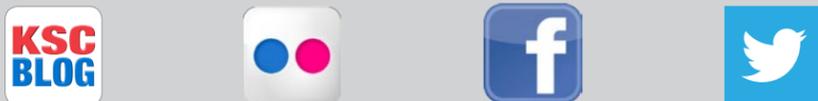


KENNEDY SPACE CENTER'S SPACEPORT MAGAZINE CONTENTS

- 4.....OSIRIS-REx prepped for mapping, sampling mission
- 6.....NASA awards contract for Mars 2020 rover mission
- 8.....SAGE III to look back at Earth's atmospheric 'sunscreen'
- 14.....Engine test shows design ready for new era
- 17.....SpaceX conducts successful parachute system test
- 18.....Crew access arm installed for Starliner missions
- 20.....NASA orders second SpaceX Crew Mission to ISS
- 23.....NASA, Boeing simulate return from low-earth orbit
- 24.....Commercial Crew astronauts discuss progress, training
- 31.....Orion crew module reaches processing milestone
- 32.....Multi-Payload Processing Facility provides 'gas station'
- 38.....Pad 39B infrastructure upgrades support journey to Mars
- 41.....Agreement makes it easier to schedule prescribed burns
- 47.....Demanding Gemini XI mission flies on top of the world

Cover: Team members guide a solid rocket motor into position for attachment to the United Launch Alliance Atlas V rocket first stage booster at Space Launch Complex 41 on Florida's Cape Canaveral Air Force Station. With a Centaur upper stage, the rocket will boost NASA's Origins, Spectral Interpretation, Resource Identification, Security-Regolith Explorer, or OSIRIS-REx spacecraft. Targeted for liftoff Sept. 8, 2016, OSIRIS-Rex will be the first U.S. mission to sample an asteroid, retrieve at least two ounces of surface material and return it to Earth for study. The asteroid, Benu, may hold clues to the origin of the solar system and the source of water and organic molecules found on Earth. Photo credit: NASA/Kim Shiflett

To get the latest Kennedy Space Center updates, follow us on our [Blog](#), [Flickr](#), [Facebook](#) and [Twitter](#).



THE SPACEPORT MAGAZINE TEAM

Editorial	Writers Group		Creative Group	
Editor.....Frank Ochoa-Gonzales	Anna Heiney	Bob Granath	Richard Beard	Amy Lombardo
Assistant Editor.....Linda Herridge	Kay Grinter	Linda Herridge	Lynda Brammer	Matthew Young
Copy Editor.....Kay Grinter	Steven Sicheloff		Greg Lee	

NASA'S LAUNCH SCHEDULE

Date: Sept. 6, 9:14 p.m. EDT
Mission: Expedition 48 Crew Landing
Description: NASA astronaut Jeff Williams and cosmonauts Alexey Ovchinin and Oleg Skripochka of Roscosmos will undock their TMA-20M Soyuz spacecraft from the Poisk module of the International Space Station and return to Earth, landing in Kazakhstan. <http://go.nasa.gov/2a4GLAi>

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/1tsRkI>

Targeted Date: September
Mission: Orbital ATK Resupply Mission to Space Station (Orbital CRS-5)
Description: Orbital ATK's Cygnus cargo delivery to the International Space Station is targeted for a mid September launch on the Antares rocket from the Mid-Atlantic Regional Spaceport's Pad OA at NASA Wallops Flight Facility in Virginia.

Date: Sept. 23, 2:17 p.m. EDT
Mission: Expedition 49 Launch
Description: NASA astronaut Shane Kimbrough and cosmonauts Andrey Borisenko and Sergey Ryzhikov of the Russian space agency Roscosmos will launch to the space station Sept. 23 aboard the Soyuz MS-02 spacecraft from the Baikonur Cosmodrome in Kazakhstan. <http://go.nasa.gov/2as0WLv>

Date: Nov. 4, 5:40 p.m. EDT
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>

Date: Nov. 21
Mission: Cyclone Global Navigation Satellite System (CYGNSS)
Description: Launching from Cape Canaveral Air Force Station, Florida, on a Pegasus XL rocket, the CYGNSS mission will probe the inner core of hurricanes to learn about their rapid intensification. <http://www.nasa.gov/cygnss>

National Aeronautics and Space Administration



JIM CAWLEY

"Here is a fun fact for you . . ."

Over the years, I can't count the number of times my son started a sentence with those words. And much of the time, these "fun facts" have been about space.

I support BA as the Kennedy Space Center awards writer, reviewing and editing employee award nominations with the goal of getting as many approved as possible. I take great pride in helping our employees receive well-earned recognition for their exceptional accomplishments. I also am in charge of HR Insights, BA's monthly newsletter.

My passion for writing comes from a journalism background; my passion for space comes from living and working on the Space Coast — and, of course, from my son. My family and I moved to Brevard from Connecticut in 2004. A 10-year stint as a reporter and copy editor at Florida Today kept me close to the happenings at Kennedy.

On a recent trip to Ireland, I overheard a man talking about launches and reusable rockets. I looked at my wife in amazement as I heard the words "Kennedy Space Center" uttered in a thick, Irish brogue. Here I was 4,000 miles away, and the topic of conversation was my place of work!

As my son begins his freshman year of college and I head into my second year at the center, we still discuss "fun facts" about space. But now, many of these come from me.

