



Airport Master Plan Update

Regional Advisory Committee (RAC)

Meeting #1

February 9, 2021

11:00 AM to 12:30 PM

www.ALB-Master-Plan.com





Opening Remarks

PHILIP CALDERONE, ESQ.

Chief Executive Officer

MATT CANNON

Director of Development & Government Affairs





Introductions – CHA Study Team

ERIN CROTTY

Stakeholder & Community Outreach

JEREMY MARTELLE, CM, ACE, ASC

Study Coordinator

PAUL MCDONNELL, AICP

Project Manager / Lead Planner

ANDREW BLAISDELL

Forecasting/Facility Requirements

CHARLES MORLEY, AIA, LEED AP

Terminal Architect/Planner





Regional Advisory Committee Members

Carm Basile	CDTA
Johanna Batman	Shaker Heritage Society
John Bennett	CDPHP
Mark Castiglione	CDRPC
Brendan Chudy	Global Foundries
Hon. William Clay	Albany County Legislature
Megan Daly	Port of Albany
Rev. Kenneth Doyle	Past ACAA Board Chairman
Jill Delaney	Discover Albany
Mark Eagan	Capital Region Chamber
Anthony Gaddy	Upstate NY Black Chamber of Commerce
Kirsten Gillibrand	U.S. Senator NY
Anthony Gorman	The Gorman Group
George Hearst	Times Union
Shirley Jackson	RPI
Daniel Lynch	Albany County

Sean Maguire	Town of Colonie
Ruth Mahoney	Key Bank
Aaron Mair	Sierra Club
Daniel McGraw	Operating Engineers Local 158
Kevin O'Connor	Albany County
Roger Ramsammy	HVCC
Havidan Rodriguez	University at Albany
Maureen Sager	Alliance for the Creative Economy
Ellen Sax	MVP
Shelby Schneider	Saratoga County Prosperity Partnership
Charles Schumer	U.S. Senator NY- Senate Majority Leader
Edward Swyer	Swyer Companies
Paul Tonko	20th Congressional District of New York
Michael Yevoli	Empire State Development - Capital Region
Gary Yaple	NYS Division of Military and Naval Affairs

RAC Meeting Agenda

1. Opening Remarks /Team Introductions
2. RAC Membership
3. Master Plan Overview
4. Economics of Aviation at ALB and in NY
5. Existing Facilities/ Terminal Complex
6. Future Development



What Is An Airport Master Plan?

- Follows FAA guidance and standards
- Support future aviation demand
- Guides the airport's development and modernization
- Promote customer convenience & competitive advantage
- Covers 5, 10, and 20-year horizons
- Updated every 10 years (Recommended)
- Plan & facilitate airport modernization

Last Master Plan
and ALP
completed in
1990's



Purpose of the RAC

- Provide insight on community and regional issues relevant to airport development
- Direct input on Master Plan findings/recommendations
- Your involvement will assist with ACAA's goal:
 - *A smart, efficient, safe, and sustainable airport*

***Four RAC
meetings
planned for
2021/2022***



Aviation in New York

- There are 131 public use aviation facilities in NYS.
- Economic Study from the New York State Department of Transportation (2010) with updated figures from the PANYNJ.
 - Aviation industry contributes over \$72.3 billion in annual economic activity in New York State.
 - More than 506,372 NY based jobs in aviation or aviation-related industries.
 - Generates \$25.8 billion in payroll.
 - Over \$6 billion in state and local tax revenue annually.





ALB-Regional Asset & Economic Engine

- 18 commercial service airports in NYS, ALB is ranked #6 in annual economic activity (JFK, LGA, ELM, BUF, ROC).
- ALB contributes over \$1.0 billion in annual economic activity to Capital Region.
- ALB directly and indirectly supports 9,000 Capital Regional based jobs in aviation or aviation-related industries.
- Air service and cargo
 - Seven Based Airlines with non-stop service to 16 domestic destinations
 - Six cargo carriers

COVID-19 Impacts on Air Travel

- Airline industry expects traffic to start a slow recovery in the latter part of 2021 (as more people get vaccinated).
- Possible 2-3 years for a full recovery, more likely 2023 or 2024 until we are back to 2019 levels.
- Terminal planning considerations (passenger circulation, restroom modifications, screening process, boarding process, etc.)
- What will happen to business travel in the short term? Can we effectively do business virtually?



