 cu ft in the main cabin and 10 cu ft in the extended aft compartment.
- Ask for proof of the forward elevator cable inspection required by AD/BEECH 55/98 Amdt 1, which covers all Baron 55 and 58 aircraft.

WEIGHTS AND LOADING

The handbook lists the 58 at 5424 lbs max ramp and 5400 lbs max takeoff and landing. The 58A is listed at 5014 lbs ramp and 4990 lbs takeoff and landing. Wing loading is 27.1 lbs/sq ft and power loading is 9.47 lbs/hp. The entrance door is 37 in x 36 in and the utility door opening is 45 in x 35 in.

ENGINES, FUEL AND PROPS

Each engine takes 12 quarts of oil. Fuel is 100LL preferred, with 100 (green) as the minimum grade. Maximum cruise power is 24.5 in. Hg at 2500 rpm. The handbook lists Hartzell and McCauley props in 2-blade and 3-blade versions, so check which set is fitted. A simulator manual says later aircraft use IO-550-C engines at 300 BHP and calls fuel burn the Baron's main downside.

AVIONICS UPGRADE COST

Dynon's June 2024 price sheet lists a Baron 58/58A SkyView HDX autopilot install kit (pitch, roll, yaw brackets and hardware) at $8,300. The STC permission letter is $5,000. Baron 58/58A packages with autopilot are listed from $26,900 to $49,900, depending on the equipment level chosen.

SPECIFICATIONS

Engine Power Hp	285
Fuel Capacity Standard Gal	142
Fuel Usable Standard Gal	136
Fuel Capacity Optional A Gal	172
Fuel Usable Optional A Gal	166
Fuel Capacity Optional B Gal	200
Fuel Usable Optional B Gal	194
Oil Capacity Quarts Per Engine	12

PERFORMANCE

Family Max Cruise Speed Kt	247
Family Max Range Nm	1080
Family Max Service Ceiling Ft	32000

WEIGHT & BALANCE

Max Ramp Weight Lbs	5424
Max Takeoff Weight Lbs	5400
Max Landing Weight Lbs	5400
Model 58a Max Ramp Weight Lbs	5014
Model 58a Max Takeoff Weight Lbs	4990
Model 58a Max Landing Weight Lbs	4990

SAFETY NOTES

- AD/BEECH 55/98 Amdt 1 (CASA, effective 27 February 2012): inspect the forward elevator cable for wear, broken wires and corrosion, or replace it. A failure could cause loss of control.
- Stall can occur above VMCA at some weights and altitudes. The handbook says stall speed is then the limit of effective directional control.
- The handbook does not recommend intentionally failing one engine below the intentional one-engine-inoperative speed.

AI-aggregated guide for the Beechcraft 58 Baron · sources: BEECHCRAFT Baron 58 (#15801) · Reality Expansion Pack for Laminar Beechcraft B58 Baron (#15864) · SkyView HDX System Pricing | Twin-Engine Aircraft (#12916) · SCHEDULE OF AIRWORTHINESS DIRECTIVES (#15834) · generated 2026-10-18 · Reference only, not for flight. Check the original documents before relying on this guide.