Flugsachen – Cockpit for Jeti

EN Version 2.0

powerd by Flugsachen.de

Version: 17.12.19

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Contents EN

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1. Introduction

The display of the Jeti transmitter is divided into individual windows with the app. Different options can be selected for the windows, this is set in the setup. The app accesses the data of the selected sensor. The settings are saved in the model file, so different settings are possible for all models for which the app is used.
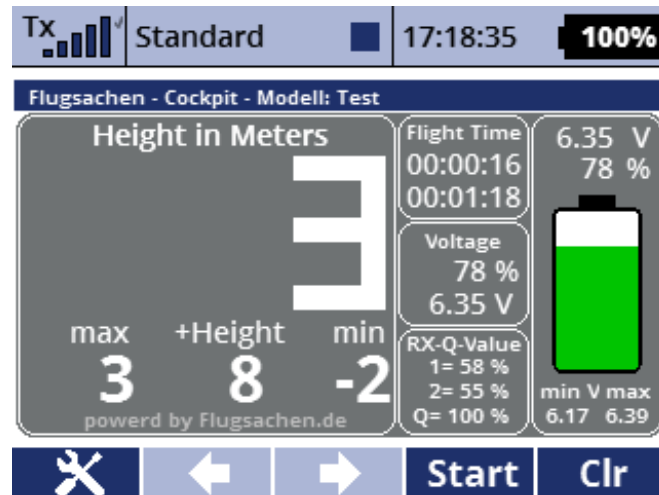
The large window on the left displays the elevation data as values or as an instrument, depending on the setting used. The altitude gain can be set to zero using the switch.

In the middle windows different values can be displayed, e.g. flight time, voltage, reception quality.

In the right window the battery status is displayed graphically as a battery symbol or as a voltage instrument.

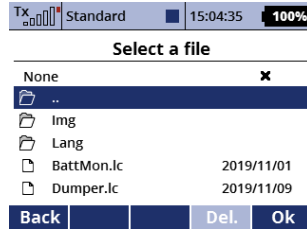The current versions of the app and instructions are available at :

http://flugsachen.de/modellflug/lua-programmierung/

The author does not assume any liability for the completeness or function of the manual or the App. The use of the App is at the user's own risk.
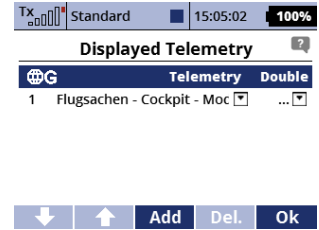
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2. Installation

The app FSCockpit.lc is copied into the directory Apps. The image files, *.png, are copied in the App directory to the Img directory. The language file FSCockpit.jsn is copied into the directory Lang and the *.wav files into the directory Audio. If the directories do not yet exist, they must be created.
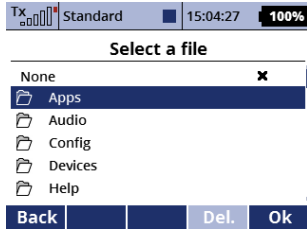
| Directory for the app	Subdirectory Img for the graphic files	Include in Telemetrie display

The app can then be activated under Additional Functions/User Applications. After the first activation please select the app, start it and make the settings otherwise the app crashes. Later the settings will be made under Additional Functions / FSCockpit Setup. Now the app can be assigned to the display under Stopwatches/Sensors Telemetry display.

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3. Settings

Some settings must be made after the installation. The settings are made in the transmitter in the additional functions in the FSCockpit setup. Some of the settings are preset.
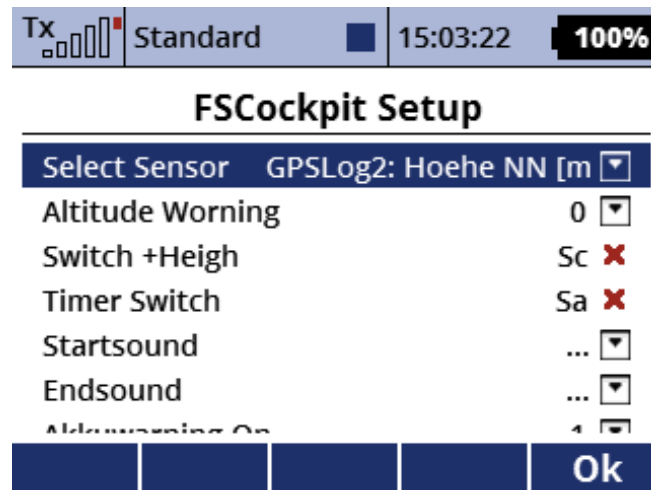
3.1.   Height sensor

Select a sensor from the list.

3.2.   Height Warning

Here a value can be entered for a height warning, if this value is reached we get a warning message. The message can be found in the zip file. If no value is entered, there is also no message.

3.3.   Announcement Height Warning

Select file for height warning announcement.

3.4.   Switch +Height to 0

Here we select a switch or button for resetting the treble gain. The altitude gain results from the gained altitude meters from the start or the zeroing.

3.5.   Steps +Height

The steps in which the altitude gain is to be incremented. With this value the sensitivity of the altitude gain display can be adjusted to the model and the sensor. The smaller the value, the more sensitive the response of the altitude gain is.

