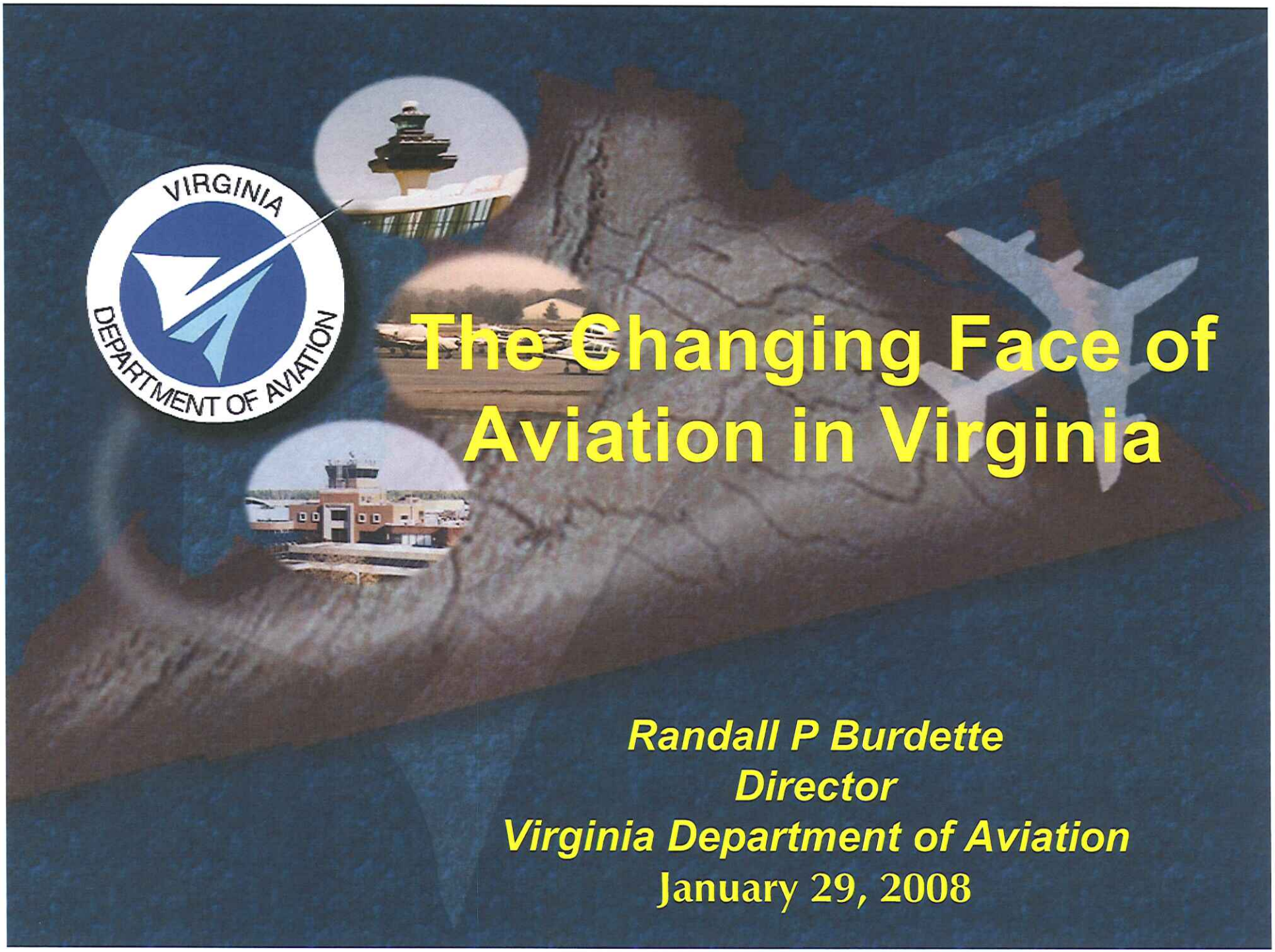


The Changing Face of Aviation in Virginia

Randall P Burdette
Director
Virginia Department of Aviation
January 29, 2008

VISION

We will be the standard of excellence amongst state aviation agencies.

We will make the Virginia Aviation System the model air transportation system, providing Virginia communities economic development opportunities and convenient access to the National air transportation system.

