

Last Week In Innovative Mobility

October 21 - 27, 2024



AUTOMATED VEHICLES

Elon Musk reports ongoing testing of the Tesla Full Self Driving automated vehicle software. For the past few months, Tesla employees have had access to the Tesla prototype ridehailing app to order an automated vehicle test ride. The testing has occurred in California's San Francisco Bay Area, and all vehicles have a safety driver supervise the driving.



Cath Virginia/The Verge

ELECTRIC VEHICLES

Data from Cox Automotive suggest electric vehicle (EV) sales in the U.S. reached a record 9% of new vehicle sales. In September 2024, over 100,000 new EVs and over 26,000 used EVs were sold across the country. Additionally, the average cost of a used EV was \$37,260, which is 8.4% less than the average used EV in September 2023.



CBT News

ELECTRIC VEHICLES

The City of Louisville, Colorado becomes the first U.S. city to fully electrify their recycling and waste collection truck fleet. The electric waste collection trucks include a variety of safety features including: a larger windshield, lane departure sensors, automated emergency braking, and audible alerts for pedestrians. In addition, the states of California and Colorado offer incentive programs to support the adoption of electric waste collection trucks.



electrek

ELECTRIC VEHICLES

Tesla announces plans to begin mass production of their electric class 8 semi truck in 2026. The trucks are expected to be manufactured at the Tesla gigafactory in Reno, Nevada. At this time, about 200 Tesla Semis have been delivered to select customers and are equipped with Tesla's Full Self Driving technology, which may be leveraged in the future.



North American Council for Freight Efficiency

URBAN AIR MOBILITY

The Federal Aviation Administration (FAA) announces the finalized training and certification rules for electric vertical take-off and landing (eVTOL) aircraft. The rules allow pilots to train for eVTOL operations using a single set of flight controls. Additionally, Mike Whitaker, the FAA administrator, explains the rules are designed to be performance-based and flexible.



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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

