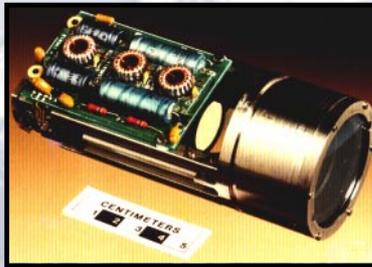




Glenn Research Center



Advanced Diagnostics: Miniaturized Laser Doppler Velocimetry

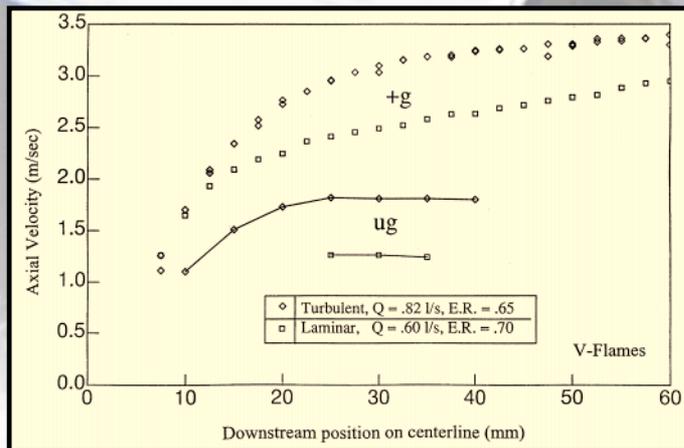


Miniaturize

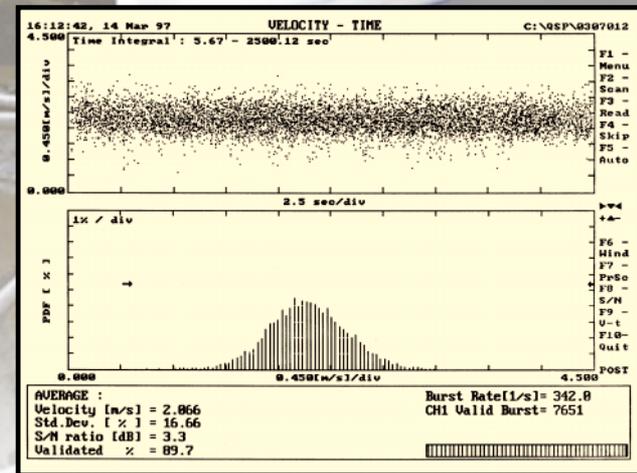
- World's smallest for its sensitivity (by 2-5 times)
- High-precision plastic molded optics to remove astigmatisms
- Requires less than 20 watts
- Better signal-to-noise
- Solid-state so no warmup



Integrate into 0g rig



Interpret and publish



Collect and reduce data