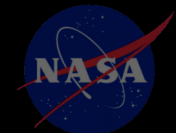


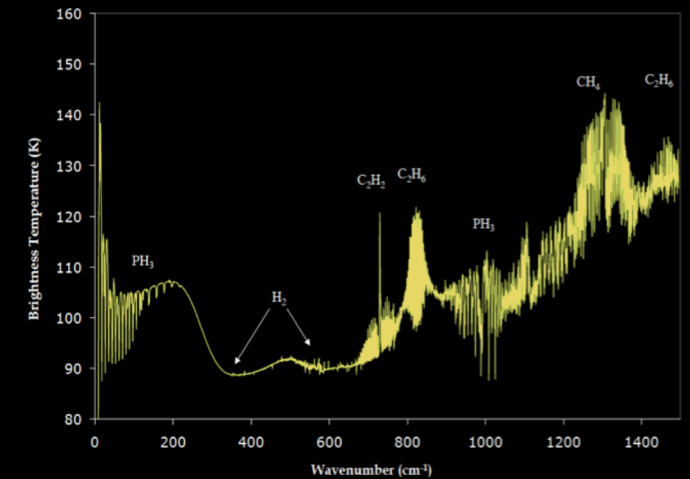
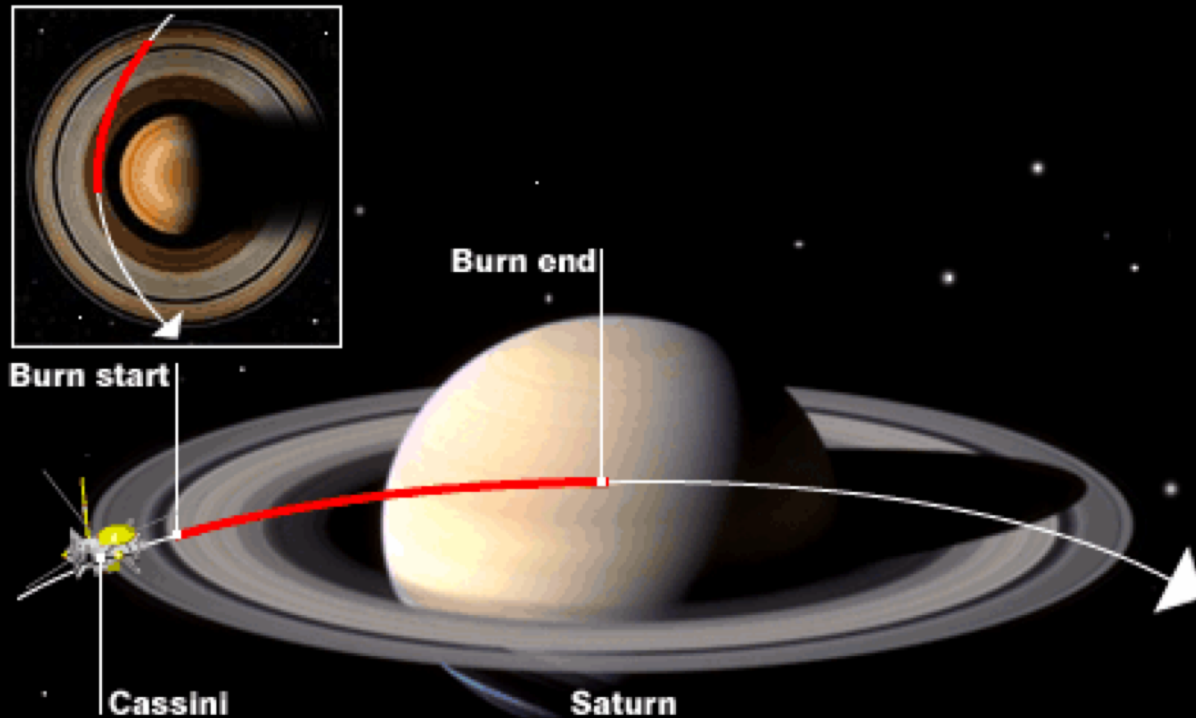
# Camera Test

Cassini tested its camera at a distance of 177 million miles from Saturn, just 20 months before Saturn Orbit Insertion.

