

Transcript of narration by Kevin Knuth, Ph.D., during the display of four slides containing (or part of the discussion about) purported UFO images provided by Ray Stanford, during a session on Unidentified Aerial Phenomena at a virtual forum sponsored by the American Institute of Astronautics and Aeronautics (AIAA), August 6, 2021. Transcript by Douglas Dean Johnson, August 18, 2021.

INFORMATION FROM INTRODUCTORY SLIDE FOR THE PRESENTATION:

“THE FLIGHT CHARACTERISTICS AND PHYSICS OF UAP.”

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[Slide headed, “LOW OBSERVABILITY OR CLOAKING. PLASMA SHEATH.”
[At 12:04:20]

Another effect is a plasma sheath. UFOs or UAPs are sometimes surrounded by what appears to be a plasma sheath— a glowing plasma around the object. It’s often one source of the emitted light from these objects. The plasma heat would tend to make images blurry, and so very often UAP imagery is blurry. Also, not everyone is a great photographer and able to photograph under, you know, stressful conditions like this.

So here in the upper picture, in the upper right, I have a picture from the U.S. Navy Gimbal video, and you can see the object there, and I’m comparing it to another image that was taken by Ray Stanford back in 1985. This was a multi-witness event from Corpus Christi, Texas, where several of these objects, disc-shaped objects, were seen to be moving across the screen, or across the sky, and he filmed this with a Super 8 camera.

I want to be clear that that imagery, here, has not been independently vetted. So we've not taken that to be authenticated. And so I want to be clear and honest about that-- although I have talked to people who have seen it, seen it in person, and Christian Lambright is one such person who was able to view the video or the movie just a few months after it was recorded.

So we found that this was really interesting-- first because it demonstrates the plasma sheath. You can see this blue glow around the metallic object. The shape of the plasma sheath is interesting, because it looks very similar to what you see in the Gimbal video. And one other feature here is if you look at the blue picture in the lower right, you'll see the cone-shaped object-- so it's a disc-shaped metal disc, with a blue plasma glow around it-- and around the point of that plasma glow you'll see a thin line of-- a thin blue line, coming off of it to the right-- hopefully that shows up on Zoom. And I'll mention that the next slide, please.

[Slide headed "HYPERSONIC VELOCITY WITHOUT SIGNATURES. PLASMA BEAM AHEAD." Graphic from 2020 *The Warzone* article by Brett Tingley.]

[At 12:06:42]

So, one way, one technique now used to achieve hypersonic speeds in air is to use a laser beam to basically create plasma in front of the craft, and the plasma creates a shockwave that actually goes around the vehicle, and this allows the vehicle to plow through the air at higher speeds. So this is a technique that's currently being worked on. And-- next screen, next slide....

[Slide headed, “HYPERSONIC VELOCITY WITHOUT SIGNATURES. PLASMA BEAM AHEAD,” with Ray Stanford image.]

[At 12:07:16]

And this is what appears to be happening here. And in fact, this is what Ray Stanford claimed he saw, is that he saw the plasma beam would come out from the plasma glow around the disc, and then the disc would fly forward toward the beam. What was interesting is that he notes that the discs that he’s observed fly basically -- they hover like this, like you would expect in an aerodynamic fashion, but when they need to fly they actually tip up and fly bottom forward, which is not what you would expect. You would expect it to fly in the most aerodynamic way possible.

What’s interesting is that Hermann Oberth mentions this as well in his 1954 presentation. He writes, “The disks always fly in a manner is if the drive is acting perpendicular to the plane of the disk; when they are suspended over a certain terrain they keep horizontal; when they want to fly very quick, they tilt and fly with the plane directed forward.” And so on. Next slide, please.

[... intervening material omitted]

[Slide headed, “WARP DRIVES?”]

[At 12:12:01]

So, one last really quick point is, there have been some work on developing warp drives, some theoretical work. On the right, the diagram from the paper by Bobrick and Martire shows the space-time structure around their hypothetical warp drive, and just coincidentally, it looks very similar to the Gimbal video and the Ray Stanford picture. All right, next slide, please.

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