

## SpaceX Falcon 9R test vehicle in Spaceport America

SpaceX intends to test our reusable launch vehicle at the Spaceport America starting in Q42013. The vehicle will lift off and return to the same launch site.

The radio communication CONOPs are:

- 1) Power up vehicle, Vehicle, and ground communications powered on (:30)
- 2) Perform avionics and RF checkouts (1:00)
- 3) Fuel vehicle, mechanical, and propulsion checkouts (1:30)
- 4) Sequence countdown (1:00)
- 5) Lift-off, flight, return to pad (range from 0:10 to 0:40)
- 6) Post mission shut down LOX vent (:30)
- 7) RF & vehicle power Off

The frequencies have already been pre-coordinated for issue with: New Mexico PBS RF manager (Dan Zilich), and the NTIA (Edward Davison, Scott Kotler).