



DREAM CHASER ATLAS V



CCiCap SIERRA NEVADA CORPORATION

Sierra Nevada Corporation (SNC), of Louisville, Colo., will receive up to \$212.5 million during NASA's Commercial Crew Integrated Capability (CCiCap) initiative to further advance its Dream Chaser spacecraft, which resembles NASA's space shuttle but is smaller and based on improvements to the agency's HL-20 lifting-body design.

During two previous development rounds with NASA's Commercial Crew Program, the company matured the spacecraft's guidance, navigation and control system, tested its hybrid propellant propulsion system and performed a captive-carry test of a full-scale orbital crew vehicle. It also built an engineering test article for future approach-and-landing tests.

SNC has partnered with United Launch Alliance (ULA) of Centennial, Colo., to launch its spacecraft atop an Atlas V rocket. As progress is made with SNC's spacecraft, ULA will be working to outfit its launch pad at Cape Canaveral Air Force Station's Space Launch Complex-41 in Florida with the structures and systems necessary to support crewed missions, such as crew access walkways and emergency escape systems.

As the only lifting-body spacecraft under development for crew transportation, the Dream Chaser will utilize NASA's unique Shuttle Landing Facility at Kennedy Space Center in Florida for traditional runway landings.

