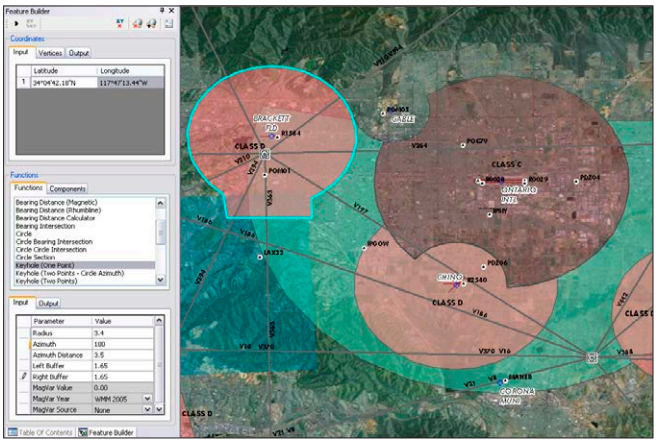
ArcGIS® for Aviation: Charting

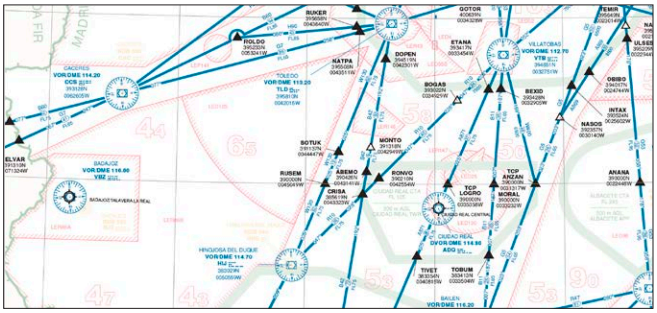
Increase Aeronautical Data and Chart Production Efficiency

ArcGIS® for Aviation: Charting provides a true database-driven system to manage aeronautical data and rapidly produce high-quality charts that adhere to industry- and organization-specific requirements. Civil and military agencies, commercial airlines, and chart producers can create, maintain, and use standard aeronautical products based on the latest digital data.

Key Benefits

- Significantly increase your aeronautical chart production efficiency by managing and generating aeronautical charts from a centralized, database-driven system
- Produce charts to custom specifications using automated software tools, preconfigured aviation symbology, and International Civil Aviation Organization (ICAO)-compliant product templates
- Drastically cut import times with the new architecture for the Aeronautical Information Exchange Model (AIXM) data exchange
- Improve data quality with product-level change detection and on-the-fly, rule-based validation tools





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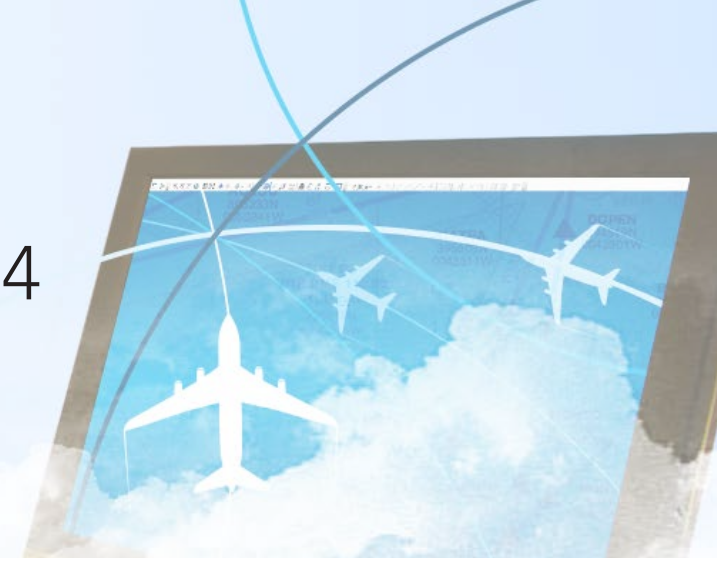


FAA 150/5300-13A

AMDB

AIXM

ICAO Annex 14

OGC

ICAO Annex 15

eTOD

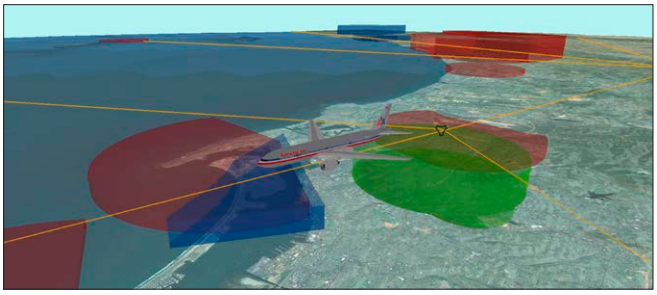
ADQ

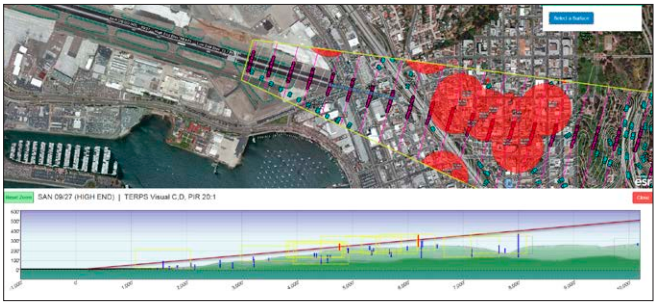
FAA 150/5300-18B

Key Features

ArcGIS for Aviation: Charting provides tools to meet the unique challenges of working with aeronautical data.

- Edit data once; the database-driven system updates all related chart products automatically
- Automate production processes using Python capabilities, reducing frequent cartographic workflows to a single button click
- Verify data compliance for aviation standards: FAA, ICAO, AIXM, eTOD, and AMDB through rule-based data validation tools
- Take advantage of complete support for ICAO Annex 4 chart specifications including Aerodrome Obstacle Chart Type A
- Use integrated workflow tools to develop structured and repeatable GIS and non-GIS workflows, control processes, track progress, and maintain edit histories





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