



Glenn Research Center



View of the Future — Turbulent Combustion in Microgravity

- ◆ **Success will lead to improved models of turbulent combustion and also lend confidence to the use of these models in practical application.**
- ◆ **This ultimately will drive the design of practical combustion systems and obviate the need for the expensive construction and modification of a wide range of breadboards, prototypes, and experimental models of a range of combustion devices.**
- ◆ **This also will enable optimization of design elements, subsystems, controls, and overall system performance at reduced cost and required time.**