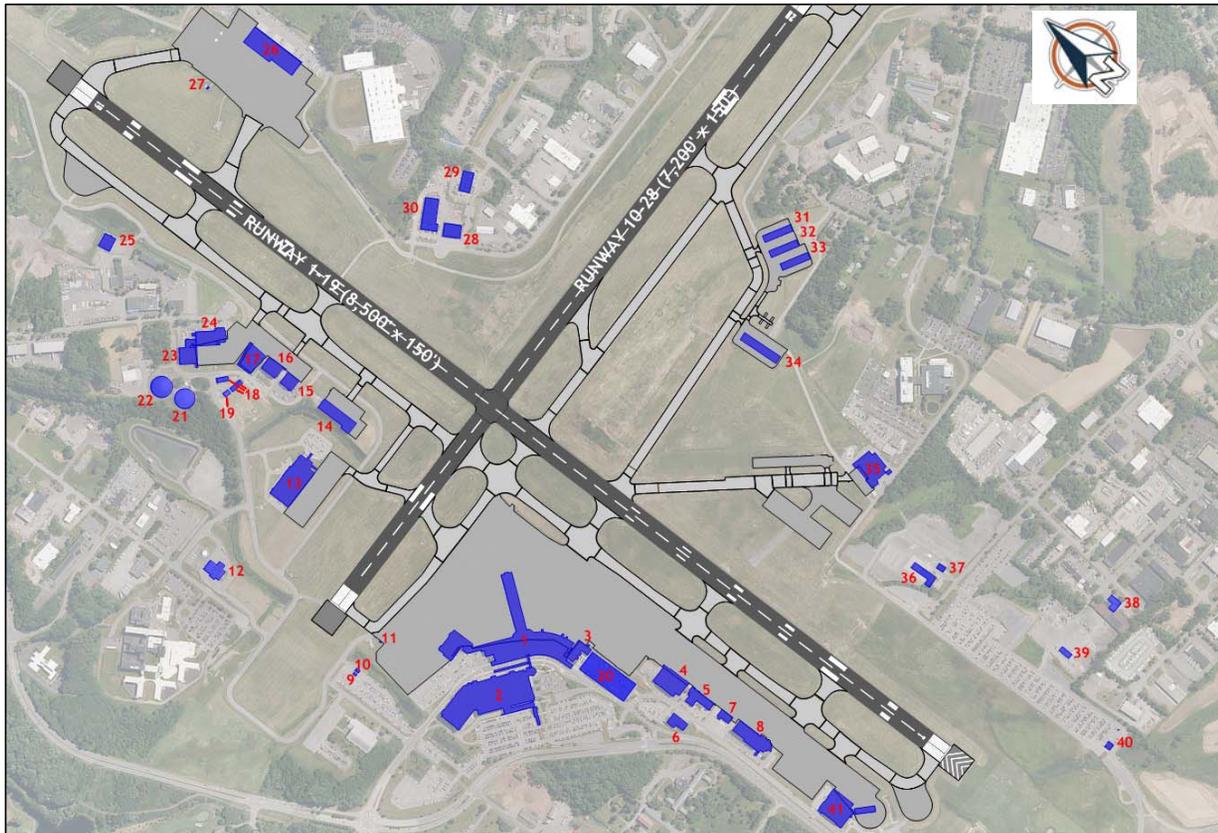
What is your impression of the Airport?

Discussion:

Needs, Pros/Cons, Shortfalls, Goals.....



Existing Footprint



- | # | Name of Existing Facility |
|----|----------------------------------|
| 1 | Main Terminal Complex |
| 2 | Passenger Parking Garage |
| 3 | ACAA Offices |
| 4 | FBO Hangar |
| 5 | ARFF Facility |
| 6 | Sand Storage Building |
| 7 | Hangar |
| 8 | FBO Offices |
| 9 | TSA Storage |
| 10 | Triturator |
| 11 | Security Checkpoint |
| 12 | Fuel Farm |
| 13 | NY Police Facility |
| 14 | Hangar |
| 15 | Hangar |
| 16 | Hangar |
| 17 | Ground Run-up Enclosure (GRE) |
| 18 | Glycol Treatment Facility |
| 19 | Storage Facility |
| 20 | Parking Garage |
| 21 | Glycol Tank |
| 22 | Glycol Tank |
| 23 | Hangar |
| 24 | Hangar |
| 25 | Sand Storage Building |
| 26 | Air Cargo Facility |
| 27 | Air Cargo Glycol Pump Station |
| 28 | Vehicle Maintenance Garage |
| 29 | Air Traffic Control Tower (ATCT) |
| 30 | Airfield Maintenance Offices |
| 31 | T-Hangar A |
| 32 | T-Hangar B |
| 33 | T Hangar C |
| 34 | T Hangar D |
| 35 | NY Army National Guard Facility |
| 36 | ACAA Garage |
| 37 | ACAA Offices |
| 38 | Rental Car Offices |
| 39 | Rental Car Storage |
| 40 | ACAA Offices |
| 41 | Hangar |

