

MyRCModels

User Manual

MODELS TAB

The usage is quite simple and intuitive.

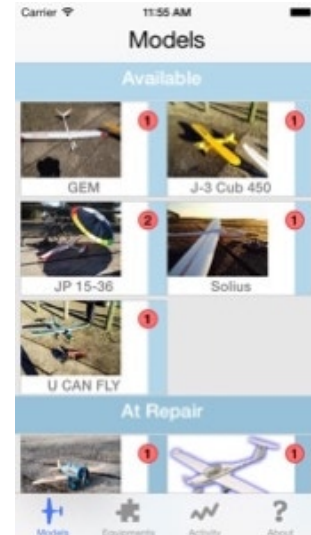
The first tab shows the list of models sorted by their status: Available, Under construction, At repair, Retired.

If needed a red badge shows the remaining ToDos non-completed for the model.

When the selected configuration is not the initial configuration a token indicates its number surrounded by a "C".

- To create a new model, you have to touch the «New Model» cell.

- To change the status of a model, manage the configurations of a model or delete an existing model you have to make a long pressure on its cell.



Selecting a model in the list provides access to a synthetic view that contains a comment field, a photo album and buttons for direct access to information about this model.

It is possible to create a flight by a shaking gesture. A window used to enter the 3 parameters: flight time, battery and site. The values of these 3 parameters are already pre-filled with those of the last flight.



MyRCModels



Shape of the model



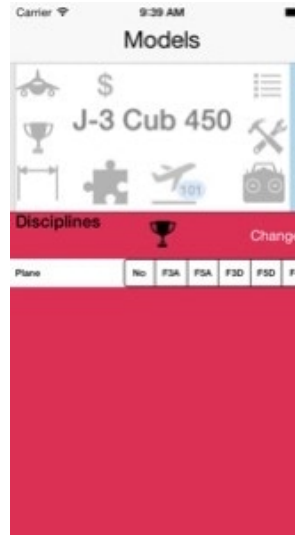
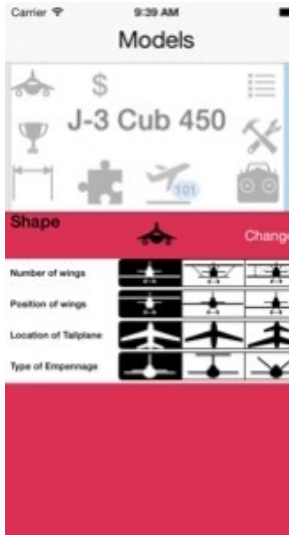
Disciplines of the model.



Dimensions of the model. App computes the aspect ratio and main chord.



Equipment of the model.



Specific and shared costs of the model. Touch column to change sort order.



Masses of the model. Double touch on table header to switch from simple to detailed masses management.



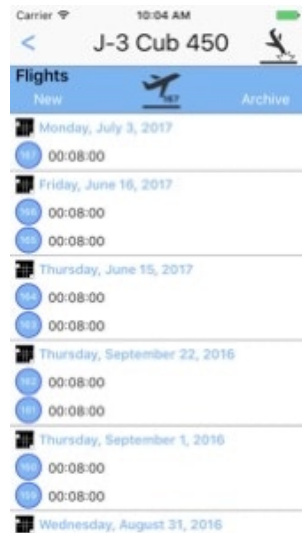
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List of flights. Selecting a flight allows you to view all the flight data and calculation of:

- the average current,
- the power used,
- the motor time for a flight at 0.8 C.

You can also archive the flights records in a file in the iTunes file sharing.



