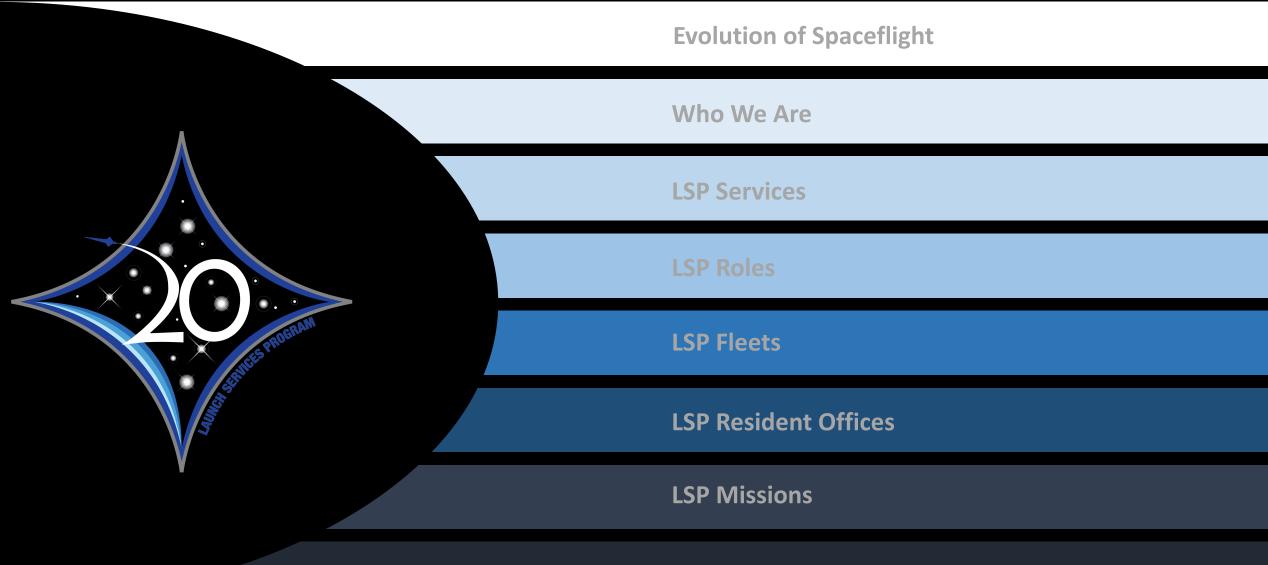
#### EARTH'S BRIDGE TO SPACE

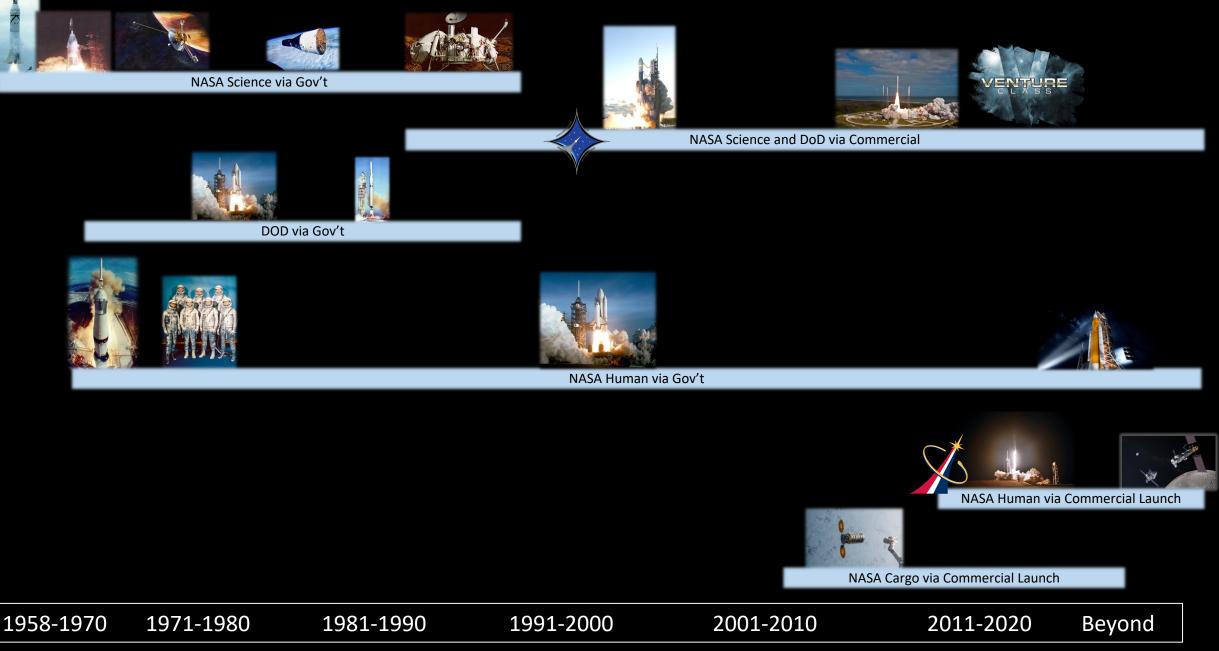
#### LAUNCH SERVICES PROGRAM

## Agenda



#### **Delivering Excellence**

## Evolution of Spaceflight



#### LSP Mission:

Uniting customers, capabilities, and culture to explore space

through unparalleled launch services

#### LSP Vision:

Science and discovery through unlimited access to the universe

STONEY STONEY

CULTURE

Goals Maximize Mission Success Assure Long-Term Launch Services Promote Evolution of a US Commercial Space Launch Market Continually Enhance LSP's Core Capabilities



