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Drawing of the Ulysses spacecraft as it left Jupiter traveling southward in the previously unexplored dusk sector, showing the large Io plasma torus (yellow ring) and a small auroral oval (violet). In February 1992, Ulysses flew past Jupiter to take advantage of the gravity assist that redirected it toward the sun’s polar regions. The scientific results obtained during this encounter with Jupiter are presented in a series of reports beginning on page 1503; see also the Perspective on page 1487 and the News story on page 1478. [Illustration: Jet Propulsion Laboratory]
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