

Defense, Space & Security
929 Long Bridge Drive
Arlington, VA 22202-4208
www.boeing.com

LEROY E. CAIN

**Deputy Program Manager and
Director of Program Integration
Commercial Crew Program
Boeing Exploration Systems
Space, Intelligence and Weapon Systems division**



LeRoy Cain is the Deputy Program Manager and Director of Program Integration for Boeing's Commercial Crew Program, which is building the Commercial Crew Transportation System (CCTS) known as the CST-100 Starliner. He is responsible for managing the development of a commercial human-rated system that can transport NASA astronauts to and from the International Space Station, and eventually, paying passengers to a variety of low-Earth orbit destinations.

Cain also serves as the Spacecraft Mission Director for the program. In this capacity, he chairs the Mission Management Team and has programmatic responsibility and authority for Starliner missions from pre-launch through post-landing recovery.

Prior to his current role, Cain was the manager of Mission Integration & Operations, responsible for managing all aspects of Starliner mission requirements for launch, on-orbit, and landing/recovery operations; crew and mission systems; cargo integration; launch vehicle integration; and mission management.

From 2016 to 2018, Cain managed the Green Run Integrated Product Team for the Space Launch System (SLS) heavy-lift rocket program, responsible for all aspects of Core Stage 1 hot-fire testing. Cain joined Boeing in March 2015 as the Operations Manager for the International Space Station (ISS) program, responsible for executing all operational aspects of the program, including Boeing support in the Mission Evaluation Room at NASA's Mission Control Center, technical performance of operational activities, and coordination of support to the NASA ISS Mission Management Team.

Formerly with NASA, Cain has more than 30 years of experience in human spaceflight program management and operations, including serving as chief of staff to the NASA Associate Administrator for Human Exploration & Operations. In this position, he was also chair of the

Exploration Systems Development (ESD) Standing Review Board. His responsibilities included assessment of the major ESD programs: SLS at Marshall Space Flight Center, Multi-Purpose Crew Vehicle/Orion at Johnson Space Center, and Ground Systems Development and Operations at Kennedy Space Center. He served as chair for a NASA senior-executive review team for these major programs, reporting findings to NASA leadership and provided briefings for other government entities, including the Office of Management and Budget, the Office of Science and Technology Policy, and Congress.

Cain also served as Deputy Program Manager for NASA's Space Shuttle Program from March 2008 through program completion in August 2011. In this role, he shared responsibility with the program manager for the overall management, integration, and operations of the \$3.5 billion shuttle program from Johnson Space Center. He also was chair of the Mission Management Team for all shuttle missions.

From 2005 to 2008, Cain was the Space Shuttle Program launch integration manager at Kennedy Space Center, the senior NASA program official responsible for all shuttle activities at the site. Cain was the first non-astronaut to serve in a permanent capacity in this critical position for NASA. Before that, he was a space shuttle flight director in the Missions Operations Directorate, where he specialized in space shuttle launch and landing operations and directed 20 shuttle missions.

A NASA Distinguished Service Medal recipient, Cain began working in the space industry in 1988 as a guidance and control systems engineer. He was certified in five different NASA flight control positions, and served as the Guidance, Navigation, and Control officer for 37 shuttle missions. Cain is a graduate of Iowa State University with a Bachelor of Science degree in aerospace engineering.

#

Contact:

Rebecca Regan | Mobile: +1 321-607-2297 | rebecca.a.regan@boeing.com | February 2023