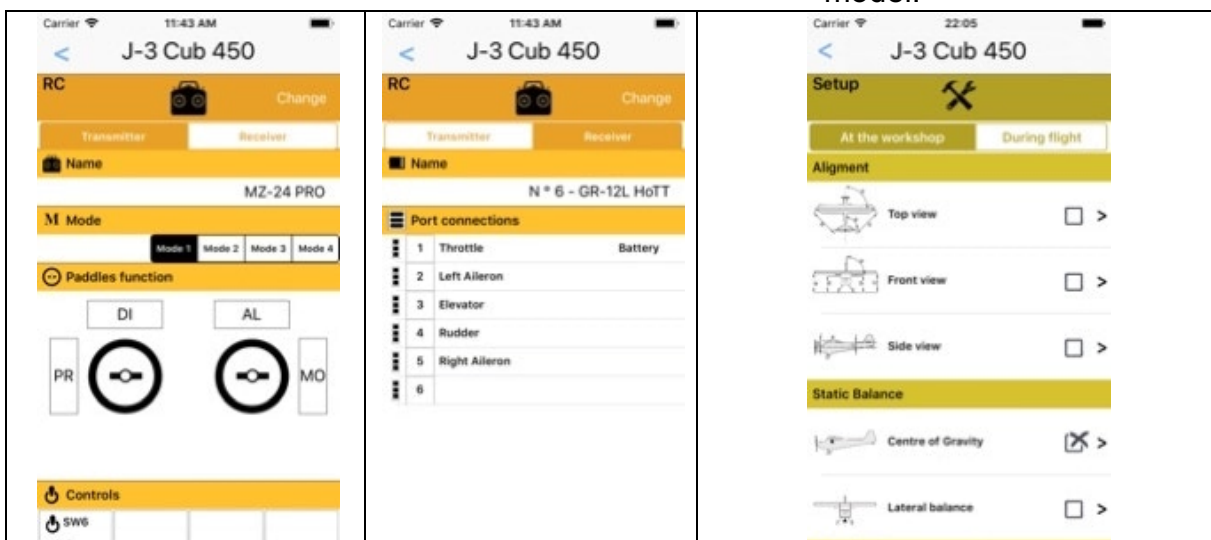
To create a flight, you must select the "New" button in the window of the list of flights. The window that appears contains more information than the quick creation presented above: date, time engine, remaining capacity, crash indicator and comment.




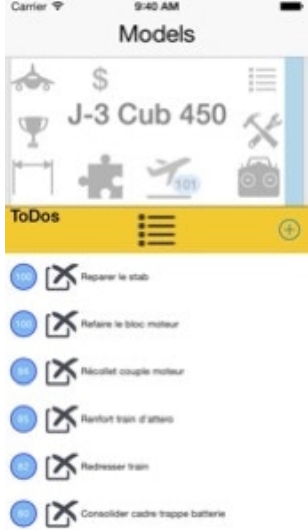
Programming parameters of the sticks and controls of the transmitter.



Setup at workshop and during the flight with the location of CG and the deflexion of controls of the model.



MyRCModels

	<p>The list of tasks to be performed on the model.</p> <p>A red badge indicates the number of tasks waiting to be performed.</p> <p>For each task a blue badge indicates the number of flights made with the model at the time of the creation of the task.</p>	 <p>The screenshot shows the 'Models' screen for a 'J-3 Cub 450' model. At the top, there is a status bar with 'Carrier', '9:40 AM', and a battery icon. Below the status bar, the title 'Models' is displayed. The main content area shows the model name 'J-3 Cub 450' and a list of tasks under the heading 'ToDoS'. Each task is represented by a blue circle with a white checkmark and a red badge indicating the number of tasks waiting to be performed. The tasks are:</p> <ul style="list-style-type: none">100 Réparer le stab100 Refaire le bloc moteur100 Récollet couple moteur100 Renfort train d'atter100 Redresser train100 Consolider cadre trappe batterie
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MyRCModels

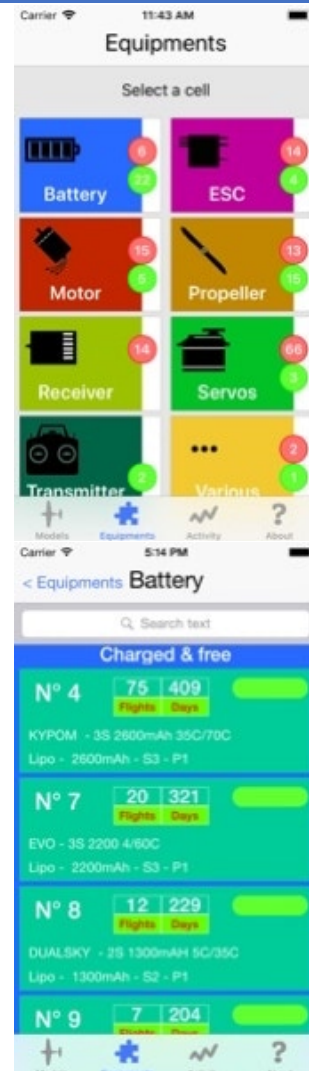
EQUIPMENT TAB

Selecting the second tab allows you to manage all the equipment such as Batteries, ESC, Motors, Propellers, Receivers, Servos and Various. For each equipment you may record the main data:

- battery type, capacity, number of cells,
- ESC type, max current,
- motor type, KV, I0, R0,
- propeller type, diameter, pitch,
- servos type, torque, speed.

