



EASA publishes proposed airworthiness standards for small eVTOL aircraft for public consultation

29 October 2018

On 15 October 2018, the European Aviation Safety Agency (EASA) opened a public consultation on [proposed airworthiness standards](#) for the certification of small electric vertical takeoff and landing (eVTOL) aircraft. EASA is the first civil aviation agency to propose a regulatory framework for the certification of eVTOL aircraft.

eVTOL aircraft and the urban mobility concepts they will enable have the power to transform cities around the world by enabling faster and more efficient transport of people and cargo. Globally, eVTOL aircraft are in varying stages of development, and recent advancements in artificial intelligence (AI) and battery technology are bringing eVTOL aircraft closer to reality.

One challenge facing policymakers is the issue of how to certify entirely new classes of aircraft, like eVTOL aircraft, using a regulatory framework that was developed with a focus on certifying traditional fixed-wing aircraft and rotorcraft. EASA's eVTOL proposal is the first step in a process that will enable a regulatory framework for the safe operation and certification of eVTOL aircraft in Europe.

EASA's proposed standards would create two categories of eVTOL aircraft — basic and enhanced. Under EASA's proposal, eVTOL aircraft intended for operations over congested areas or for the commercial transportation of people or cargo would need to be certified under the enhanced category. The initial proposed standards would only apply to "small" eVTOL aircraft, which are defined as

- an aircraft having a seating capacity of five or less; and
- a maximum certified takeoff mass of 2,000 kilograms or less.

EASA's proposal is open for public comment until 15 November 2018.

Please contact us if you are interested in participating in the public consultation process.

Contacts



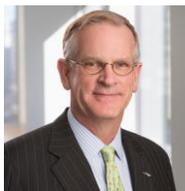
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