

## SPACE RAPID CAPABILITIES OFFICE

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### Mission / Scope

- To contribute to the development of low-cost, rapid reaction payloads, busses, launch, and launch control capabilities in order to fulfill joint military operational requirements of on-demand space support and reconstitution;
- To coordinate and execute space rapid capabilities efforts across the DoD with respect to planning, acquisition and operations;
- To rapidly develop and field space capabilities.

### Contacts

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### Quick Stats Headquartered at Kirtland AFB in New Mexico

- Established in 2018 as a redesign of the Operationally Responsive Space (ORS) program
- Has \$371.1M budget for FY2019
- Focuses on material (spacecraft, launch, range, payloads) and non-material solutions (business model, acquisition, policy, industrial base, training, command and control, tasking, exploitation, processing, & dissemination, concept of operations), and collaborates with national and international agencies to leverage existing investments and develop long-term

### Project Highlights

- ORS-8 contract awarded to Sierra Nevada Corp. for \$119M to develop a weather satellite in Sep. 2018.
- 2019 Key efforts:
  - ORS-8
  - A solar power project to collect energy for deployed soldiers
  - Blackjack program with DARPA - an architecture demonstration intending to show the military utility of global low-Earth orbit constellations