



BLUE ORIGIN UPDATE

SPACEPORT SUMMIT PANEL | 23 FEBRUARY 2021

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3,500+ EMPLOYEES & GROWING



- 3 Manufacturing and Test (Huntsville, AL)**
- High Rate Engine Production Facility
 - Recurring Engine build
 - Engine Test



- MSFC 4670 (Huntsville, AL)**
- Engine Test
 - Recurring Engine ATP



- 1 Headquarters (Kent, WA)**
- LV Subassemblies
 - Engines to support M1



- 2 West Texas Test Facility (Van Horn, TX)**
- Engine Dev Test
 - Engine ATP for M1



- 4 Manufacturing and Test (Merritt Island, FL)**
- Tank Fabrication
 - Structural Assembly
 - Stage Integration
 - Stage Checkout



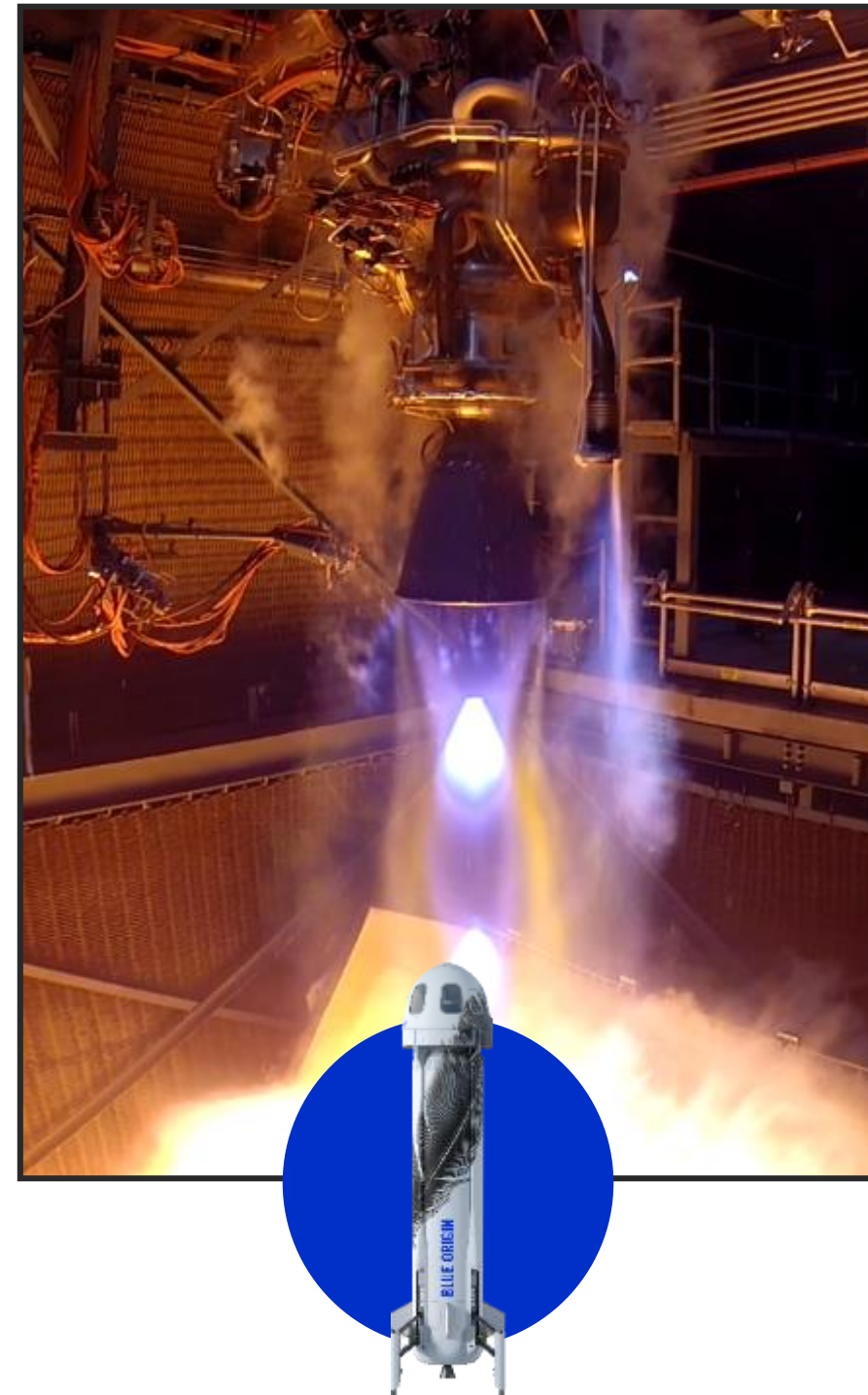
- Vehicle Integration (CCAFS)**
- Vehicle Integration
 - Vehicle Checkout



