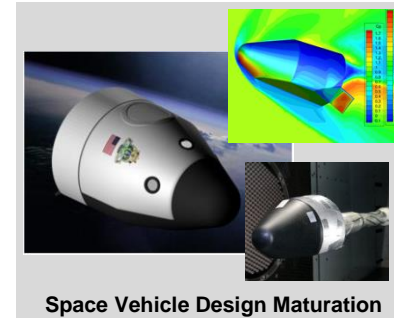




# Blue Origin Overview

BLUE ORIGIN

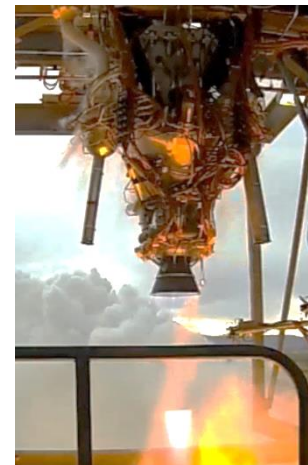
- Blue Origin has a long-term vision of increasing the number of people that can fly to space
- Founded in 2000 by Jeff Bezos, Founder and CEO of Amazon.com
- Developing vehicles and technologies to lower cost and increase safety of human spaceflight
- Incremental development plan:
  - Reusable systems
  - Vertical landing for recovery and reuse
  - Suborbital first to prove technologies for orbital
- Strong focus on in-house engine development
  - BE-3 LOx/hydrogen, 100,000 lbf thrust
- New Shepard suborbital program
  - Vertical takeoff, vertical landing
  - Crew Capsule pusher escape
- Orbital Vehicle Program
  - Space Vehicle development accelerated by CCDev funding
  - Launch vehicle and propulsion development underway
  - Actively seeking coastal site for orbital launch



Space Vehicle Design Maturation



2011 Flight Demo



2013 BE-3 Engine Testing



2012 Pad Escape Test