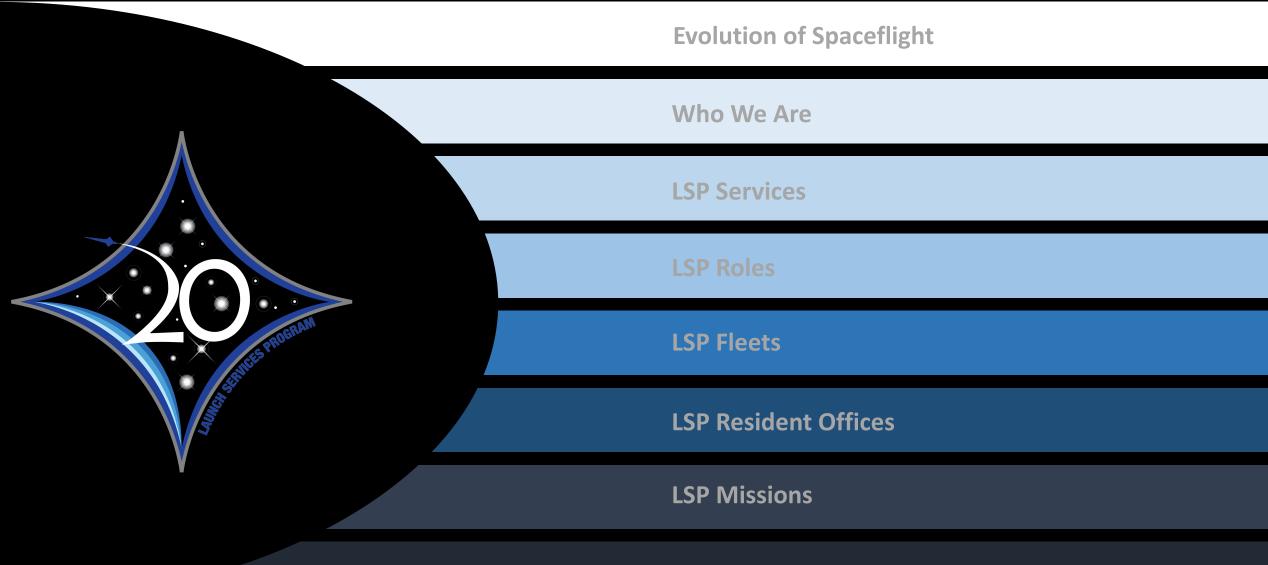
EARTH'S BRIDGE TO SPACE

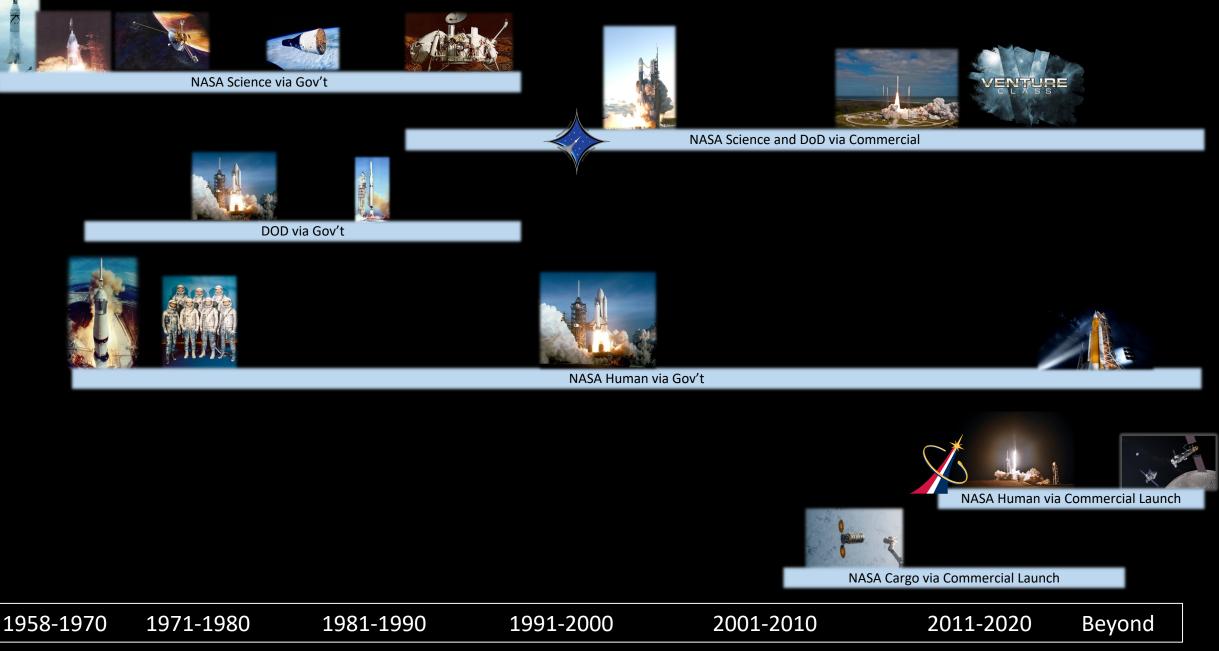
LAUNCH SERVICES PROGRAM

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





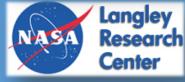


Jet Propulsion Laboratory California Institute of Technology

Space Technology Mission Directorate

SPACE LAUNCH SYSTEM



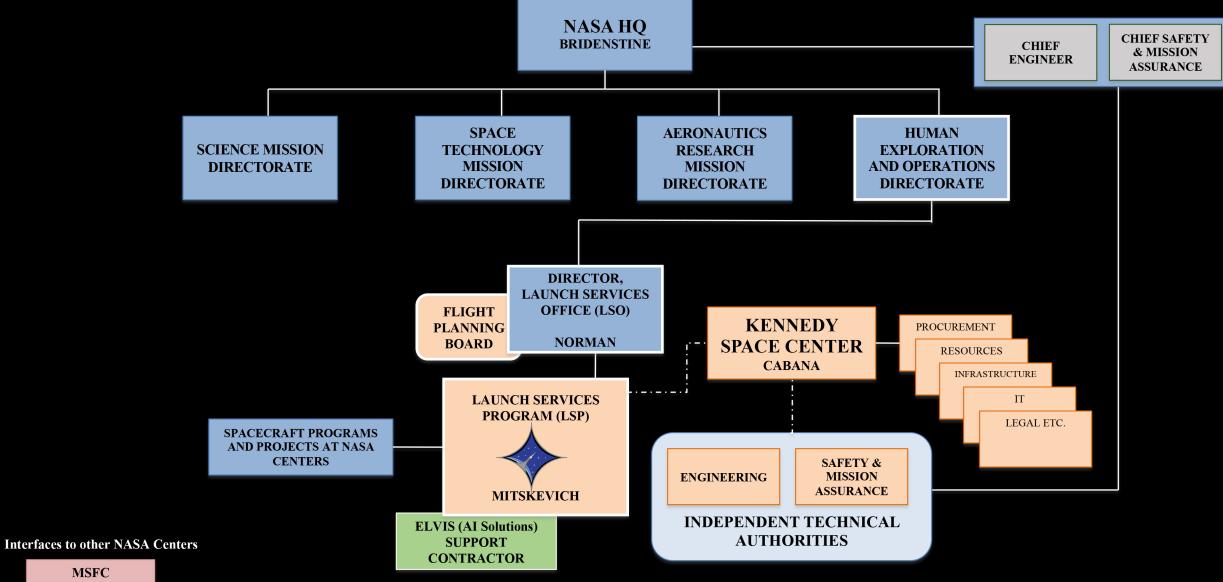


Marshall Space Flight Center

NASA



Launch Services



MSFC TECHNICAL SUPPORT

The People of LSP



