

National Plan of Integrated Airport Systems (NPIAS)

Planning and Environmental Division
March 2007



Federal Aviation
Administration



What is the NPIAS?

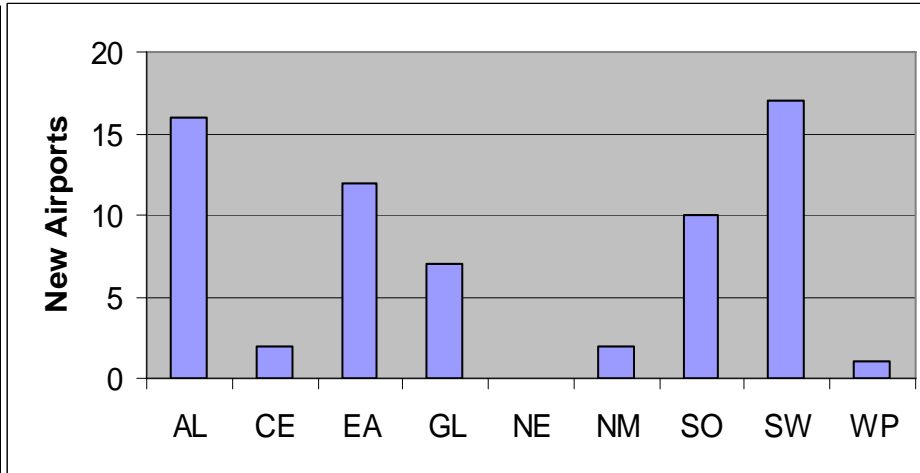
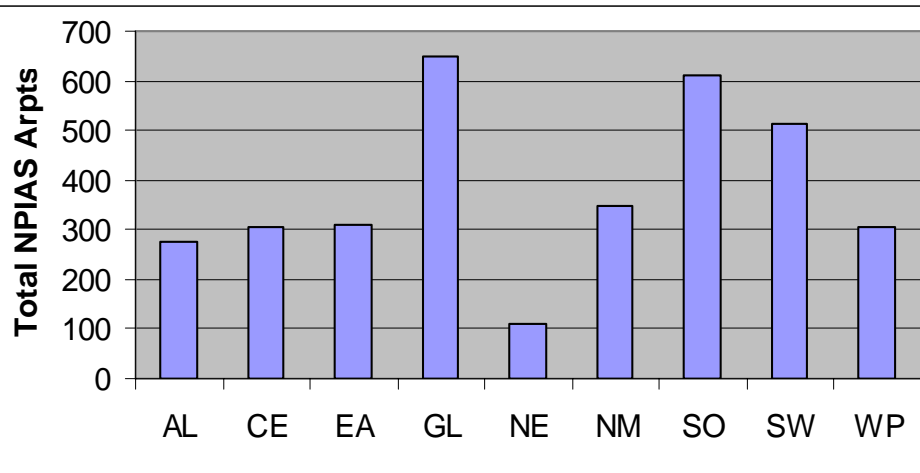
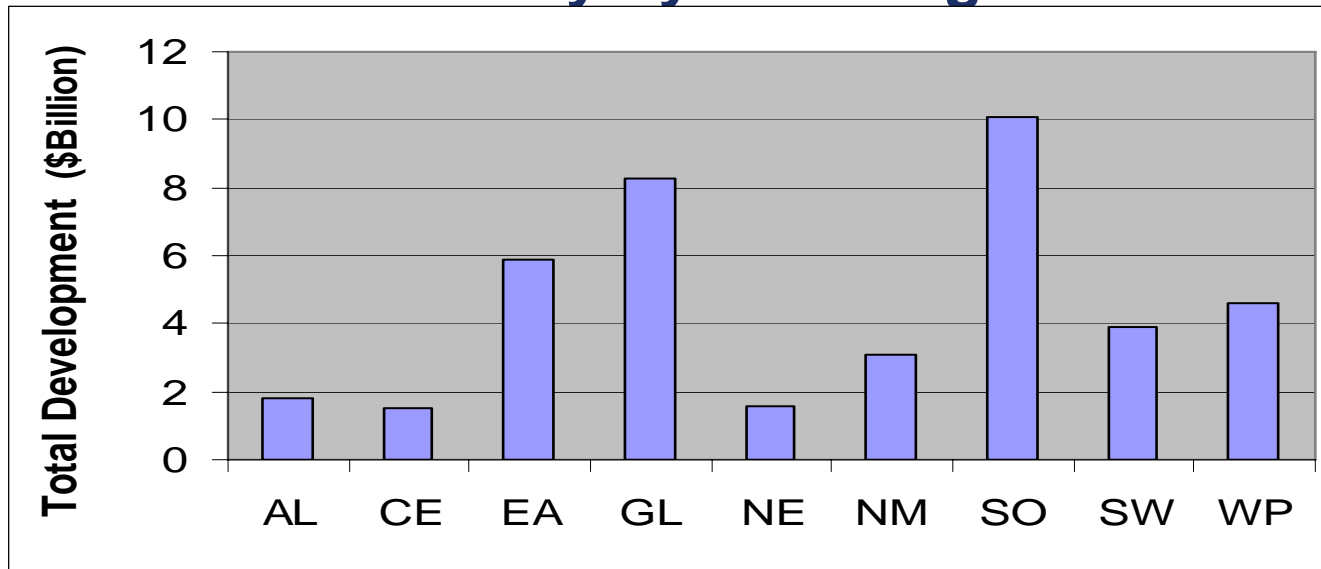
- Provides Congress, Industry, & Public with:
 - Condition and Performance of Airport System
 - Identifies Significant Airports & Their Roles
 - Type & Cost of Development for 5 year period
- Issued every 2 years
- Latest NPIAS (2007-2011) issued Sept. 29, 2006

