

Title: Pioneer 10 wikipedia

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An interplanetary probe launched in 1972 that became the first spacecraft to cross the asteroid belt, visit Jupiter, and leave the Solar System, sending its final signal in 2003 after traveling over 7.6 billion miles.

Pioneer 10 / 11 Five years after the early Able space probe missions ended, NASA Ames Research Center used the Pioneer name for a new series of missions, initially aimed at the inner Solar System, ...

Pioneer 10 was NASA's first mission to the outer planets. The mission was a spectacular success and the spacecraft notched a series of firsts unmatched by any other robotic spacecraft to ...

Pioneer 10 was the first spacecraft to travel through the Asteroid belt and the first to make direct observations of an outer planet. Pioneer 10's mission was to study Jupiter's atmosphere, ...

NASA's Pioneer 10 mission launched on March 2, 1972, followed by Pioneer 11 on April 5, 1973. Pioneer 10 is credited with being the first spacecraft to traverse the asteroid belt and fly by Jupiter.

Pioneer 10 was built by the TRW Space & Technology Group, Redondo Beach, California, for the NASA Ames Research Laboratory. It was launched by a three-stage Atlas Centaur rocket from Launch ...

Pioneer 10 (originally designated Pioneer F) is a NASA space probe launched in 1972 that completed the first mission to the planet Jupiter. [6] Pioneer 10 became the first of five artificial objects to ...

Find out information about Pioneer 10, the first spacecraft to have overcome the escape velocity from the Solar System. Learn about its mission, the design of the spacecraft, its instrumentation and its ...

On Nov. 6, 1973, while still 16 million miles from Jupiter, Pioneer 10 began to image the giant planet with the photopolarimeter, and shortly thereafter began to take measurements with its ...

The Pioneer mission set the stage for U.S. space exploration. Pioneer 1 was the first manmade object to escape



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the Earth's gravitational field. Later Pioneer 4 was the first spacecraft to fly to the moon, ...

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