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3.6.   Timer switch

A switch for the flight timer is selected here, it must be a two-stage switch (on/off), not a button. The time runs as long as the switch is set and runs only when the transmitter has reception and ends when the switch is reset. At the next switching the flight time will be reset to zero. The total flight time is stored as the sum of the individual flights for each model individually.

3.7.   Start sound

Here you can select an announcement for the timer start from the standard sound files. If no sound is selected, nothing sounds. If you have copied the two sound files from the Zip file into the Jeti Sound directory, you can select them.

3.8.   End Sound

Here you can select an announcement for the timer start from the standard sound files. If no sound is selected, nothing sounds. If you have copied the two sound files from the Zip file into the Jeti directory, you can select them.

3.9.   Battery Warning On

The battery warning can be switched on or off here. A battery warning sounds when the battery voltage is below the set alarm voltage.

3.10.   Battery Warning

Please select a sound file e.g. NiedriAK.wav.

3.11.   Battery voltage

The battery nominal voltage is entered here. The app accesses the voltage in the receiver, so the use only makes sense if no BEC is used because in this case the voltage would be constantly displayed until shortly before reaching the minimum voltage.

3.12.   Alarm voltage

This is the lowest voltage to be achieved.

3.13.   Switch-off voltage

This is the minimum voltage of the battery. If this is set to zero, the entire voltage range is available for display. If the value is set to the minimum voltage, you have a quick overview of the available residual voltage.

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3.14. Background

It can be chosen from different backgrounds. The following backgrounds are currently available:

Black	Black	1
Gray 1		2
Gray 2		3
Blue 1		4
Blue 2		5
Green 1		6
Green 2		7
Red		8
Carbon		9

3.15. Window Contents
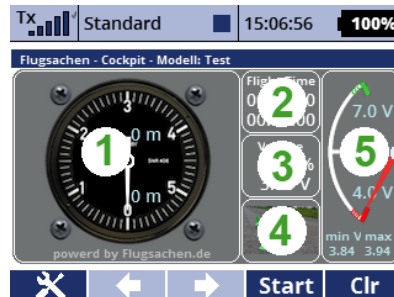
3.16. Window 1

1   2
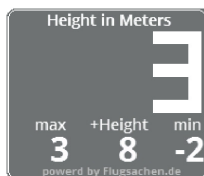
Display 1 shows the current altitude in large digits at the top and the maximum altitude, the altitude gain and the minimum altitude at the bottom.

Display 2 with the altimeter shows the altitude from 0 - 6 meters in meters per unit, from 6 - 60 in 10 meters per unit and from 60 meters in 100 meters per unit. The instrument displays the altitude gain in meters at the top and the current altitude in meters at the bottom.

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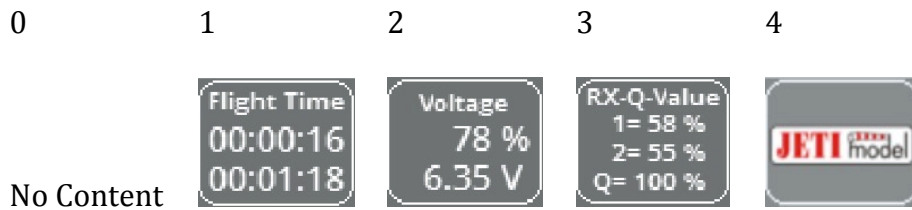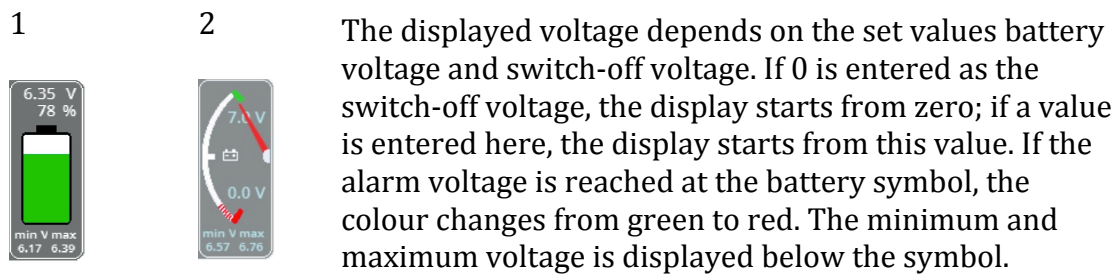### 3.17. Window 2 to 4

0   1   2   3   4

No Content

3.18. Window 5

1   2

The displayed voltage depends on the set values battery voltage and switch-off voltage. If 0 is entered as the switch-off voltage, the display starts from zero; if a value is entered here, the display starts from this value. If the alarm voltage is reached at the battery symbol, the colour changes from green to red. The minimum and maximum voltage is displayed below the symbol.

3.19. Delete Flight Time

Delete the total flight time. If the value is set to 1, the total flight time for the model is set to zero and the time calculation starts again from zero.

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4.   Disclaimer

- Never use Lua apps to control a function that could cause the model to crash if it fails !
- I do not assume any liability for the completeness or function of the instructions or the app. The use of the app is at the user's own risk.
- The app is tested without further activated apps. I do not guarantee that it will work with other apps.
- Always check the function of the app before using it, if you are not sure if everything works, don't activate the app.
- The app can be used and distributed free of charge.

Translated with www.DeepL.com/Translator (free version)