

The Lucy probe was manufactured by Lockheed Martin, and will be launched on an Atlas V rocket made by United Launch alliance, a joint venture between Boeing and Lockheed Martin. The launch will take place at Space Launch Complex 41 on the Cape Canaveral Space Force Station in Florida. The 12 year mission will include 2 Fly-By 'gravity assists' past the Earth to put the probe on course to intercept the asteroids.

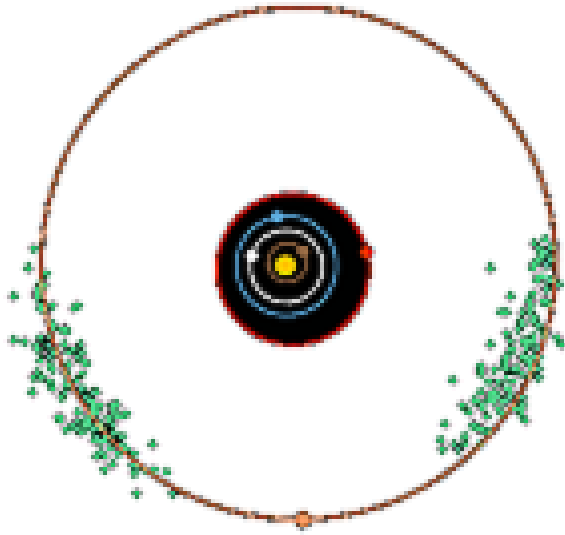
Three instruments comprise the payload: a high-resolution visible imager, an optical and near-infrared imager and a thermal infrared spectrometer

The mission is named after the Lucy hominin skeleton that was found in Ethiopia in 1974, because the study of Trojans could reveal the "fossils of planet formation": materials that clumped together in the early history of the Solar System to form planets and other bodies.

Lucy is a planned NASA space probe that will complete a 12-year journey to seven different asteroids, visiting a main belt asteroid as well as six Jupiter trojans, asteroids which share Jupiter's orbit around the Sun, orbiting either ahead of or behind the Solar System's largest planet. All target encounters will be fly-by encounters

<http://Lucy.swri.edu>

Lucy



This graphic shows the positions of Trojan Asteroids in the orbit of Jupiter.



Lucy

A probe launched for NASA on an Atlas V booster to encounter the Trojan Asteroids

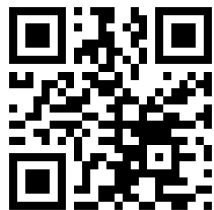
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- Businesses: Papa John's, CVS, KFC, Slidell's Surf Shop, Kibbiers Cobbylers Eatery, Wells Fargo.
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