



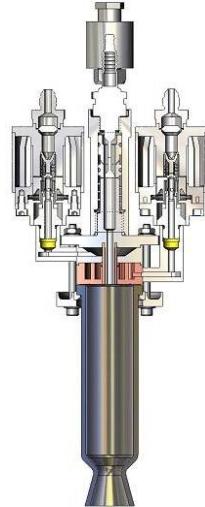
Liquid Oxygen-Liquid Methane Thruster

Carlos Gomez (Team Leader), Matthew Cannella, Jeffrey Hand, David Rosenberg

NASA
Propulsion Academy
Marshall Space Flight Center
Huntsville, AL

Background

- 100 lbf thruster developed by Orion Propulsion Inc (OPI) via SBIR
- Thruster utilizes green propulsion technology



Objective(s)

- Perform TRR
- Test thruster at OPI
- Validate OPI's SBIR Phase II thruster performance data



Methodology

- Evaluate test stand integrity
- Perform pressure transducer calibrations
- Valve and thermocouple check-outs
- Cold flow testing
- Perform hot-fire testing
- Analyze data



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