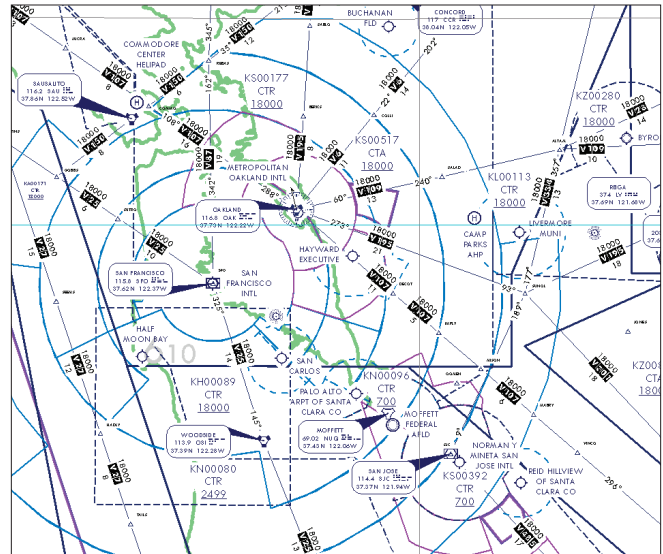# Esri® Aeronautical Solution

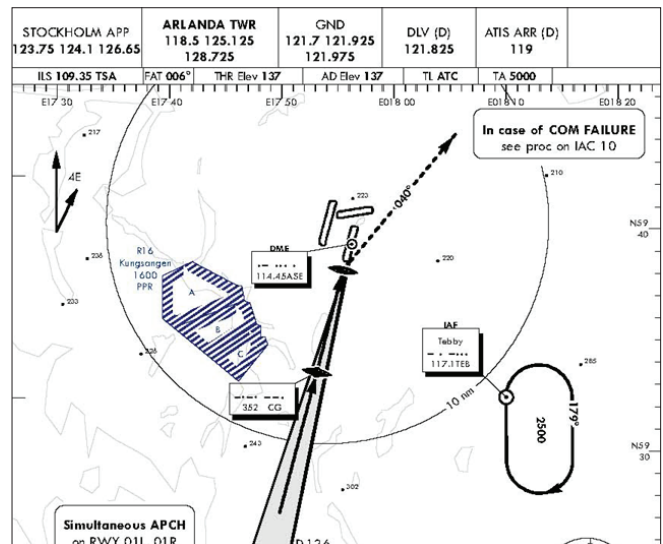## Use the Full Power of GIS to Efficiently Manage Aeronautical Information

Esri® Aeronautical Solution provides a true geographic information system (GIS)-based platform to manage aeronautical data and rapidly produce high-quality charts that adhere to industry- and organization-specific requirements. Civil and military agencies, commercial airlines, airports, and chart producers can create, maintain, and use standard airport and aeronautical products based on the latest digital data.

Key Benefits

- Significantly reduce chart production time by managing data and generating aeronautical charts from a central database.

- Produce charts to your cartographic specifications from the database, including International Civil Aviation Organization (ICAO)-compliant charts.

- Add value for customers by supporting custom requests.

- Share data within the aeronautical community using the Aeronautical Information Exchange Model (AIXM).

- Enhance data quality through direct loading of digital changes and automated change verification workflow management.

Efficiently produce and maintain database-driven enroute charts.

Utilize invaluable, specialized cartographic tools, such as the Graphic Table Element, in producing your chart products.
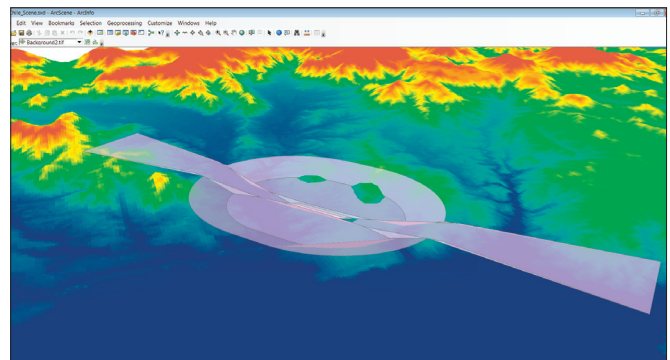
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Key Features

Esri Aeronautical Solution includes data management tools, database models, cartographic functionality, and workflow management components that enable you to do the following:

- Edit data once and have all the charts using that data update automatically

- Streamline data editing operations with aeronautical product-specific tools and a robust, map-based workspace for visual editing

- Create, maintain, and update aeronautical charts with database-driven cartography that includes symbology, labels, and map surround elements

- Perform quality control and data review via logical and spatial checks, statistical sampling, and batch rule-based checks

- Use or customize the included samples and templates to create your production specifications or styles quickly

- Manage both GIS and non-GIS enterprise workflows

- Provide support for AIXM and Electronic Terrain and Obstacle Data (eTOD) aeronautical standards and compatibility with European AIS Database (EAD)

- Simplify Obstacle Identification Surface (OIS) development and analysis with automated tools

- Streamline analysis, correction, and submission of Airports GIS data to the FAA through customizable workflows, reducing the chances of costly and time-consuming rework

Training and Implementation Packages

The following options are available to help you begin using Esri Aeronautical Solution:

- Standard classroom training
- Custom workshops
- On-site implementation and configuration support
- Remote implementation and configuration support

Analyze vertical obstacles using geoprocessing tools and visualization.

For more information or to request a free trial, visit **esri.com/aeronauticalsolution** or e-mail **aero@esri.com**.

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