



Vermont State Airport System Plan | Vermont Aviation Advisory Council

November 10, 2016



Developed By
McFarland Johnson

Agenda

- **Team Introduction**
- **SASP Uses and Benefits**
- **VTrans Goals and Objectives**
- **System Plan Elements**
- **Project Approach**

Project Team



VTrans Staff

- Guy Rouelle - Aviation Program Manager
- Larry Lackey - VTrans Project Manager
- Scott Bascom – State Planning Manager

Consultant Team

- Michael Churchill – Program Manager, Engineering/Cost Estimates
- Rick Lucas – Project Manager
- Scott LeCount - Lead Planner
- Subconsultants
 - Randal Wiedemann - Economic Impact Study
 - Michael Webber (Webber Air Cargo) – Air Cargo Analysis

SASP Uses and Benefits

- Defines the System of Airports
- Identifies Baseline Performance
- Informs Capital Planning/Programming
- Develops Guidance and Policy
- Creates Tools and Resources for Airport System



VTrans Goals and Objectives



- **Guidance/Road Map for VTrans**
- **Revalue System Investments Since Previous Plan**
 - **Activity and Infrastructure Changes at Variety of VT Airports**
- **Identify System Level Issues Affecting Airports**
- **Resources for Local and State Political Leaders**

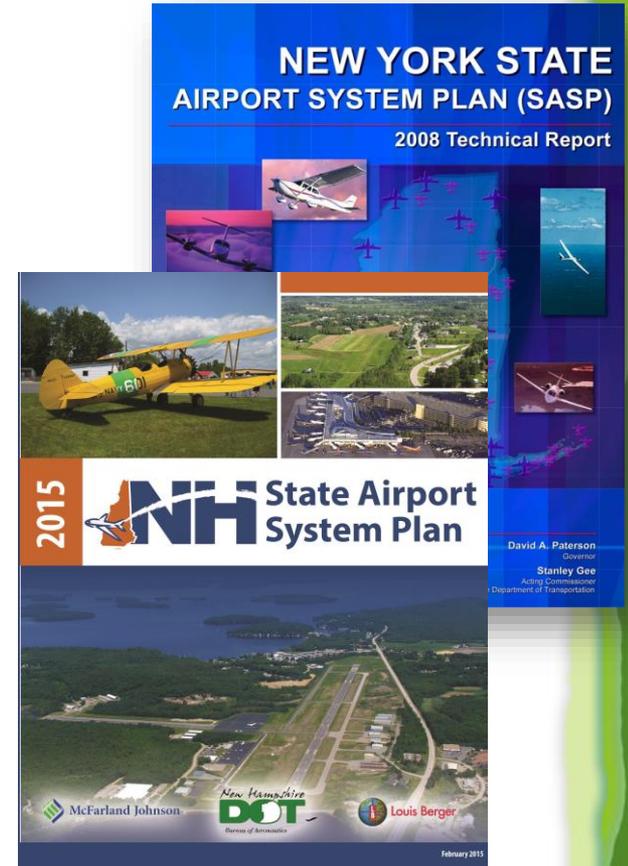
SYSTEM PLAN

ELEMENTS



Project Elements

- Facility and Service Objectives
- Inventory/Data Collection and Forecast
- Existing/Future System Performance
- Develop Capital Needs and Funding Plan
- Economic Benefits Study
- Policy Guidance and Recommendations
- Resources:
 - FAA AC 150/5050-7: The Airport System Planning Process
 - Team Experience: VT, NY, NH, DE, AR, TX



Facility and Service Objectives

- Establish System Goals
- Facility Targets by Role
 - Airside
 - Runways/Taxiways/Approaches
 - Landside
 - Hangars/Fuel/Services



- **Comprehensive Inventory Process**
 - Site Visits/Interviews
 - User/Activity Survey
 - Identify/Quantify Activity Types & Characteristics
 - Economic Data - Businesses & Jobs
 - Address/Reconcile Based Aircraft Counts
- **Creates Baseline Data for System Plan Analysis**



- Utilize General Aviation Industry & Regional Metrics
- Focus on Trend Analysis, Bottom-Up Approach
- FAA ASSET, TAF & NERASP/NERASP-GA Data Used as Appropriate
- Identify Seasonality in Based Aircraft Numbers, Impacts on the System
- Air Cargo Feeder Demand Dynamics



