



TWEED
NEW HAVEN
AIRPORT

Annual Ward 18 Community Meeting

June 10, 2025

AVPORTS





Agenda



General Updates



Topics:

Traffic & Parking, Noise, Air Quality



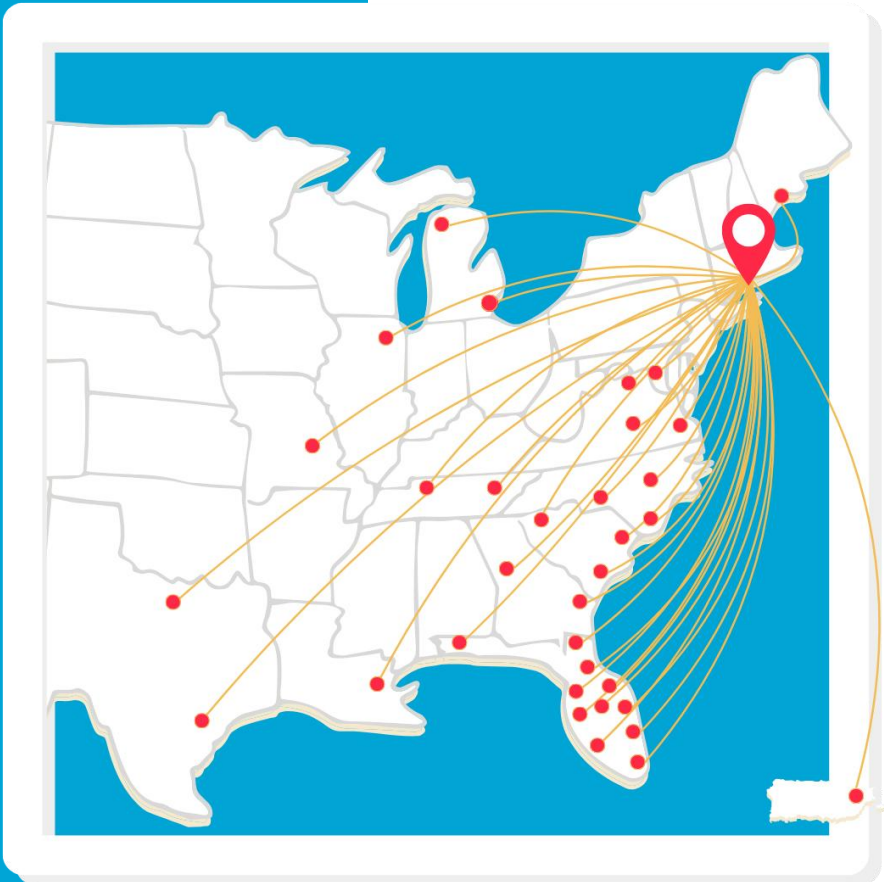
Expansion Updates



Q&A on Current Operations



New Haven offers more options than ever...



+30

*destinations
across the U.S.*



18 flights

*daily departures
(2025 average)*

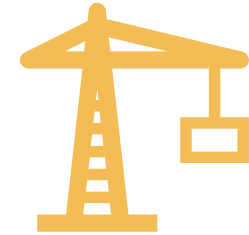
EA predicted by 2026, 1.2 million; we're at 1.4 in 2025

...driving major economic growth for the region



+2,200

jobs by 2026



\$100m

*in construction
impact by 2030*

**Most impact concentrated in New Haven County,
according to the University of Connecticut Center for
Economic Growth (CCEA)**



We're making improvements alongside our growth...

Increasing TSA screening capacity



*Adding a third TSA lane,
+50% capacity*

Improving traffic management



*Installing roundabout,
internal traffic changes*

Decompressing flight schedules

	2358	A3	Now 9:22
	7:28 P	5267	E13 Now 6:58
Bay	4:44 P	840	D10 Arrived
Bay	6:30 P	875	D11 Now 6:27
inery	3:06 P	6140	E4 Now 7:43
each	7:15 P	5622	E29 Now 7:06
e	4:55 P	2554	A26 Arrived
e	6:14 P	449	B1 Arrived
e	9:13 P	5660	E11 On Time
	6:45 P	893	B5 Now 6:22
beans	5:59 P	2615	B13 Arrived
k-JFK	7:09 P	5308	A11 Now 6:36
k-JFK	9:02 P	2038	B15 Now 9:09
k-JFK	10:28 P	4673	A9 On Time
k-LGA	6:04 P	5428	A5 Arrived
k-LGA	7:17 P	2068	C6 Now 7:08
k-LGA	9:02 P	1722	B3 Now 9:09