RETIREMENT ELIGIBILITY Retirement Eligible

Eligible Within 5 27% years





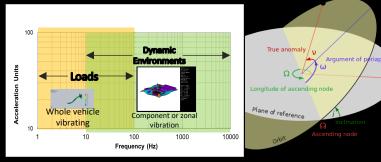


Traditional LSP Roles and Responsibilities

Acquire Launch Services



Verify and validate mission engineering and analysis



Manage launch vehicle to spacecraft integration





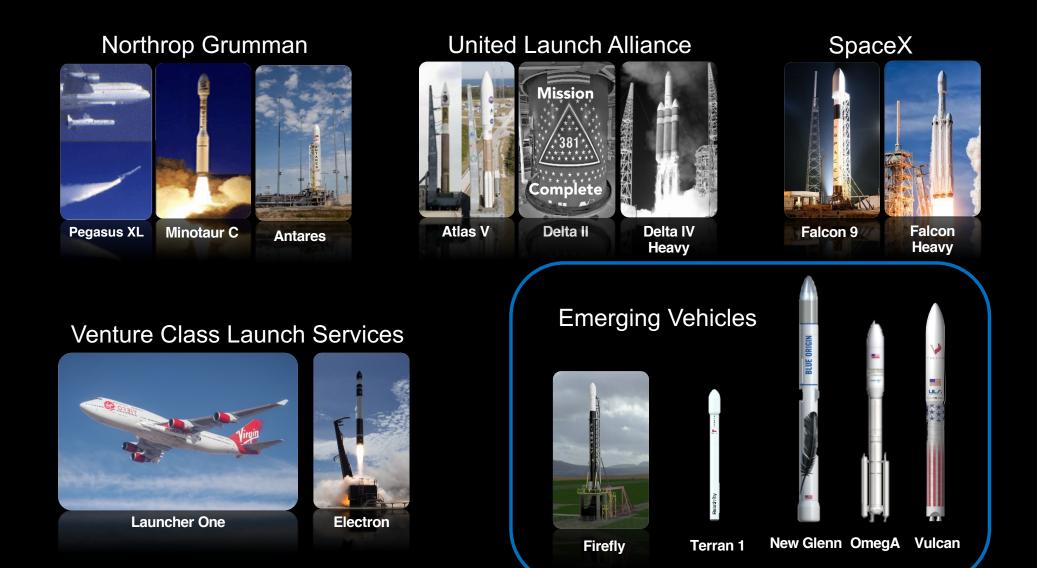
Certify launch systems for NASA use Insight and approval of production, integration, testing and processing



U.S. Manifest Coordination thru CLSRB



LSP Fleets



Resident Offices



