

Aeronautics Report

Acting Administrator Denise Garcia

October 16, 2024



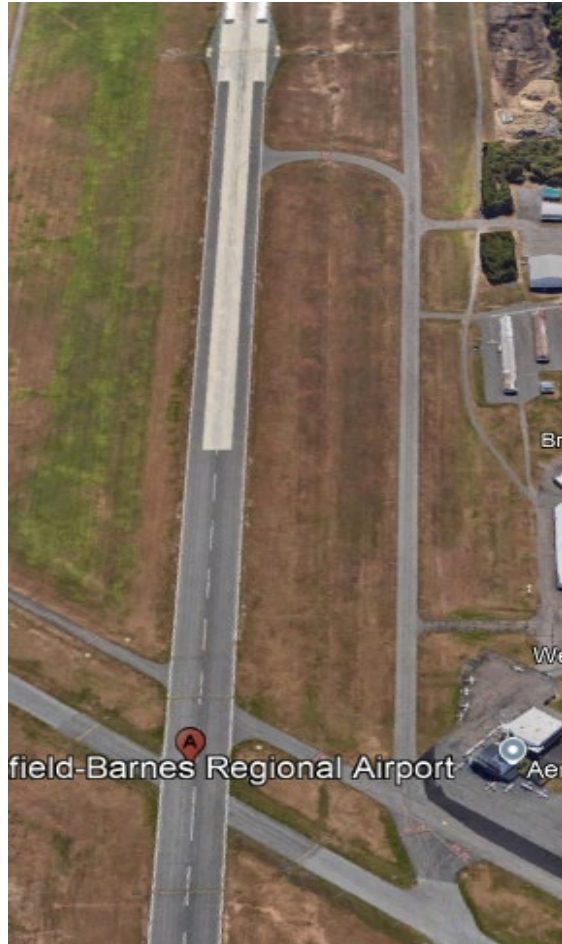
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Taxiway "B" South Reconstruction

Westfield-Barnes Regional Airport reconstructs Taxiway to meet current FAA compliance standards