Existing Footprint

- Passenger Terminal
- Concourses A, B & C
- Two Parking Garages
- Surface Parking
 - Short-term, long-term, economy
- Curbside Passenger Area
- Airport Terminal Road





What does Albany International Airport look like in 2030?

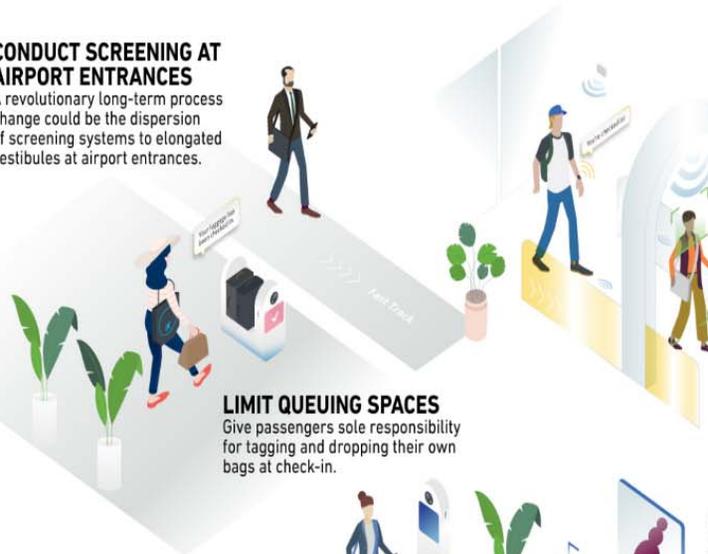


A Changing Paradigm

- New Social Behavior
- Safety + Wellness Considerations
- Adaptable Spaces
- Resilience

CONDUCT SCREENING AT AIRPORT ENTRANCES

A revolutionary long-term process change could be the dispersion of screening systems to elongated vestibules at airport entrances.



LIMIT QUEUING SPACES

Give passengers sole responsibility for tagging and dropping their own bags at check-in.



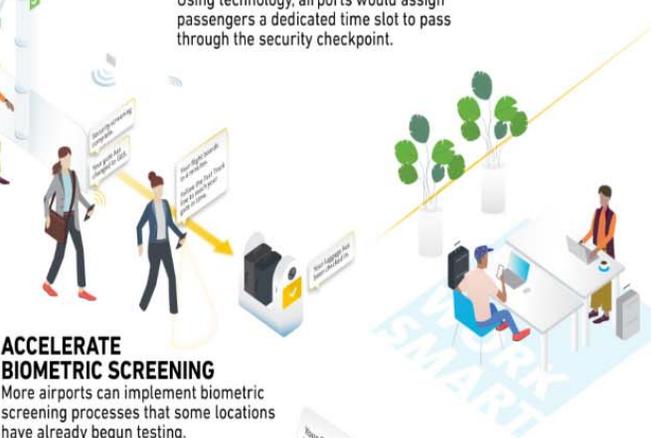
RETHINK SEATING IN BOARDING AREAS

We can look at new seating configurations that will allow for greater social distancing, and consider other flexible seating.



PRE-MAP THE PASSENGER EXPERIENCE

Using technology, airports would assign passengers a dedicated time slot to pass through the security checkpoint.



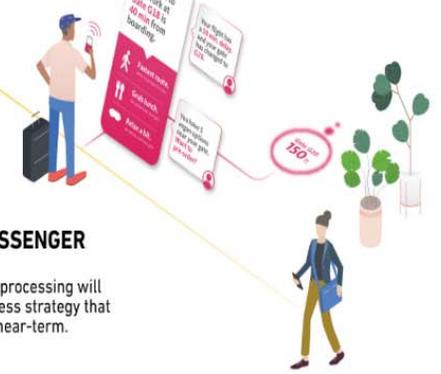
ACCELERATE BIOMETRIC SCREENING

More airports can implement biometric screening processes that some locations have already begun testing.



