

Fleet

[Video Tutorial](#)



Registration	Aircraft Type	Model	Default Flight Number	MTOW	Capacity	Status	ACMI	Base	Price
14512	A320	320	14512	190	180	Active		14512	199
14513	A320	320	14513	190	180	Active		14513	199
14514	A320	320	14514	190	180	Active		14514	199
14515	A320	320	14515	190	180	Active		14515	199
14516	A320	320	14516	190	180	Active		14516	199
14517	A320	320	14517	190	180	Active		14517	199
14518	A320	320	14518	190	180	Active		14518	199
14519	A320	320	14519	190	180	Active		14519	199
14520	A320	320	14520	190	180	Active		14520	199
14521	A320	320	14521	190	180	Active		14521	199
14522	A320	320	14522	190	180	Active		14522	199
14523	A320	320	14523	190	180	Active		14523	199
14524	A320	320	14524	190	180	Active		14524	199
14525	A320	320	14525	190	180	Active		14525	199
14526	A320	320	14526	190	180	Active		14526	199
14527	A320	320	14527	190	180	Active		14527	199
14528	A320	320	14528	190	180	Active		14528	199
14529	A320	320	14529	190	180	Active		14529	199
14530	A320	320	14530	190	180	Active		14530	199
14531	A320	320	14531	190	180	Active		14531	199
14532	A320	320	14532	190	180	Active		14532	199
14533	A320	320	14533	190	180	Active		14533	199
14534	A320	320	14534	190	180	Active		14534	199
14535	A320	320	14535	190	180	Active		14535	199
14536	A320	320	14536	190	180	Active		14536	199
14537	A320	320	14537	190	180	Active		14537	199
14538	A320	320	14538	190	180	Active		14538	199
14539	A320	320	14539	190	180	Active		14539	199
14540	A320	320	14540	190	180	Active		14540	199
14541	A320	320	14541	190	180	Active		14541	199
14542	A320	320	14542	190	180	Active		14542	199
14543	A320	320	14543	190	180	Active		14543	199
14544	A320	320	14544	190	180	Active		14544	199
14545	A320	320	14545	190	180	Active		14545	199
14546	A320	320	14546	190	180	Active		14546	199
14547	A320	320	14547	190	180	Active		14547	199
14548	A320	320	14548	190	180	Active		14548	199
14549	A320	320	14549	190	180	Active		14549	199
14550	A320	320	14550	190	180	Active		14550	199

Fleet - the general view on the list of aircraft

Managing the fleet in Leon is easy and handy. This section allows you to sort all essential information about aircraft in many ways. You can either display all types of aircraft or just one, you can hide tails that are not being used or view only ACMI aircraft.

Fleet main page shows details such as registration, type, serial number, default flight number (defined in aircraft profile), MTOW, capacity, status, ACMI, base and the price.

It the aircraft is marked as 'not used' or 'deleted' (in its profile), the status-dot is red. The same applies if the aircraft is excluded from billing (which is subject to Terms and Conditions and agreement with Leon Software Ltd.).

A column **Price** shows the price Leon charges based on an aircraft **MTOW**. There are 3 price compartments:

1. **MTOW 0 - 50 000 lbs** - 199 € per a tail.
2. **MTOW 50 000 - 110 000 lbs** - 329 € per a tail.
3. **MTOW > 110 000 lbs** - 449 € per a tail.

Aircraft edition

The aircraft edition panel is divided into **4** separate sections: **BASIC**, **OPS**, **SALES** and **PERFORMANCE**. Right below you can see an aircraft status: Active, Not Used or Deleted. Here you can also mark a checkbox **ACMI** if the tail is temporary leased or sub chartered aircraft by your company. Next to it you can see the price that Leon charges for the particular aircraft.

BASIC

Invalid Link
Aircraft basic information page

This page shows **basic** aircraft information and is split into a few sections, such as:

1. **AIRCRAFT TYPE** - mandatory data is: the aircraft Name, Short name, IATA code and the

aircraft registration. Additional data is: SELCAL (selective-calling number which can alert an aircraft's crew that a ground radio station wishes to communicate with the aircraft) and aircraft phone number.

2. **CREW** - mandatory data is: minimum required Cockpit & Cabin crew, PAX capacity and Maximum Cargo. Additional data is: default Rest Facility (used for augmented and double crew flights).
3. **HOME BASE** - mandatory data is: Leon home base (select the base defined in General Setting for your operator) & ICAO home base. Additional data is: year of production & serial number.
4. **UNITS** - mandatory data is: MTOW (in a default unit defined in General Settings - Leon always shows suggested MTOW for a particular aircraft type). Additional data is: weight unit, fuel unit (also displayed in Journey Log for fuel inputs), Operator/ICAO code (Leon will show the operator name or a code on the Handling Requests form) and the Address.

