

Long-EZ Kit For Sale

General Information:



Figure 1 Long-EZ In Flight (not the parts being described)



Figure 2 Long-EZ Parked (Not the parts being described)

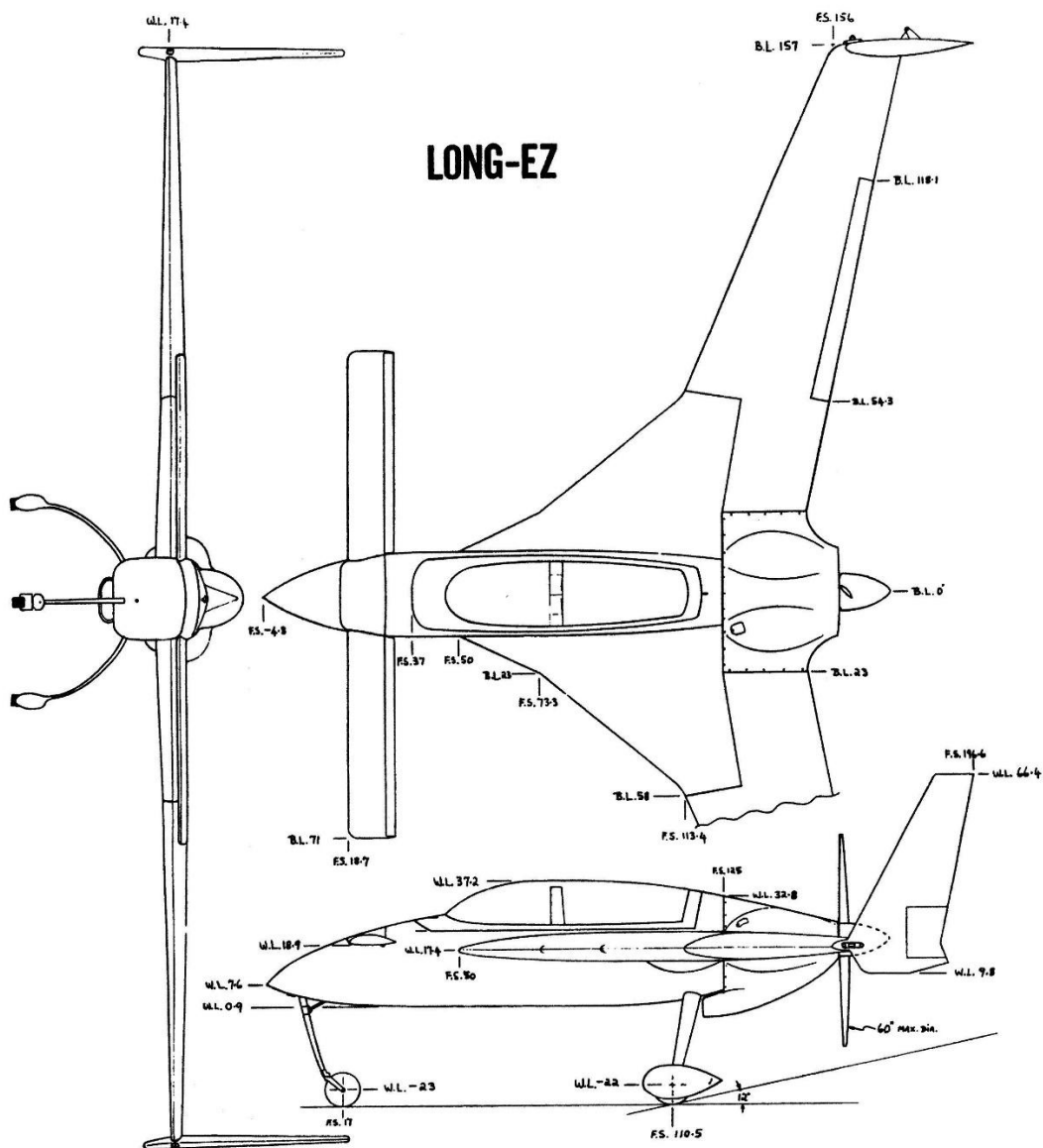


Figure 3 Long-EZ 3-View (Illustration Only)

General characteristics (for information only)

- **Crew:** 1 pilot
- **Capacity:** 1 passenger
- **Length:** 16 ft 10 in (5.12 m)
- **Wingspan:** 26 ft 1 in (7.96 m)
- **Height:** 7 ft 10 in (2.40 m)
- **Wing area:** 81.99 sq ft (7.617 m²)
- **Empty weight:** 710 lb (322 kg)

- **Max takeoff weight:** 1,325 lb (601 kg)
- **Fuel capacity:** 52 US Gal (197 L)
- **Powerplant:** 1 × Lycoming O-235 air-cooled flat-four engine, 115 hp (86 kW)

Performance

- **Maximum speed:** 185 mph (298 km/h, 161 kn) (max cruise)
- **Cruise speed:** 144 mph (232 km/h, 125 kn) (40% power)
- **Range:** 2,010 mi (3,230 km, 1,750 nmi)
- **Service ceiling:** 27,000 ft (8,200 m)
- **Rate of climb:** 1,750 ft/min (8.9 m/s)

LongEZ “kit”:

I have enough of a Long-EZ aircraft to be considered a kit with enough of the build process remaining to earn the Builder’s Certificate. For a variety of reasons I would like to sell it and reclaim the space that it is taking up in what should be my workshop. Also, my chances of finishing it myself range from very low to non-existent.

What is included in the sale:

- RAC’s original builder’s plans and build books and all of the instructional newsletters that help with the build process.
- **Fuselage:**
 - Extended nosecone designed to allow relocation of the battery
 - Improved strength landing gear hoop with wheels and brakes
 - Retractable nose gear installed and functional
 - Strengthened firewall – the original plans purchaser was looking at using a Chevy V8 as the powerplant
 - Built to support up to a O-360 class engine (or other, your choice)
 - Side-stick controls installed
- **Main Wing:**
 - Improved strength box spar, pin-aligned to the fuselage
 - Main wings - match-drilled to the box spar
 - Winglets, including the VHF antenna molded into the left winglet
 - Control wires installed in the wings
- **Canard**
 - Roncz canard – pin-matched to the fuselage
- Canopy (in a box) (no promises on quality as it has been in its box for some decades)
- Numerous fairings for various locations

- Build templates – I have no idea if this is all the templates used so far but everything I have will go with the sale.
- Some stray raw materials:
 - CRES sheet for the firewall
 - Foam blocks
 - Other??
- Not included:
 - Strakes/Fuel Tanks
 - Engine (a 3d printed Chevy small block will be included in the sale)
 - avionics or other electronics
 - pretty much anything needed to finish it.

Parts are offered with no warranty but, if I were in a position to personally finish the aircraft, I would be comfortable doing so. Feel free to respond and arrange an inspection. Does not include shipping and that will need to be arranged if we reach a deal. \$10,500 and I have a minimum price, which I will keep to myself for now, but serious offers will be considered.

















