

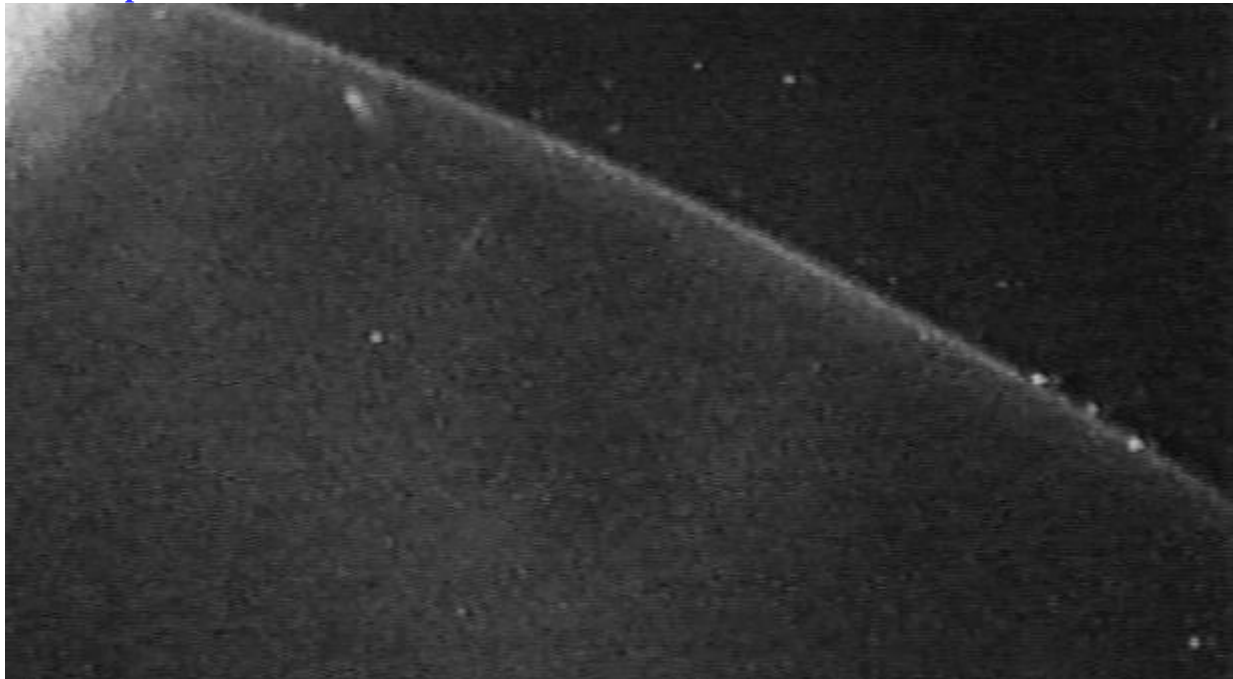
## Space Shuttle Discovery (STS-48) films UFOs

