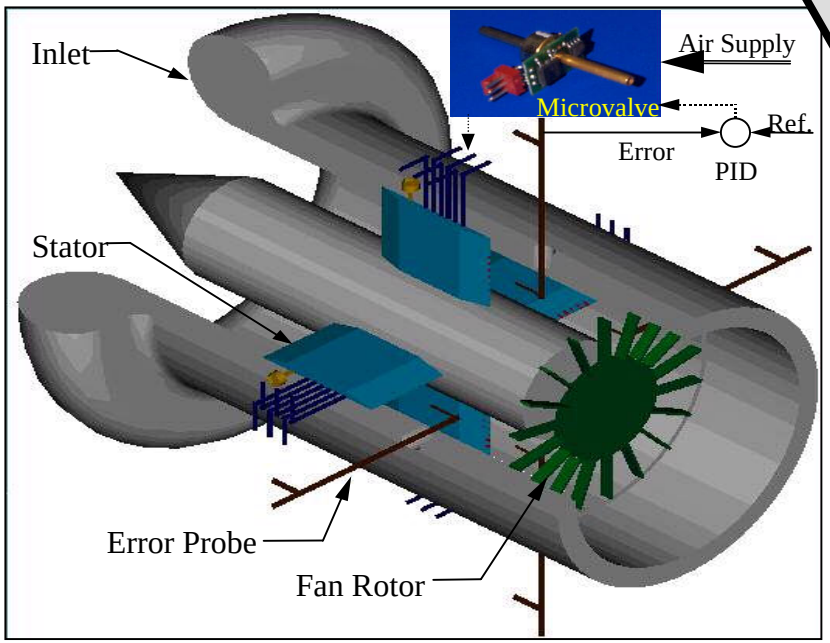
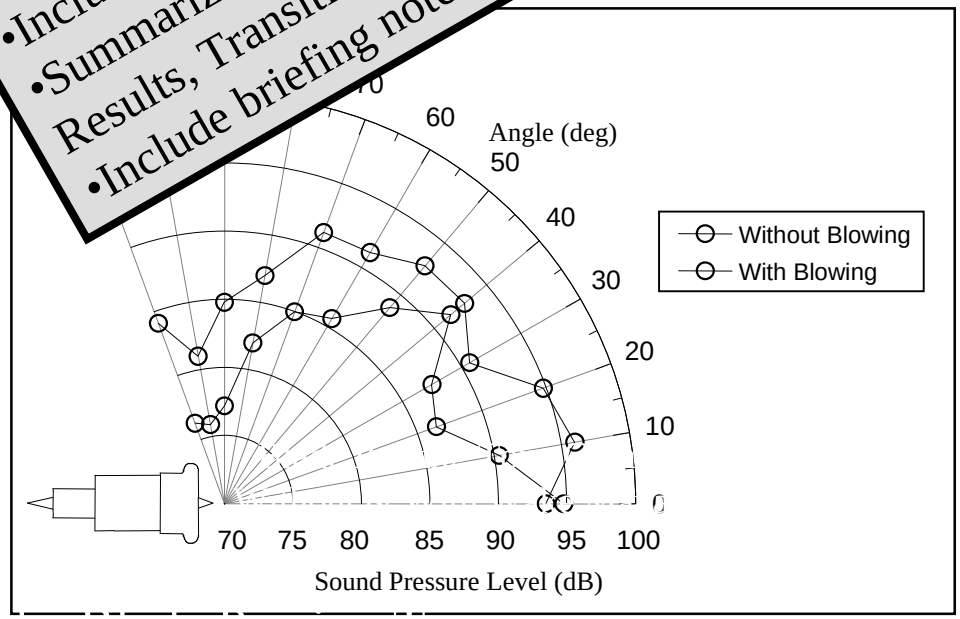
Turbine Engine Flow Control To Reduce High Cycle Fatigue--*W. Ng, Virginia Tech*

Objectives Use of Micro-actuators and flow control to reduce fore onse on blades

Approach Active control of trailing edge blowing teste turbofan simulator

Results 10 dB reduction in blade passing fr measurements on blad

Transitions General Electric Air Force Resea NASA Lewis RC,

Please Note!

For Summary Slides
- Use a Plain White Background
- Include a graphic (preferably in color)
- Summarize your Objectives, Approach, Results, Transitions
- Include briefing notes on a separate page