



# Performance AirportMaps



Airport Map Database (AMDB) Capabilities

## Situational awareness begins at the airport gate.

Aerodrome Databases (AMDBs) aid in enhanced surface navigation by precisely mapping runways, taxiways, aprons, de-icing areas, parking stands, construction areas and other airport elements to improve not only safety margins but also operational efficiency. To this end, Performance Software has built an AMDB with mapping accuracy not found in any other AMDB in the market.

## Custom Outputs, Custom Solutions

Performance Software's AMDBs are delivered in a standards-based format per ARINC Spec 816 in the -0 and -2 formats, in addition to other custom formats as requested. Performance realizes that integrators may have need for different output formats and unique Data Quality Requirements (DQRs). We have developed an AMDB product with the unique capability to quickly customize a solution to minimize the impact to any existing customer tools and/or processes.

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*Offering a level  
of map  
accuracy not  
found with any  
other provider in  
the market today.*

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Example AMDB of Los Angeles International Airport (KLAX)

## Fast and Flexible tailored results

Our proprietary **Runway™** tool can **quickly** be adjusted to support new formats and unique customer features. Responsiveness is a cornerstone of our AMDB offerings.

# Worldwide AMDB Library

## Expanding AMDB Solutions

Performance's database of AMDBs numbers in the hundreds and continues to grow. Our database includes aerodromes from the United States, Canada, Brazil, Argentina, Bolivia, Australia, Singapore, Sweden, Belgium, Germany, Austria, Spain, Switzerland, France, United Kingdom, Netherlands, Italy, Greece, Portugal, Denmark, Czech Republic, and the Dominican Republic.

## Rapid and Continuous Updates

In order to ensure the AMDBs accurately reflect the aerodrome, PSW constantly monitors the aerodromes for changes. Each airport modification is analyzed for level of significance to determine if an AMDB update is required. This maintenance process ensures that the AMDBs are consistently accurate. Maintenance updates are released each AIRAC cycle.

**Runway™**  
*incorporates years of airport feature extraction experience into a tool with advanced capabilities, reduced extraction time, and improved quality.*

## AMDB Certification

Performance's AMDB solution was designed using the following FAA documents:

### DO-272B - User Requirements for Aerodrome Mapping Information

Performance collects Ground Control Points (GCPs) surrounding the aerodrome to ortho-rectify the image. This process allows for precise accuracy in every aerodrome.



### AC 20-153A - Acceptance of Aeronautical Data Processes and Associated Databases.

Performance holds a Type 1 (Data Supplier) Letter of Acceptance (LOA) from the FAA.

### DO-200A Standards for Processing Aeronautical Data

Certified to Data Process Assurance Level 2. (Essential)

## About Performance Software

Performance is a veteran owned software and systems engineering business specializing in product development, embedded avionic services, and full life-cycle solutions certifiable to **DO-178B/C Level A-D**. Performance develops software and other innovative technologies for avionics, energy, and healthcare markets. Headquartered in Phoenix, Arizona, Performance operates additional offices in Seattle, Clearwater, Grand Rapids, New Orleans and the Philippines. Performance is an **AS9100 registered** organization.