

Virginia Tech/Montgomery Executive Airport

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ABOUT THE VT AIRPORT

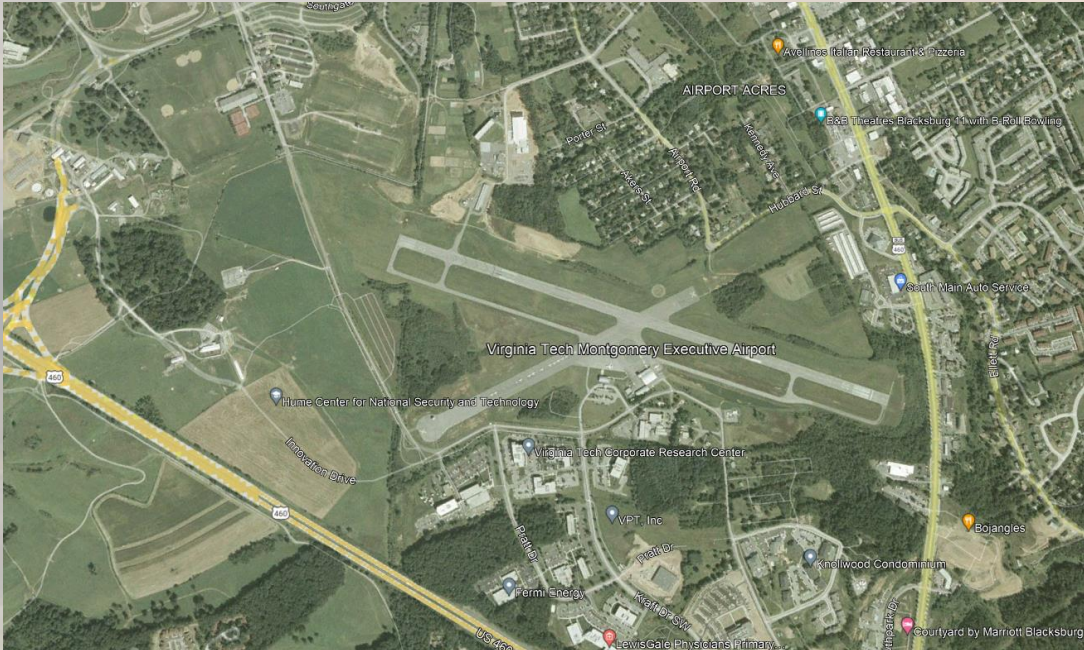
- History dating back to the 1930's
- 5,500 foot runway – General Aviation Airport
- 255 Acres – in Town of Blacksburg limits



Then and Now

2003

2024





VT AIRPORT

UNITED STATES OF AMERICA



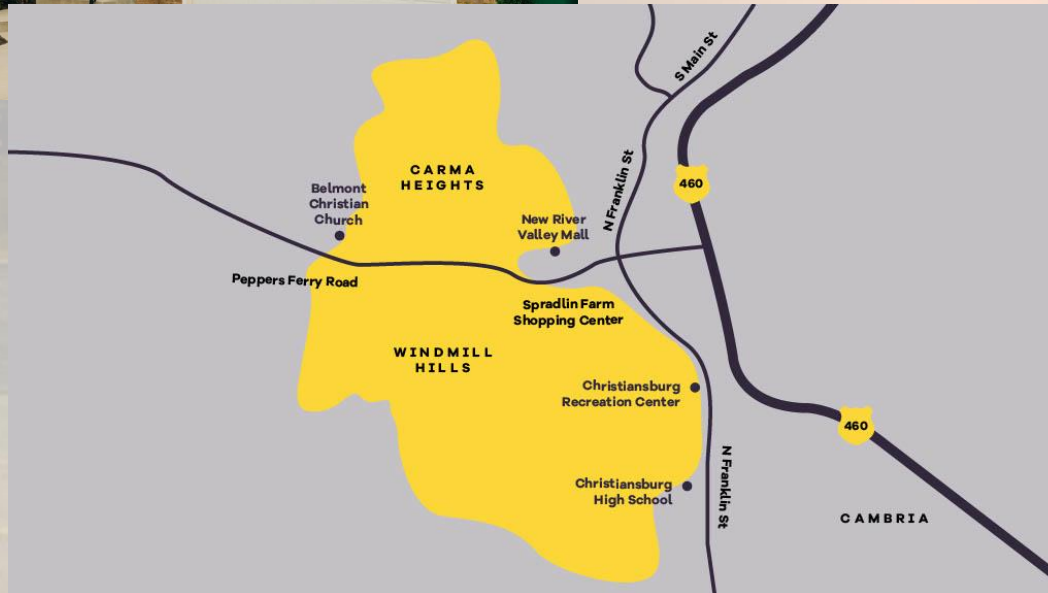
MID-ATLANTIC AVIATION PARTNERSHIP (MAAP)

