



After cars, now planes are starting to go electric

June 19, 2019

Israeli startup Eviation on Tuesday unveiled an electric plane able to take nine people over six hundred miles on a single charge. But big hurdles remain in the way of electric flight.

1. After electric cars, _____

2. Israeli startup Eviation this week _____

3. It will be able to fly nine people _____

4. Critically, _____

5. On Tuesday Eviation said _____

6. Eviation boss Omer Bar Yohay says _____

EVIATION CEO, OMER BAR YOHAY, SAYING:

"This is going to make flights cheaper, and it's going to make flights more comfortable, less noisy, actually less bumpy because of all sorts technological advances we've built into it."

7. Dozens of other electric flight projects _____

8. Little wonder, with aviation under pressure _____

9. Many _____

10. This is _____

11. The ride hailing app says its service, dubbed Elevate, _____

12. Dallas, Los Angeles, and Melbourne _____

13. But to really make flying green, _____

14. Airbus is set to test an old airliner _____

15. It's a hybrid, mixing conventional _____

16-1. One big problem for all such projects though: _____

16-2. and can't store as much energy _____

17. Eviation _____

18. But it may be a long time _____

[Vocabulary]

battery power: battery power supply

startup: a fledgling business enterprise; the act of starting a new operation or practice

Eviation: Established in 2015, Eviation's headquarters are in Israel, with a U.S. office in Prescott, Arizona.

unveil: to announce something officially that was previously a secret

charge: An act or period of storing electrical energy in a battery

on a single charge:

wacky: funny, or silly

• *He's the wackiest person I know.*

concept: an idea for something new

• *Some students failed to grasp even the simplest mathematical concepts.*

enter: to start to take part in a particular activity or to work in a particular job

• *There are dozens of new companies entering the software market.*

service: a bus, train, ship, or plane that goes regularly to a particular place or at a particular time

• *The 10:17 service to White Plains has been canceled again.*

firm: a business or company

• *She works for a large firm.*

Cape Air: an airline headquartered at Barnstable Municipal Airport in Barnstable, Massachusetts, United States. It operates scheduled passenger services in the Northeast, the Caribbean, Midwest, and Eastern Montana.



overdue: if something is overdue, it should have been done before now

• *The settlement is now two weeks overdue.*

flight: a trip through air

• *My flight has been delayed.*

bumpy: a bumpy ride, flight, or trip is uncomfortable because of bad weather or a bad road

• *bumpy flight*

advance: progress in science, technology, human knowledge, etc.

technological advance:

under way: in progress; having begun.

• *Renovations to the State Capitol are currently under way.*

aviation: the practice of flying airplanes

• *Travel was much slower before the age of aviation.*

under pressure: facing or enduring a great amount of stress caused by some compelling or constraining influence

- *Sorry, I'm just under so much pressure at work that it's made me rather irritable.*
- hefty**: large and heavy; large in amount or extent or degree
- greenhouse**: of or relating to or caused by the greenhouse effect
- emission**: a substance, especially a gas, that goes into the air
- greenhouse gas emissions**: *ecology* the emission into the earth's atmosphere of any of various gases, esp. carbon dioxide, that contribute to the greenhouse effect
- focus on**: to center on or be dedicated to something in particular
 - *Have you decided which topics the meeting will focus on?*
- short-hop**: short distance
- urban**: relating to towns and cities, or happening there
 - *People moved to the urban areas for jobs.*
- mobility**: the ability to travel from one place to another
 - *A car would give you greater mobility.*
- Uber**: American multinational transportation network company offering services that include peer-to-peer ridesharing, ride service hailing, food delivery, and a bicycle-sharing system.
- hail**: to hail a taxi; to wave or call for a taxi to pull over and stop
 - *Cabs can be hailed in the street.*
- app**: An application, especially as downloaded by a user to a mobile device
 - *'I've just installed the app on my phone.'*
- hailing app**:
- dub**: to give someone or something a particular name or description, often a humorous one
 - *The press have dubbed her "the Silent Star."*
- operation**: A business or company can be referred to as an operation.
 - *That company's operations have been steadily profitable.*
- begin operation**:
- location**: *the place or position where someone or something is or where something happens*
 - *The restaurant has a location in New York, and is opening a new location in Tokyo.*
- green**: designed to protect the environment or to limit damage to the environment
- Airbus**: an aeroplane which is designed to carry a large number of passengers for fairly short distances; a commercial aircraft manufactured and marketed by an international consortium of aerospace companies
- set to**: to start doing something in a determined or enthusiastic way
 - *I'm all set to go. Are you ready? We are set to leave at a moment's notice.*
- airliner**: a large aircraft for passengers
- hybrid**: a vehicle that uses two or more kinds of power, for example a car that can run using either gas or electricity
- conventional**: of the usual, traditional, or accepted type, instead of being new and different
- conventional power**:
- project**: a planned piece of work that has a particular aim, especially one that is organized by a government, company, or other organization
- battery**: electric battery; an object that fits into something such as a radio, clock, or car and supplies it with electricity
- store**: to keep something in a particular place
 - *Nuclear waste is currently being stored close to the town.*

- **equivalent:** with the same size, value, importance, or meaning as something else
 - *The price is \$30,000, or the equivalent amount in euros.*
- **jet fuel:** *aviation fuel* to be used in **jet** aircraft
- **compensate:** to adjust or make up for
- **structure:** something that is built from different parts
- **light structure:**
- **beast:** used for describing something with a particular quality; airplane
- **go green:** to do more to protect nature and the environment
 - *The Chancellor proposed a crackdown on car and plane emissions, and the introduction of tax incentives to go green.*