

# KENNEDY SPACE CENTER'S SPACEPORT MAGAZINE CONTENTS

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**Front Cover:** The second and final qualification motor (QM-2) test for the Space Launch System's booster is seen June 28 at Orbital ATK Propulsion Systems test facilities in Promontory, Utah. During the Space Launch System flight, the boosters will provide more than 75 percent of the thrust needed to escape the gravitational pull of the Earth, the first step on NASA's Journey to Mars.

**Back Cover:** Astronomers are using NASA's Hubble Space Telescope to study auroras — stunning light shows in a planet's atmosphere — on the poles of the largest planet in the solar system, Jupiter. For the complete story, go to <http://go.nasa.gov/298tVTU>. Photo credit: NASA, ESA, and J. Nichols (University of Leicester)

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## NASA'S LAUNCH SCHEDULE

**Date:** July 6, 9:36 p.m. EDT  
**Mission:** Launch of Expedition 48 Crew  
**Description:** Launch of the Expedition 48 crew on the Soyuz MS-01 spacecraft from the Baikonur Cosmodrome in Kazakhstan to the International Space Station.  
<http://go.nasa.gov/1VHuSAv>

**Date:** July 18, 12:45 a.m. EDT  
**Mission:** SpaceX CRS-9 Launch  
**Description:** An uncrewed SpaceX Dragon spacecraft, carrying crew supplies and station hardware, will lift off on a Falcon 9 rocket from Space Launch Complex 40 at Cape Canaveral Air Force Station.  
<http://go.nasa.gov/293FmfN>

**Targeted Date:** August  
**Mission:** Orbital ATK CRS-5  
**Description:** Orbital ATK's fifth Cygnus cargo delivery to the International Space Station is targeted for no earlier than an August launch on the Antares rocket from the Mid-Atlantic Regional Spaceport's Pad OA at NASA Wallops Flight Facility.  
<http://go.nasa.gov/293FCLC>

**Date:** Sept. 8, 7:05 p.m. EDT  
**Mission:** OSIRIS-REx  
**Description:** The mission will study Benu, a near-Earth asteroid that is about one-third of a mile across. OSIRIS-REx will bring a small sample back to Earth for study. As planned, the spacecraft will reach its asteroid target in 2018 and return a sample to Earth in 2023.  
<http://go.nasa.gov/1ItsRkl>

**Date:** Oct. 14  
**Mission:** Geostationary Operational Environmental Satellite-R Series (GOES-R)  
**Description:** The advanced spacecraft and instrument technology used on the GOES-R series will result in more timely and accurate forecasts and warnings.  
<http://go.nasa.gov/1YubP2g>

National Aeronautics and Space Administration



# KENNEDY SPACE CENTER

## GLENN CHIN

I am the deputy manager for the Orion Production Operations Office within the Orion Program. Orion Production Operations is responsible for overseeing the production of the Orion spacecraft for the Exploration Mission 1 launching in 2018. My Kennedy career started in 1989 with the historical Spacelab Program as a “hands-on” fluid systems engineer. Spacelab was where I received my dose of engineering touch labor on flight hardware as a young engineer fresh out of college. From June 1996, I worked with the International Space Station Program, and in 2000, I became an ISS mission manager where I managed a Mission Processing Team that processed the ISS flight hardware from Kennedy delivery to launch and post-mission processing. I will always treasure the intensity and teamwork within the Launch Control Center firing room during launch countdown and the post-launch beans and cornbread. I transferred to the Orion Program in 2007. My current position is truly inspiring and challenging as I live my dream building America's next generation deep-space crew exploration vehicle. Looking back at my unique “payloads” career at Kennedy, I realize how fortunate I've been to be a member and contributor to the U.S. Space Program from Spacelab, International Space Station and now Orion. Kennedy is one of the best kept secrets where you do live your dreams.