#### LAUNCH SERVICES PROGRAM PARTNERS





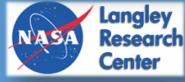


Jet Propulsion Laboratory California Institute of Technology

Space Technology Mission Directorate

SPACE LAUNCH SYSTEM



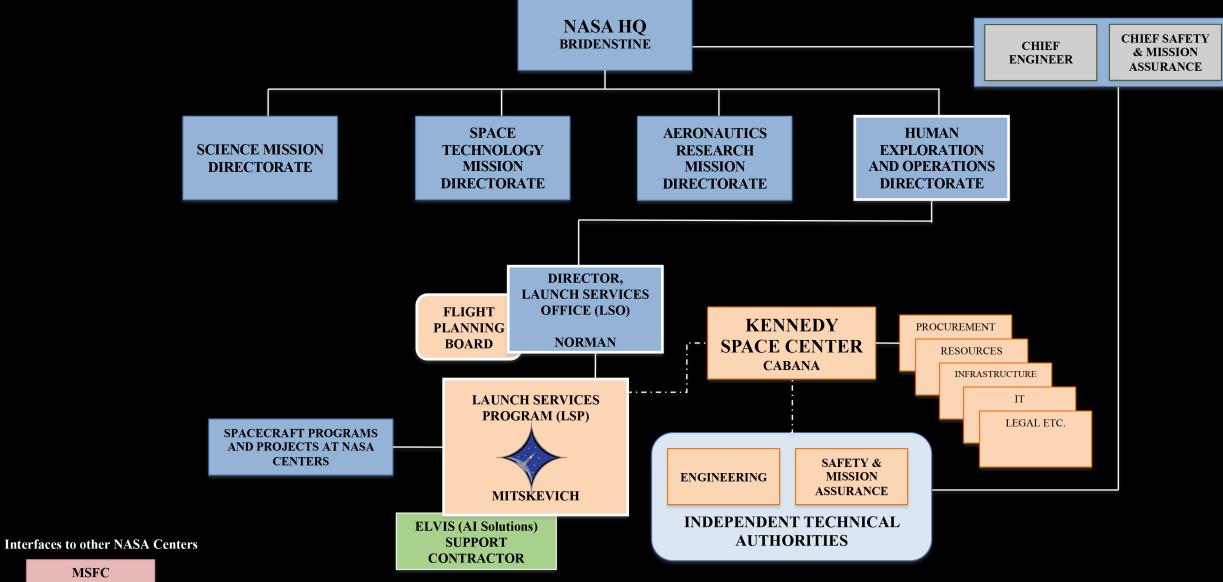


Marshall Space Flight Center

NASA



#### Launch Services



MSFC TECHNICAL SUPPORT

## The People of LSP



#### RETIREMENT ELIGIBILITY Retirement Eligible

Eligible Within 5 27% years





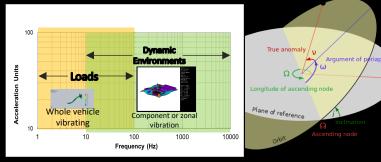


## **Traditional LSP Roles and Responsibilities**

#### Acquire Launch Services



Verify and validate mission engineering and analysis



Manage launch vehicle to spacecraft integration





Certify launch systems for NASA use Insight and approval of production, integration, testing and processing



### **U.S. Manifest Coordination thru CLSRB**



#### **LSP** Fleets



### **Resident Offices**



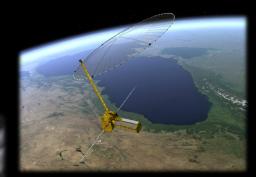
