

The Dash 7 that will be modified into a hybrid electric research vehicle under NASA's Electrified Powertrain Flight Demonstration (EPFD) project on display with its new livery for the first time. In front of the plane is an electric powertrain that magniX will integrate into the current aircraft to build a hybrid electric propulsion system.
NASA Langley/David C. Bowman

Langley Team Supports EPFD's Dash 7 Hybrid Electric Aircraft Unveiling in Washington State

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The future of sustainable aviation was on display in Washington State last month for a special unveiling ceremony of EPFD's Dash 7 hybrid electric aircraft with a one-of-a-kind livery. NASA's Electrified Powertrain Flight Demonstration (EPFD) project conducts ground and flight tests of electrified aircraft propulsion (EAP) technologies to enable a new generation of electric-powered aircraft.

EPFD Project Manager Gaudy Bezos-O'Connor and a Langley-badged Office of Communications team, including EPFD strategic communications lead Michael Jorgensen and intern Tristan Finazzo, traveled to Moses Lake and Seattle in August for the ceremony. EPFD industry partner magniX hosted the event at

King County International Airport in Seattle, where local and national media outlets arrived to spotlight the latest milestone in the EPFD project.

Members of NASA leadership, including Robert A. Pearce, associate administrator for the Aeronautics Research Mission Directorate (ARMD), attended the unveiling. Pearce spoke about NASA's role in the project and vision for the future of sustainable aviation. Lee Noble and Kate McMurtry, director and deputy director for the Integrated Aviation Systems Program (IASP), also attended the ceremony.

NASA Langley photographer David C. Bowman's photo from the unveiling event was featured as the NASA Image of the Day for Friday, August 23 through Monday, August 26. His photo of the Dash 7 in flight at Moses Lake also ran in a Wall Street Journal article on the value of hybrid electric technologies in the aviation industry's quest for electrification. The article describes NASA's role in testing and demonstrating these hybrid electric technologies and can be found here:

In the Quest for Electric Planes, Hybrid May Be the Answer

NASA Langley videographer Gary Banziger also shot footage of the event, which will soon roll out on NASA's social media channels, found using following links:

Facebook

X/Twitter

Instagram

NASA and EPFD were also featured in a Seattle Times article on the event, which can be found here: https://www.seattletimes.com/business/seattle-area-electric-aviation-startup-nasa-unveil-plane-to-become-hybrid/.

Read more about the event in this NASA web feature:
https://www.nasa.gov/aeronautics/hybrid-electric-aircrafts-new-colors/

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