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Front Cover: Commercial Crew astronaut Eric Boe practices docking operations for Boeing's CST-100 Starliner using a part-task trainer designed to mimic the controls and behavior of the spacecraft April 26. They are part of a suite of cloud-based and hands-on trainers that Boeing has built to prepare astronauts and mission controllers. The trainers will be shipped to NASA's Johnson Space Center in Houston this year so astronauts can use them daily to practice numerous situations from normal operations to unlikely emergencies. Photo credit: NASA/Dmitri Gerondidakis

Back Cover: For the 26th birthday of NASA's Hubble Space Telescope, Hubble image of the Bubble Nebula, or NGC 7635, was chosen to mark the 26th anniversary of the launch of Hubble into Earth orbit by the STS-31 space shuttle crew on April 24, 1990. Photo credit: NASA

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NASA'S LAUNCH SCHEDULE

Date: June 18, 5:10 a.m. EDT
Mission: Undocking and Landing of Expedition 47 Crew
Description: Undocking of the Soyuz TMA-19M spacecraft from the Rassvet module and landing in Kazakhstan of the Expedition 47 crew.
<http://go.nasa.gov/rpDbqR>

Date: June 24, 2:41 a.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: Sept. 8
Mission: OSIRIS-REx
Description: The mission will study Bennu, 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>



KENNEDY SPACE CENTER

TIM MOORE



I am the fire rescue/emergency management specialist in the Spaceport Integration Directorate's Protective Services Office at Kennedy Space Center. I wear many hats, such as ensuring that Kennedy's Fire Department is fully mission-capable to respond to any type of emergency.

I support SLS and Commercial Crew programs in developing plans for the rescue of astronauts from the launch pads.

I am thrilled to be a member of NASA Headquarters' Office of Protective Services Functional Review team. This offers me the opportunity to visit different NASA centers and evaluate their fire rescue response capabilities, and bring back best practices to Kennedy.

I also serve as the alternate NASA Emergency Management Office officer, or NEMO, where I am charged with coordinating and integrating all activities necessary to build, sustain, and improve Kennedy's capability to mitigate against, prepare for, respond to, and recover from natural disasters, acts of terrorism, or other man-made disasters.

I really can't say what the most exciting part of my job is because to me it is all exciting. When I know that my work will directly help someone who may be experiencing their darkest hour, I cannot help but feel fulfilled and excited about my career. I began working at Kennedy in 1986 for NASA's Return to Flight. I left twice but never found the NASA Kennedy esprit de corps of loyalty, teamwork, enthusiasm, and devotion to the mission anywhere else. When one has had the honor to be a member of Kennedy's team, it is hard to settle for anything less.