



Hypersonic Horizons: The High-Speed Video Challenge 2025 Q&A

1. Would 3D-printed wind tunnels be accepted for this challenge?

Yes, 3-D printed wind tunnels are acceptable, with the expectation that the 3-D printer is the type that is readily available to the public (library, school, etc.). Using, or not using, 3-D printed elements will not have an effect on scoring.

2. Would DIY tunnel instruments also be acceptable?

We welcome DIY instrumentation on your wind tunnels, using general household or garage items.

3. Is this model supposed to represent a supersonic high speed wind tunnel or a low-speed wind tunnel?

The prompt is asking about hypersonic wind tunnels, but we do not expect you to be able to build a model wind tunnel that works at hypersonic, or even supersonic, speeds. You are welcome to discuss the difference in your video if you like.