- Formed in 2013, is now one of Virginia Tech's Institutes for Critical Technology and Applied Sciences.
- FAA-designated UAS test site (one of the first to be established).
- Focused on progressively overcoming obstacles to move the unmanned aircraft systems industry forward.
- Numerous tests undergoing including Beyond Line of Sight Operations
- Facilities on and off campus – including some coordinated testing on airport



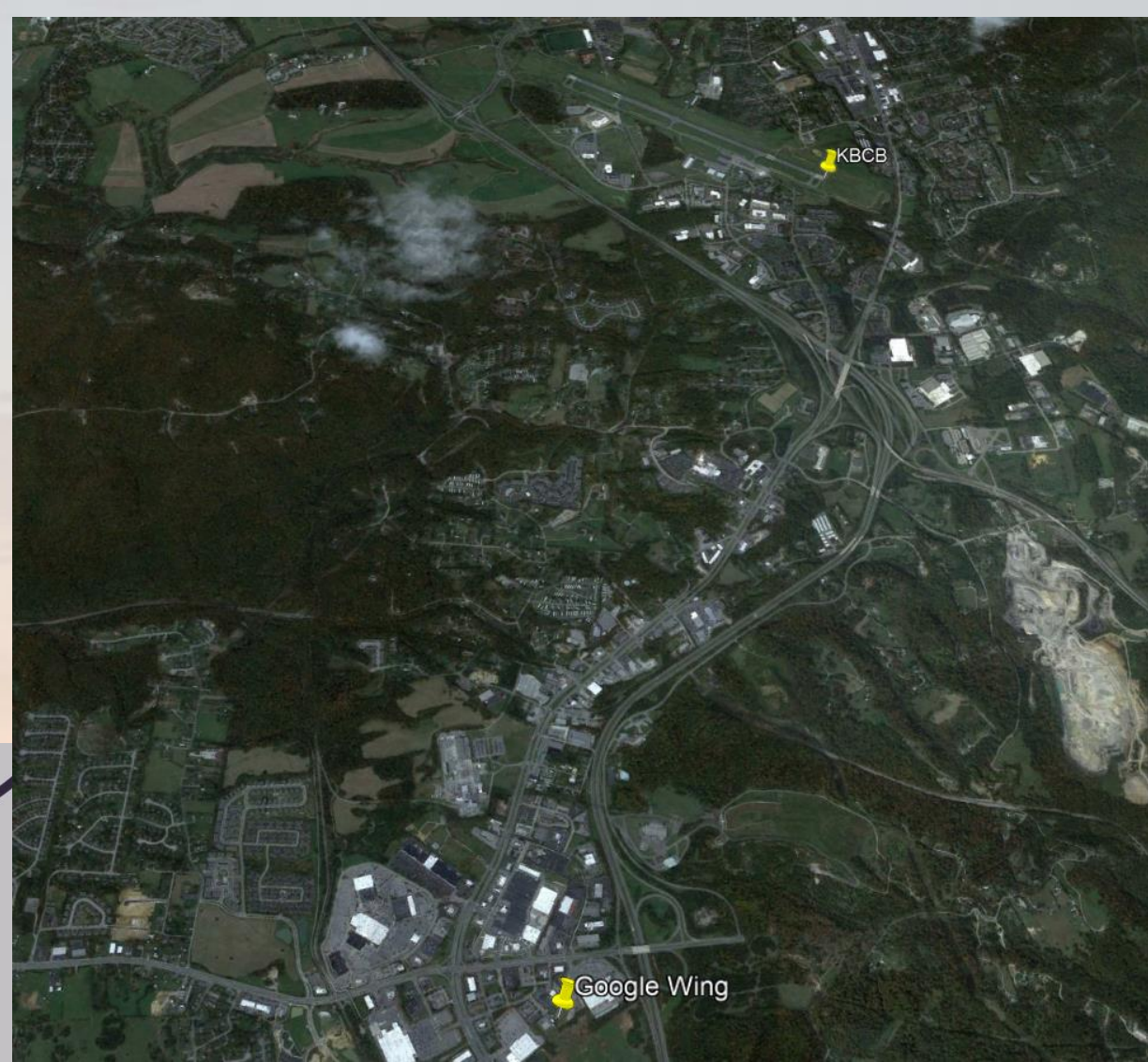
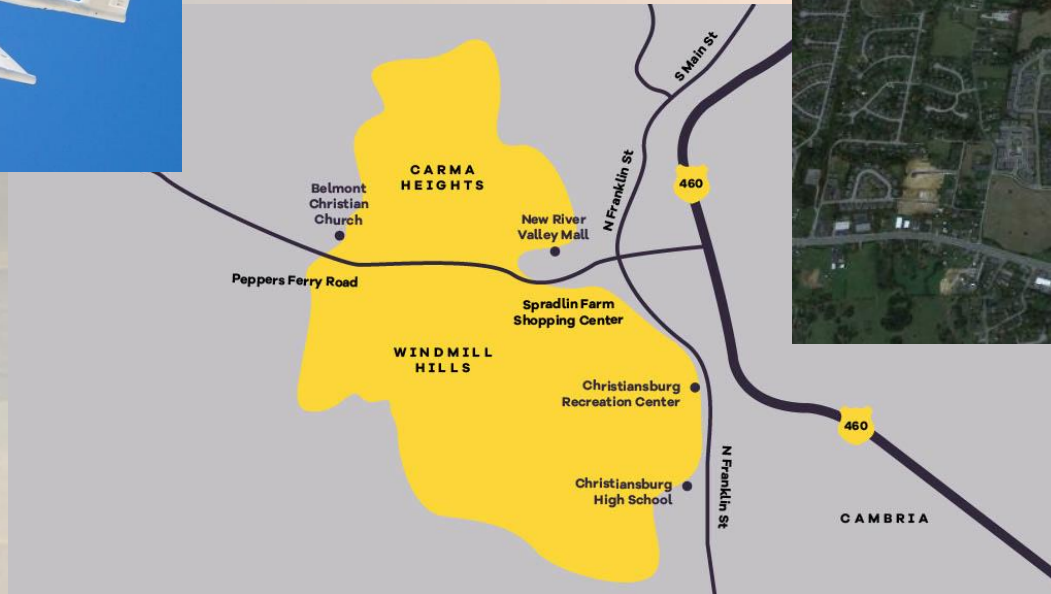
Alphabet (Google) Wing