*Moving from 15 min
increments to 25-30 min*

Increasing HVN staffing



*Hiring all departments,
safety and operations*

Hiring additional law enforcement



*More extra duty officers
when they're needed most*

At the 2024's Community Meeting, we heard you:

Noise Monitoring

Law Enforcement

Fuel Trucks on Thompson Avenue

Congestion on Fort Hale Road

Air Quality

And we delivered:

Launched WebTrak

Improved report form

Deployed 2 noise monitors

Increased law enforcement

Hired additional HVN staff

Reduced fuel truck traffic

Constructed roundabout

Improved traffic management

Launched Air Purifier Program

Installed 2 air quality monitors



Key Topics



**TRAFFIC
PARKING**



NOISE



**ODOR
AIR QUALITY**



Topics

Traffic &
Parking

Noise

Air
Quality

Traffic Safety



Traffic Calming on Fort Hale and Dean

- -30% reduction in total traffic on Ft. Hale Road
- Internal airport changes to reduce congestion and residential spill-over
- Additional wayfinding to reduce vehicle count during school pick-up

School Safety

- Additional safety crossing guards at Nathan Hale School

Automated Traffic Enforcement Safety Device (ATESD)

- Main and Woodward (Red Light Camera)
- Townsend Avenue (Speed Camera)
 - Pending DOT review



Topics

Traffic &
Parking

Noise

Air
Quality



Parking Enforcement

- Ongoing cooperation with City of New Haven, Residents, and Ward 18 Alder
- Summer and weekend enforcement efforts ramp-up
- New RPZs approved or pending approval by BOA
- Additional enforcement resources approved by BOA beginning July 1, 2025

Rideshare, Airport Parking & Traffic Management

- Ongoing conversations with Uber
- Adding off-site parking (+40%), with shuttle service
- Increased law enforcement presence
- Reconfiguration of traffic flow, management



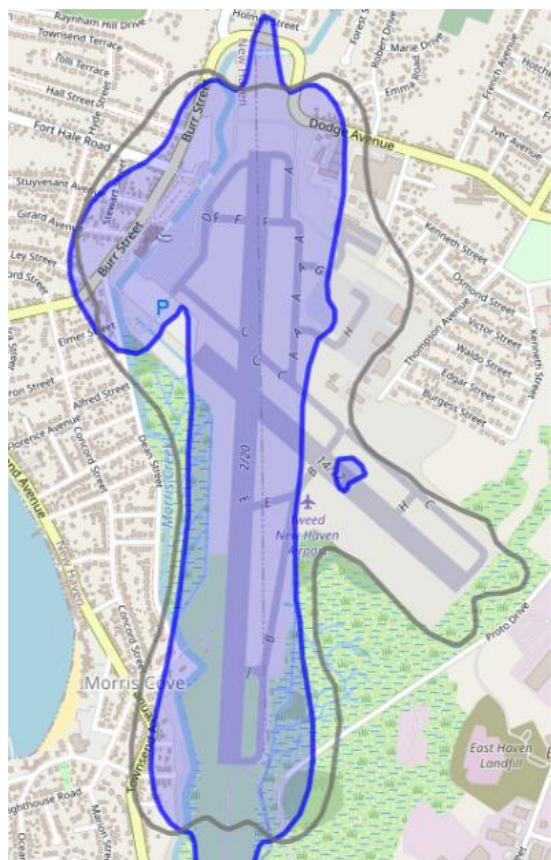
Residential Sound Insulation Program (RSIP)

Topics

Traffic &
Parking

Noise

Air
Quality



- Since 2014, HVN has allocated +\$12 million and treated 181 homes, most recently in 2023
- 24 additional homes are currently eligible, pending future funding
- Future noise studies will be completed in conjunction with the runway extension, changing contour maps and eligibility
- RSIP is a federally regulated program, dependent on available funding and schedules
- All eligible households will be contacted directly