System Performance

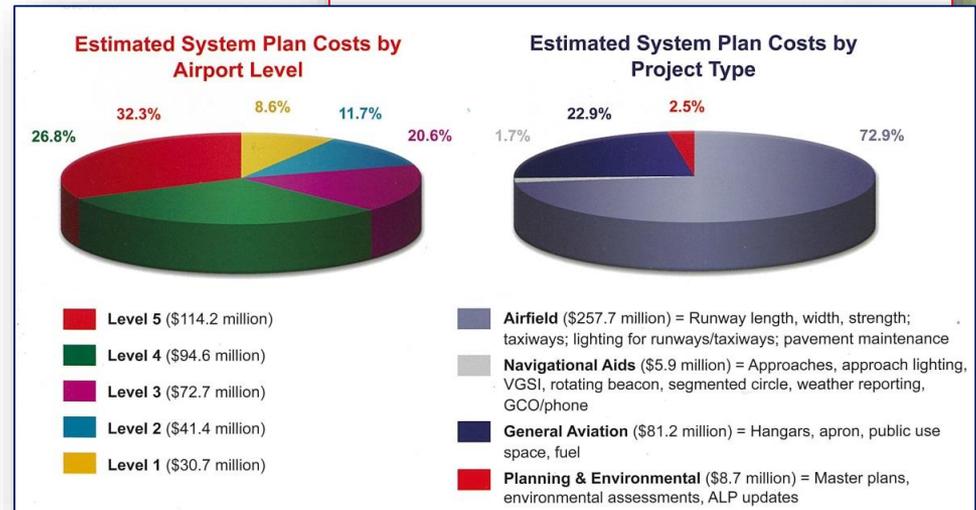
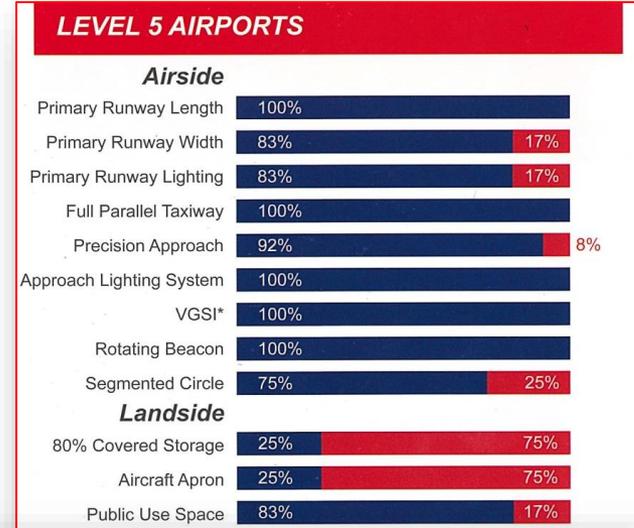
Inventory Measured Against Objectives

- Population
- Geography
- Top Employers

Existing/Future

System Report Cards

- Airside/Landside
- Funding/Planning Resources



Recommendations and Policy



- **FAA Standards and Compliance**
 - Safety Areas, RPZ, Through-the-Fence
- **Financial Strategy**
- **Environmental Policies (NEPA, Wildlife, etc.)**
- **Operations (Emergency Plans, Safety/Security)**
- **Commercial Service (Passengers, Cargo, Charters)**

Economic Benefits Assessment



- **Targets Both Legislative and Local Marketing Audiences**
- **Jobs, Payroll and Taxes**
- **Refresh Data from Previous System-Wide Business Plan**

Advisory Group Process

- Meeting #1 Existing System, Roles and Facility Objectives
- Meeting #2 System Performance and Forecast
- Meeting #3 Future System Performance and Recommendations
- Meeting #4 Economic Impacts and Recommend Policy

Next Steps

- **Establish Facility and Service Objectives** **Nov 2016**
- **Identify Airport Roles Within the System** **Dec 2016**
- **Airport Facilities Inventory** **Dec 2016**
- **Current System Performance Analysis** **Jan-Mar 2017**
- **Phase II** **Efforts June 2017-May 2018**
 - **Future Performance**
 - **Recommendations**
 - **Economic Benefits Assessment**
 - **Final Report Deliverables**

Questions?



Project Contacts

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