- Started drone delivery service in Christiansburg, VA in 2019.
- The first in the U.S. drone delivery location.
- Today, wing has even partnered with DoorDash to provide delivery of Wendy's.





3.1 MILES FROM RUNWAY END





- Recall the fear and uncertainty of drones in 2019
 - Part 107 Framework wasn't even proposed until February 2015 and not enacted until 2016 – airports are confused.
 - By 2017 80,000 people drones had been registered
 - September 2017 – a done collides with a UH-60 Helicopter in New York
 - 2018 100,000 Part 107 certificates issued – airports are still confused
 - 2019 FAA modified Part 107 for rules on prior authorization before flying in controlled airspace
- Wing took a systematic, slow and safety first approach. Held pilot and community outreach. Demonstrated their air traffic control and safety protocols. Let pilots touch, see and understand their technology and how their flight patterns and protocols would achieve a safe and shared airspace system.
- Monitors our UNICOM. Keeps tabs on ADS-B and other data. Especially important for the hospital helipad
- Is now so seamless – **I don't loose any sleep over it!**

THIS IS STILL US AND OUR PRIMARY MISSION



AVIATION IS OUR PASSION



AND SERVING THE NEEDS OF REGION IS WHAT WE DO



BUT LIKE OUR PAST WOULD SUGGEST, WE LIKE TO INNOVATE AND BE ON THE CUTTING EDGE OF THE FUTURE



- In 2021 we began to work with BETA Technologies to install an electric charger at the airport.
- In 2022 we signed a 10-year agreement for them to install an aircraft charger and vehicle charger, at their expense, on a revenue share program
- In June 2023 the install was completed.
- **The first in Virginia!**

For BCB, History was made...

