ArcGIS for Aviation
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What is ArcGIS for Aviation?

- Aviation application areas have unique GIS requirements
  - Data
  - Products
  - Quality Standards
- Tailored Capabilities for Specific Application Areas
  - Airports
  - Charting
- Focus on Automation
ArcGIS for Aviation: Airports

• Focused GIS Capabilities for the Challenges Airports Face

• Automated Approach to:
  - Data Management
  - Data Quality
    - FAA AC 18B
    - AMDB
    - eTOD
  - Obstruction Management
    - FAA AC 18B
    - FAA Part 77
    - ICAO Annex 14
    - ICAO Annex 15

• Provides a Configurable and Extensible baseline
ArcGIS for Aviation: Charting

- Automated GIS based Aeronautical Chart Production system
- Automated Approach to:
  - Data Management
    - Data Exchange Tools
    - Aviation Specific Editing
  - Product Management
    - Document Management
    - Product Configuration
  - Cartographic Production
    - Change Detection
    - Database Driven Cartography
- Provides a Configurable and Extensible Production system
Demonstration

Thank you to the Japanese Civil Aviation Bureau
Currently in Development

- OIS Vertical Profile
- Dynamic OIS Analysis
- Improved Data Exchange tools
- Production Automation Scripting

- Esri Showcase – Mapping and Visualization Island
Thank you…

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