DECENTRALIZE PASSENGER PROCESSING

Spreading out passenger processing will be a key health and wellness strategy that airports can adopt in the near-term.



Airport Master Plan – Focus Areas

- Smart Airport of the Future
 - Connected technologies that will differentiate ALB from competition (Primarily downstate airports)
- Improved traveler experience
 - Reimagined passenger lounges and concession areas
 - Continued high tech terminal improvements
 - COVID Recovery & Long-Term Effects
- Smarter TSA security checkpoint
- Focus on future air cargo demand and facilities
 - Amazon, next day air, new drone technology
- Expanded corporate aviation facilities
- Land use planning and property development
- Improved energy efficiency and sustainability



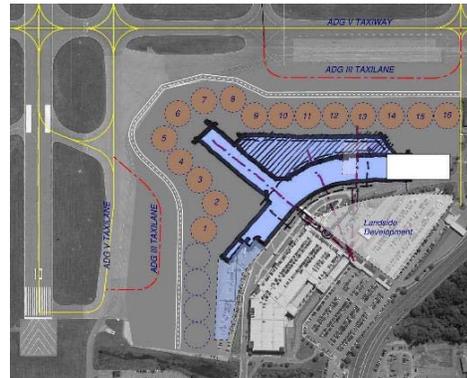


Passenger Terminal Complex

What kind of terminal will we create together?