OPS

This tab shows OPS related information of the aircraft, of which the mandatory ones are: **Max fuel & Burn fuel on taxi per h.**

The additional data is:

Aircraft category	Aircraft noise class length	Maximum payload weight
1	0 up to but not including 9 m	20t
2	9 m up to but not including 12 m	20t
3	12 m up to but not including 18 m	30t
4	18 m up to but not including 24 m	40t
5	24 m up to but not including 28 m	40t
6	28 m up to but not including 39 m	50t
7	39 m up to but not including 49 m	50t
8	49 m up to but not including 61 m	70t
9	61 m up to but not including 76 m	70t
10	76 m up to but not including 90 m	80t

Aircraft 'Rescue & Fire fighting categories

- **Table view colour** - the aircraft colour in a section OPS > Table.
- **No handling needed at home base** - if marked, Leon will not require sending handling requests email.
- **Default flight type** - select N-non-scheduled, S-scheduled, G-general, X-other or M-military.
- **Default flight rule** - select IFR, VFR or other rules.
- **ICAO noise category** - the standard of the aircraft noise: Chapter 2, Chapter 3, Chapter 4, Chapter 10 or Chapter 14.
- **Rescue & fire fighting category** - an option to select the appropriate category depending on the aircraft length (see screenshot on the right).
- **Minimum runway length** - add the length in meters and if this value is greater than the airport's minimum length, Leon will a warning: 'The runway length is too short for this aircraft' in sections: OPS & Requests/Quotes.
- **Flight number** - default flight number displayed automatically in a section OPS when adding a new trip.
- **Increase by one** - if marked, adding a flight within one trip will by default increase the flight number by one (ABC1, ABC2, ABC3, ...) if the previous leg ends on any number.
- **Notes** - all information added into this field will appear on a Trip Sheet document.

SALES

In this panel you can add **Airport Fees & Aircraft Fees** (previously set up in a section SALES > FEES).

Aircraft Fees

H-LEON

Airport Fees

Medium Jet

Default commercial

Yes

UK APD Class

Standard

Pictures

EDIT PICTURES

Additionally you can select a default type for the trip in terms if it's **Commercial** or not. Also, you can define **UK APD Class** (between Reduced, Standard or Higher) and upload **pictures** for this particular aircraft and then make it displayed in your 'Requests/Quotes' panel documents with the help of [Documents Manager](#), where in Available Data > Aircraft you can find an item 'Pictures' to be used.

PERFORMANCE

Here you can add the **aircraft performance** data which will be used for calculating **STA** time on all trips on the particular tail.

Available field are: **Climb rate** (ft/min), **Descent rate** (ft/min), **Max Flight Level**, **Max range with '0' PAX** (NM), **Max range with max PAX** (NM) and **Minimum Ground Time** (when you add a new trip and the difference between STA of the last leg and STD of the new leg is less than 'Minimum Ground Time' set in this field, Leon will display a warning message. This value will also be used as a Rotation time for the aircraft and subsequently, towards Rotation prognosis calculation in the TIMELINE view.)

Below you can select which calculation **model** you want Leon to apply.

ADVANCED

The advanced calculation model can be useful on **short haul** flights, as it is more accurate if it comes to calculating STA.

Insert the **IFR Route Factor** (%) - here you can increase GCD (Great Circle Distance).

Calculation model

Advanced

IFR Route Factor*

100

%

DISTANCE PROFILES

Distance (NM)	Miles to Climb (NM)	Climb Time (hh:mm)	Cruise speed (kts)	
000	40	00:14	450	+ -
050	60	00:28	450	
100	80	00:39	450	

SAVE

CANCEL

Advanced aircraft performance settings

Define **DISTANCE PROFILES** - use + icon to add more entries.

- **Distance** [NM]
- **Miles to Climb** [NM]
- **Climb Time** [hh:mm]
- **Cruise speed** [kts]

If, for example, the Distance between ADEP & ADES is 400 NM, Leon will use distance profile added for 500 NM (as in the screenshot).

SIMPLE

Add the aircraft speed adding details into 'From' & 'Cruise speed' fields (just like in the old Fleet version), by defining speed per hour of the flight, i.e.:

00:00 275 (knots)

01:00 425 (knots)

Virtual Fleet

FLEETVIRTUAL FLEET

aircraft type

Create aircraft type name

Name	Aircraft Type	Capacity
VIRT 1	GLF4-G450	18
VIRT 2	GLF5-Gulfstream G550	18
CHALON VIRT	GLF4-G450	18

Records 1 - 3 from 3

List of virtual aircraft in Fleet settings

The tab **VIRTUAL FLEET** allows creating a list of virtual aircraft, which are free of charge. There is no limit as to the number of aircraft available. Aircraft added here can be treated as regular tails and be used to plan the schedule ahead without creating the confirmed schedule. The process of creating the list is flexible and up the operator - the tails can be copies of the actual fleet or any types that suit the company policy.

In order to add a new aircraft click

NEW AIRCRAFT

 and fill out the form.



Virtual aircraft in Calendar view

Once added to the list the aircraft will be visible in all views (table, calendar & timeline) of the OPS panel. The order of displaying the aircraft can be set using the option AIRCRAFT in any of the schedule views, where Active (+Virtual) or All has to be selected in the filter in order to view the virtual aircraft. The order is set up by dragging and dropping the tail in the list.

The virtual tails can be used just like the regular tails in order to plan the schedule. It is possible to add flight details (ie. crew or pax), however, the checklist, the JL&FW and printing any flight documents are not available for those types of aircraft. New flights can be added as regular new trips (virtual aircraft will be displayed at the bottom of the list of available aircraft) and once the schedule is ready the type can be changed in any of the panels. This tool is very useful for planning an airline schedule.

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