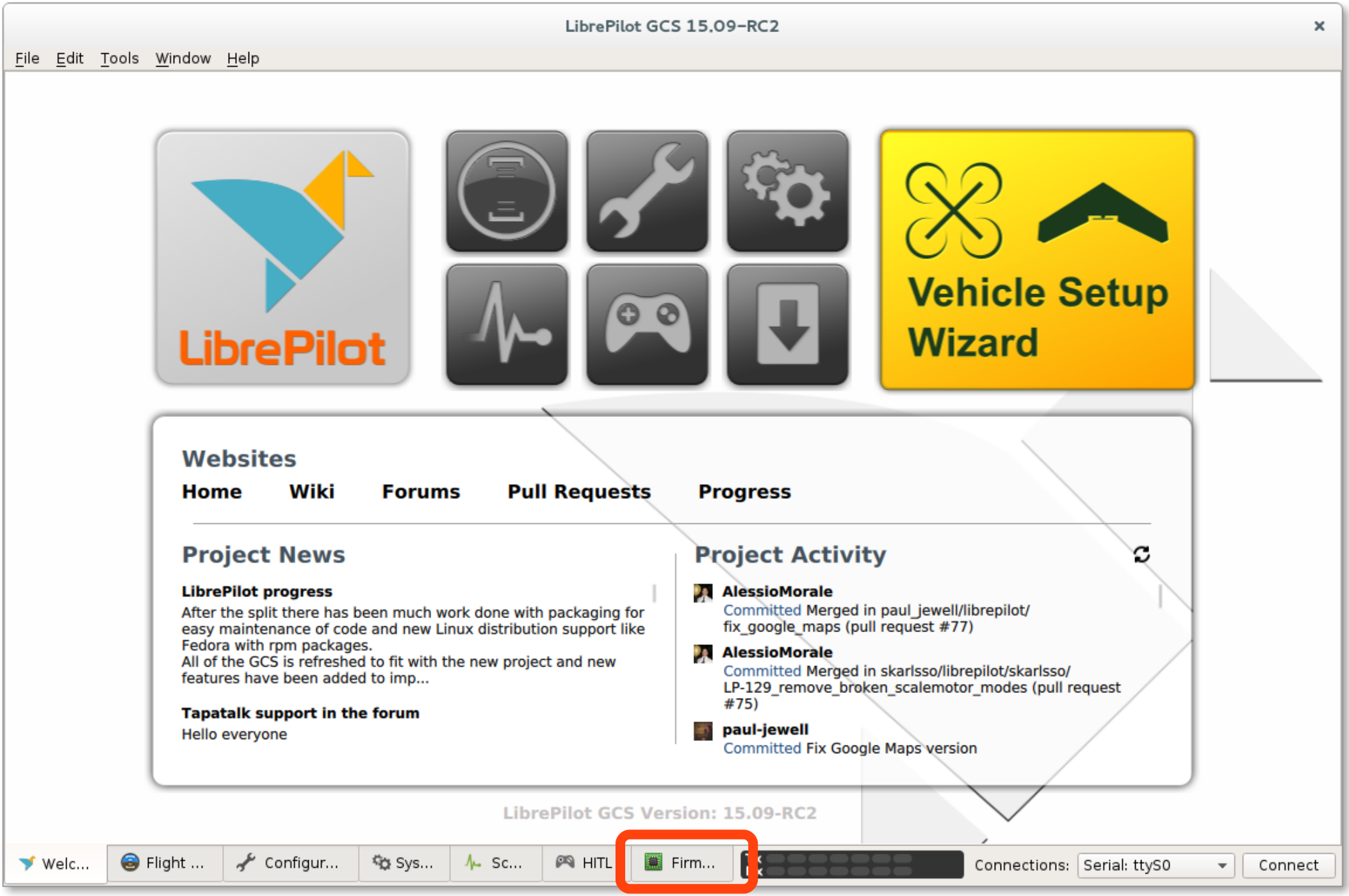