http://www.faa.gov/airports_airtraffic/airports/planning_capacity/npias/



NPIAS Report (2007-2011)

Summary by FAA Region



Why is it Important?

- **Condition & Performance Report for Airport System**
 - **Highlights Trends**
 - **Report on 6 Key Factors** (capacity, safety, environment, pavement condition, surface accessibility, and financial performance)
- **Defines airport system and airport roles to Congress and public**
- **Utilized by Congress in discussion of total airport development needs** (impacts AIP & PFC levels)
- **Needs identified in the NPIAS are used to develop Capital Improvement Plans (CIPs)**



How is the NPIAS developed?

NPIAS ORDER (5090.3C)

- Criteria for airport entry into NPIAS (pages 12-15)
- List of fundamental airport development (pg 22)
- Planning thresholds for future development (pg 24)
- Source of criterion on planning need based on 500 annual operations (or scheduled service) by critical aircraft (pg 21)
- Update of Order will begin in CY 2007



What are NPIAS development needs?

- **Airport Improvement Program (AIP)**
 - eligible, feasible, and warranted development,
 - without secured funding,
 - grouped into near-term, mid-term, and long-term
- **Needs are constrained by project eligibility, feasibility, and justification, not by whether it will be funded**
- Is not a Capital Improvement Plan



How is a Project defined?

- **Includes all necessary components & tasks to provide required functional utility, satisfying the Overall Development Objective (ODO)**
- **One ODO for single or multi-phase project**
- **Runway extension (ODO) could include:**
 - Environmental Assessment
 - Land Acquisition
 - Project Design
 - Relocating NAVAIDS
 - Parallel Taxiway
 - Hold Apron
 - Construction of Extension
 - Lighting, Marking, Signage, etc



Development Needs Examples

- **Runways, Taxiways, Aprons**
 - Lighting, Marking,
 - Rehabilitation
 - Extension
- **Terminals**
 - Rehabilitation, Expansion, New
- **Noise Mitigation**
- **ARFF Equipment, SRE**
- **Roadways**
 - Access, Service
- **Other**
 - Safety Areas, RPZ's, etc



Development Timeframes

- **Development is entered in NPIAS database for timeframe it is needed by system to meet demand not when you expect to fund it**
- **Near Term (Through 2013)**
 - Most critical time horizon
 - 2007 and 2008 will be in place for next report
 - 2009 through 2013 will be next Report to Congress
- **Mid Term (FY 2014 – 2018)**
 - What hasn't been done in many years and is needed to replace or upgrade or to satisfy forecast demand
- **Long-Term (Beyond 2018)**
 - Major capacity Items – New Runways, Major extensions to support forecast demand



NPIAS Update Schedule

- **Spring/Summer 2007** – ADOs work with airports/states to identify development needs and update planning level costs
- **By September 30, 2007** – ADOs complete update into SOAR
- **October through December 2007** – Regional/National Quality Control
- **December 2007** – Data Snapshot
- **January – June 2008** – Data Analysis & Write Report
- **July – September** – FAA Coordination with OST and OMB
- **Sept. 30, 2008** – Secretary of Transportation Issues Report to Congress



NPIAS Airports

Thank you!

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