



BIOGRAPHY

UNITED STATES SPACE FORCE

MR. MARK Y. HONDA

Mr. Mark Honda is the Space Systems Command Chief Engineer working in the Space Systems Integration Office, United States Space Force. As Chief Engineer, Mr. Honda provides leadership in guiding the Systems-of-Systems integration effort across all portfolios within SSC's program executive offices, as well as with mission partners in the National Security Space Enterprise.

Prior to this position, Mr. Honda held a variety of technical and leadership positions in industry. He started his career at Hughes Space and Communications (later Boeing Space and Intelligence Systems) in 1995 within the Systems Engineering organization. During this time, he gained experience across the full systems engineering life cycle - from proposals, space vehicle development, unit design and manufacturing, verification and validation, space vehicle integration and test, launch and mission operations, and on-orbit support to customers. In 2004, he was promoted to the Electrical Power and Harness Systems Engineering group manager. Following his tenure with Boeing, in 2008, The Aerospace Corporation recruited Mr. Honda as a Senior Project Engineer in the Space Superiority Systems Department where he also subsequently served as a Senior Project Leader in the Advanced Programs Department. In 2020, Raytheon Space and Intelligence recruited Mr. Honda as an Associate Director working as the Program Area Chief Engineer (PACE) for the Civil, Commercial, and International (CC&I) portfolio.



Over his career, Mr. Honda participated in over 25 launch and mission operation campaigns and worked over 13 programs from award through launch across commercial, civil, DoD, and classified customers. He has also earned two patents.

EDUCATION

1995 Bachelor of Science, Aerospace Engineering, University of California, Los Angeles, Los Angeles, Calif.
2001 Master of Science, Systems Architecture and Engineering, University of Southern California, Los Angeles, Calif.
2005 First Line Leadership, Boeing Leadership Center, St. Louis, Missouri
2023 Engineering and Technical Management Practitioner, Defense Acquisition University, Los Angeles, Calif.

CAREER CHRONOLOGY

1. July 1995 – October 2003, Telemetry and Command Digital Systems Engineer, Hughes Space and Communications, El Segundo, Calif.
2. January 1997 – October 2003, Electrical Power and Harness Systems Engineer, Hughes Space and Communications, El Segundo, Calif.
3. October 2003 – September 2004, Electrical Bus IPT Lead, Boeing Space and Intelligence Systems, El Segundo, Calif.
4. July 2004 – September 2008, Manager, Electrical Power Systems Engineering, Boeing Space and Intelligence Systems, El Segundo, Calif.

5. September 2008 – January 2009, Systems Engineer, SBSS Program, The Aerospace Corporation, El Segundo, Calif.
6. January 2009 – September 2014, Senior Project Engineer, Special Projects, Space Superiority Systems Department, The Aerospace Corporation, El Segundo, Calif.
7. October 2014 – May 2020, Senior Project Leader, Advanced Programs, The Aerospace Corporation, El Segundo, Calif.
8. May 2020 – May 2022, Associate Director, Program Area Chief Engineer (PACE) for Civil, Commercial, and International (CC&I) Programs, Raytheon Intelligence and Space
9. December 2022 – January 2024, SSC/S9 and Acting Division Chief (SSC/BZE), Space Systems Integration Office, United States Space Force, Space Systems Command, El Segundo Calif.
10. May 2022 – Present, SSC Chief Engineer, Space Systems Integration Office, United States Space Force, Space Systems Command, El Segundo Calif.

MAJOR AWARDS AND DECORATIONS

2005 U.S. Patent Award (#6928381) - Battery Over-temperature Control System and Method
2012 U.S. Patent Award (#8159366) - Measurement of current and voltage of an in-orbit solar array
2023 Engineering and Technology Management Practitioner

(CURRENT AS OF MARCH 2024)