Blue Engines

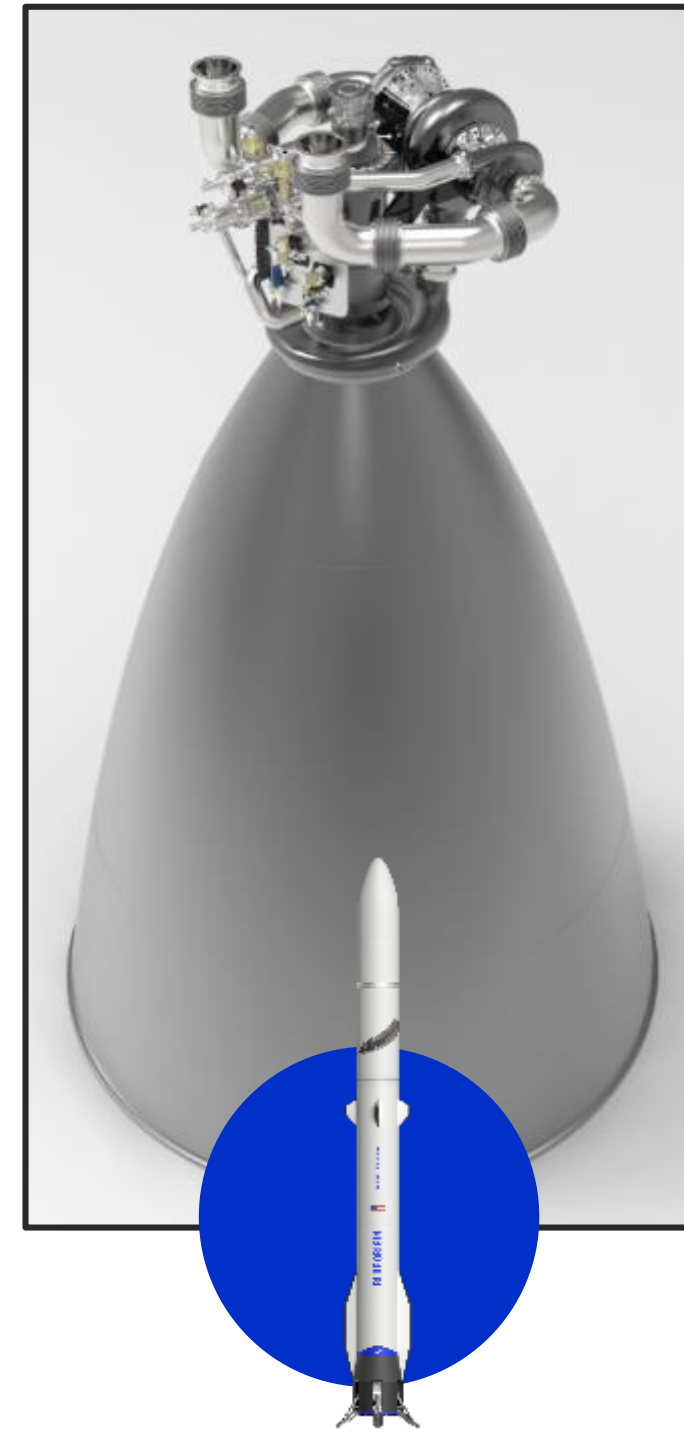
BE-3PM

110,000 lbf (489 kN)
LOx/LH2
Pump fed



BE-3U

160,000 lbf (712 kN)
(vacuum)
LOx/LH2
