

# AAM Prepared Definitions

**Advanced Air Mobility (AAM).** An air transportation system primarily utilizing electric aircraft, including eVTOL and eCTOL aircraft to carry passengers, cargo, or provide services in an urban or regional setting, with a gross takeoff weight of 300 lbs. or more.

**Air Taxi.** An aircraft operating under an air taxi operating certificate for the purpose of carrying passengers, mail, or cargo for revenue in accordance with FAR 121 or FAR Part 135.

**Combined Charging Standard (CCS):** A widely accepted global charging standard for electric vehicles (EVs) that supports most electric aviation and electric ground vehicles.

**Controlled Airspace.** Airspace of defined dimensions within which ATC service is provided to IFR and VFR flights in accordance with the airspace classification. Controlled airspace is a generic term that covers Class A, Class B, Class C, Class D, and Class E Airspace.

**Controlling dimension (D).** The diameter of the smallest circle enclosing the VTOL aircraft projection on a horizontal plane, while the aircraft is in the takeoff or landing configuration, with rotors/propellers turning, if applicable.

**Design VTOL aircraft.** The design vertical take-off and landing (VTOL) aircraft is the largest electric, hydrogen, or hybrid VTOL aircraft that is expected to operate at a vertiport. This design VTOL aircraft is used to size the TLOF, FATO, and Safety Area.

**eVTOL.** Electric vertical take-off and landing (aircraft)

**eCTOL.** Electric conventional take-off and landing (aircraft)

**Helipad.** A small, designated area, usually with prepared surface, on a heliport, airport, landing/takeoff area, apron/ramp, or movement area used for takeoff, landing, or parking of helicopters. A Helipad may also be used for electric, hydrogen, and hybrid VTOL aircraft.

**Heliport.** An area of land, water, or structure used or intended to be used for the landing and takeoff of helicopters. A Heliport may also be used for electric, hydrogen, and hybrid VTOL aircraft.

**OEMs.** Original Equipment Manufacturers.

**Powered-Lift Aircraft.** A heavier-than-air aircraft capable of vertical takeoff, vertical landing, and low speed flight that depends principally on engine-driven lift devices or engine thrust for lift during these flight regimes and on nonrotating airfoil(s) for lift during horizontal flight.

**Regional Air Mobility (RAM).** An air transportation primarily utilizing eCTOL and eVTOL aircraft to carry passengers, cargo, or provide services in a regional setting.

**Urban Air Mobility (UAM).** An air transportation primarily utilizing eCTOL and eVTOL aircraft to carry passengers, cargo, or provide services in an urban setting.

**Vertiport.** An area of land, or a structure, used or intended to be used for electric, hydrogen, and hybrid VTOL aircraft takeoffs and landings and includes associated buildings and facilities.

**Vertistop.** A vertistop is a term generally used to describe a minimally developed vertiport for boarding and discharging passengers and cargo (i.e., no fueling, defueling, maintenance, repairs, or storage of aircraft, etc.).

**VTOL.** Vertical take-off and landing (aircraft)