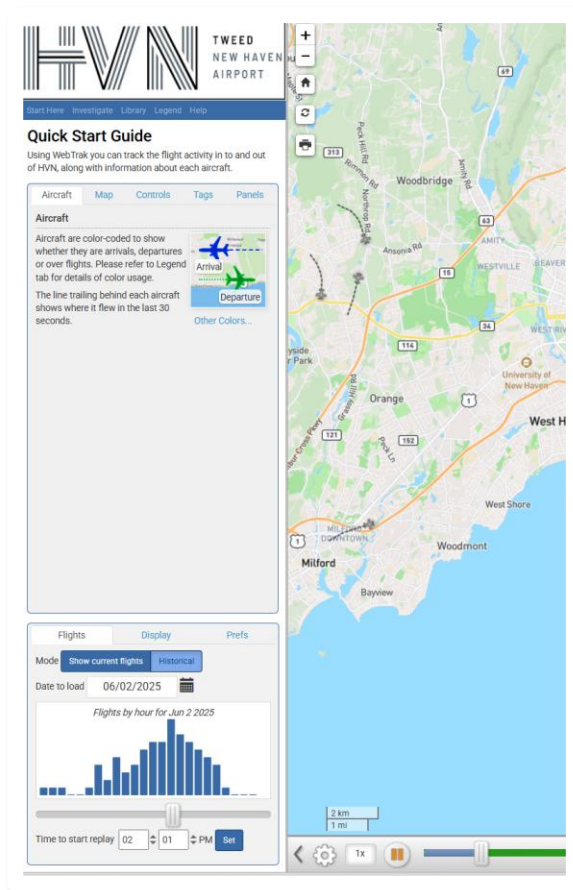
Topics

Traffic &
Parking

Noise

Air
Quality

Transparency around aircraft-related noise, activity



- Partnered with a global leader in environmental monitoring to increase transparency on local aircraft activity and noise
- Improved noise and odor complaint form
- Deployed portable monitors on airport property to collect baseline data, with residential placements planned for July
- All information publicly available



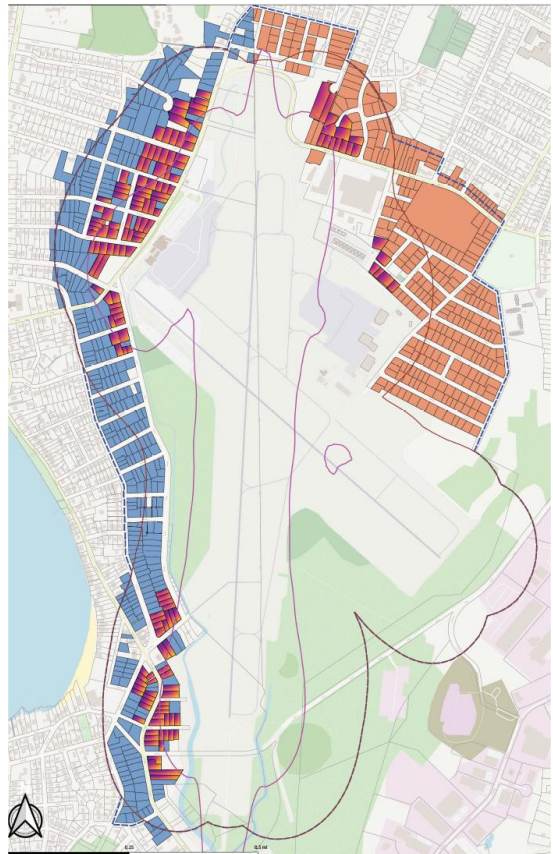
Topics

Traffic &
Parking

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Residential Indoor Air Program (Launch)



- In response to community feedback raised at last year's meeting
- Residential air purifiers for approximately 496 households in New Haven -- at no cost
- Additional 319 eligible homes in East Haven, total of 815 eligible households in New Haven and East Haven
- Outreach planned for late July/early August, all eligible households will be contacted directly
- *Product information on next slide*



Topics

Traffic &
Parking

Noise

Air
Quality

Product Specifications



CADR IN CFM claimed	225
Room Coverage	700 – 1,400 Sq Ft
True HEPA	YES
Filter Options	4
Filter Life (Pure HEPA)	9-12 months
Fan Speeds	4
(Max) Sound Level db	55
(Min) Sound Level db	39
Ionizer	No
Unit Dimensions WxDxH	15" x 8.5" x 25"
Weight	15 lbs
(Max) Power	56 watts
Air Quality Indicator	NO
Lifetime Warranty	Activated with service level agreement

**Multiple Filter Options based on concerns*

	Dust	Allergens	Bacteria	Germs	Mold	Viruses	VOCs	Smoke	Odors**
Pure Filter	●	●	●	●	●	●			
Fresh Filter	●	●	●	●	●	●	●	●	●
Odor Filter	●	●	●	●	●	●			●