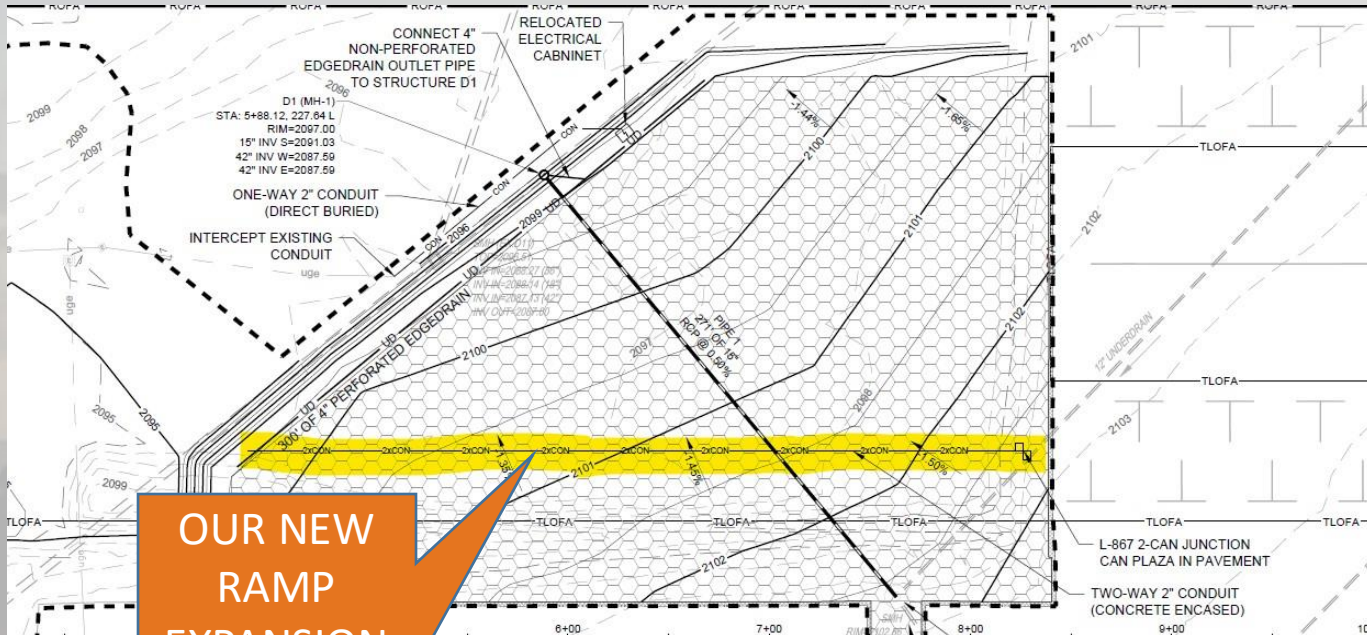


THE FIRST FULLY ELECTRIC
AIRCRAFT OPERATION AT BCB
OCCURRED ON FEBRUARY 14,
2024.



TIE IT ALL TOGETHER...

- Electric, fossil fuel, hydrogen, hybrid – it doesn't matter...Safety is #1
- Airports primary missions are to serve the aviation needs of the community – and frankly to break even financially while doing it.
- Available airport land is finite and hard to come by
- Airports offer the best known and safe existing landing sites
- Regulations move slowly
- Every airport is unique
- We may not even know how to tow your airplane or understand the ground handling needs of new entrant aircraft. Teach us/help us
- We will try our best to plan for the future – but it may happen faster than we can make it happen



OUR NEW RAMP EXPANSION INCLUDES EXTRA ELECTRICAL CONDUIT

THANK YOU

ANY QUESTIONS?

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