Will there be unmanned aircraft approaching the Mars atmosphere in the future?

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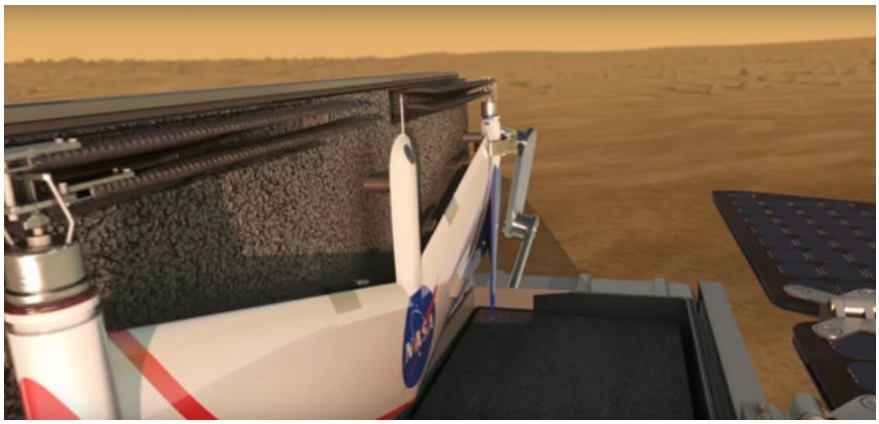
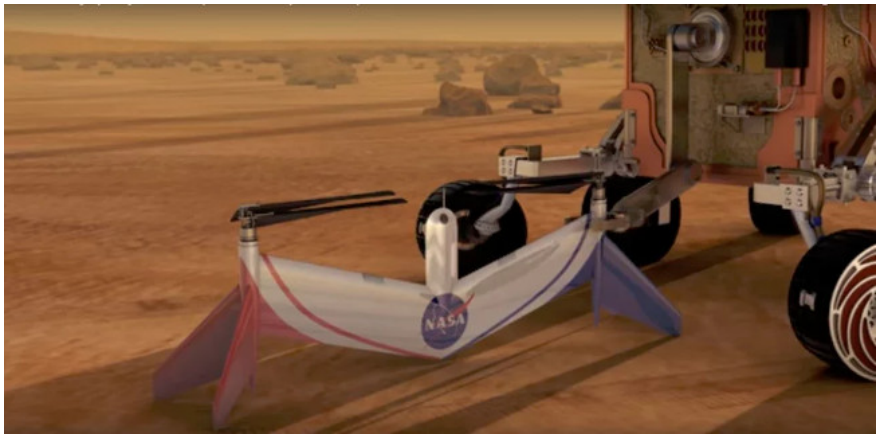
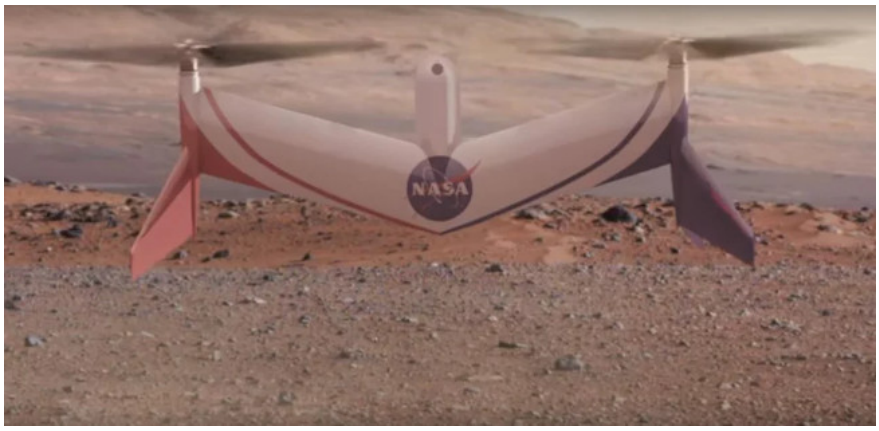


Previously, NASA's Rover devices had a mission to probe Mars. However, every four and a half years, the device can only move 16 km. This is an immense limitation in the exploration of the vast, vast world of Mars.

