



NEWS RELEASE

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ORS Office Demonstrates Responsiveness with Jumpstart Mission

KIRTLAND AFB, N.M. – The Department of Defense Operationally Responsive Space Office announced the kick off for its Jumpstart mission in early February.

Jumpstart is a multi-pronged effort set to fly a responsive payload on the SpaceX Falcon 1 Flight 003 mission, currently scheduled for a June 2008 launch from Kwajalein Atoll in the Marshall Islands.

The Jumpstart mission will realize multiple objectives of the newly formed ORS office by demonstrating end-to-end launch call up within seven months of funding availability, and within four months following approval to proceed.

Jumpstart illustrates the responsive capability combatant commanders are looking for – spacecraft to launch vehicle integration and testing in just four months.

Jumpstart will demonstrate agility and flexibility in the rapid integration of three separate payloads on parallel manifest paths, with the down select to the final payload prior to the Flight Readiness Review no later than two weeks before launch. The three payloads being carried forward for Jumpstart include:

- The Air Force Research Laboratory Plug and Play Satellite bus: This third generation bus with multiple payloads that when flown, would be a risk reduction to future ORS missions.
- SpaceDev, Inc. Trailblazer. Originally developed under a Missile Defense Agency contract, this spacecraft bus serves as a risk reduction for a flexible, modular commercial bus design using off the shelf components and could support a variety of future ORS missions, including those tied to Space Situational Awareness.
- Air Force Office of Scientific Research AFRL CUSat. This Space Test Program experiment consists of two autonomous co-flying nano-satellites being developed under Cornell University's Nanosat Program in partnership with the AFOSR and AFRL. The Jumpstart mission will establish a preliminary framework for responsive processes to include rapid contracting, procedure development, and spacecraft development, integration and testing.

In addition, Jumpstart will demonstrate several ORS enabling models: rapid call up of a mission to launch; rapid development, integration and checkout of spacecraft; a concept of operations

that allows flexibility late in the payload processing flow to determine which mission will fly; efficiencies in processes and procedures to reduce payload integration timelines; and identification and assurance of payload technical readiness.

Jumpstart keeps with the vision in which the ORS Office was created: To contribute to the development of low cost, rapid reaction payloads, busses, spacelift, and launch control capabilities in order to fulfill joint military operational requirements for on-demand space support and reconstitution.