



Lido/Performance



Get the most out of your fleet!

Today you are faced more than ever with the challenge of conducting safe and efficient flight operations, reflecting flight safety, commercial and environmental aspects, to name just a few. We offer a variety of aircraft performance tools for the entire flight, helping you to meet your objectives and succeed in your markets.

Lido/Performance Solutions

Powerful, robust IT systems are critical to provide reliable and efficient flight operations.

Our Lido/Performance Solutions provide airlines with the necessary tools that enable them to optimize processes, save fuel, and reduce costs.

A closer examination of procedures, standards, fuel consumption, and payload frequently reveals that there is room for improvement. You can enhance your safety and capacity, and thereby reduce costs. We have the knowledge and experience to support you with a variety of aircraft performance solutions. Lido/Performance tools are integrated and complement each other, forming a complete Lido/Performance suite. This builds a standard interface for all your fleets.

> Extended fleet lifecycle

Accurate aircraft operation according to manufacturer's specifications produces the best fleet lifecycle results. This reduces maintenance times and avoids AOGs.

> Reduced costs

Our calculations lead to accurate results and this helps you reduce buffer and hence costs. This means no carriage of extra fuel or payload left behind.

> Worldwide airport data coverage

No matter where you fly. We can provide obstacle data and EOSIDs for literally every commercial airport.

Lido/TakeOff and Lido/Landing

Our separately available solutions for take-off and landing performance, Lido/TakeOff and Lido/Landing, are designed for onboard use with an Electronic Flight Bag (EFB) or a laptop. Both solutions are integrated using the same aircraft manufacturer performance database and libraries, including data integration with Lido/ObstacleData and NOTAMs.

When using Lido/TakeOff during take-off preparation, the pilot enters the actual data for the runway in use, including weather, aircraft parameters, and other data. Based on its input, Lido/TakeOff calculates the optimum thrust, flap setting, and speeds for take-off. All calculations use Lido/ObstacleData if subscribed to this service. Additionally, Lido/TakeOff takes into account NOTAM limitations (e.g. RWY shortage) and aircraft-specific limitations as listed in the operations manual, including active MEL/CDL items for the aircraft.

Our landing performance tool Lido/Landing allows the pilot to calculate the necessary parameters for landing. The pilot can calculate the necessary landing distance

based on different brake settings and can therefore define the taxiway leaving the runway. This optimizes the time on the runway and hence taxi time and/or distance. All necessary information for landing and G/A is considered and results in a determination of the maximum weight for the required G/A gradient. Additionally, the effect of non-normal procedures impacting landing performance is considered.

Lido/APM

Monitoring the aircraft's performance during flight is key to a safe and efficient flight operation. Aircraft performance monitoring provides early indications as to whether or not the aircraft's fuel burn remains within an acceptable tolerance window.

The Lido/APM solution allows the accurate monitoring of an aircraft's real fuel burn and immediately detects deviations. This enables you to take corrective actions at an early stage or to adjust the performance correction factor of each aircraft on an individual basis, e.g. for flight planning calculation. In this way we help you to extend the lifecycle of an aircraft and to conduct flight operations in the safest

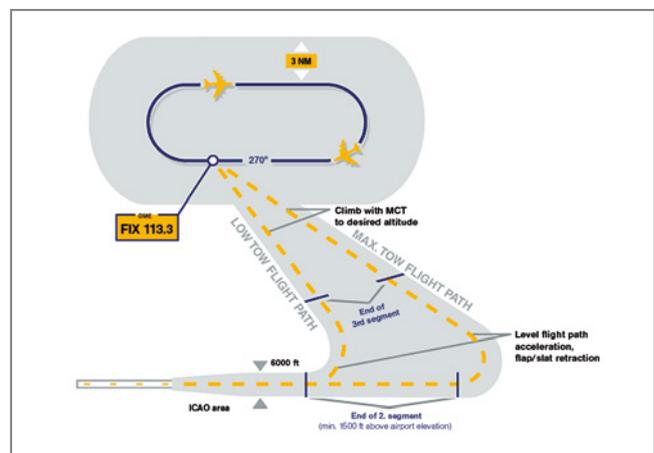
and most efficient and ecological manner possible. Regularly adjusted performance correction factors are provided to flight dispatch solutions such as our market-leading flight dispatch system Lido/Flight.

Lido/ObstacleData

We create and manage up-to-date airport obstacle data required for take-off and landing in an online database. You receive an individual extract of this database, tailored to your fleet and destinations on a regular basis. Each data set of Lido/ObstacleData comes with Engine Out Standard Instrument Departures (EOSIDs) also customized if required. This obstacle database is also optionally integrated with our Lido/TakeOff and Lido/Landing solutions and provides service to the flight deck in a one-stop shopping process. In addition, the Lido/ObstacleData is optionally integrated into Lido/Flight, including the EOSIDs.

TO Performance Wind: 014.00.05 SID: 2278911		Exit	Reg: D-AQRS	Boeing 747-430	Airport: FRA EDDF	Calculate
WZ: CALM	Pwr: FULL	Alt: OFF				
QAT: +15 °C	Elaps: 20	A/C: 1 PAC...				
QNH: 1013 hPa						
MEL/CDL/Specials		X-Check	Set			
Act TOW: 394.6 t	Alt CG:	Cond: dry				
FRANKFURT/MAIN 18		3970	394.6			
V1: 152	Flaps: 20	MTOW: 394.6	PTOW: 400.0			
VR: 170	MATOW / AclTOW: 394.6	Stop Margin: 723	TAS Effect:	Field Length: 429.5		
V2: 180	Thrust: TO	HWC: 0 kt	CWC: 0 kt	Sec. Segment: 430.5		
Accel Alt: 1900	EOSID: At 25 NM [FRAX3] enter HLDG (179 INBD,RT)		VMCG: 125	Obstacle: 425.0		
		Tire Speed: 470.0	Brake Energy: ---			

Lido/TakeOff in a Boeing 747 cockpit in EDDF



EOSID (Engine Out Standard Instrument Departure)