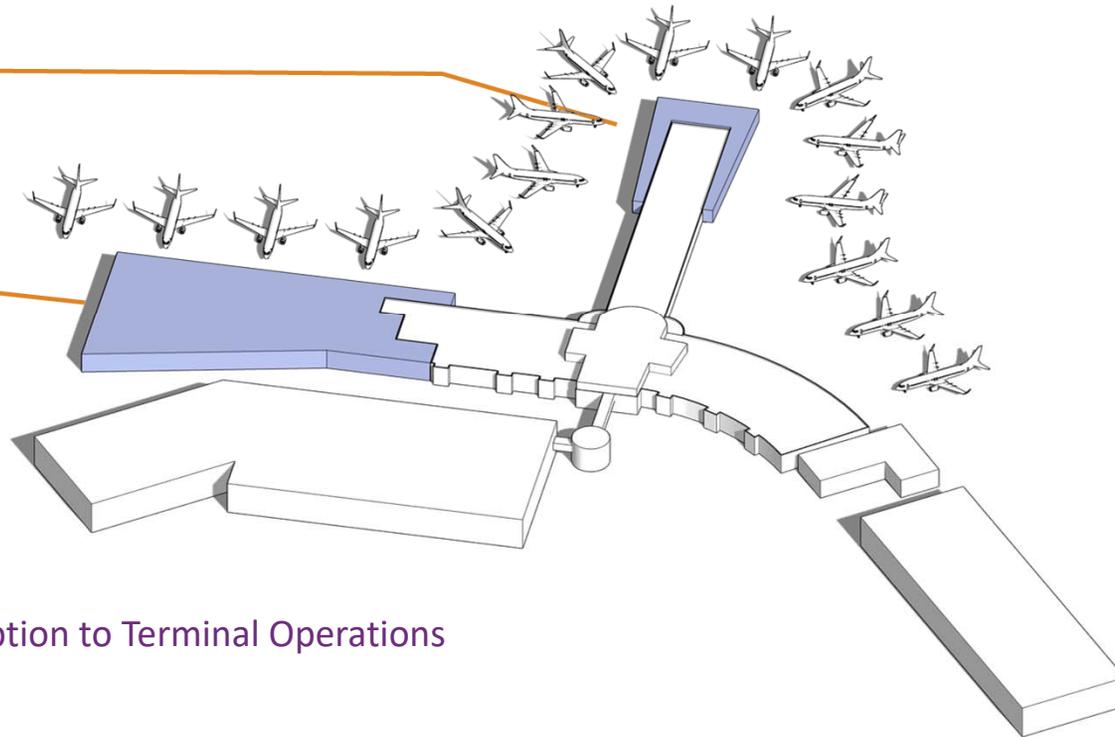
Passenger Terminal Complex- Concepts



Passenger Terminal Complex- Concepts

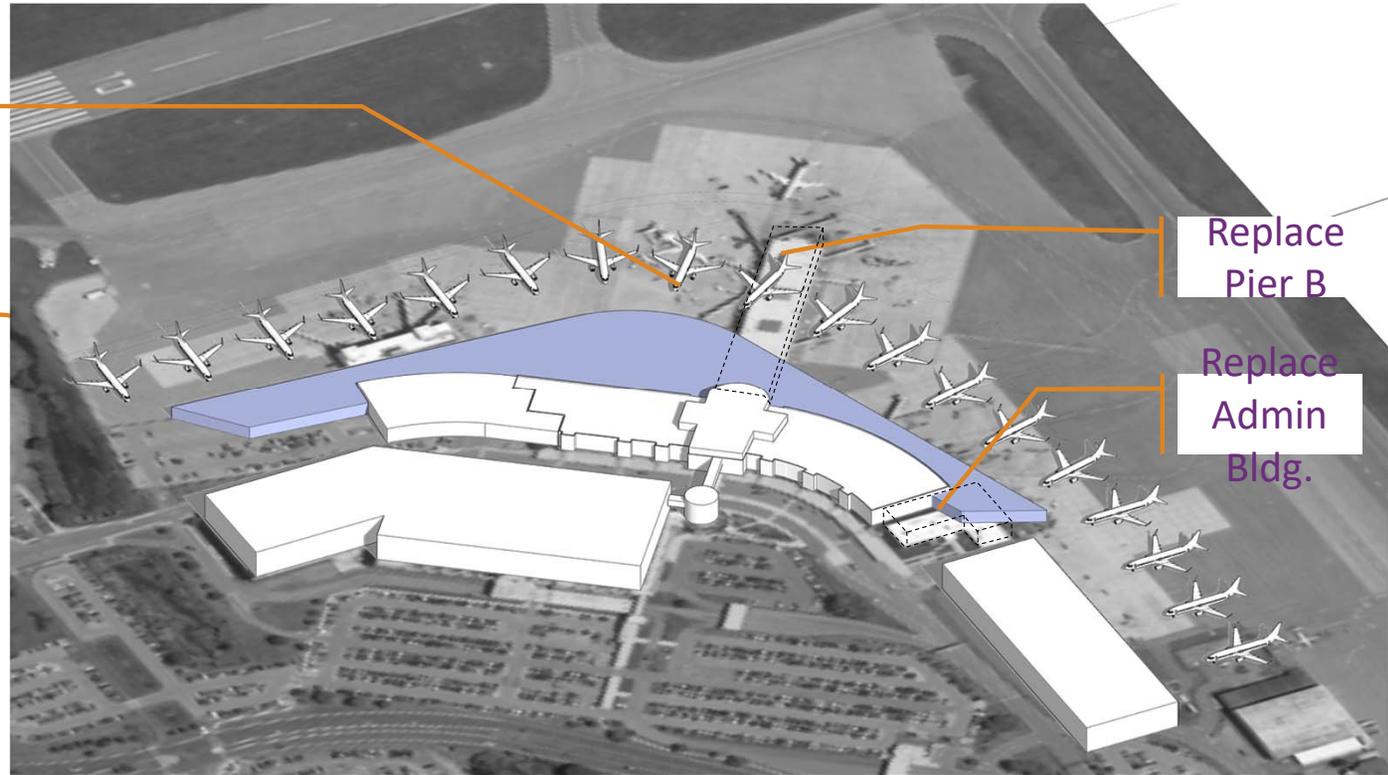
Create
Dwell
Lounge

Focus
New
Build to
West



