

Proposed Action – Construction Phase

The Southwest Regional Spaceport (SRS) would require construction of significant infrastructure to support the vehicles that are proposed to launch from the spaceport. This infrastructure would be developed in three primary areas referred to as the vertical launch area, the horizontal launch area, and the spectator area (*see poster with map*).

All construction, with the exception of improvements to some existing roads and installation of utilities along existing rights-of-way, would take place on New Mexico State Trust Land. Development of the SRS would be divided into four construction phases – Pre-Spaceport Development and Phase 1 through Phase 3. Roads to be improved or created and facilities to be constructed are color coded on the map by phase.

Pre-Spaceport Development

Activities would support amateur vertical launch capabilities. Temporary facilities would be constructed only in the vertical launch area. This phase includes but is not limited to the following infrastructure:

- New and upgraded unsurfaced roads
- Temporary launch pad
- Modular buildings - assembly and integration; command and control; payload integration
- Meteorological station, including an acoustic wind profiler

Phase 1

Activities would support permanent vertical launch capabilities. Facilities would be constructed in the vertical launch area. This phase includes but is not limited to the following infrastructure:

- Vertical launch pad
- Vertical vehicle assembly building
- Internal connecting roads

Phase 2

Activities would support additional vertical launch capabilities and add horizontal launch capability. Facilities would be constructed in the vertical launch, airfield, and spectator areas of the spaceport. This phase includes but is not limited to the following infrastructure:

- Facilities in the vertical launch area (i.e., roads, launch pad, building, propellant storage area)
- Facilities in the airfield and spectator areas (i.e., runway, taxiway, tarmac area, parking area)
- Upgrades of county access roads and construction of new roads

Phase 3

Activities would support the full horizontal and vertical launch activities identified in the proposed action. Facilities would be constructed in the airfield area of the spaceport. This phase includes but is not limited to the following infrastructure:

- Runway
- Fueling facilities at runway tarmac