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Pioneer 11 #7 1&V
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ALAN LEBENBACH CRYER, Mountain View, Calif. - Jupiter's Great Red Spot is apparent in this Pioneer 11 image made by the spacecraft early Wednesday morning at a distance of some 4 million miles. Pioneer is speeding toward Jupiter at 24,000 miles per hour and will close to within 25,000 miles on December 2. As the spacecraft gets closer, the image of Jupiter will grow until it more than fills the TV screen where the images are built up from data radiated to Earth receiving stations. It takes about 40 minutes for each bit of data to get to Earth from the spacecraft.

Pioneer is controlled at NASA's Ames Research Center and was built by TRW Systems Inc., Redondo Beach, California.

The characteristics of the electronic camera on Pioneer cause Jupiter to appear inverted with the south pole at the top. The image at the extreme left and second from right show the terminator (boundary between the daylight side and the night side) in the correct position.

