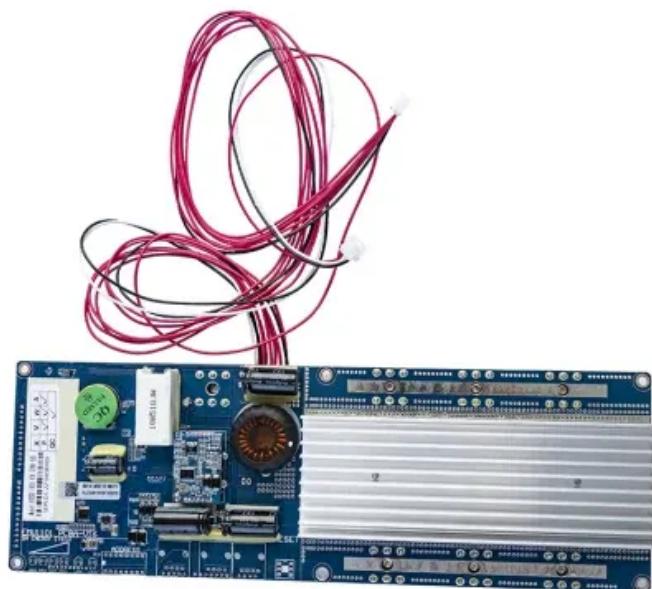




BLINK SOLAR

Sofia Civilian solar System



Overview

What is Sofia used for?

SOFIA is a powerful, general-purpose infrared observatory used to study the birth of new stars, planetary nebulae and supernova remnants, the atmospheres of Solar System objects, and many more.

What did astronomers study on SOFIA?

SOFIA, the Stratospheric Observatory for Infrared Astronomy, was designed to observe the infrared universe. Astronomers on SOFIA studied eclipse-like events of Pluto, Saturn's moon Titan, and Kuiper Belt Object MU69 to study the objects' atmospheres and surroundings.

What is SOFIA telescope?

SOFIA is comprised of a Boeing 747SP aircraft modified to accommodate a 2.5 meter gyro-stabilized telescope. SOFIA is the largest airborne observatory in the world. From high in Earth's atmosphere, the mission can make observations that are impossible for even the largest ground-based telescopes on the highest mountain peaks.

What did NASA's Sofia do?

An illustration of NASA's SOFIA, a modified Boeing 747 aircraft. The colors depicted in this illustration are for artistic purposes only. SOFIA carried a reflecting telescope that observed the cosmos in infrared light.

Sofia Civilian solar System



SOFIA Science

SOFIA's instruments operate in the near-, mid-, and far-infra-red wavelengths, each suited to studying a particular phenomenon. Flying into the stratosphere at

...

Top Ten Discoveries from SOFIA , News , Astrobiology

The planetary system around the star Epsilon Eridani, or eps Eri for short, is the closest planetary system around a star similar to the early Sun. SOFIA studied the infrared ...



SOFIA (Stratospheric Observatory for Infrared Astronomy)

SOFIA carried a reflecting telescope that observed the cosmos in infrared light. It flew into Earth's stratosphere, up to about 45,000 feet (13,700 meters), and collected data ...

Max Planck Institute for Solar System Research

Science objectives SOFIA will be used to study many different kinds of astronomical objects and phenomena, but some of the most interesting are: Star birth and ...



SOFIA

The Flying Observatory SOFIA, the Stratospheric Observatory for Infrared Astronomy, was a Boeing 747SP aircraft modified to carry a 2.7-meter (106-inch) reflecting ...

SOFIA (Stratospheric Observatory for Infrared Astronomy)

SOFIA is a powerful, general-purpose infrared observatory used to study the birth of new stars, planetary nebulae and supernova remnants, the atmospheres of Solar System ...



Top Ten Discoveries from SOFIA , News

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closest planetary system around a star similar to the ...



Stratospheric Observatory for Infrared Astronomy (SOFIA)

Stratospheric Observatory for Infrared Astronomy (SOFIA) Allowing astronomers to study the solar system and beyond from 38,000-40,000 feet altitude [LEARN MORE](#):



SOFIA

EXECUTIVE SUMMARY From the discovery of water on the sunlit surface of the Moon to the detection of the first molecule to form in the infant universe, the Stratospheric ...

SOFIA , Missions , Astrobiology

SOFIA is making observations of new solar systems, complex molecules in space, and planets in our own Solar

System.



-  100KW/174KWh
-  Parallel up-to 3sets
-  IP Grade 54
-  EMS AND BMS

SOFIA (Stratospheric Observatory for Infrared ...

SOFIA is a powerful, general-purpose infrared observatory used to study the birth of new stars, planetary nebulas and supernova ...



Microsoft Word

The Solar System and Exoplanets breakout session identified a number of key niches for the facility. Most importantly, the 28 - 160 mm wavelength range will prime SOFIA ...

Contact Us

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