# **PRIMARY MISSIONS**



# Advisory









# **ADVISORY MISSIONS**



#### Maximizing Rideshare and Venture Class Launch Service Opportunities

NEXT-XL Demo Named Venture Class Launch Services (VCLS)

NSIGHT

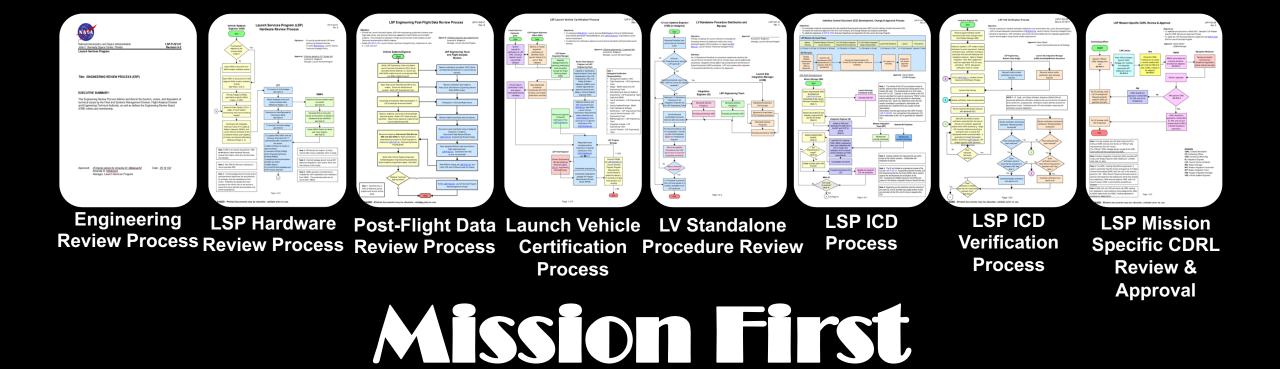
VCLS Demos Awarded

Rocket Lab Electron's First Launch 12/17/18

> Virgin Orbit First Launch

# Cubesat/ELaNa MISSIONS





- Over 20 years of heritage of launch vehicle mission assurance in the "non-government-owned" launch vehicle world
- Adaptable to changing environments
  - New providers
  - Heritage customers with new requirements
  - New Agency customers using commercial launch vehicles, with different procurement approaches
- Full manifest of missions to execute "traditionally" and in advisory capacity

# Back-Up

### What's Next



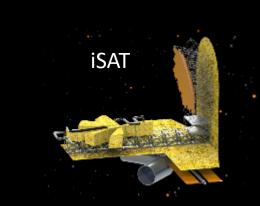
## 2025 & Beyond













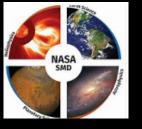






**CRS** Missions





**MIDEX & SMEX** 

AOs



**ELaNa Missions** 





**CCP** Missions