



Lido Desktop Assessment Service

Don't lose sight during low visibility operations.

Simplify LVO compliance

Avoid costly flight demonstrations and the time-intensive process of gathering and analyzing data from multiple sources for your Low Visibility Operations (LVO). With the latest EASA regulations, LVO compliance can now be demonstrated through a desktop assessment using aircraft- and runway-specific data. This method evaluates runway characteristics and surrounding infrastructure against requirements defined by aircraft type and onboard equipment.

Overcoming data gaps and manual effort

Conducting such assessments can be challenging because the required data is often incomplete or unavailable in official sources. Even when the data exists, extracting, validating, and comparing it typically involves significant manual effort, making the process slow and resource-intensive.

Reliable global assessments

The Lido Desktop Assessment Service uses Lufthansa Systems' EASA-certified terrain, obstacle, and airport datasets within a fully automated process. This ensures highly reliable and accurate suitability decisions while significantly reducing effort. Thanks to the global coverage of these datasets, assessments can be performed for any published runway worldwide.

Key benefits & features



EASA certified data

- Powered by EASA certified datasets of Lido terrain, obstacle and airport products.



Worldwide coverage

- Assessments can be generated for any published runway on the globe.



Detailed results report

- Lists key statistics and graphs as well as the resulting suitability decision for every assessed runway.



Support for operational assessment

- Runway and terrain complexity included if the desktop assessment results are negative.



Cyclic monitoring

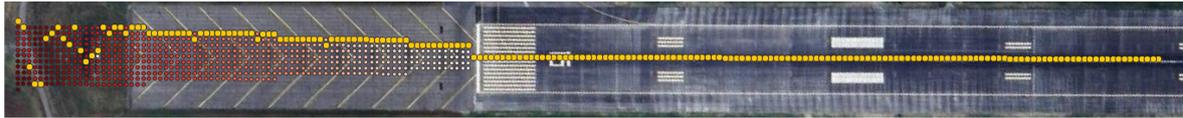
- Option to monitor used data every AIRAC cycle to detect changes, which trigger a new analysis.



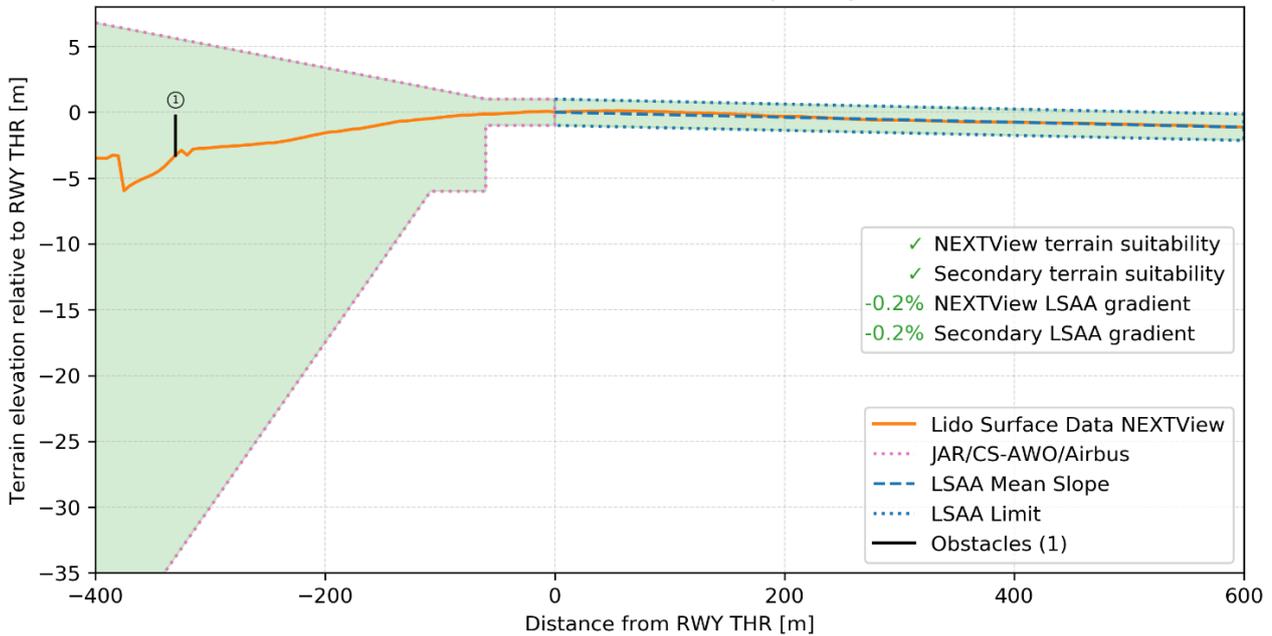
Smooth scalability

- The number of runways and assessments can easily be adjusted without any impact on the delivery timeline.

Detailed results.



KBGR RWY 15 LVO Desktop Analysis



Obstacle Details

Nr.	idnumber	Lat	Long	Type	TopElev [m]	Height [m]	EffFrom	EffTill	Source	Assessment
1	28459044	44.82045	-68.846939	Navaid	58.22	3.66	2011-01-03	UFN	eTOD	✓

The analysis considers the highest terrain elevation per step in runway direction (yellow points) – with up to 6m resolution.

Flexible input and output options

To ensure the most relevant results for your specific use case, the Lido Desktop Assessment Service can be customized in several ways.

Assessment requirements depend on the aircraft type and are based on parameters provided by the original equipment manufacturers (OEM).

If a desktop assessment does not meet these OEM requirements, then an automated runway complexity categorization helps you to prepare an operational assessment, which serves as an alternative means to show LVO suitability.

As a new and evolving product, the Lido Desktop Assessment Service offers a high degree of flexibility, allowing specific customer requirements to be incorporated on a case-by-case basis.

Monitoring service

Changes to a runway or its surrounding environment can significantly impact the results of a desktop assessment.

Our monitoring service tracks the data used in each analysis, enabling new assessments to be triggered whenever relevant changes are detected.

Monitored datasets include published runway threshold coordinates and elevation, charts, terrain, and obstacles.

Monitoring intervals can be adjusted to your needs—from AIRAC cycle updates to yearly checks or other preferred schedules.

For more information please contact
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