NRCSD

KEY FEATURES

- **12U** payload total **capacity**:
  - 1U up to 6x1x1U CubeSats
  - 2x3x1U form factor
  - 2x6x1U form factor
  - other non-standard form factors
- **High Deployment Velocity** 0.5 to 2.0 m/s
- **Low tip-off rate** of up to 5 deg/sec/axis
- Comprehensive **Testing and Safety**
- **Regular Launch** Opportunities
- **Independent** CubeSat **Inhibits**
- **No Electrical** Interface
- **Real-Time** Deployment **Support**
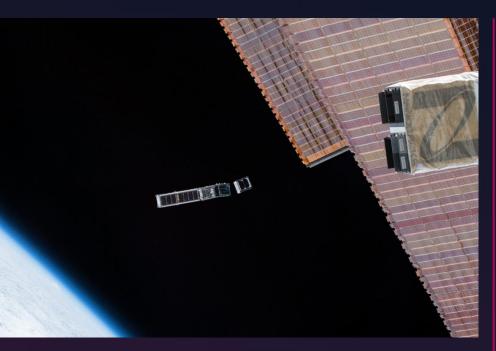
PLATFROM OVERVIEW

The NRCSD is a self-contained deployer system designed for launching standard CubeSats, leveraging the ISS as a staging platform. It is launched inside the pressurized cargo module of ISS resupply vehicles and deployed via the JEM Airlock, ensuring a smooth process from integration to deployment. Capable of handling various CubeSat configurations, the system offers cost-effective deployment opportunities, thanks to its ability to accommodate multiple CubeSats per mission and the frequent launch windows provided by ISS cargo resupply missions. The NRCSD has proven to be a reliable partner for academic, commercial, and governmental customers.

APPLICATIONS

- ✓ Small Satellite Deployment for Commercial and Research Missions
- ✓ Technology demonstration & proof-of-concept
- ✓ Research in microgravity
- ✓ Materials and computing
- ✓ Educational programs

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