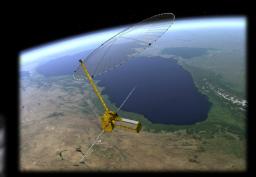
PRIMARY MISSIONS



Advisory









ADVISORY MISSIONS



Maximizing Rideshare and Venture Class Launch Service Opportunities

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

NSIGHT

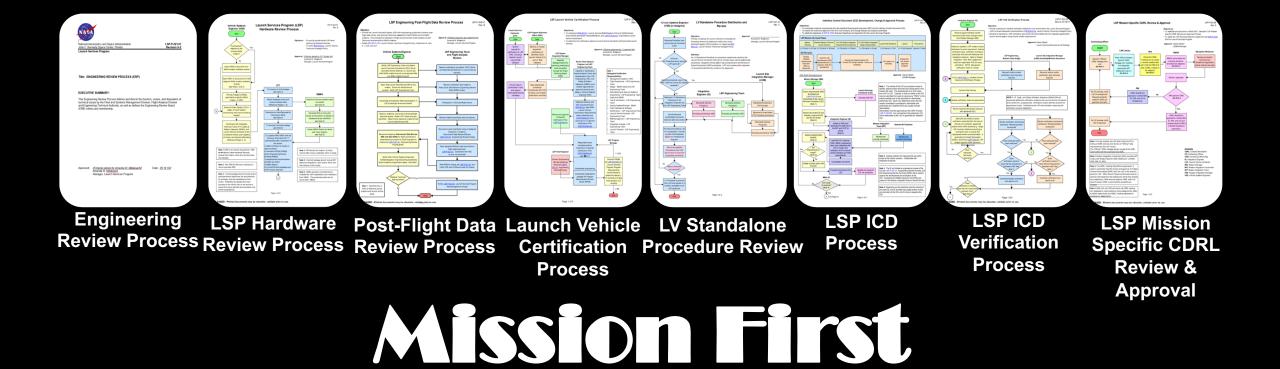
VCLS Demos Awarded

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



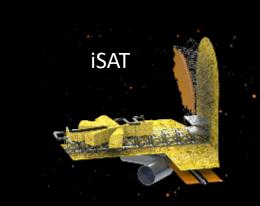
2025 & Beyond













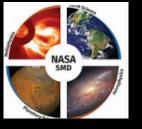






CRS Missions





MIDEX & SMEX

AOs



ELaNa Missions





CCP Missions