



Proposed Action – Activities



Construction Activities

Vertical Launch Facility

- Launch pad with deluge system and water capture tank
- Propellant tank farm
- Transporter/rocket erector track
- Shops, office and integration facility
- Vehicle integration building
- Water tower
- Lightning towers

Landing Zone

- Approximately 400-foot by 400-foot concrete pad
- Fuel and oxidizer off-load tanks

Operations Support Facilities

- Launch Control Center and Payload Processing Facility
- Alternate Launch Control Center with Visitor Center
- Main Gate
- Security Fencing around the Spaceport

Operational Activities

Proposed Operations

- Up to 12 launches per year, all launches would be conducted to the east over the Atlantic Ocean.
- Up to 12 static fire engine tests per year
- Up to 12 wet dress rehearsals per year
- Up to 12 returns of the first stages of launch vehicles per year. Rockets are constructed with stages. The first stage is the bottom stage and the first to run out of propellant, detach and return to earth.



- Existing Dock (with deep water access)
- Landing Zone
- Launch Control Center (LCC) and Payload Integration
- Main Gate
- Vertical Launch Facility
- Visitor Center/Alternate LCC

Proposed Operations (cont.)

The first stage could:

- Return to and land at the launch site
- Land in the Atlantic Ocean, either in the water or on a barge, and be returned by barge to the launch site or elsewhere
- Land in the Atlantic Ocean and not be recovered

Based on comments received during the Scoping Period, the FAA may develop additional alternatives for analysis.