September 15, 1991, between 20:30 and 20:45 GMT

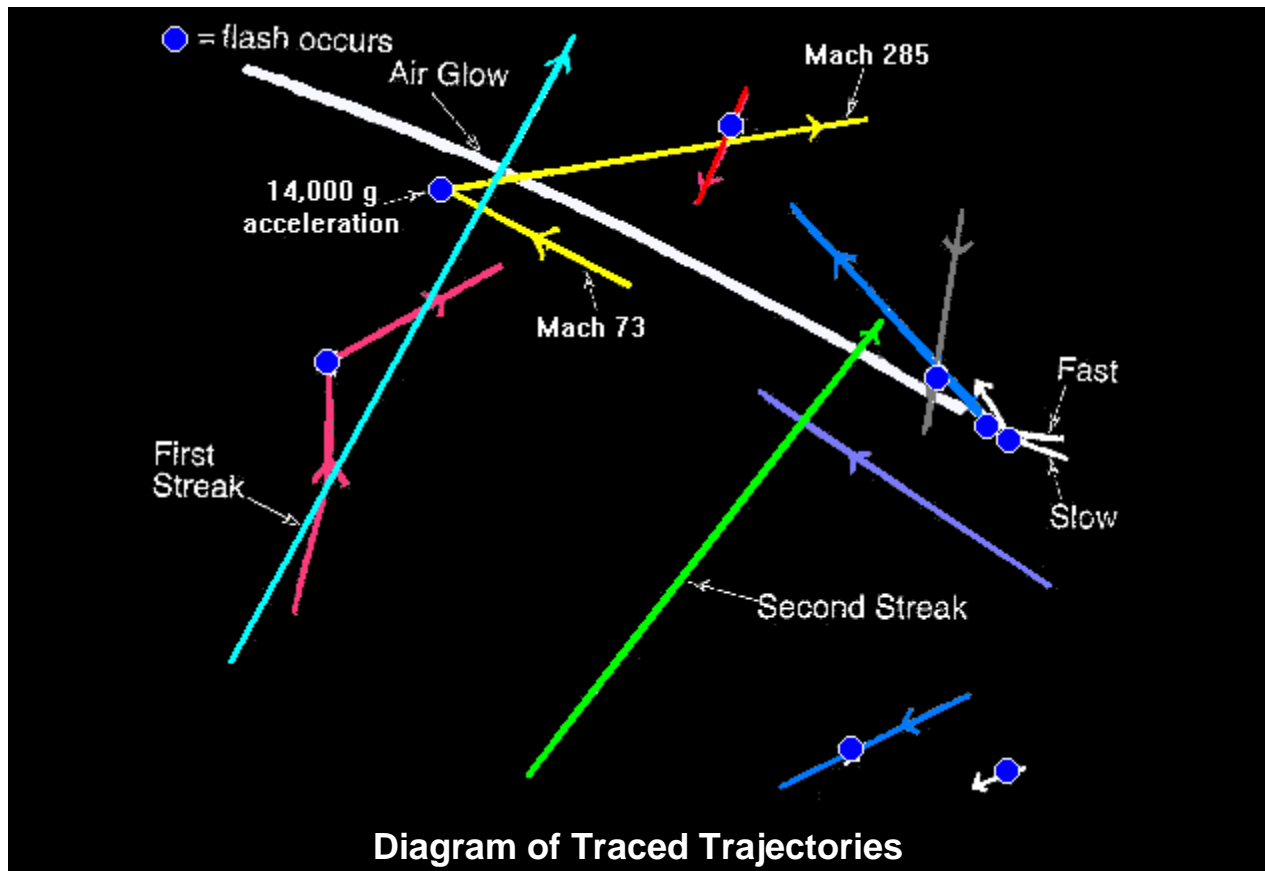
On September 15, 1991, between 20:30 and 20:45 Greenwich Mean Time, the TV camera located at the back of Space Shuttle Discovery's cargo bay was trained on the Earth's horizon while the astronauts were occupied with other tasks.

A glowing object suddenly appeared just below the horizon and "slowly" moved from right to left and slightly upward in the picture. Several other glowing objects had been visible before this, and had been moving in various directions. Then a flash of light occurred at the lower left of the screen; and the main object, along with the others, changed direction and accelerated away sharply, as if in response to the flash. Shortly thereafter a streak of light moved through the region vacated by the main object, and then another streak moved through the right of the screen, where two of the other objects had been. Roughly 65 seconds after the main flash, the TV camera rotated down, showing a fuzzy picture of the side of the cargo bay. It then refocused, turned toward the front of the cargo bay, and stopped broadcasting.

Clip from **NBC** broadcast on UFOs



**Mouse-Over** Image to see short Movie Clip (Large file ~ 1,550\_kbytes)



- The distance from the Discovery to the Earth's horizon is 2,757 kilometers.
- The UFO's speed before accelerating into space is 87,000 kph (Mach 73).
- Three seconds after the light flash, the UFO changes direction sharply and accelerates off into space at 340,000 kph (Mach 285) within 2.2 seconds.
- Such an acceleration would produce 14,000 g of force.

One of the most spectacular video footage of a UFO encounter was taken by cameras on board the Discovery space shuttle, STS-48, on 15 September, 1991. The video sequence was picked up live by a number of amateurs who were directly monitoring the transmissions. The material has been shown in news broadcasts worldwide.

The video shows several small bright objects maneuvering on screen, apparently interacting with one another in a complex fashion. Skeptics have usually insisted these are merely shots of some of the many small ice particles which inevitably end up in orbit with every space shuttle.

UFO investigators were quick to dispute this interpretation, and US scientist Richard C. Hoagland soon conclusively demonstrated the objects were actually large in size and many hundreds of kilometers away from the shuttle.

One UFO in particular appears to rise up from below the Earth's dawn horizon and can be clearly seen emerging from behind the atmosphere and the 'airglow' layers.

