

Beechcraft 95 Travel Air Model Guide

The Beechcraft 95 Travel Air is a four-seat, twin-engine piston airplane built from 1958 to 1968. The type certificate lists two Lycoming O-360-A1A engines at 180 hp each. It also lists a five-place layout when optional equipment is installed. This guide uses only the supplied documents for limits and inspection points.

KEY TAKEAWAYS

- Two Lycoming O-360-A1A engines, 180 hp each, 2700 rpm limit; fuel is 91/96 minimum grade aviation gasoline.
- Maximum weight is 4000 lb on the Model 95 and 4100 lb on the B95; each baggage compartment is limited to 270 lb.
- Wing forward spar carry-thru cracking is the headline inspection item; a clean airplane is re-inspected every 500 flight hours.
- Check cabin door latching: accidents followed doors opening because pilots did not confirm the latch before takeoff.

LIMITS AND LOADING

Model 95: maximum weight 4000 lb. CG range is +79.4 to +83.0 at 4000 lb and +75.0 to +83.0 at 3480 lb or less. Fuel per side: 25 gal main (22 usable) and 17 gal aux, with an optional 31 gal aux. Oil is 8 qt per engine. Speed limits are CAS: never exceed 208 kt, gear extended 130 kt, flaps extended 113 kt.

AIRFRAME: SPAR AND DOOR

Mandatory Service Bulletin 2269 (SB 53-2269 Rev. 2, incorporated in AD 90-08-14) covers the wing forward spar carry-thru frames on Travel Airs, serials TD-1 through TD-721. Any crack must be repaired with the P/N 58-4008 kit. If there are no cracks, re-inspect every 500 flight hours. The brief ties the cracking to nose gear loads in landing and ground handling. Service Bulletin 2190 requires a cabin door latching placard and a door rigging check.

GEAR, BRAKES AND FUEL SYSTEM

Check nose gear and main gear down-lock tension; on twins the positive downlock must be disconnected to test the main gear. Mandatory SB 32-4125 asks Model 95 owners to review records for P/N 35-825094-4 nose gear plunger parts delivered between March 1, 2012 and March 31, 2013. Dukes electric boost pumps with carbon vanes can shatter; check the pump for Nylatron vanes. The D95A uses 7.00-6 main tires and 5.00-5 nose tires.

SPECIFICATIONS

Engine Power Hp	180
Main Tank Capacity Gal	25
Main Tank Usable Gal	22
Aux Tank Capacity Gal	17
Optional Aux Tank Capacity Gal	31

V-SPEEDS

Maneuvering Speed Kts	139
Max Structural Cruise Speed Kts	161
Never Exceed Speed Kts	208
Flaps Extended Speed Kts	113
Gear Extended Speed Kts	130

WEIGHT & BALANCE

Max Weight Lbs	4000
Max Weight B95 Lbs	4100
Forward Baggage Max Lbs	270
Rear Baggage Max Lbs	270

SAFETY NOTES

- Cabin door opening after takeoff led to loss of control or low-altitude stalls; confirm the door is latched before every takeoff.
- BPPP recommends against soft-field takeoffs in Travel Airs: lift-off into ground effect is below VMCA, and any power loss means losing directional control.
- Shattered carbon vanes in older Dukes boost pumps can reach the engine fuel pump and cause reduced or lost engine power.