

Ampaire's Hybrid Electric EEL Aircraft To Spotlight Efficiency Breakthroughs At Regional Air Cargo Association Annual Conference



The demonstrator aircraft will show how hybrid electric technology promises dramatic operating cost reductions and fuel savings for cargo operators.

Hawthorne, CA November 1, 2023 - Ampaire Inc., a leader in hybrid electric aircraft systems, will display its hybrid electric EEL demonstrator aircraft at the Regional Air Cargo Carriers Association's (RACCA) annual conference in Scottsdale, AZ this week.

After the remarkable success of the EEL's [record-breaking trip](#) to Alaska a few months ago, Ampaire CEO Kevin Noertker is eager to fly with the aircraft to Scottsdale and be on hand to discuss the potential of hybrid electric aviation and its far-reaching impact on the future of transportation.

“We are delighted to demonstrate our technology in front of regional cargo carriers,” said Noertker. “By deploying Ampaire's cutting-edge hybrid electric technology, we're





Ampaire Inc.
3507 Jack Northrop Ave.
Hawthorne, CA 90250
www.Ampaire.com

not merely propelling aircraft, we're enabling a future where sustainability and capital efficiency become the cornerstone of air cargo operations. This is about ensuring every parcel delivered is a step forward towards a greener, more connected world.”

The EEL has demonstrated fuel savings of up to 40 percent versus a standard Cessna Skymaster, on which it is based. The aircraft is a parallel hybrid, with one conventional combustion engine and an independent electric drivetrain. Optimized hybrid electric aircraft can demonstrate substantially higher fuel savings and emissions reductions, making it ideal for owner-flown, charter and short-haul regional airline/cargo carriers.

The EEL demonstrator aircraft has been key in the development of high-powered electronics, inverters, motors, and related systems. It is the workhorse that has ushered in Ampaire’s AMP-H570 AMP Drive™ hybrid electric propulsion units, capable of 50 to 70 percent reduction in fuel and emissions as compared to conventional Pratt & Whitney PT6 turboprop engines. The AMP Drive™ powerplant is already integrated in Ampaire’s Eco Caravan, which [first flew](#) in November 2022 and is slated for certification in the Caravan airframe by early 2025. Ampaire is also working on low-emission variants of the King Air and Twin Otter turboprops, used the world over as regional airliners, cargo haulers and bush aircraft.

RACCA is a network of cargo carriers who specialize in transporting packages and cargo to and from major airports and smaller communities. The static display will take place at the Scottsdale Airport on Wednesday, November 1, 2023. Learn more about the conference [here](#).

About Ampaire

Los Angeles-based Ampaire was formed in 2016 with a mission to become the world's most-trusted developer of practical, compelling electric aircraft. The company has developed a platform of hybrid electric and electric propulsion technologies applicable across numerous aircraft types. Upgrading existing aircraft to hybrid electric power is Ampaire’s rapid, capital efficient approach to making commercial electric air travel a reality with available technology. Ampaire has scored a series of industry firsts since the 2019 maiden flight of its Electric EEL technology testbed aircraft, including the longest flight for a hybrid electric aircraft--1,135 statute miles en-route from Los Angeles to Oshkosh, Wisconsin, and the maiden flight of its hybrid electric Eco Caravan aircraft in 2022, the world’s largest hybrid electric airplane. For more information about Ampaire, <https://www.ampaire.com/>.

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