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Did You Know?

- * *Jupiter is named after the ruler of the Roman gods Zeus*
- * *It is the 5th planet from the sun*
- * *The diameter is 88,850 miles (142,984 kilometers)*
- * *The length of day (in Earth time) is 9 hours and 55 minutes*
- * *The length of year is (in Earth time) 11.88 years*
- * *Jupiter is made of gas and solid pieces*
- * *Its atmosphere is 86% hydrogen, 14% helium*
- * *The 16 satellites areAdrastea, Metis, Amalthea, Thebe, Io, Europa, Ganymede, Callisto, Leda, Himilia, Lysiththea, Elara, Ananke, Carme, Pasipahe and Sinope*
- * *Jupiter is the largest planet in the solar system*
- * *Jupiter has a Great Red Spot which is a giant storm*
- *Jupiter is made of a solid rock ball of hot liquid surrounded by thick clouds of gas and coloured bands around planet*

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Getting to Your Planet

On the trip to Jupiter you will see Earth, the Moon, The Meteor Belt and Mars!

Tour Guides

On of our Canadian tour guides will be Marc Garneau because he is very experienced and he is also a science wiz. He even won an award for the best space journal.



Our other tour guide will be Julie Payette, who is also a Canadian. She was born on October 20, 1963 in Montreal, Quebec. Julie Payette is still alive and well. During her life of space Julie has delivered 4 tons of logistics and supplies to a space station. Julie Payette was the first woman to ever set foot in Jupiter. She has lived most of her life in Canada.

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Survival Needs On Route

Description of Space Suit: Arm assembly, helmet, communications carrier device, airlock adaptor plate, display and control module, primary life support subsystem, gloves, secondary oxygen pack, battery, oxygen, helmet, gloves, lower torso, upper torso, camera, cable, earphones, lights and a jet pack!

Basic Needs: tortillas, tuna, fish, eggs, yogurt, macaroni and cheese, pudding, peices of potatoes, pieces of beef and grapefruit.

Space Craft: The spacecraft will be big and will be made of titanium to protect you from the heat of the sun as we pass by it. It will be complete with rocket engines, a cargo bay, robotic arm, wings, crew quarters, landing gear and a parachute.

Responsibilities of Crew: clean the inside of the ship

Leisure: You can fly around do flips or just relax! You may play golf, do the matrix, fly, play tennis, play catch, do the moon walk or just float.

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Sights To See on Jupiter

- *We will see The Great Red Spot which is a tremendous storm but we won't be too close of course!*

Technology: Special Equipment

Will be using the G.P.S. [Global Positioning System] to tell what position Earth is and to see the weather conditions so that we won't have to worry about it. We will be using the G.P.S to check the locations of the planets. We will be using communicating devices to communicate while in space and on the planet. We will be using computers to plan how we are going to lift off, to plan how we are going to land safely and to see where we are in space.

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Sources:

- * <http://www.staq.qld.edu.au/k9p/jupiter.htm>
- * *Mytology and the Universe by Isaac Asimove copyright 1990 published U.S.A.*
- * *The Really Big Universe By Funfacts copyright 1998 published U.S.A.*
- * *World Book 2002 (Deluxe Network)*
- * <http://www.nationalgeographic.com/solarsystem/ex/low.html?2d>
- * http://spaceboy.nasda.go.jp/note/yujin/E/yuj108_suits_e.html
- * www.space-explorer.org/bios/garneau.html
- * www.space-explorer.org/bios/aldrin.html
- * *Our solar system by Seymour Simon*
- * <http://www.staq.qld.edu.au/k9p/jupiter.htm>
- * <http://www.jsc.nasa.gov/Bios/htmlbios/index.html>



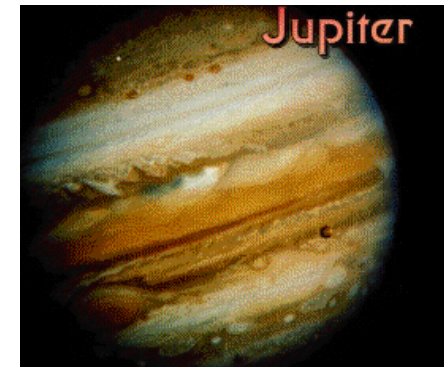
The best trip you will ever take!

For further information please contact: Donovan, Rochelle or Quynh

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Solar System

Destination: Jupiter



*Jupiter:
The Biggest Planet in the Solar System!*

Solar System Travel Agency

Date: May, 2002

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