

NASA signs agreement with SpaceX for use of historic launch pad

April 16 2014, by Trent J. Perrotto

NASA Kennedy Space Center's historic Launch Complex 39A, the site from which numerous Apollo and space shuttle missions began, is beginning a new mission as a commercial launch site.

NASA signed a property agreement with Space Exploration Technologies Corporation (SpaceX) of Hawthorne, Calif., on Monday for use and occupancy of the seaside complex along Florida's central east coast. It will serve as a platform for SpaceX to support their commercial launch activities.

"It's exciting that this storied NASA launch pad is opening a new chapter for [space exploration](#) and the commercial aerospace industry," said NASA Administrator Charles Bolden. "While SpaceX will use pad 39A at Kennedy, about a mile away on pad 39B, we're preparing for our deep [space](#) missions to an asteroid and eventually Mars. The parallel pads at Kennedy perfectly exemplify NASA's parallel path for human spaceflight exploration—U.S. commercial companies providing access to low-Earth orbit and NASA [deep space](#) exploration missions at the same time."

Under a 20-year agreement, SpaceX will operate and maintain the facility at its own expense.

"SpaceX is the world's fastest growing launch services provider," said Gwynne Shotwell, President and COO of SpaceX. "With nearly 50 missions on manifest, SpaceX will maximize the use of pad 39A to the

benefit of both the commercial launch industry as well as the American taxpayer."

The reuse of pad 39A is part of NASA's work to transform the Kennedy Space Center into a 21st century launch complex capable of supporting both government and commercial users. At the same time, NASA and Lockheed Martin are assembling the agency's first Orion spacecraft in the Operations and Checkout building while preparing Kennedy's infrastructure for the Space Launch System rocket, which will lift off from the center's Launch Complex 39B and send American astronauts into deep space, including to an asteroid and eventually Mars.

"Kennedy Space Center is excited to welcome SpaceX to our growing list of partners," Center Director Bob Cabana said. "As we continue to reconfigure and repurpose these tremendous facilities, it is gratifying to see our plan for a multi-user spaceport shared by government and commercial partners coming to fruition."

Launch Complex 39A originally was designed to support NASA's Apollo Program and later modified to support the Space Shuttle Program. Because of the transition from the shuttle program to NASA's Space Launch System and Orion programs, the agency does not have a need for the complex to support future missions.

Pad 39A was first used to launch Apollo 4 on Nov. 9, 1967; it is the site where Apollo 11 lifted off from on the first manned moon landing in 1969; and the pad was last used for [space shuttle](#) Atlantis' [launch](#) to the International Space Station on July 11, 2011 for the STS-135 mission, the final shuttle flight. This agreement with SpaceX ensures the pad will be used for the purpose it was built—launching spacecraft.

Provided by NASA

Citation: NASA signs agreement with SpaceX for use of historic launch pad (2014, April 16)
retrieved 10 April 2024 from

<https://phys.org/news/2014-04-nasa-agreement-spacex-historic-pad.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.