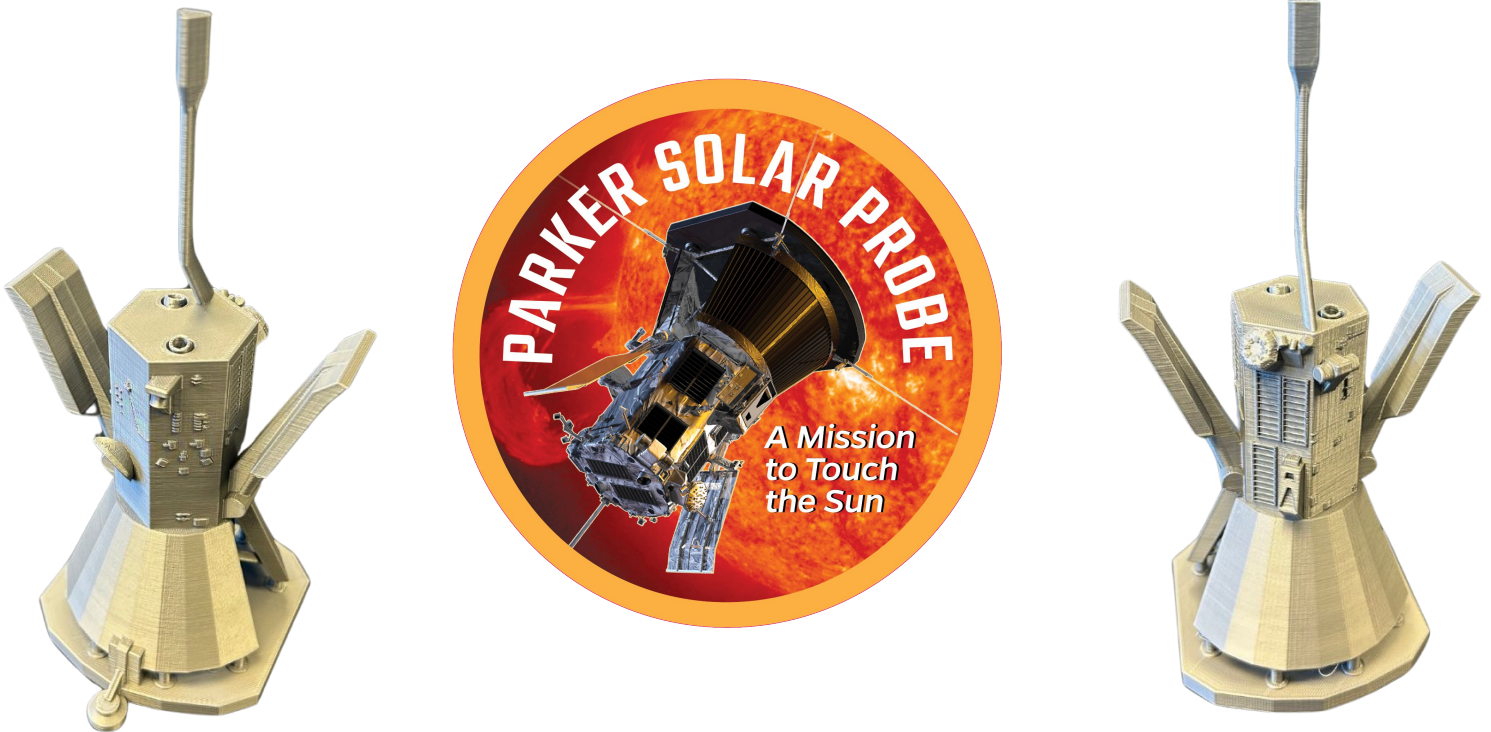


# Parker Solar Probe 3D Print Model



Get ready for Parker Solar Probe's closest planned approach to the Sun on Dec. 24, 2024! At that point, with its orbit shaped by the mission's final Venus gravity assist on Nov. 6, 2024, the spacecraft will zip just 3.8 million miles from the solar surface, moving about 430,000 miles per hour. Parker Solar Probe provides new data on solar activity and makes critical contributions to our ability to forecast major space weather events that impact life on Earth.

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## Tech/Materials:

- For 3D Printed Parker Solar Probe Model:
  - 3D Slicer Software
  - 3D Printer
  - Filament

## Note:

- For best resolution, ideal model size is at least Z = 127 mm (5 in)

## Designer:

- Model optimized for 3D print by Troy King from a NASA developed CAD file

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Download the 3D printer files:  
[science.nasa.gov/resource/parker-solar-probe-3d-model/](https://science.nasa.gov/resource/parker-solar-probe-3d-model/)