

Last Week In Innovative Mobility

May 26 - June 1, 2025



ADVANCED AIR MOBILITY

Joby Aviation receives \$250 million from Toyota to scale electric vertical takeoff and landing (eVTOL) aircraft development. Joby Aviation plans to begin manufacturing eVTOL aircraft at their Dayton, Ohio facility by the end of 2025, leading to the creation of about 2,000 jobs. The partnership between Joby Aviation and Toyota has helped Joby streamline manufacturing processes and optimize design to help meet customer demand.



Joby Aviation

AUTOMATED VEHICLES

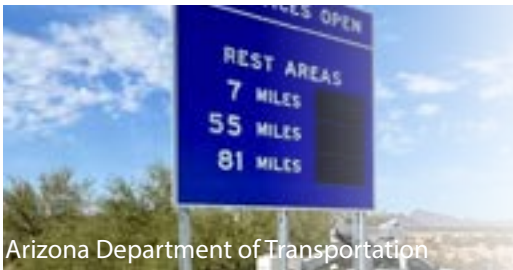
U.S. Senator Cynthia Lummis introduces a bill to reduce the red tape around automated vehicle (AV) deployment across the country. The bill is aimed at addressing AV certification challenges and creating a framework for the commercial viability of Level 4 and 5 AVs. The bill draws upon a 2016 report from the Volpe Center that identifies challenges associated with AVs from the Federal Motor Vehicle Safety Standards.



Jim Allen/FreightWaves

GOODS MOVEMENT

The Arizona Department of Transportation launches a real-time truck parking availability system at four rest stations along Interstate 10. The system provides information on the number of open truck parking spaces and other amenities, on the Arizona Traveler Information website. The need for this system arose from a poll indicating that approximately 75% of truck drivers spend more than 30 minutes searching for a parking spot along Interstate 10.



Arizona Department of Transportation

TNCs/RIDEHAILING

Carma Technology seeks a jury trial and permanent injunction against Uber for patent infringement. Beginning in 2016, Carma Technology reached out to Uber about their infringement on five of their patents related to matching passengers and goods with a vehicle, a business model they pioneered before shifting their focus to road pricing technology. In addition, between 2016 and 2019, Uber received at least four patent rejections because similar patents already existed.



Carma

TRANSPORTATION FUELS

PepsiCo converted 20 heavy-duty trucks in Iowa to operate on a fuel made of 99% biodiesel and 1% diesel, known as B99. To support the operation of these trucks, a Pilot Travel Center in Urbandale, Iowa installed the first aboveground B99 fuel pump. Iowa's status as the largest biodiesel producer and the second-largest soybean grower makes it a strong candidate for demonstrating the feasibility of biodiesel adoption in vehicle fleets.



Brian Powers/The Register

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Innovative Mobility Research (IMR) focuses on the future of mobility and is based at the Transportation Sustainability Research Center at the University of California, Berkeley

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