

# ELECTRA REVEALS DESIGN FOR EL9 ULTRA SHORT HYBRID-ELECTRIC AIRCRAFT

News / Business aviation, Manufacturer



**Electra revealed the design of its EL9 Ultra Short hybrid-electric product aircraft, a nine-passenger piloted aircraft built for the electric future that redefines air travel without airports, emissions, or noise. Electra now enters the development phase of the EL9 backed by over a year of successful flight testing of its EL2 Goldfinch two-seat prototype, proving the technology's readiness for the future of electric aviation.**

Marc Allen, CEO of Electra commented: "Today's reveal of the EL9 showcases the dedication of our incredible team and partners. This aircraft is more than a new design—it's the gateway to a cleaner, quieter, and more affordable future for regional travel. With the EL9, we're not just making sustainable aviation a reality, we're redefining how people and cargo move through Direct Aviation, a new category of safe and seamless travel that brings air mobility closer to where we live, work and play."

Electra's innovative EL9 hybrid-electric propulsion system with blown lift technology enables ultra-short takeoffs and landings in soccer field-size spaces previously limited to helicopters and eVTOLs, but at one-third the cost and with the improved safety and reliability of a fixed-wing aircraft. This unlocks thousands of new locations for direct air service, including small regional airports or unconventional sites like grass fields or parking lots, offering seamless point-to-point regional connectivity for both passengers and cargo. The EL9 aircraft operates with far lower emissions and noise than conventional planes, while its hybrid-electric power system provides

extended range and inflight battery recharging, with no ground charging stations required.

The EL9 combines blown lift technology with distributed electric propulsion using four independent battery packs and a small turbine-powered generator that drives eight electric motors distributed along the wing to provide high lift at low airspeeds. The aircraft can take off and land in as short as 150 feet, and cruises at 175 knots. With range and payload to fly missions that matter, the EL9 will carry nine passengers with baggage or 3,000 pounds of cargo for 330 nautical miles, and has a maximum ferry range of 1,100 nautical miles with IFR reserves. It will be certified for IFR and flight into known icing conditions. While the EL9 will be equipped with two pilot crew stations, Electra's Safe Single Pilot technology with fly-by-wire controls will enable ease of precision landings for a single pilot.



Revolutionize air travel by bringing it closer to where we live, work, and play, making new connections possible.

**9** passengers  
**3,000** lbs max payload (1,360 kg)  
Passenger and cargo variants

 150ft (45m) Takeoff distance	 Ultra-quiet operations	 175 kts cruise	 1,100 nm max range + IFR reserves	 Large cargo/passenger compartment	 IFR/Icing	 Zero carbon emissions	 Low maintenance cost
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**Built for the electric future.**

- Multi-engine safety for single engine operating costs
- Quad-redundant propulsion system
- 70+% less to operate than a helicopter or eVTOL
- Safe Single Pilot™ operations

[www.electra.aero](http://www.electra.aero)



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