



Dragonfly Rotorcraft Mission

[Source: NASA](#)

Recently, NASA has confirmed the **Dragonfly rotorcraft mission to Saturn's moon, Titan.**

- Dragonfly is a **dual quadcopter**, resembling a **car-sized rotorcraft** that can cover tens of kilometres on Titan in under an hour.
- Due to Titan's hazy atmosphere, Dragonfly will use a **radioisotope power system**, similar to the [Curiosity rover on Mars](#).
- Dragonfly will **fly to dozens of promising locations on Titan** looking for **prebiotic chemical processes common on both Titan and Earth**.
- This will be the first time **NASA** will fly a multi-rotor vehicle for science on other planets.
- The craft will land first at the **equatorial "Shangri-La" dune**, exploring the region in short trips before building up to longer **"leapfrog" flights of 8 kilometres**.
- Saturn is the sixth planet from the Sun and the **second-largest planet in the Solar System**, known for its distinctive ring system.
 - **Titan is Saturn's largest moon**, has an **earthlike cycle of liquids flowing across its surface**.
 - It is the **only moon with a thick atmosphere**.

Read More: [Dragonfly Mission](#)

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