Pump fed



BE-4

550,000 lbf (2,447 kN)
LOx/LNG
Pump fed



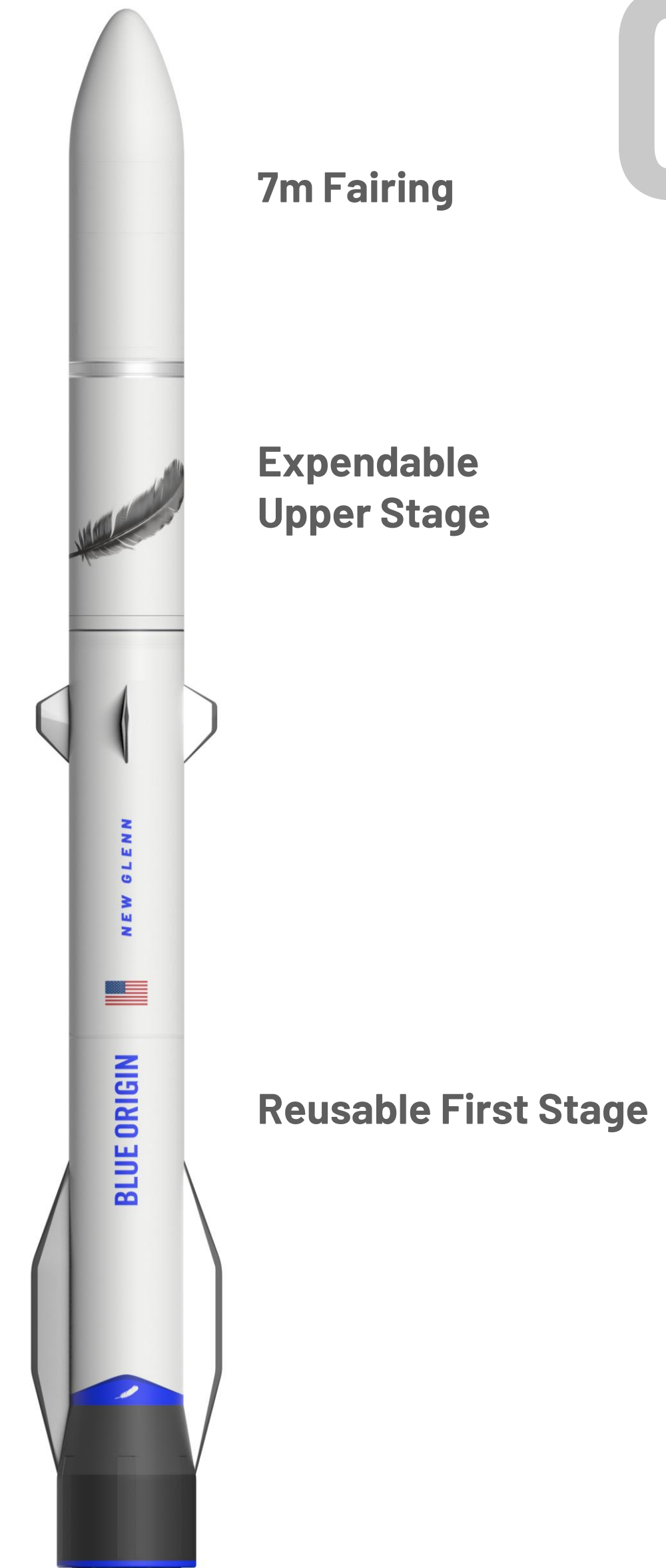
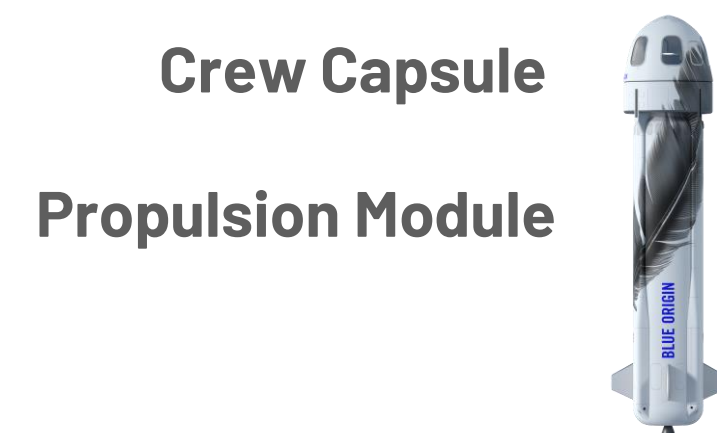
BE-7