Minimized Disruption to Terminal Operations

Passenger Terminal Complex- Concepts



Consolidated
Airside

Expand
Existing
Processor

Maximized Airfield

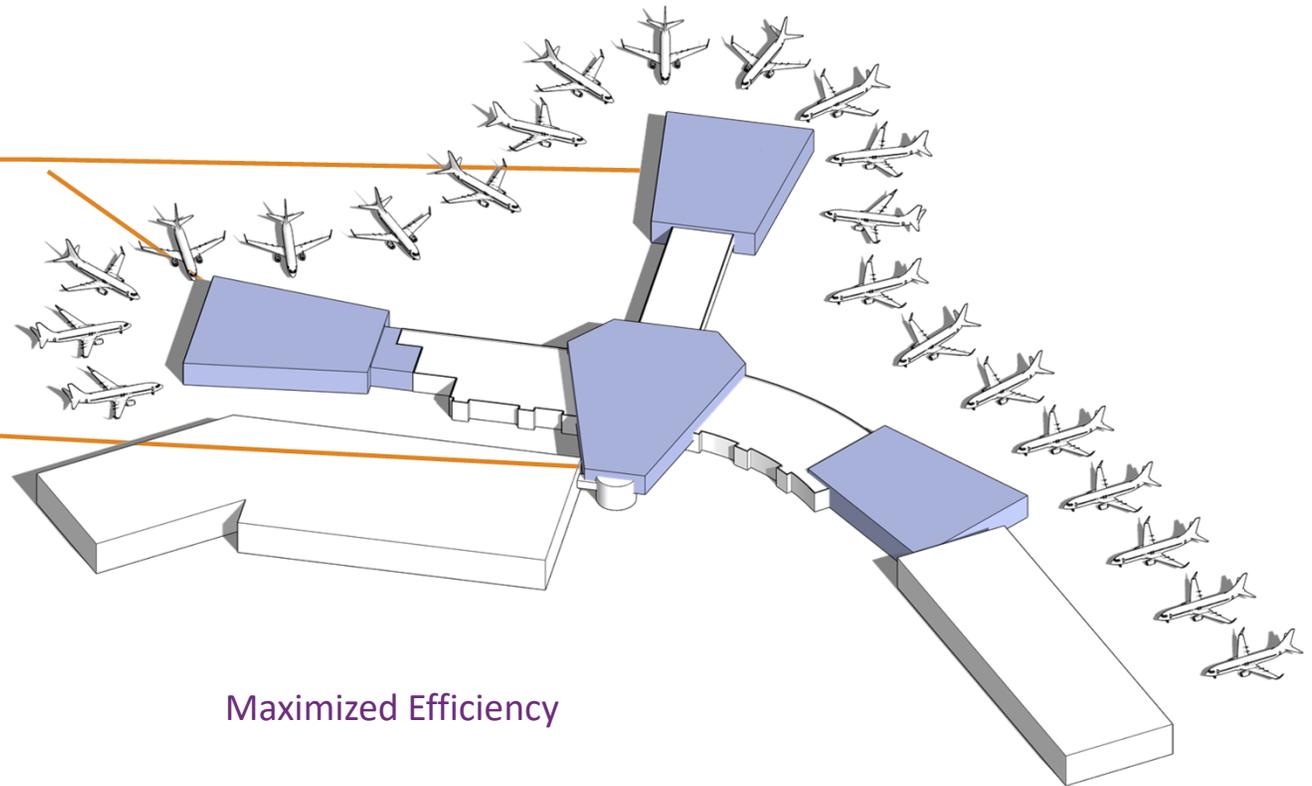
Replace
Pier B

Replace
Admin
Bldg.

