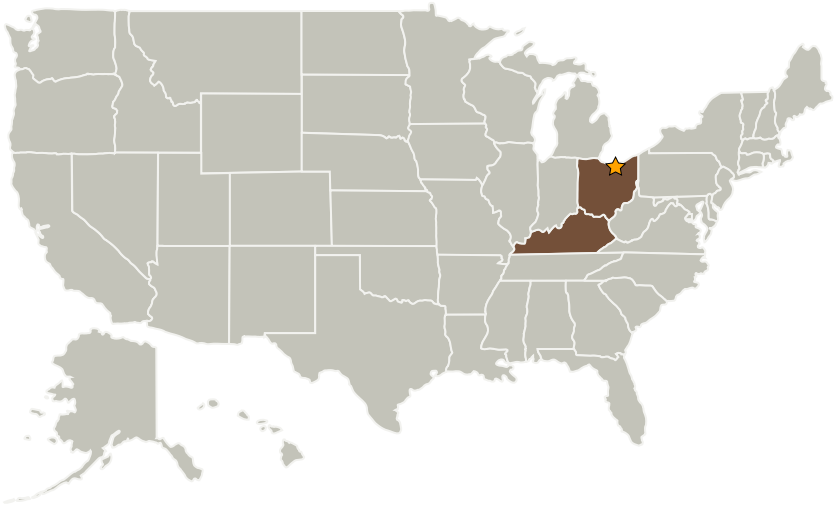
# Hermetically Sealed, Free Piston, Cylindrical Linear Pump, Phase I

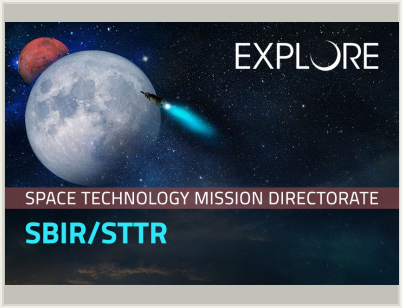
Completed Technology Project (2003 - 2003)

## Primary U.S. Work Locations and Key Partners



| Organizations Performing Work | Role | Type | Location |
|---|---|---|---|
| ★Glenn Research Center(GRC) | Lead Organization | NASA Center | Cleveland, Ohio |
| Thortek | Supporting Organization | Industry | Irvine, Kentucky |

| Primary U.S. Work Locations | |
|---|---|
| Kentucky | Ohio |

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## Organizational Responsibility

**Responsible Mission Directorate:**

Space Technology Mission Directorate (STMD)

**Lead Center / Facility:**

Glenn Research Center (GRC)

**Responsible Program:**

Small Business Innovation Research/Small Business Tech Transfer

## Project Management

**Program Director:**

Jason L Kessler

**Program Manager:**

Carlos Torrez

**Principal Investigator:**

Douglas G Thorpe

## Technology Areas

**Primary:**

- TX06 Human Health, Life Support, and Habitation Systems
  └ TX06.3 Human Health and Performance
    └ TX06.3.5 Food Production, Processing, and Preservation