

BOEING 757-200 Model Guide

The BOEING 757-200 is a turbofan airliner. The registry lists three variants: 757-200, 757-200CB and 757-200PF. Family-level maximums are up to 228 passengers, 3920 nm range and 41000 ft ceiling. The supplied documents are mostly Boeing bulletins on structure, windshields and cockpit switches, so a buyer's checks should centre on those.

KEY TAKEAWAYS

- BOEING 757-200 family figures are maxima across variants: up to 3920 nm range, 460 kt cruise, 41000 ft ceiling.
- Check compliance with the 2021 center wing box lower skin and rear spar inspection bulletin.
- Early airplanes (line numbers 1 through 174) may have unfilled open holes in fuselage frame webs.
- Ask whether the windshield terminal inspection or replacement bulletin was done.

WHAT IT IS AND WHAT IT CARRIES

Registry data shows a turbofan model with variants 757-200, 757-200CB and 757-200PF. Family maxima, not figures for one variant: 228 passengers, 115600 kg maximum takeoff weight, 3920 nm range, 460 kt cruise, 41000 ft ceiling. The library record lists a piston engine, which conflicts with the turbofan registry data, so disregard it.

STRUCTURAL INSPECTIONS TO VERIFY

Requirements Bulletin 757-57A0075 (issued August 25, 2021) covers the center wing box lower skin and rear spar lower chord on line numbers 1 through 1050. The first inspection is due within 4,000 flight cycles of issue or before 25,000 total flight cycles, whichever is later. Repeats are every 4,000 cycles (external eddy current) or 6,000 cycles (internal detailed). Service Bulletin 757-53A0103 covers frame web open holes between stringers S-20 and S-25, with fatigue cracking as the concern.

WINDSHIELD, SWITCHES AND MANUALS

Service Bulletin 757-30-0019 (Revision 2, April 19, 2010) addresses loose windshield heat terminals. Boeing received nine reports from eight operators of electrical arcs, some of which became open flame incidents. Korry lists service bulletins for 757-200 lighted pushbutton switches. The Boeing Flight Crew Operations Manual supplied (revision 6, May 14, 2010) is marked not for flight use, so verify the operator's own current manuals.

SPECIFICATIONS

Family Max Passengers	228
Family Max Mtow Kg	115600

PERFORMANCE

Family Max Range Nm	3920
Family Max Cruise Speed Kt	460
Family Max Service Ceiling Ft	41000

SAFETY NOTES

- Windshield terminal arcing: a loose connection can damage the internal solder joint, and one windshield had an open flame incident after a retightened connection.
- Cracks found in the wing box inspection require Boeing repair instructions before further flight.
- Boeing says the FAA may issue an Airworthiness Directive that makes the bulletin tasks mandatory.