Passenger Terminal Complex- Concepts

Create
Dwell
Lounges

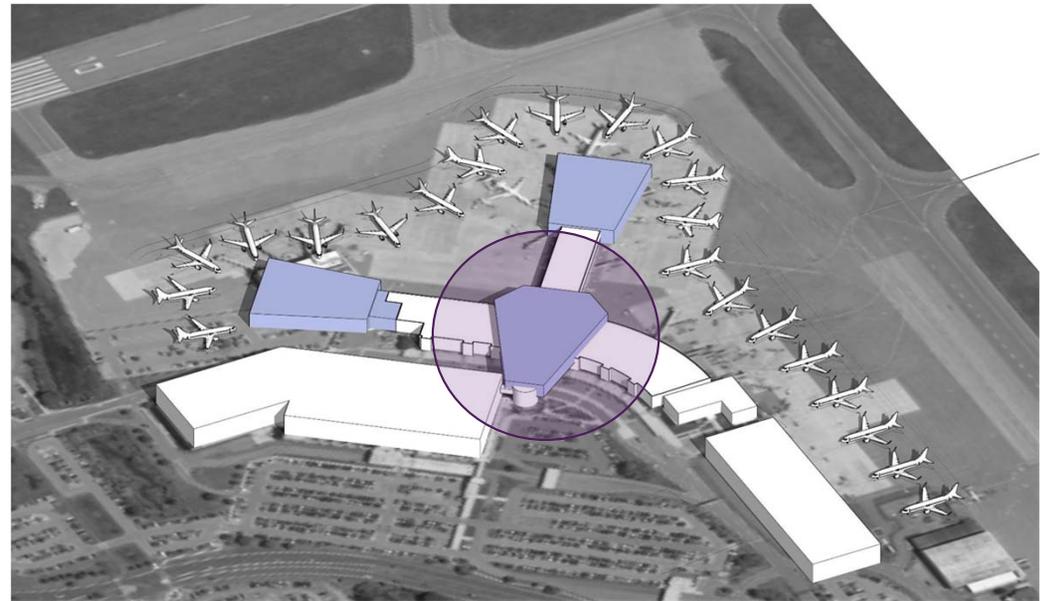
New
Security
Bridge



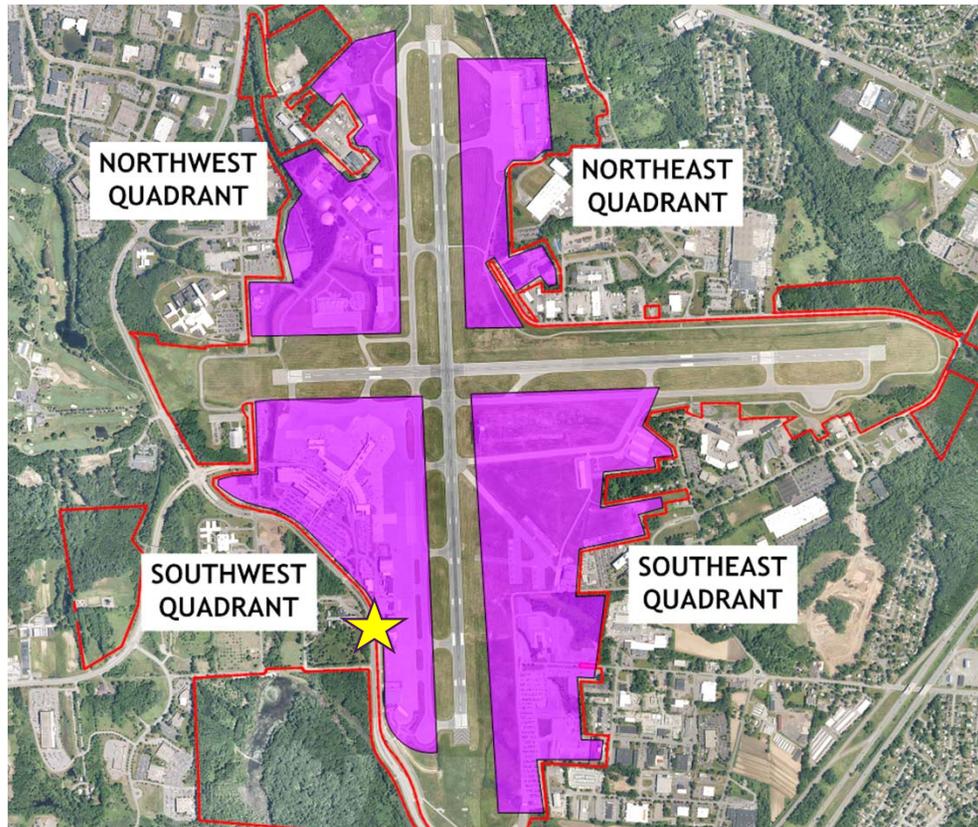
Maximized Efficiency

Upstate Competition Funding-Airports

- **Round 2: Upstate Airport Economic Development Revitalization :**
 - Additional \$100 million available
 - Building on previous \$200 million
- **Funding Designated for:**
 - Enhanced security screening
 - Terminal expansion
 - Boarding concourses
 - Concession areas
 - Contactless technology



Albany Airport Development Quadrants





Potential Developments Concepts

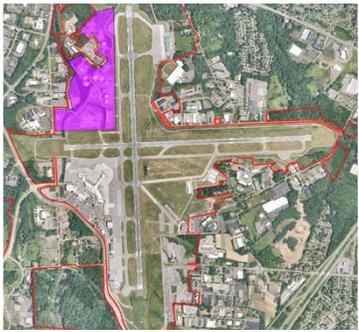
- Maintenance, repair & overhaul (MRO) airline facilities
- Corporate, general aviation & cargo facilities
- Airport business park - land use planning



