

# Pioneer 11 wikipedia



## Overview

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Pioneer 11 (also known as Pioneer G) is a NASA robotic space probe launched on Ap, to study the asteroid belt, the environment around Jupiter and Saturn, the solar wind, and cosmic rays. It was the first probe to encounter Saturn, the second to fly through the asteroid belt, and the second to fly by Jupiter. Later, Pioneer 11 became the second of five artificial objects to achiev. Mission typePlanetary / explorationOperator / COSPAR IDSATCAT no.6421Mission backgroundApproved in February 1969, Pioneer 11 and its twin probe,, were the first to be designed for exploring the . Yielding to multiple proposals throughout the 1960s, early mission objectives. The Pioneer 11 probe was launched on Ap, at 02:11:00 UTC, by the from at, Florida aboard an launch.

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### Pioneer 11 Stories

In space, the first to explore beyond Mars were Pioneers 10 and 11, twin robots who charted the course to the cosmos. A rare alignment of the outer planets in the late 1970s provided an ...

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### PDS/PPI Missions

The Pioneer mission set the stage for U.S. space exploration. Pioneer 1 was the first manmade object to escape the Earth's gravitational field. Later Pioneer 4 was the first spacecraft to fly to the moon, ...



### 45 Years Ago: Pioneer 11 Launched to Study Jupiter and Saturn

Pioneer 10 launched first on Ma, and its twin Pioneer 11 on Ap(April 6 UTC). Pioneer 11 carried 11 scientific instruments, one more than its predecessor, to study Jupiter ...

## Pioneer program

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, before the flyby ...



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