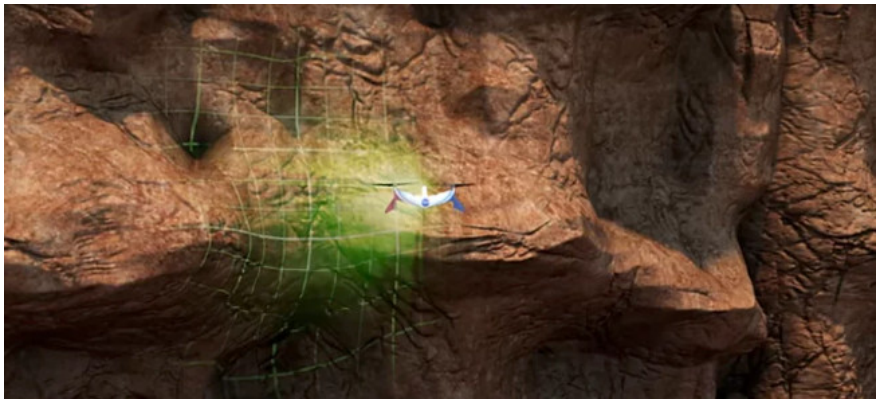
Recognizing that, NASA's Langley Research Center is currently considering extending the scope of the survey, increasing the speed of surveillance with electrically powered unmanned machines that promise to run much faster than devices. Simultaneously Rover can also track these devices from base stations directly on Mars without having to go through the Telescope .



It is known that this unmanned aircraft will be fully charged, and transported by another jet. Even with advanced sensors, this unmanned aircraft can also explore lava tubes on Mars.

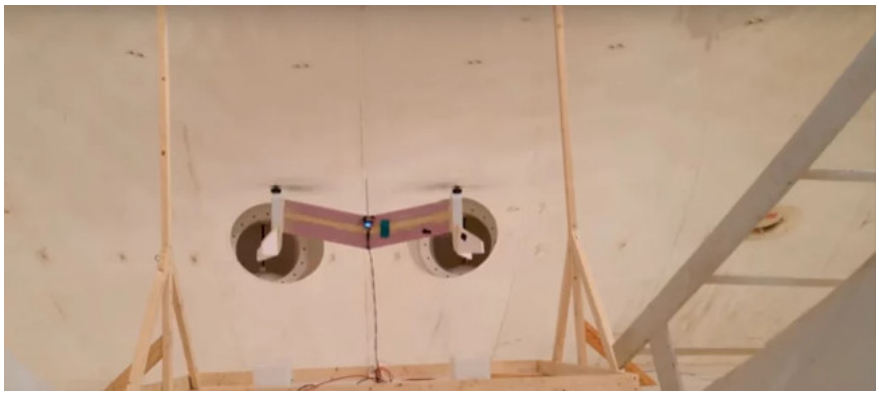


Although still in testing phase, but this unmanned aircraft is expected to have a design like rechargeable Vertical TakeOff and Landing (VTOL) aircraft, it can perform long-range missions without need human intervention. Langley said that they will operate based on new engine and battery technologies that can allow it to perform multiple survey flights over large areas of the Red Planet. Its main task is to examine and collect data to map Mars geology through the support of remote sensors.



Besides, this unmanned aircraft after successful construction will be sent to the NASA Substation and then it is installed inside a jet plane that carries it directly into the Martian atmosphere.

When arriving at Mars, the jet robot's arms will pick up unmanned aerial equipment from the hull, and then the groundless drone can then independently take off as a survey mission.



This unmanned aircraft is built and easily controlled remotely, it can be operated easily in the atmosphere of Mars's thin atmosphere and it can easily switch to fly, fly vertical to take off as well as landing . With the ability to self-control precisely with pre-programmed without the participation of direct human control, this plane also easily landed, entered into the The following lava tube, canyon to map Mars geology is easy, safe and will limit many obstacles.

After completing each mission, the aircraft will land near the Cruiser and will be received by the ship's robot system to charge.

Currently this model of unmanned aircraft is being tested in low-pressure cockpit in Langley. In addition, the exercises on how to fly are, flying upright during takeoff and landing are also underway.

In addition, NASA is also planning these "unmanned aerial vehicles" to perform additional missions to find ideal habitats on Mars.

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