

EBAD's Spacecraft Dispensing Mechanisms Propel Amazon's Project Kuiper into Orbit

EBAD powered the launch of Amazon's first 27 Kuiper satellites with key tech, supporting global broadband and the future of space connectivity

SIMSBURY, CT, UNITED STATES, May 6, 2025 /EINPresswire.com/ -- [Ensign-Bickford Aerospace & Defense \(EBAD\)](#) has once again demonstrated its unparalleled expertise in spacecraft dispensing with the successful deployment of the first round of [Amazon's Project Kuiper satellites](#). EBAD designed and delivered industry-leading NEA®-based dispensing mechanisms that enabled this critical milestone for the Amazon Kuiper constellation.



Amazon's Project Kuiper satellite launch. Photo credit United Launch Alliance (ULA).

Project Kuiper's ambitious goal to establish a constellation of over 3,200 low Earth orbit (LEO) satellites for global broadband internet took a significant leap forward with the flawless deployment of 27 satellites, thanks in large part to EBAD's dispensing mechanisms.

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Our involvement in Project Kuiper exemplifies our commitment to enabling advancements in global connectivity. ”

*Lisa Brown, Market Segment
Director for Launch Vehicles
at EBAD*

EBAD's overall contributions to this mission go beyond the successful dispensing of the Kuiper satellites. EBAD also provides several critical technologies to enable the Atlas V to reach orbit. Key solutions and technologies include dispensing mechanisms, modular electronics channels to fire the mechanisms with precision, stage and fairing separation joints, controlled transmission of energetic

signals throughout the vehicle, the flight termination system, and various other essential separation and mechanical components needed throughout the mission.

“Our involvement in Project Kuiper exemplifies our commitment to enabling advancements in

global connectivity. Coupled with our enduring relationship with United Launch Alliance, we pride ourselves on supporting and ensuring launch vehicle capability for missions exactly like Kuiper” said Lisa Brown, Market Segment Director for Launch Vehicles at EBAD.

With the successful deployment of 27 satellites, and thousands more planned, EBAD stands ready and excited to support the continued expansion of Project Kuiper. Our proven, high quality technologies and dedication to the mission position us as a partner of choice within the space market.

For more information about EBAD’s spacecraft dispensing solutions and their applications in space missions, please visit EBAD.com

About Ensign-Bickford Aerospace & Defense (EBAD):

Ensign-Bickford Aerospace & Defense Company (EBAD) is a global leader in precision energetic systems and innovative aerospace solutions. With a legacy spanning over 180 years, EBAD is committed to delivering mission-critical technologies that ensure the success of defense and space operations worldwide.

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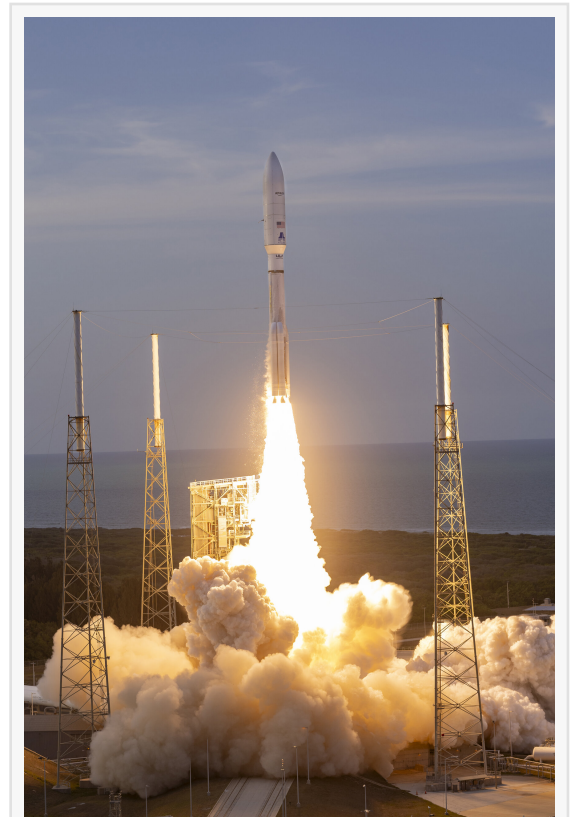
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