

## Case Study

**Organization**  
Pegasus Airlines

**Location**  
Turkey

**Industry**  
Aviation

# Digital Aeronautical Charts in a Third of the Time

Pegasus Airlines is a leading low-cost airline in Turkey with a fleet of 66 airplanes that travel to 103 destinations (40 countries). In the first half of 2015, it carried more than 10 million passengers to 70 international and 33 domestic destinations. The organization needed a faster, more efficient way to create reliable digital charts for pilot navigation during takeoffs and landings and on taxiways.

## What did they do?

Pegasus Airlines used ArcGIS® for Aviation: Charting to make chart production 300 percent faster. The airline maintains more than 500 charts including engine out, standard instrument departure (SID), standard terminal arrival routes (STAR), approach, and airport charts. These charts are updated every 28 days. Now, instead of individually updating each chart when data changes, the airline inputs changes to its geodatabase and updates each impacted chart automatically. Pegasus Airlines also uses chart templates in ArcGIS for Aviation: Charting to speed up new chart production. These updated digital charts are available in each pilot's electronic flight bag (EFB) tablet, which supports the airline's move to a paperless cockpit. Digital charts provide easy access to the most current versions of charts, and the EFB is much lighter than traditional flight bags, resulting in fuel cost savings.

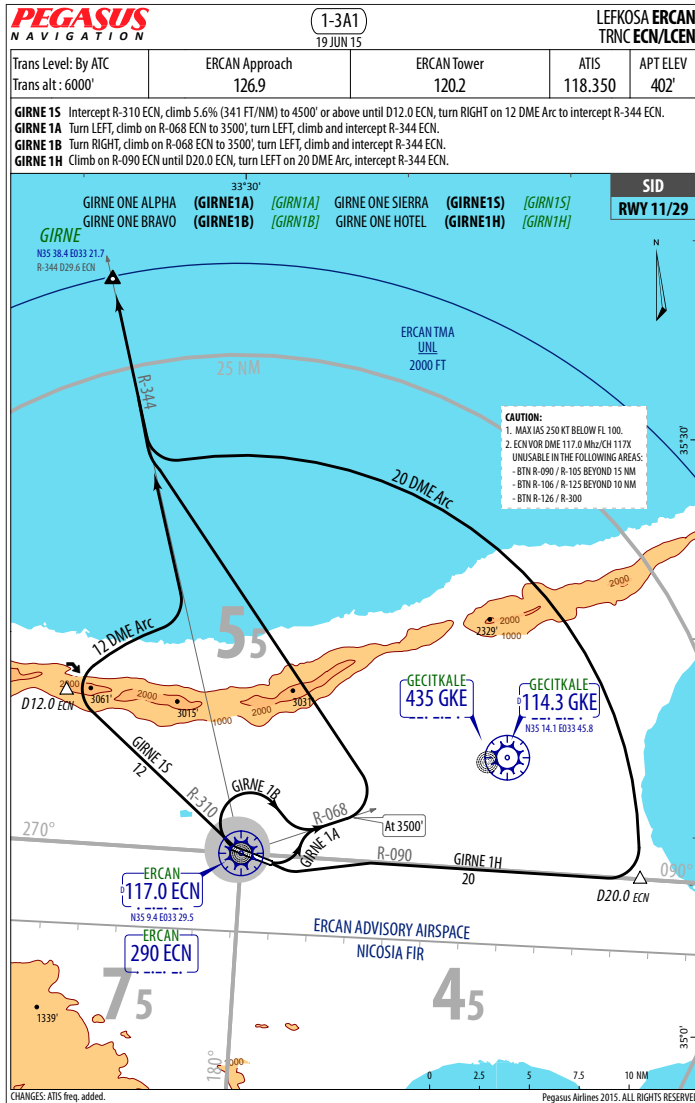
"ArcGIS for Aviation is a powerful solution that supports better data management, editing, and validation while reducing chart production time for significant time and cost savings"

**Mete Ercan Pakdil**  
Assistant Navigation Manager,  
Pegasus Airlines



## Do I need this?

ArcGIS for Aviation: Charting allows you to create International Civil Aviation Organization (ICAO)-compliant charts to your specifications with automated tools, templates, and preconfigured aviation symbols. You can automate data updates and quality control workflows as well as standardize quality review processes. ArcGIS for Aviation: Charting is configured to support Aeronautical Information Exchange Model (AIXM) datasets.



For more information, visit [esri.com/arcgisforaviation](http://esri.com/arcgisforaviation).

