



Lido/ObstacleData

Airport obstacle data and EOSIDs ease your take-off

Airlines know that every airport is different. To be sure that the runway is actually suitable for your scheduled flight, not only the length of the runway has to be taken into account. The topography around the airport is very important as well. Our Lido/ObstacleData supports your flight operation with always up-to-date data on all permanent and temporary obstacles at over 1,600 airports.

For more than 1,600 airports our airplane performance experts provide you with up-to-date obstacle data as well as Engine Out Standard Instrument Departure Routes (EOSIDs) customized to different aircraft types.

We determine suitable take-off and emergency routes based on comprehensive chart material. All obstacles existing within a defined cone-shaped area behind the runway are identified and stored in a special obstacle database for calculating take-off and landing procedures and weights. Our experts analyze a variety of different sources in order to identify obstacles near airports, such as official government maps, entries in AIPs (Aeronautical Information Publications), navigation charts, and even hiking maps.

The Lufthansa Systems experts also continually enter all NOTAMs (Notices to Airmen) into the database. NOTAMS are published by aviation authorities worldwide and play a role in determining the suitability of runways or emergency routes. To provide you with up-to-date information on obstacles at all times, customers have web-based 24/7 access to the database of Lido/ObstacleData.

The format of our data can be adapted to either all relevant manufacturers' standards or to customer-specific requirements. We cover all your needs for different performance applications, such as on-board performance systems like our Lido/TakeOff or those calculating runway weight charts.

Benefits

- > **Optimized take-off weights**
- > **Maximum payload due to airframe-specific analysis**
- > **EOSIDs for more than 1,600 airports available**
- > **Suitable for on-board performance solutions**
- > **Extensive expertise in airplane performance**

> Lido/FlightOps Suite

Powerful, high-availability IT systems are critical to ensure reliable and efficient flight operations. Our Lido/FlightOps Suite provides airlines with the necessary tools and innovative solutions that enable them to optimize processes, save fuel, and reduce costs.



Features and functions

Lido/ObstacleData contains the following information:

■ Airport data

IATA and ICAO code, name, region, country, variation, elevation, position (longitude, latitude)

■ Runway data

designator, taxiway, take-off position, LDA, TORA, TODA, ASDA, width, slope, threshold/runway end elevation, bearing, lineup code

■ Obstacle data

Obstacle elevation and distance

You will receive Lido/ObstacleData customized to your flight operations. Each data set includes airport, runway, and EOSID information together with all relevant obstacles along the EOSID routing. All obstacles positioned within a defined area along the EOSID specific zone will be analyzed according to official regulations or your airline's policies.

Due to the high configurability of our product, specific datasets for training issues can also be provided according to your airline's requirements.

The analysis and maintenance of our Lido/ObstacleData is carried out in accordance with official information sources (e.g. NOTAMs, AIC and AIP amendments).

Most of the products in our successful flight operation portfolio also rely on Lido/ObstacleData:

- Lido/TakeOff
- Lido/Landing
- Lido/RWC
- Lido/Flight
- Lido/FlightBag