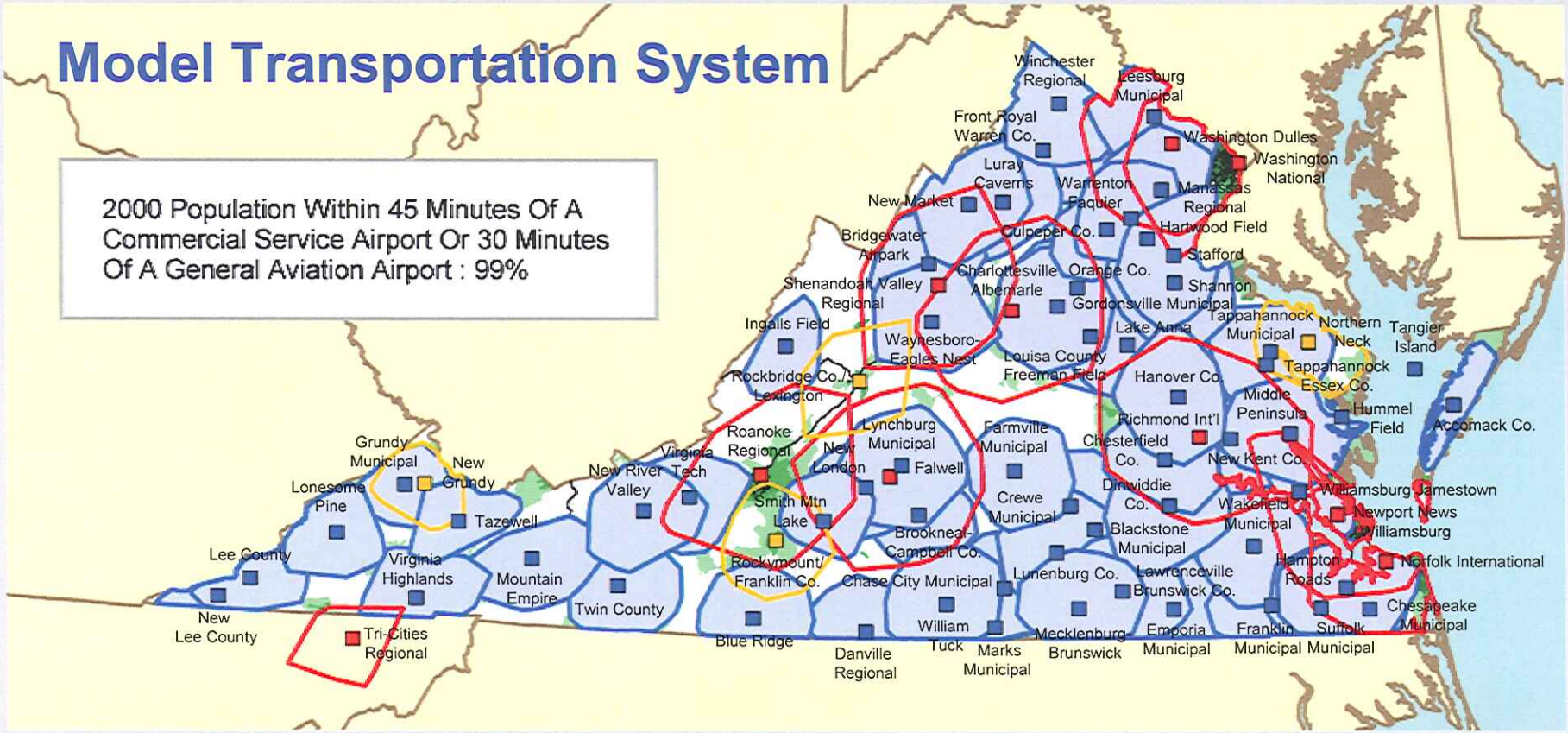
VIRGINIA AIR TRANSPORTATION SYSTEM PLAN

ALTERNATIVE 2 - EXPANDED SYSTEM

Alt - Exhibit 10

Model Transportation System

2000 Population Within 45 Minutes Of A Commercial Service Airport Or 30 Minutes Of A General Aviation Airport : 99%



DRAFT

45 Minute Commercial Service Travel Time
30 Minute General Aviation Travel Time
30 Minute Proposed General Aviation Travel Time

Commercial Service Airport
General Aviation Airport
Proposed General Aviation Airport