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September 2023
Facing South



September 2024
Facing South

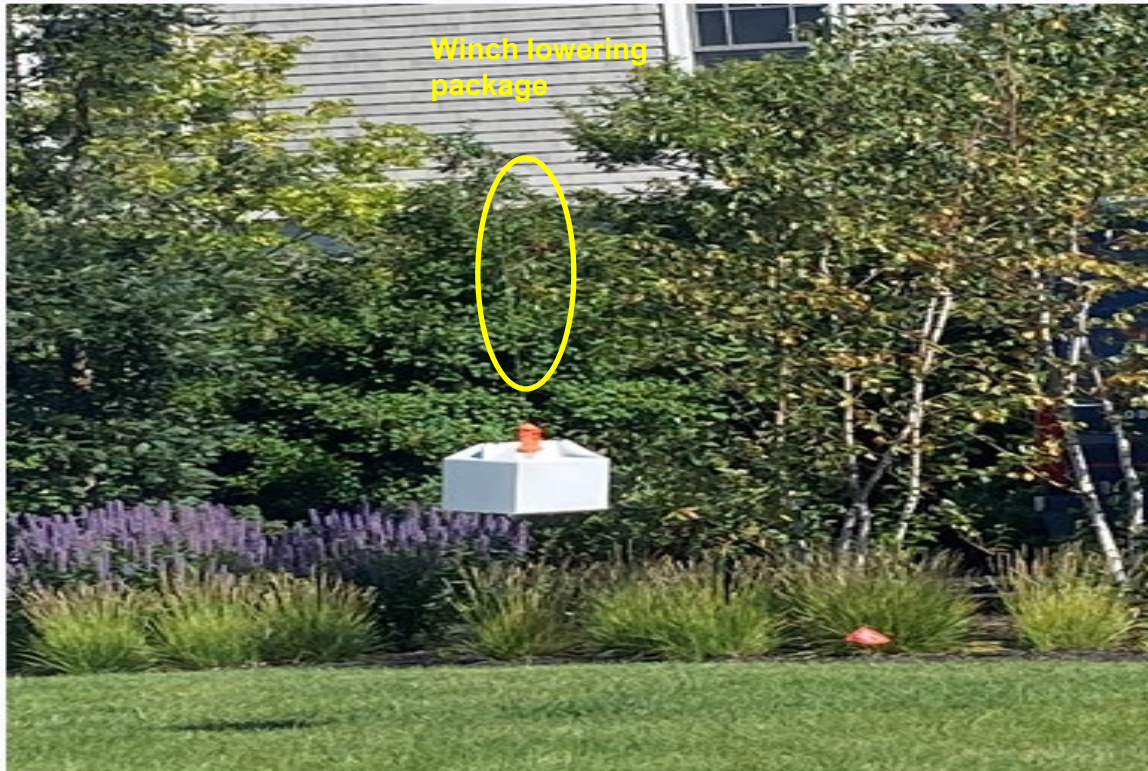


- The \$32 M project supports Massachusetts Air National Guard (MANG) alert mission and GA
- Funded by FAA, MassDOT Aeronautics, DOD, Military Task Force and City of Westfield
- Anticipated construction completion – Fall 2025

Demonstrating Drone Delivery

Developing a “highway in the sky” approach to support drone medical delivery needs

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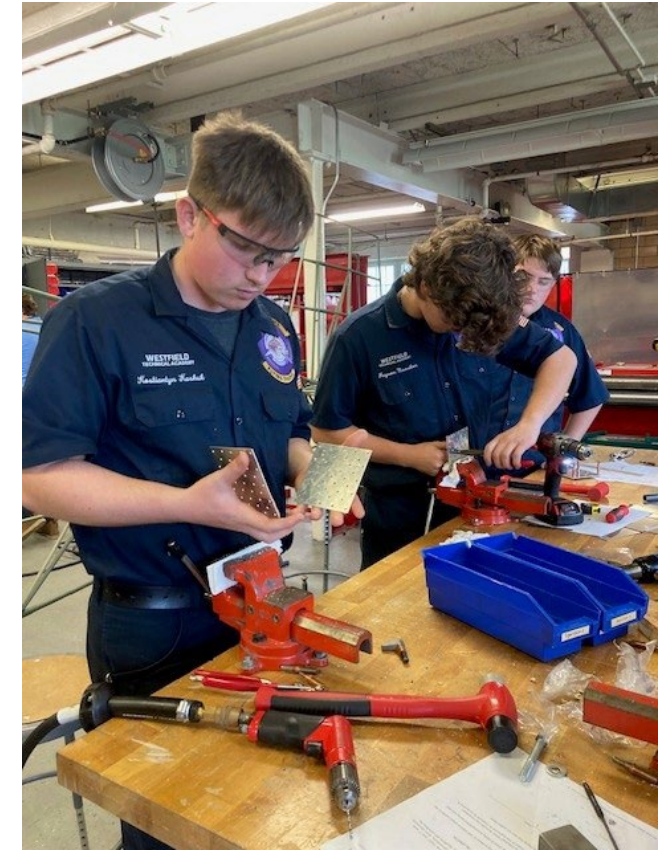
- Aeronautics contracted with three drone delivery companies to perform demonstrations
 - Drone-up
 - Dragonfly
 - Arrive AI
- Mass General Brigham Hospital has begun its own delivery demonstration at the Faulkner Hospital

WTA/Beta Meeting

Westfield Technical Academy (WTA) & Beta Technologies share common focus on the need to develop more Aviation Maintenance Technicians (AMTs)

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- FAA Part 147 AMT Certification
- Program limited to 14 students per grade due to space limitations
- Operates from WTA main campus
- Hands-on-training labs located in a refurbished hangar at Westfield-Barnes Regional Airport
- WTA conducting feasibility study to develop a second hangar at the airport
- Potential employers include Gulfstream Aircraft and Beta Technologies
- AMT positions are in demand with 2023 median pay of \$75,400 per year



International Highway Engineering Exchange Panel (IHEEP)

30 State DOTs meet in Des Moines IA to discuss Small Uncrewed Aircraft Systems (sUAS)

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- Aeronautics briefed their drone program at the State Roundtable
- Panels focused on how sUAS can collect data that supports multiple transportation use cases
- Conference focused on digital delivery
- Chris Grazioso, Chief of DOP, briefed the MassDOT Drone Training Program for Highway Bridge Inspectors
- There were multiple demonstrations of UAS technology and associated data programs
- An emphasis was placed on opportunities for machine learning and artificial intelligence (AI) technologies.



Thank You

