

In 2020, Rolls-Royce will make history when its first fully electric aircraft takes to the skies over Wales. Funded by the UK government, the “Accelerating the Electrification of Flight” project (ACCEL) is an effort to build, test, and commercialise a specially designed aircraft powered entirely by megawatts. Rolls-Royce and its partners, Electroflight and YASA, intend the single-passenger aircraft to break a series of speed, performance, and development records. ACCEL’s overarching mission is to develop the requisite technology and supply chain knowledge to spur development of future aircraft concepts and establish the UK as a global leader in all-electric aviation. Here’s a look at ACCEL’s key features.

Project name	ACCEL
Max power	750 kW
Top speed	300+ MPH
Range	200 miles
Development	24 months
Collaborators	  

