

'**Taxi in/Taxi out**' times (the average time spent on the ground by the aircraft) are different at different airports. Leon allows you to define 'Taxi in' and 'Taxi out' data (in minutes) for particular airports.

Go to the '**General Airport Information**' section (OPS > Airport Directory > Edit Airport), and insert appropriate data, which will be included in suggested STA time calculated from **GCD** (Great Circle Distance) when adding a new flight.

Before using suggested STA times from GCD including Taxi in/Taxi out times you need to follow below steps.

- **Aircraft performance data**

In section OPS > Fleet click on particular aircraft to insert its performance data:

1. Speed in 1st h of flight
2. TAS (True airspeed - the speed of the aircraft relative to the airmass in which it is flying)

Performance	
Climb rate (ft / min)	<input type="text" value="2000"/>
Descent rate (ft / min)	<input type="text" value="2000"/>
Speed in 1st h of flight (knots = NM / h)	<input type="text" value="250"/>
TAS (knots = NM / h)	<input type="text" value="400"/>
Max range with 0 PAX (NM)	<input type="text" value="0"/>
Max range with max PAX (NM)	<input type="text" value="0"/>

- **General Airport Information**

Go to 'Edit Airport' page and insert airport code in the filter, then edit its information by clicking on the pen-icon.

In the section 'General Airport Information' click on the number of minutes placed next to either 'Taxi in' or 'Taxi out' fields to edit it and change into appropriate data. All changes will be saved when leaving the page.

General Airport Information					
				Data: Merged Acukwik Private	
ICAO/IATA	EGSS/STN	LON/LAT	E000-14.1/N51-53.1	Frequency	---
City	LONDON	Elevation	348	AFTN	EGSSZTX
Country	UNITED KINGDOM	Runway Dimension	10003x151	SITA	---
State	---	Approaches	ILS, DME	Slots required	Yes
County	ESSEX	Lighting Intensity	HIGH	Free airport	
Address1	---	Variation	03W	Handling mandatory	Yes
Address2	---	Control Tower Hours	H24	Airport of entry	Yes
ZIP	---	Tower phone		Fuel type	JET
Email	---	Open 24 hours	R	Category	A B C P U
Website	www.stanstedairport.com	Taxi in (min)	10	Taxi out (min)	15
Increased risk classification	<input type="checkbox"/>	GAR Email	---		



- **Using suggested STA time from GCD**

When adding a new flight (either from 'New Flight' or 'Planned Flights' pages), when clicking on STA

field, Leon will suggest time calculated from GCD incl. 'Taxi in/Taxi out' data previously inserted for particular airports (as well as predicted time based on **historical flights**, if at least 5 flights have been saved in Leon with 'Journey Log' data on the same aircraft type).

An example below shows a flight from STN to WAW, where: **STD** is 1100 UTC, **Taxi out** for STN is 15 minutes, **Taxi in** for WAW is 20 minutes - STA based on GCD + Taxi times + aircraft performance data = 1345 UTC.

Reg No. Aircraft Type Type Code Status Operation type

Flight No.	Date	Report.	STD	ADEP	ADES	STA	Block	CMT	RF?	ALTN	E.L.?	COM	CPT
  <input type="text" value="GCD"/>	<input type="text" value="16-11-2013"/>	<input type="text" value="AUTO"/>	<input type="text" value="1100"/>	<input type="text" value="STN"/>	<input type="text" value="WAW"/>	<input type="text"/>	<input type="text" value="12:59"/>	<input type="text" value="00:00"/>	<input type="text" value="A"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="New Leg"/>						<div><div>13:45 (calculated from GCD)</div><div>13:22 (+/- 00:23 predicted based on 6 historical flights)</div></div>							

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Permanent link: <https://wiki.leonsoftware.com/taxi-in/taxi-out-times-will-be-included-in-suggested-sta-time-calculated-from-gcd-great-circle-distance-when-adding-a-new-flight?rev=1383812490>

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