

Brief Bio: Jay Estes

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Jay is a Senior Technical Advisor for Axiom Space, serving in this capacity since February, 2023. After graduating from the University of Oklahoma in 1987 Jay started his career at NASA earning extensive experience in GNC Systems analyses and flight testing through 2001 being a part of several space missions studying electrodynamic tether systems with the Space Shuttle, and flight control design and analysis for the X-38 crew rescue project.



In the early 2000's Jay worked flight test objectives for Shuttle return to flight after Columbia, and subsequently served as a deputy flight test manager for the Orion Pad Abort 1 flight test in 2010. In 2012 he became a vehicle manager for the Morpheus Lander project and performed Flight Testing and hazardous field operations as Pad Crew Leader. Subsequently, he was responsible for certification and qualification for an active radiation monitor device for Orion, and managed a Space Act Agreement with a small autonomous moon lander company.

Jay became Chief engineer for an autonomous precision lunar landing system 2018 - 2020, and from 2020 thru 2023 Jay was a project manager in the Project Managers & Systems Engineering Division. In that capacity, Jay served as project manager for Ingress/Egress system in support of the Human Landing Systems contract, and became project manager for the CHAPEA Mars Analog Project. He also managed technical development for an Orbital Debris measurement science instrument (MACS) development led by JSC's Orbital Debris Program Office.

Jay worked at NASA/JSC in various technical disciplines and project management for a total of 37 years including internships, before moving his career to Axiom Space in 2023. He is thrilled to be a part of Axiom's push to become the leader in privatization and commercialization of Low Earth Orbit.