

Burlington International Airport Airport Master Plan Update

Regional Advisory Committee Meeting # 1

September 25, 2018



AGENDA

- Project Background
 - Introductions
 - Overview of Airport Master Plan Process
 - Define Role of Regional Advisory Committee (RAC)
- Next Steps
- Get Your Input and Ideas (SWOT Exercise)



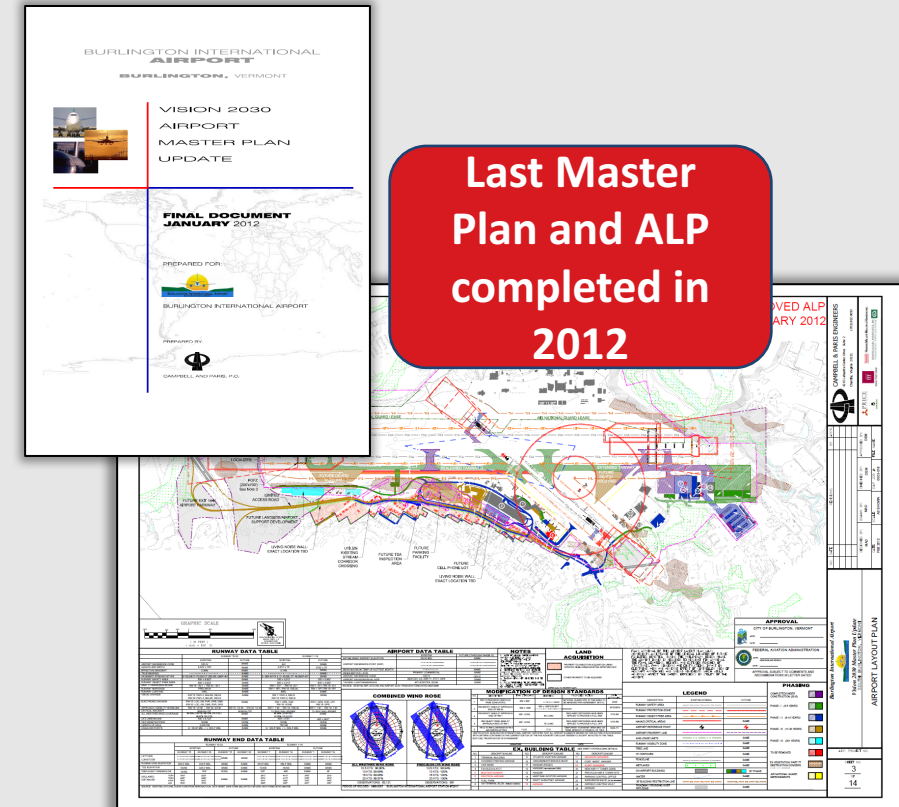
INTRODUCTIONS/BTV MASTER PLAN TEAM

- BTV / Airport Staff
- Consultant Teams
- Regional Advisory Committee Members

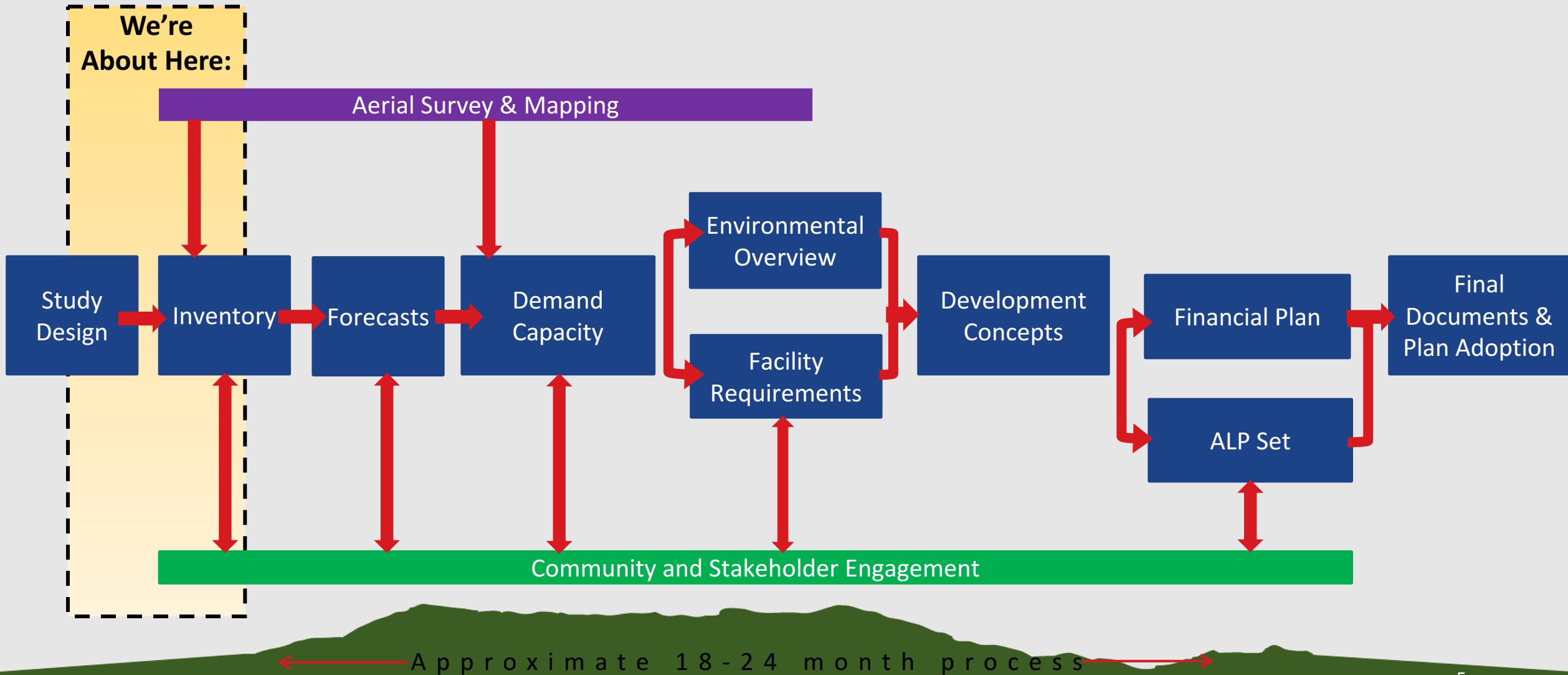


WHAT IS AN AIRPORT MASTER PLAN

- Guides the airport's development and operational sustainability
- Two Parts
 - *Master Plan Report*
 - *Airport Layout Plan (ALP) (drawing set)*
- Covers 5, 10, and 20-year horizons
- Usually updated every 10 years
- Follows FAA guidance and standards



AIRPORT MASTER PLANNING PROCESS



WHY DO AN AIRPORT MASTER PLAN

- Facilitate modernization and expansion
- Meet foreseeable aviation demand and customer needs
- Ensure that future development is:
 - Planned and logical
 - Feasible and flexible
 - Fiscally responsible
 - Environmentally compatible
 - Regionally supported
- Promote customer convenience and competitive advantage
- Allow for federal funding on eligible projects



WHY ARE YOU HERE?

- Valued stakeholders and integral to the process
- Regional Advisory Committee (RAC) meets up to three(3) times during the study
- Provide insight on airport, community and regional issues
- Provide technical input on operational and facility matters
- Review and comment on the Master Plan Update findings and recommendations
- All working towards the same goal - a safe, efficient and sustainable airport for future growth.

