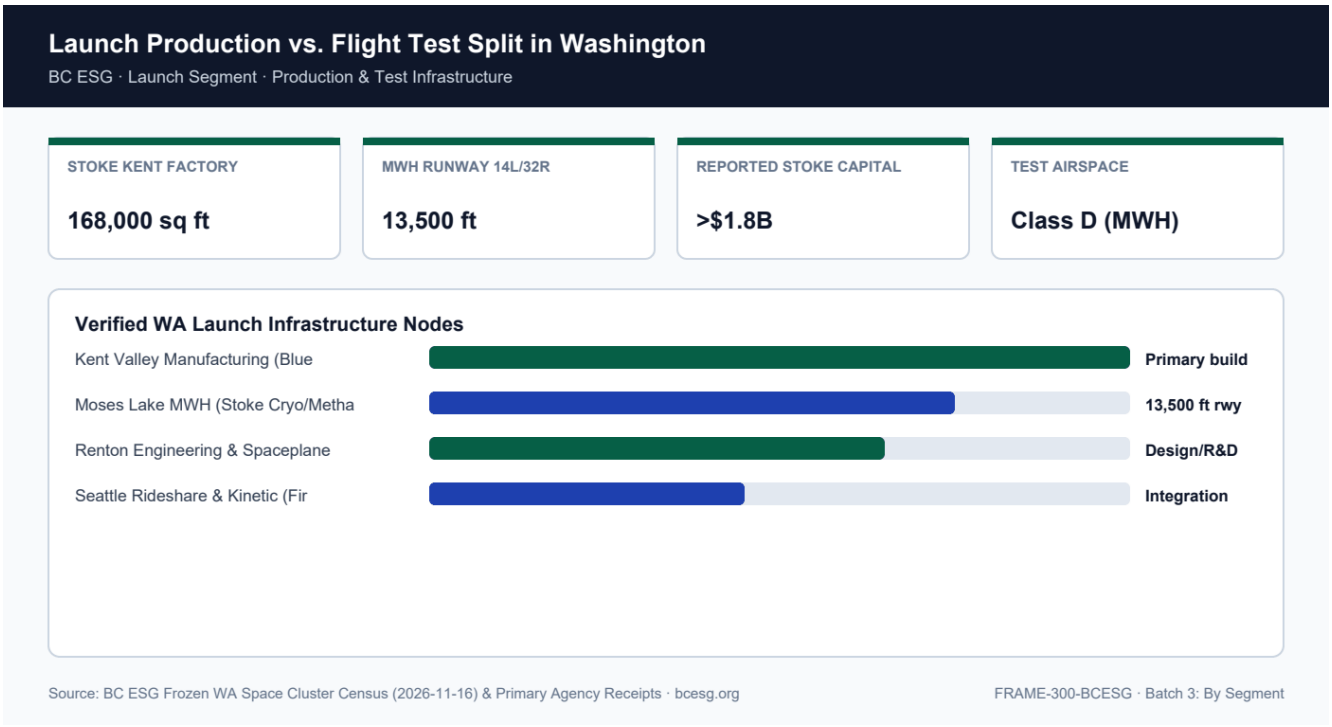
Launch Segment Production & Moses Lake Test Infrastructure

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Verification & Scope Baseline: Kent/Renton manufacturing campuses (Blue Origin, Stoke Space 168k sq ft, Relativity, Radian) pair with Moses Lake (MWH) Runway 14L/32R and Class D airspace.



Node	Operators	Primary Activity	Constraint / Advantage
Kent Valley	Blue Origin, Stoke Space, Relativity	Vehicle assembly, propulsion, HQ	Port/rail access; Green River valley floor
Renton	Blue Origin, Radian Aerospace	Engineering campus, spaceplane R&D	Cedar River / Boeing Renton corridor
Seattle	Firefly, Wave Motion, SpaceLaunch	Rideshare integration, kinetic R&D	SODO / Industrial District seismic fill
Moses Lake (MWH)	Stoke Space (and historic Blue Origin)	Cryo/methalox hot-fire & flight tests	13,500 ft runway; semi-arid low flood risk

Two-Region Architecture: Puget Sound Build, Columbia Basin Test

Launch hardware in Washington splits cleanly across the Cascades. Heavy fabrication, avionics integration, and propulsion assembly cluster in the Kent-Renton corridor (Blue Origin, Stoke Space, Relativity Space, Radian Aerospace), while high-energy cryogenic hot-fire and vertical flight demonstrations move east to Grant County International Airport (MWH) in Moses Lake.

MWH provides a 13,500-foot primary runway (14L/32R), uncongested Class D airspace, and semi-arid buffer terrain—enabling Stoke Space to conduct methalox/cryogenic static-fire and low-altitude test operations outside dense King County residential zones.

Thin-Record Operators in Launch

Public facility square footage and test cadence for Wave Motion Launch and SpaceLaunch are limited in public filings; both are treated concisely in the Launch & Propulsion Core Group without speculative capacity estimates.

Verified Primary Sources & Internal Bridges

- Port of Moses Lake: https://portofmoseslake.com/
- Stoke Space Kent Facility: https://www.stokespace.com/locations/kent
- FAA Commercial Space Transportation: https://www.faa.gov/space