***Sweat, gym smells, bathroom odors*

- True HEPA Air Purifiers
- Includes Fresh Filters to capture the most amount of airborne particles
- Purifies air up to 700 sq ft every 30 minutes (1,400 sq ft per hour)
- Simple and easy-to-use



Expansion Updates

Milestones

Design

Future
Meetings

Milestones

2021

Expansion
Announced

2023

FAA Finding of No
Significant Impact
(FONSI) Issued

2024

3 Million Total
Passengers

2025

60% Terminal Design
90% Runway Design

2025

CT DEEP Application
Submitted

2025

100% Design
Completion

2025

CT DEEP Letter of
Determination

Planned schedule,
subject to permitting process

2026

Tentative
Construction Start

2027

Tentative New
Terminal Opening



Expansion Updates

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Future
Meetings



AERIAL VIEW

PGAL.COM



Expansion Updates

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Future
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Future Meetings

CT DEEP Public Information Sessions

July

Project Overview and Introduction to
the DEEP Application Process | **East
Haven**

Q3

Protecting Grassland Bird Habitat and
Wetlands | **East Haven**

Q3

Flood Management & Hydrology | **East
Haven**

Q4

Climate & Energy Sustainability | **TBA**

Q4

Economic Development & Tourism |
TBA

Scan me for
more info!



Other Meetings

Tweed-New Haven Airport Authority
Board Meetings | **Monthly**

Environmental Stewardship
Committee Meetings | **Bi-Monthly**

CT DEEP Public Comment Period |
**Upon Receipt of Tentative
Determination**



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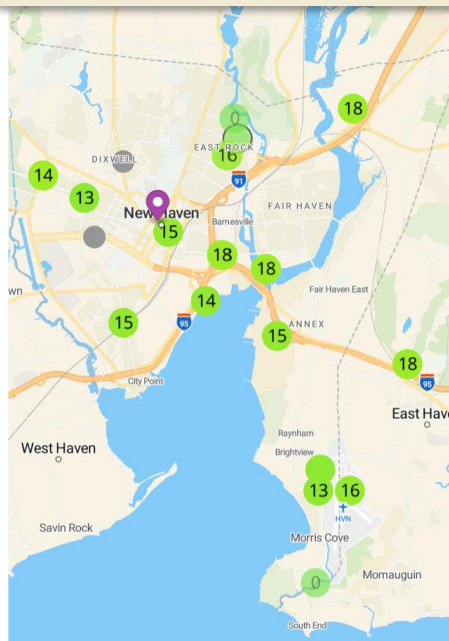


Topics: Air Quality

HVN is committed to addressing air quality concerns, and integrating green, clean technologies into our operations



City of New Haven -- Public Air Quality Monitoring



Transparency around regional air quality

City of New Haven

- Four PurpleAir monitors are deployed around HVN property, tracking real-time air quality in a nationally-integrated network of air quality monitors
- These monitors regularly measure similar to monitors placed across the City of New Haven, including Westville, East Rock and Downtown/Long Wharf
- Data is integrated into the City's Air Quality Dashboard for broader public access and transparency
- Air quality readings near the airport consistently read the same as air quality in other areas of New Haven



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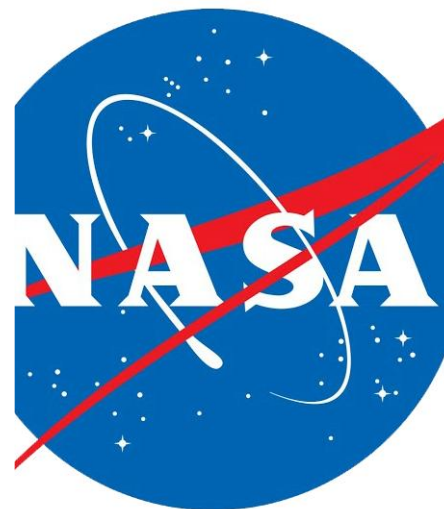
Zero-Emissions Fleet



Integrating green, clean technologies

- HVN is installing both a hydrogen fueling station and an EV charger to support a cleaner, greener airport fleet
- Adding two new hydrogen-powered vehicles, in addition to three EVs already in use
- HVN has also applied for FAA funding to add electric mowers and a zero-emissions sweeper