Selecting an equipment category cell gives you access to a view that display for each equipment:

- brand,
- product name,
- mass,
- purchased price,
- main datas,
- number of flights,
- number of days since purchase date,
- model owner.



- To create a new equipment you have to touch the «New ..» cell.
- To change the status of an equipment you have to tap twice on its cell. Status are «Charged», «Uncharged» or «Retired» for a battery, «Available», «Unavailable» or «Retired» for other equipment.
- To duplicate an equipment, you have to tap with 2 fingers on its cell.
- To delete an existing equipment, you have to make a long pressure on its cell.

MyRCModels

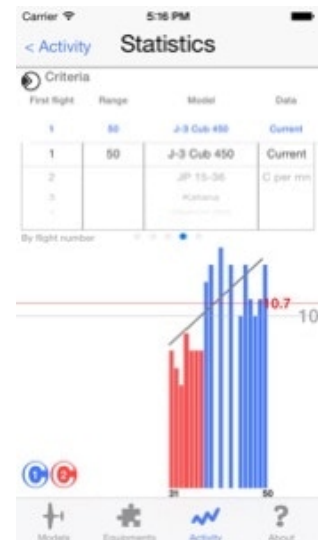
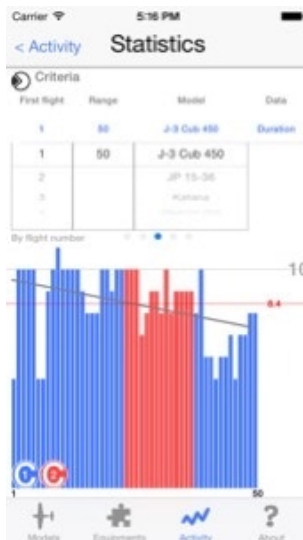
ACTIVITY TAB

The third tab gives access to some reports. These reports are accurate if you record all your flights.



Statistics with graphs on:

- number and duration of flights and the number of flying days by week, by month, by year and by model,
- evolution of flighting time,
- the flight duration and consumed electric current depending on flight number to indicate the impact of an equipment change,
- total costs and cost per flight for each model.



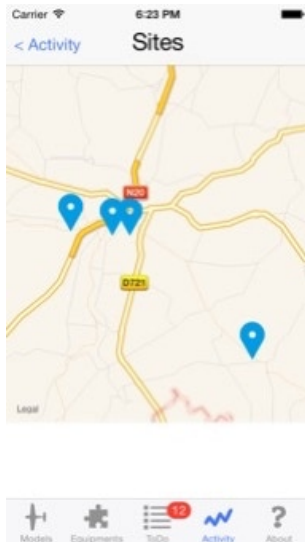
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Sites with locations of flights. You may manage each flying site by put its name and some photos.



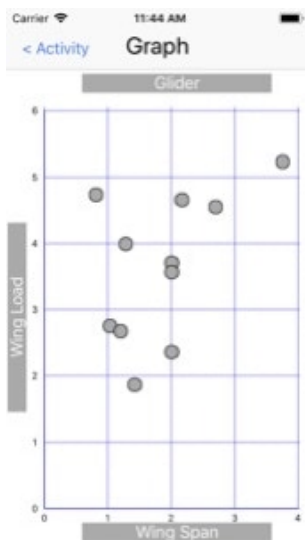
Records with min and max values about using models and batteries.



Graph to show the correlation between measurement of your models. For instance wing load vs wing span.



Usage with the analyzing of batteries usage. Helpful to manage your set of batteries, to optimize their usage, to look for lack...



Results	Dates
Model(s) with only one battery	
CB22	N° 19 - 4N-1600
J-3 Cub 450	N° 6 - 3S 2500mAh 35C...
Solution	N° 6 - 3S 2500mAh 35C...
Tigra	N° 16 - V-FT-12
More used battery(ies)	
N° 4 - 3S 2600mAh 35C...	87
N° 6 - 3S 2500mAh 35C...	107
N° 11 - 3S 5000mAh 25...	93
N° 18 - 4N-1600	107
Less used battery(ies)	
N° 13 - ES300 25C	1
N° 14 - ES300 25C	1
N° 16 - V-FT-12	20
N° 19 - 4N-1600	12
N° 20 - 3S 800 mAh 20C...	30
N° 21 - 3S 800 mAh 20C...	16
N° 22 - 3S 800 mAh 20C...	26
N° 25 - 3S 2500mAh 35...	2



Sessions summarize of flights done during a session: same day, same site.