Research programs on liquid hydrogen turbo pumps and pump inducers are performed at this site.

The turbo pump is connected to portable 6000 gallon liquid hydrogen trailers thru a vacuum-jacketed stainless steel piping system. The drive turbine is powered by high-pressure hydrogen gas.

The pump inducer rig is submerged in a 2500 gallon vacuum-jacketed stainless steel liquid hydrogen tank. The inducer is driven by an air turbine which is located on the outside of the tank. A shaft through the bottom of the tank connects the turbine to the inducer.

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