Powering the Future of Aviation with NASA



Powering the future of aviation and eVTOL

- HVN selected by NASA and NREL as the first FAA Part 139 commercial airport to join the “Airport as Energy Nodes (AENodes)” initiative
- Project model HVN’s future energy needs to support electric aircraft, eVTOLs, and zero-emission ground vehicles
- Explores ways HVN can share energy back to the community



Expansion Updates

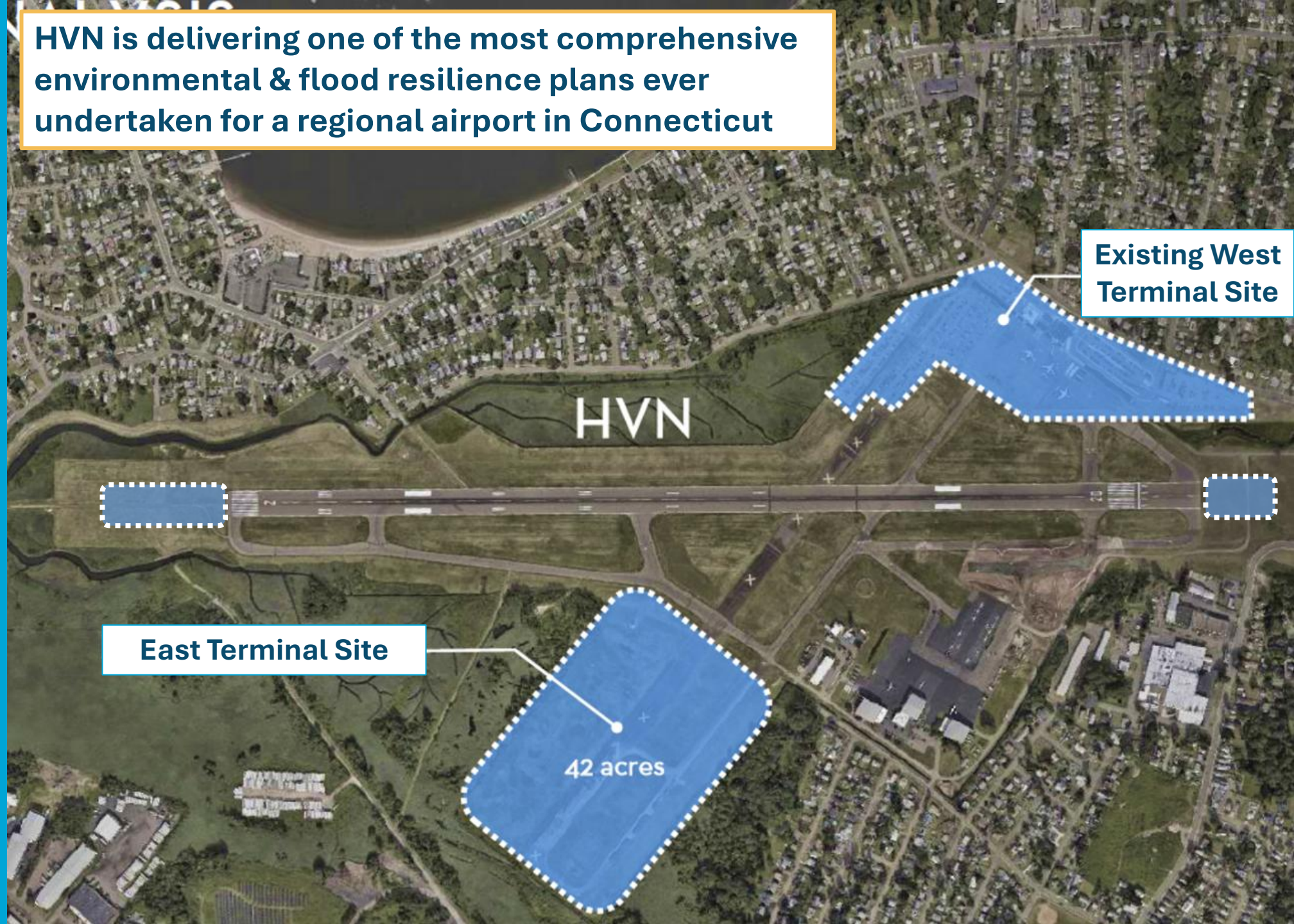
Overview

Milestones

Design

Future Meetings

HVN is delivering one of the most comprehensive environmental & flood resilience plans ever undertaken for a regional airport in Connecticut





Expansion Updates

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Future
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