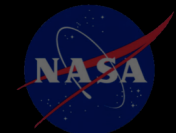


# SOI: 01 July 2004

- The Cassini spacecraft, with the Huygens Probe still attached, made history by becoming the first to orbit Saturn
- Cassini's main engines fired for 96 minutes to allow Cassini to be captured by Saturn's gravity
- This is the first time it turned on its main engines since 1998

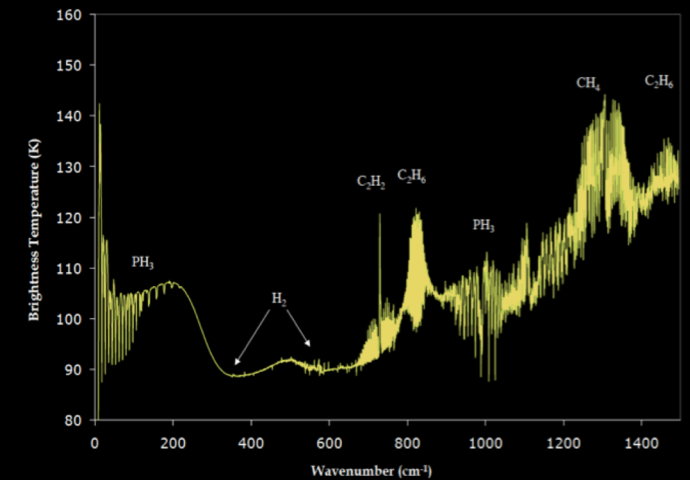
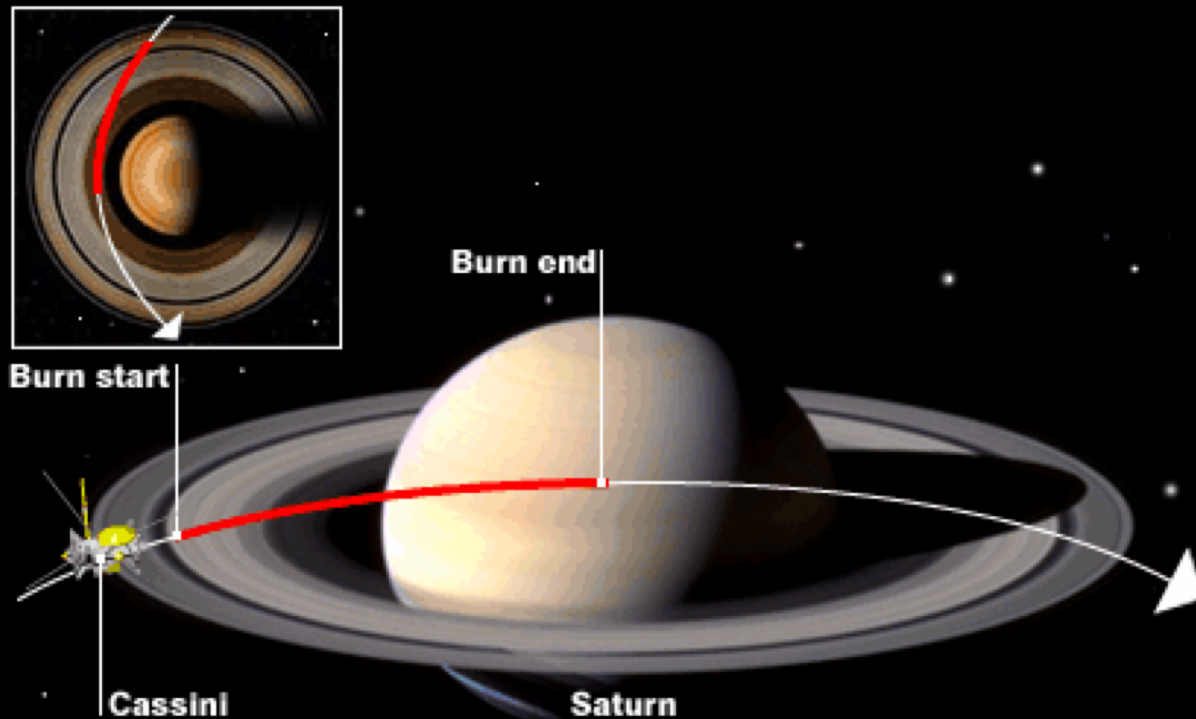