Maintenance & Repair Facilities- Concept



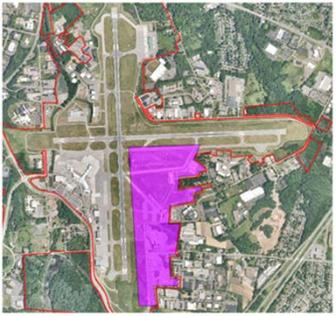
Maintenance & Repair Facilities- Concept



Corporate Aviation Development- Concept



Corporate Aviation Development-Concept



Existing



Rendering

Land Use Planning- Other Land Uses

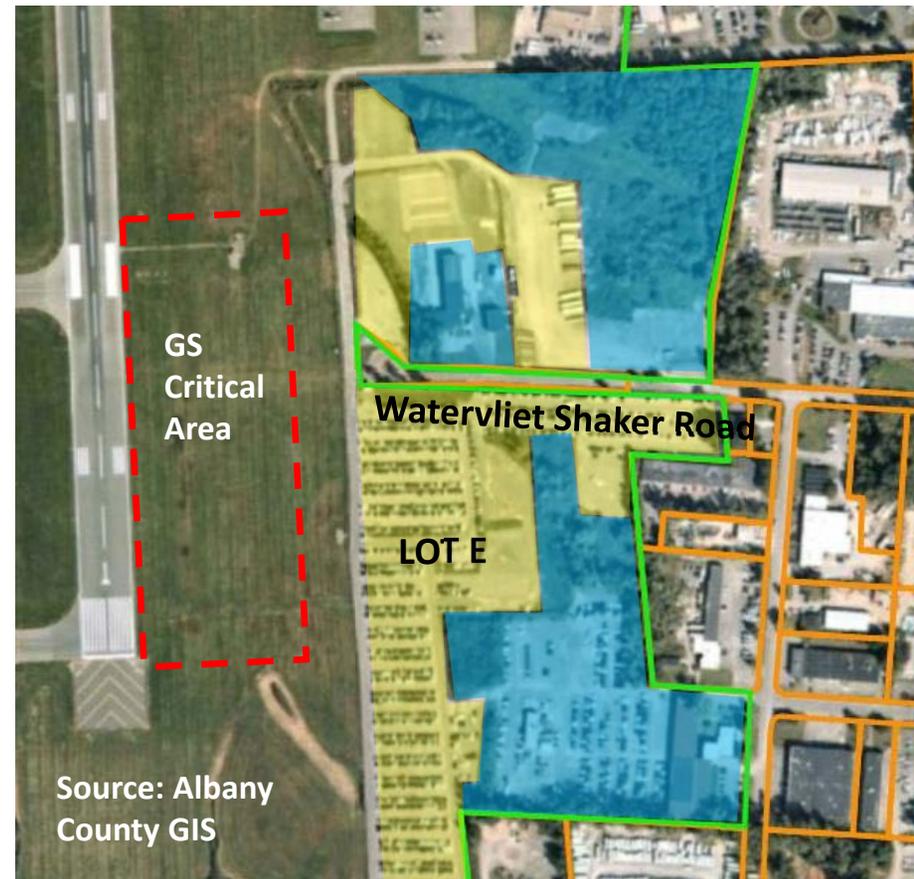
- Revenue Diversification
- Land Use Compatibility
- Mixed Airport & Non-Aeronautical Developments
- Property Acquisition



Airport Business Park- Concept

- Utilities available
- Area shown = **50 Acres**
- 0.7 miles to Northway Exit 5
- Evaluate highest & best uses
- Mixed airport & non-aeronautical

Airport Revenue Diversification



Airport Business Park- Concept

- Southeast airport quadrant
 - Somewhat under utilized
 - Runway access potential
- Property acquisition
- Maximize non-residential development
- Partner with Town of Colonie and Albany County
- Area shown = **70 Acres**





What does Albany International Airport look like
in 2030?



What's Next?

- Working Paper #1 (February/March)
 - Inventory
 - Forecast of Aviation Demand
- RAC Meeting No. 2 (June/July)
- Public Meeting No. 1 (July/August)





Thank You For Your time!

