

The New Era of Aviation
Begins Like the First One.
With an Airplane.



THE ELECTRA EL9 ULTRA SHORT



Harnessing Electric Technology for Breakthrough Performance

Electra is building a new category of airplane – the Ultra Short – that can take off and land in just 150 feet. Its innovative design delivers reliable service, quiet operations, and improved efficiency at lower cost.

Enhanced Aerodynamics Through Blown-Lift

By blowing air over the wing and large flaps with an array of electric motors, our EL9 Ultra Short multiplies the amount of lift the wing makes at very slow speeds – as slow as 35 knots. The key is in the accelerated airflow forming a thick jet sheet coming off the trailing edge of the wing, making the wing act virtually larger than it physically is. In climb and cruise, we reduce blowing and retract the flaps for ultra-efficient operations.



All-Electric Power. Hybrid-Electric Efficiency.

Our hybrid-electric system uses a turbogenerator for cruising, plus batteries for takeoff and landing. This keeps the turbogenerator small and efficient, reducing fuel use and maintenance costs. Batteries can recharge in flight. The system works with sustainable aviation fuels and can eventually use hydrogen for zero-emission flight.

Precision Operations From Advanced Fly-By-Wire

Our triple-redundant, fly-by-wire system automatically coordinates the flight-control surfaces and eight electric motors to maintain safe operations throughout the flight. It automatically manages the complexity of operating in the slow-speed flight envelope to ensure repeatable precision landings, addressing past challenges with conventional designs.

The New Ultra Short Airplane That Makes the Future of Aviation Work



ACCESS

150-foot takeoff and landing

- ▶ Operate from soccer field-sized spaces with the simplicity of a fixed-wing aircraft

QUIET

75 dBA at 300 feet

- ▶ Sound level at takeoff, comparable to road traffic

PAYLOAD

Nine passengers, plus their bags

- ▶ Carry 2,700 lbs. of passengers and baggage or 3,000 lbs. of cargo

RANGE & SPEED

1,100 nm ferry range + 45 min reserve 175 KTAS max cruise speed

- ▶ Increase your reach, shorten your overall trip times

SAFETY

Triple redundant, fly-by-wire system

- ▶ Safe, proven airplane design and operation

AFFORDABILITY

Lower fuel burn than comparable aircraft

- ▶ 70% lower operating cost than helicopter or eVTOL





Fulfilling the Promise of Direct Aviation

The EL9 Ultra Short gives people the freedom to travel and connect – from where they are to where they want to go. Avoid clogged airports. Eliminate long drives. Cut travel time in half. This is what we all have been waiting for. This is the promise of Direct Aviation. And Electra is making it real.

- ▶ **First nine-passenger EL9 Ultra Short flight** targeted in 2027/28.
- ▶ Market-leading **\$15B provisional order backlog** with 2,200+ LOIs – now converting to firm, fixed agreements, including the first binding deal with Bristow.
- ▶ **FAA type certification** of the hybrid-electric EL9 underway under 14 CFR Part 23 (fixed-wing regulations).
- ▶ **Production agreement signed with Evolito** for EL9 electric engines.
- ▶ **Takeoffs and landings in less than 150 feet** flown with the EL2 Ultra Short prototype during government and commercial demo flights.
- ▶ **\$50M funding by U.S. Department of War** to date for Ultra Short technology development.
- ▶ Strategic investors include **Lockheed Martin, Honeywell, and Safran.**
- ▶ **Experienced team** has collectively delivered and/or certified more than 40 novel aircraft.



Learn more about
the EL9 Ultra Short and
download this brochure.

Electra.aero