From D. Jennings



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# Saturn's Faint Rings

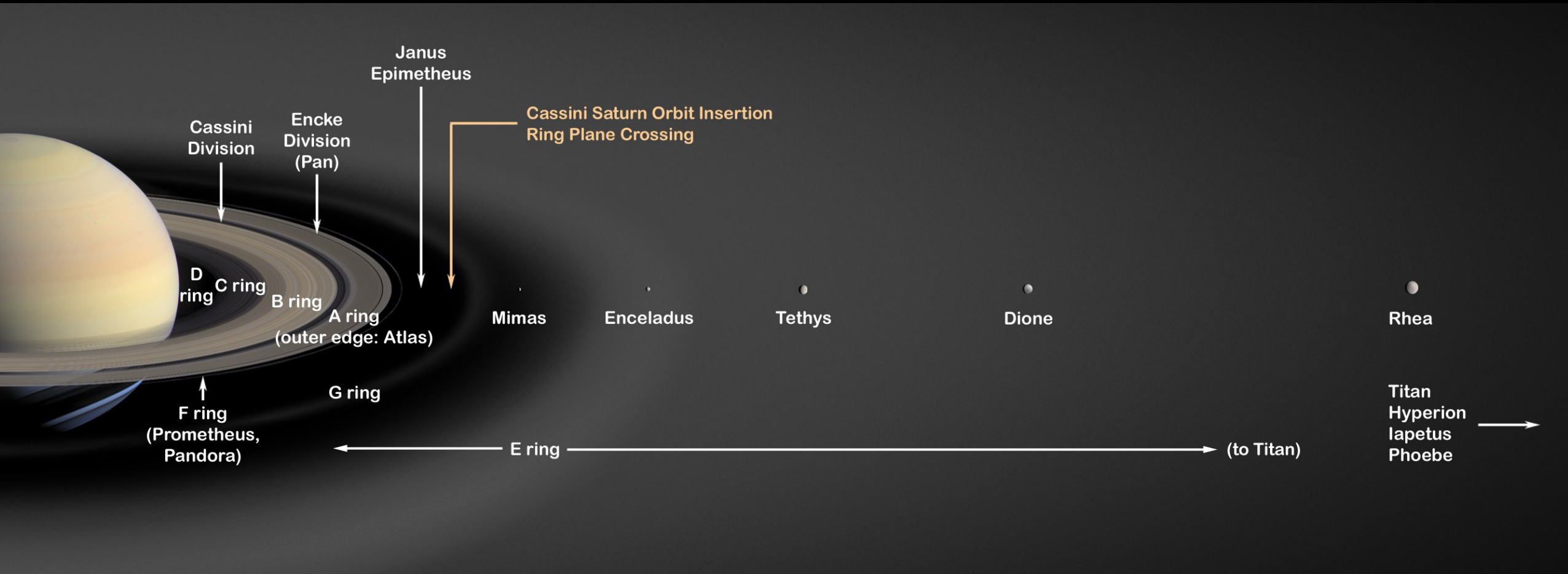


Early in the mission, Cassini's cameras recorded this backlit image of Saturn, revealing two diffuse rings – the G and E ring.





# Extent of Saturn's Rings



The extent of Saturn's rings are larger than the distance between the Earth and Moon. The E-ring is the largest in the solar system and extends from Mimas' orbit to Titan's orbit.

# Enceladus and the E-Ring