50 0 50 Miles

2000 Population Per Square Mile
0 - 50
51 - 150
151 - 1,500
1,501 - 3,000
3,001 - 64,000

N

Source: HNTB Analysis

Provides for Economic Development

- $10.8 Billion in Economic Activity for 2004
- $4.8 Billion in Wages
- 164,091 Jobs for Virginia
- Every State $1 spent generates $2.93 in economic activity
- Every State $1 spent generates $5.50 in economic activity with Federal Matching
- Every Federal $1 spent returns $11 into the Federal Economy according to Transportation Secretary Mineta

VIRGINIA DEPARTMENT OF AVIATION

Changes & Opportunities

- FAA Operations Forecast
  - 2X by 2015
  - 3X by 2025
- Air Carrier Capacity
  - 58 Million Passengers in 2006
  - Potential Reliever Role Change
- Point to Point
  - Air Charter
  - Air Taxi
  - Scheduling Software

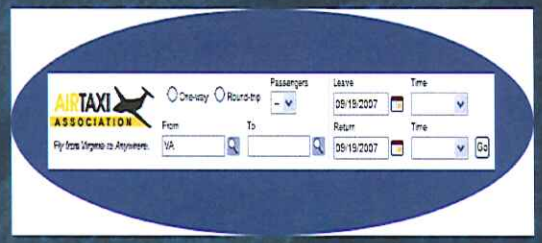
VIRGINIA DEPARTMENT OF AVIATION

VIRGINIA SATSLab

Proving Ground for Aviation System Technology

TRAVELERS

AIRTAXI™ ASSOCIATION

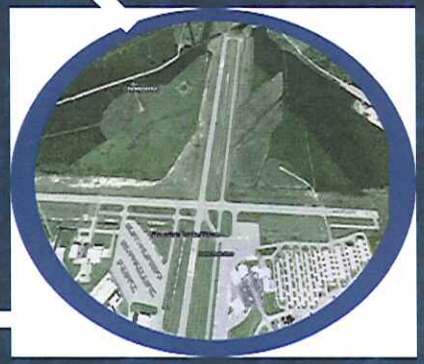


New
RESERVATION
System

AIR TAXI

&

AIR CHARTER



ALL AIRPORTS

VIRGINIA DEPARTMENT OF AVIATION

MISSION

DOAV will;

Cultivate an advanced aviation system that is safe, secure and provides for economic development;

Promote aviation awareness and education; and

Provide flight services for the Commonwealth Leadership and State Agencies

Cultivate an advanced aviation system that is safe, secure and provides for economic development;

- Advanced Aviation System – F&E Study
- Safety – Working with Eastern Region FAA on regional analysis
- Virginia Aviation Security Advisory Committee
- Economic Development Study

Promote aviation awareness & education

- Work Force Development
  - Technology Identification
  - Aviation and Aerospace Professional Needs
    - *Pilots*
    - *Engineers*
    - *Mechanics*
    - *Technicians*
  - Match with Education System

- New Teaming Relationship with the Civil Air Patrol
  - Education
  - Emergency Response

VIRGINIA SATSLab
Proving Ground for Aviation System Technology

VIRGINIA DEPARTMENT OF AVIATION

UNITED STATES AIR FORCE AUXILIARY CIVIL AIR PATROL

Provide flight services for the Commonwealth Leadership and State Agencies

- 35 Economic Development Flights since Jan 06
- IS-BAO Certification
- DOAV Aircraft
  - Two 2007 King Air 350s
    - *11 Passenger*
    - *315 Knots*
    - *1500 Statute Mile Range*
    - *Short Field Capability about 3300 ft*
- FW & Helicopter Charter and Air Taxi

Department of Aviation Budget 2008

Capital Improvement Program — $21 Million

Funded by Aviation Fuel tax - 2.4% of the Transportation Trust Fund

Runways
Aprons
Terminals
Airside Improvements

Aviation Special Fund — $10 Million

Funded by Aviation Fuel Tax, Aircraft Sales and Use Tax

Airport Promotion
Airport Maintenance
GA Airport Security
Air Service Development
Facilities & Equipment
Small Aircraft Transportation System (SATS)
Aircraft Operations
Aircraft and Airport License
Administration

CIP can leverage over $200 Million in Federal Grants

Changes & Opportunities

- Aerospace
- NASA - Wallops Island
- Mid Atlantic Regional Spaceport (MARS)
- Possible New Virginia Economic Triangle;
  - Virginia Port Authority — Sea
  - Dulles Airport — Air
  - Wallops Island & MARS — Space

Virginia Department of Aviation

In many cases, our airports are the first and

last impression of Virginia

Let's make that impression count!