**It is certainly in orbit around the Earth, some distance out in space, and traveling quickly.**

**A sudden, bright flash of light is then seen to the left of the picture, below the shuttle. The UFO then turns at a sharp angle and heads out into space at very high speed. Two thin beams of light (or possibly condensation trails) move rapidly up from the Earth's surface towards where the UFO would have been if it had continued in its original orbit.**

**Careful analysis of the video shows: [SEE DIAGRAM ABOVE](#)**

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The light flash and light beams (or contrails) that shoot into space have variously been described as a ground-based attempt to disrupt or destroy the UFO. Hoagland interprets the incident captured by the Discovery's video camera more specifically as a "Star Wars" weapons test against a Star Wars drone (the UFO). Other UFO investigators prefer to describe it as a Star Wars attempt against an extraterrestrial UFO. Whichever version you prefer, the technology implied is most certainly impressive - at least of Star Wars caliber.

More recently, from New Zealand, investigators have reviewed the video and corrected the actual time it was taken. They have found that the UFO incident was recorded over Australia and not the Philippine islands as was originally thought. Discovery's trajectory had already taken it across Surabaya in Java and above the Simpson Desert, Western Australia.

The UFO is first picked up coming over the horizon when the shuttle is close to Lake Carnegie, WA. Later, the light flash and one contrail can be tracked back to Exmouth Bay near the North West Cape military facility. A second contrail can be tracked back to the Pine Gap military facility in central Australia.

US investigators have been asking their Australian counterparts to provide further information which they don't have and which they probably can't get. All the information we have on this incident so far comes from the US or New Zealand.

And, of course, there are Australia's stringent secrecy laws to contend with. The scenario was probably captured on video purely by chance. Along with other UFO incidents recorded on video by NASA, this material has contributed significantly towards NASA's recent decision to discontinue live television transmissions from space.

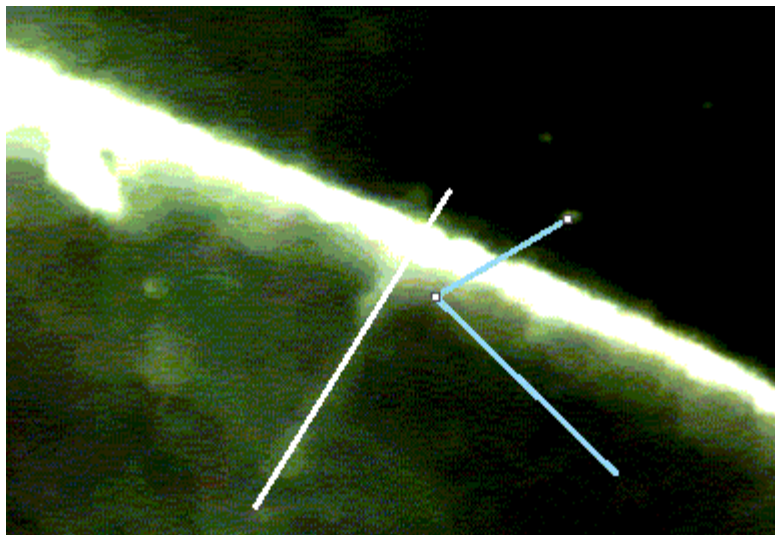
Reprinted from the September 1995 issue of UFO REPORTER, the quarterly publication of UFO Research (NSW), P.O. Box Q95, Queen Victoria Building, Sydney, NSW 2000, Australia). The video footage itself (including a detailed investigation of the incident) can be found on the tape "Hoagland's Mars Vol 2 : The UN Briefing (Extended Version)."

From: <http://www.williamson-labs.com/ufo.htm>

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### ***Are We in an Inter Galactic War in Space?***

The High Precision Tracking Experiment (HPTE), launched with the Space Shuttle Discovery on STS -51, was tested June 21, 1985 when a Hawaii-based low-power laser successfully tracked the experiment and bounced the laser off of the HPTE mirror. The Relay mirror experiment (RME), launched in February 1990, demonstrated critical technologies for space-based relay mirrors that would be used with an SDI directed energy weapon. The experiment validated stabilization, tracking, and pointing concepts and proved that a laser could be relayed from the ground to a 60 cm mirror on an orbiting satellite and back to another ground station with a high degree of accuracy and for extended durations.



The STS 48 shuttle mission caught a video of an apparent attempt to destroy a space craft on September 22, 1991, but the UFO managed to make a sharp turn as shown by the blue line to avoid being hit. The video seems to show a particle beam weapon fired at a UFO. The shuttle was over Alice Springs, Australia and something could have been fired from this site. You can watch six minute video at [http://www.youtube.com/watch?v=liDvkB\\_rG-Q](http://www.youtube.com/watch?v=liDvkB_rG-Q)

From: [http://www.nationalufocenter.com/artman/publish/article\\_448.php](http://www.nationalufocenter.com/artman/publish/article_448.php)