

## Eligible VADR Providers

Arrow Science and Technology

Astra Space

Blue Origin Florida

Firefly Aerospace

Impulse Space

L2 Solutions

Northrop Grumman Systems

Momentum Space

Phantom Space

Relativity Space

Rocket Lab USA

Space Exploration Technologies

United Launch Services



### Provides the capability to procure FAA licensed launch services that can be tailored to the customer's needs

- Utilizes lower level of mission assurance and more commercial practices to achieve lower launch costs
- Only applicable to Class D and higher risk tolerant missions. Not applicable for Class A-C
- Very limited LSP mission assurance (NPD 8610.23 modified technical oversight approach)
- Dedicated and Rideshare launch opportunities are available via the Standard Launch Services (CLIN 1) and the Streamlined CubeSat Launch Services (CLIN 2)
- The loss of these payloads will not be considered a NASA "Mishap" under NPR 8621.1. Launch vehicle mishap investigations will not be conducted by NASA as part of the VADR contract.

### For Questions & Pricing Contact:

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## Standard Launch Services (CLIN 1)

- Modified Technical oversight per NPD 8610.23 attachment C
- ATP is up to L-24 months
- Contractor-Led Integration Reviews (not LSP chaired/conducted as ERBs):
  - Mission Specific Design Review
  - Mission Integration Readiness Review
  - Launch Processing Readiness Review
  - Launch Readiness Review
- 14 CDRLs (ex: ICD, ICD Ver Matrix, CLAs, PGAAAs, etc.)
- Mission Integration Telecons
- Mission Integration Working Groups
- No approvals of designs and no IV&V
- Launch services include payload separation system
- Launch services include payload processing facility

## Streamlined CubeSat Launch Services (CLIN 2)

- ATP is up to L-15 months
- Contractor-Led Integration Reviews (not LSP chaired/conducted as ERBs):
  - Mission Readiness Review
- 3 CDRLs (ICD, ICD Ver Matrix, Documentation)
- Mission Integration Telecons
- No approvals of designs and no IV&V
- Launch services include CubeSat dispenser hardware and integration services
- May include FCC consulting services

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