10,000 lbf (44 kN)
(vacuum)
LOx/LH2
Pump fed

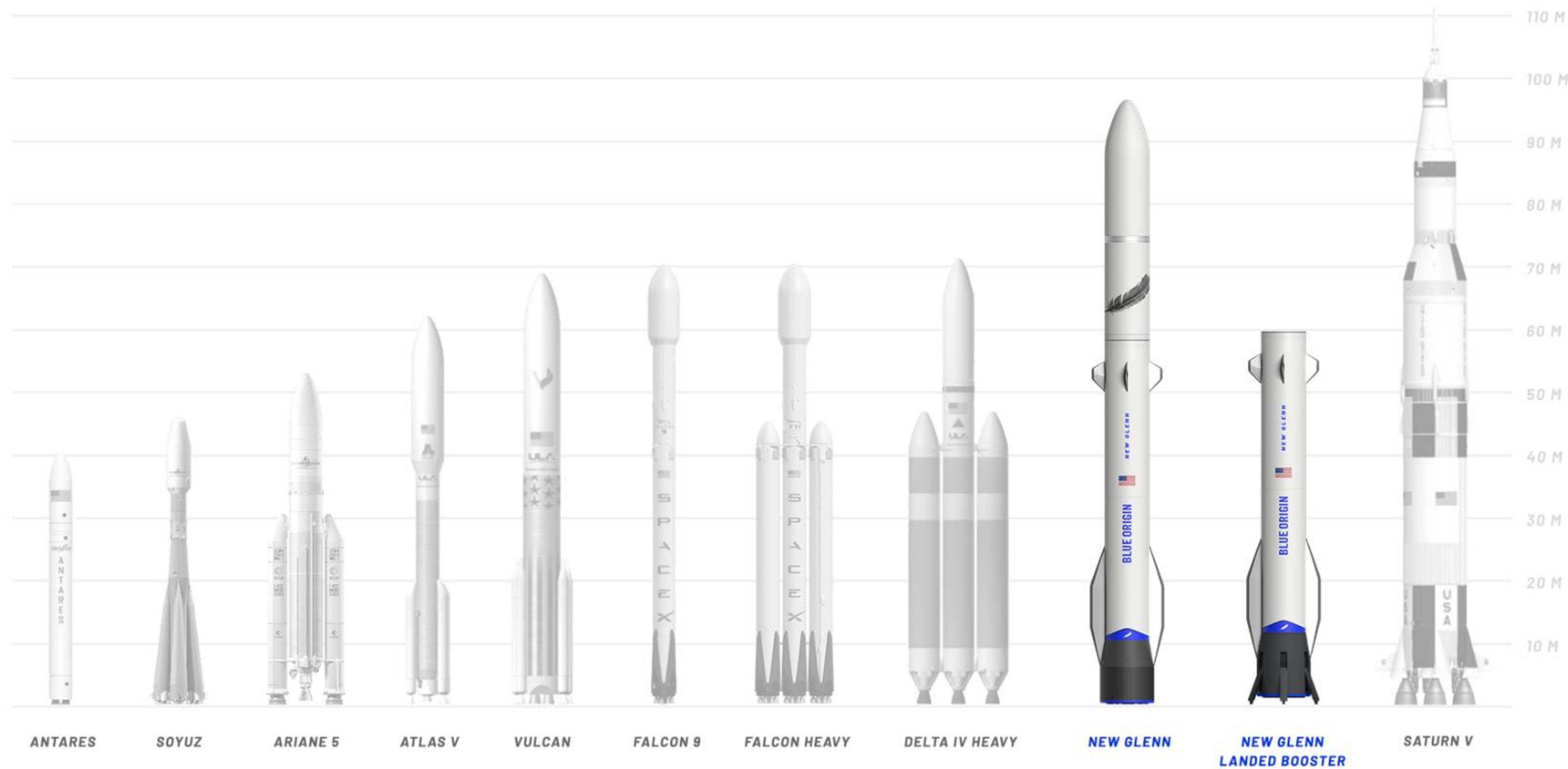


SUBORBITAL NEW SHEPARD SYSTEM

ORBITAL NEW GLENN SYSTEM



Launch System Landscape



BLUE ORIGIN

BUILDING OUR FLORIDA CAMPUS



EXPLORATION PARK

WE CONTINUE GROWING...

South Campus Warehouse

Manufacturing Complex

Manufacturing Building C

Tank Cleaning and Test
(TCAT) Facility

Precision Cleaning Facility

Surface Coatings Facility (SCF)



LAUNCH COMPLEX-36 NEARS COMPLETION



BLUE ORIGIN



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