RAC MEMBERS

- Burlington Int'l Airport
- Burlington Leg Rep
- CCRPC
- City of Burlington
- City of South Burlington
- City of Winooski
- FAA New England
- GBIC
- Lake Champlain Chamber
- Rep. Welch Representative
- Senator Leahy Representative
- Senator Sanders Representative
- St. Michael's College
- State Legislature Representative
- State Travel
- Town of Colchester
- Town of Essex
- Town of Williston
- UVM
- VT Agency of Transportation
- Vermont National Guard
- Vermont State Chamber

Regional Advisory Meetings

RAC Meeting #1

1 – Project Initiation

- Kickoff Meeting
- Obtain input

RAC Meeting #2

2 – Investigation Part 1

- Introduction
- Inventory
- Forecast of Aviation Demand
- **Working Paper #1**
- **FAA Forecast Approval**

RAC Meeting #3

3 –Documentation

- Design Criteria
- Demand Capacity Analysis and Facility Requirements
- Airport Development Plan
- Airport Layout Plan (ALP) Review
- Phasing and Capital Improvement Plan
- **Draft Final report**



Brief History of Airport

- **1920** – Airport developers took a lease on a 72-acre cornfield to establish Burlington Municipal Airport
- **1946** – Vermont Air National Guard established
- **1969** – Name changed to Burlington International Airport
- **1970** – First jet service introduced
- **1973** – 40,000 sqf terminal building constructed
- **2000s** – Increase in growth and service led to \$24 million in renovations and expansions



KEY AIRPORT FEATURES

- Largest airport in Vermont
- Currently served by five airlines
- Covers 942 acres
- Two Active Runways
 - Runway 15-33
 - Runway 1-19
- Air National Guard
- Cargo Operations
 - FedEx
 - Wiggins Airways



NEXT STEPS

- SWOT Exercise
- Working Paper #1 – Inventory
- Continue forecasting effort
- Public Informational Workshop #1
- Complete aerial survey and mapping efforts



AIRPORT MASTER PLAN – SWOT Analysis

- Seek input to:
 - (S) Strengths – things BTV does well
 - (W) Weaknesses – resource limitations
 - (O) Opportunities – emerging need
 - (T) Threats – external forces/limitations
- Preliminary Findings
- Your preferences



PRELIMINARY FINDINGS - STRENGTHS

- Convenience
 - Minimal Ground Transportation, close to Businesses and Individuals in VT
- Partnership with VTANG
 - For ARFF, cost Savings
- Well Maintained Facility
- Economic Development/Driver
- Air Service
 - Partnership, mainline carriers, additional routes added
- Infrastructure
 - Room to Grow, improvements underway



PRELIMINARY FINDINGS - WEAKNESSES

- Flight Schedules/Destination
 - Limited, fares too high
- TSA
 - Congested
- Community Relations
- General Aviation
 - Fuel costs, aging infrastructure, collaboration with stakeholders
- Airfield
 - Terminal/TWY A too close, Noise, Traffic, Concourse too small, undeveloped real estate
- Ancillary
 - Hotel, customs, conference center, marketing, food vendors, baggage service



PRELIMINARY FINDINGS - OPPORTUNITIES

- Infrastructure
 - Physical, operational, quarry land for development, new maintenance facility
- Expanded Service
 - BOS, mainline carriers, International, Curbside check-in
- General Aviation
 - Fuel costs, fresh facilities, growth, flight training
- Community Relations
 - Marketing, Sell VT, more public transportation
- TSA Improvements
 - Consolidated
- Access Road Improvements



PRELIMINARY FINDINGS - THREATS

- Plattsburgh
- Loss of tenants
- Terminal Congestion
 - Parking too close to building, no room in from of ticket counters, not enough waiting room
- TSA Congestion
 - Inefficient space, not processing enough passengers
- Community Relations/Regionalization
 - Lack of local support



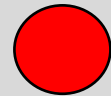
Airport Master Plan

Place
stickers
here

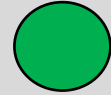


Strengths

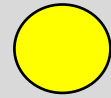
Weaknesses



1st Priority



2nd Priority



3rd Priority



4th Priority

Airport Master Plan

Place
stickers
here



Opportunities

- _____
- _____
- _____
- _____
- _____

Threats

- _____
- _____
- _____
- _____

-  1st Priority
-  2nd Priority
-  3rd Priority
-  4th Priority

SWOT EXERCISE

