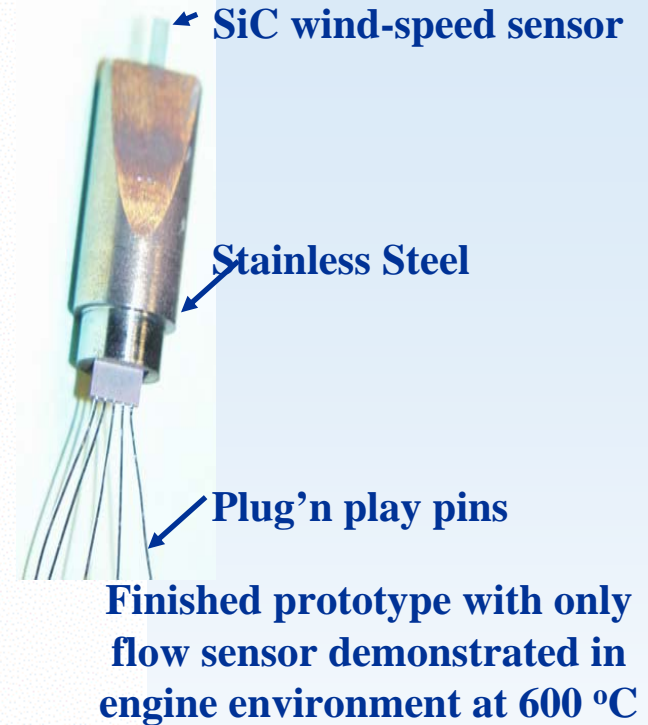
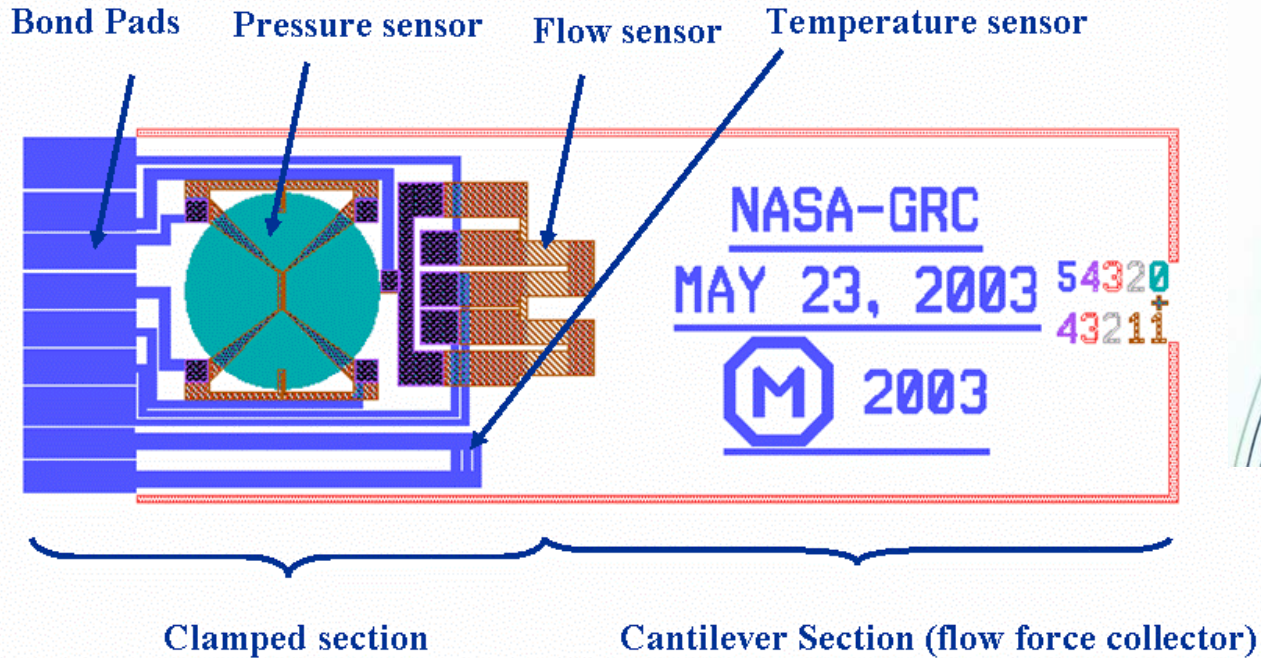


Silicon Carbide Atmospheric Density Sensor



Device will simultaneously measure pressure, temperature, and wind velocity.

Possible applications:

- Part of Venus Weather Instrument;
- Altitude-resolved atmospheric density to help understand Venus atmospheric super-rotation;

Sensor size: Length=7 mm, Width=2.5 mm, Thickness=0.3 mm

1, Okojie et al., Transducers 2003.

Glenn Research Center at Lewis Field

GRC-MEMS Preview to VEXAG-2 5/1/2006 Contact: robert.s.okojie@nasa.gov; (216)433-6522