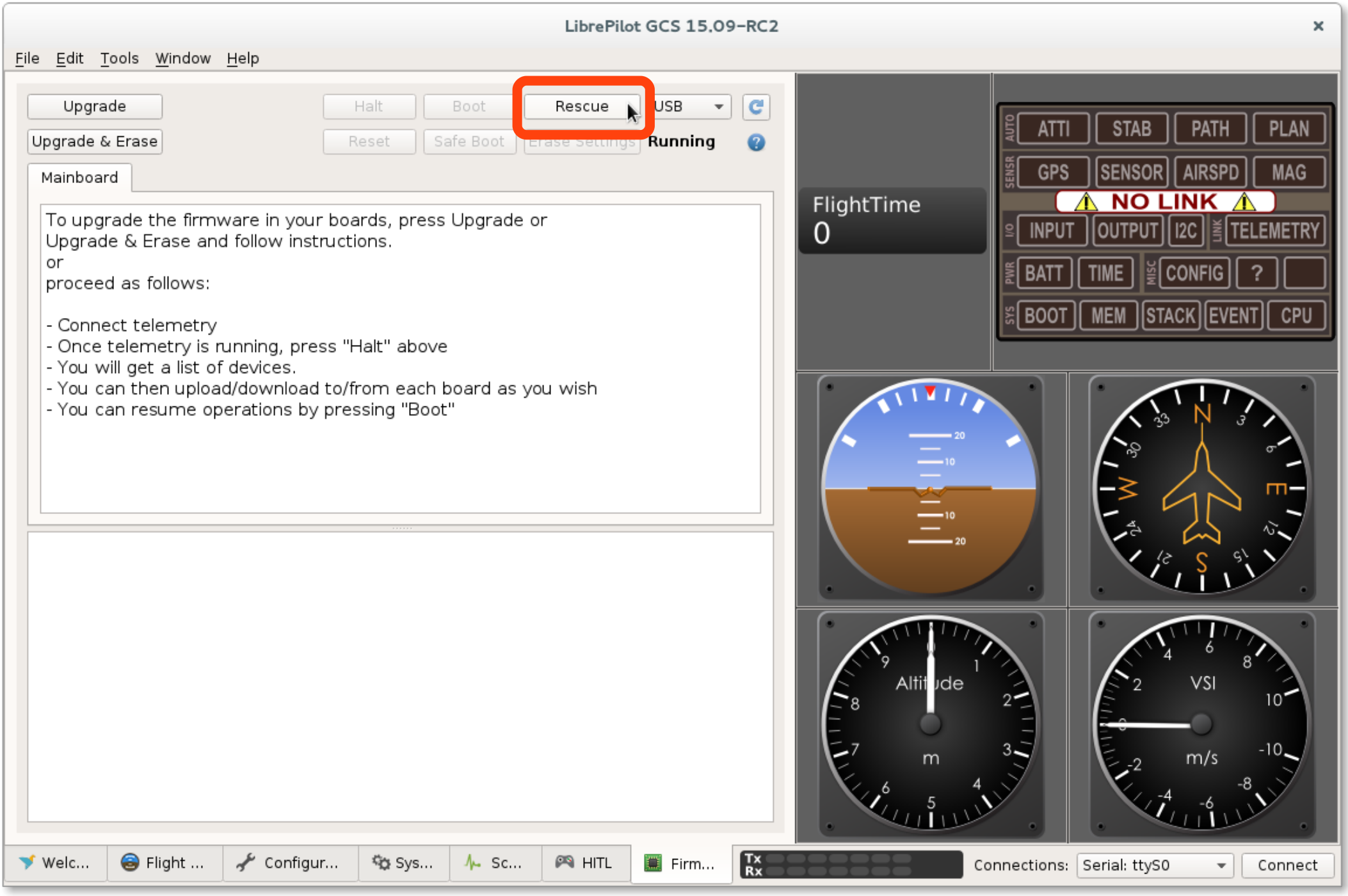
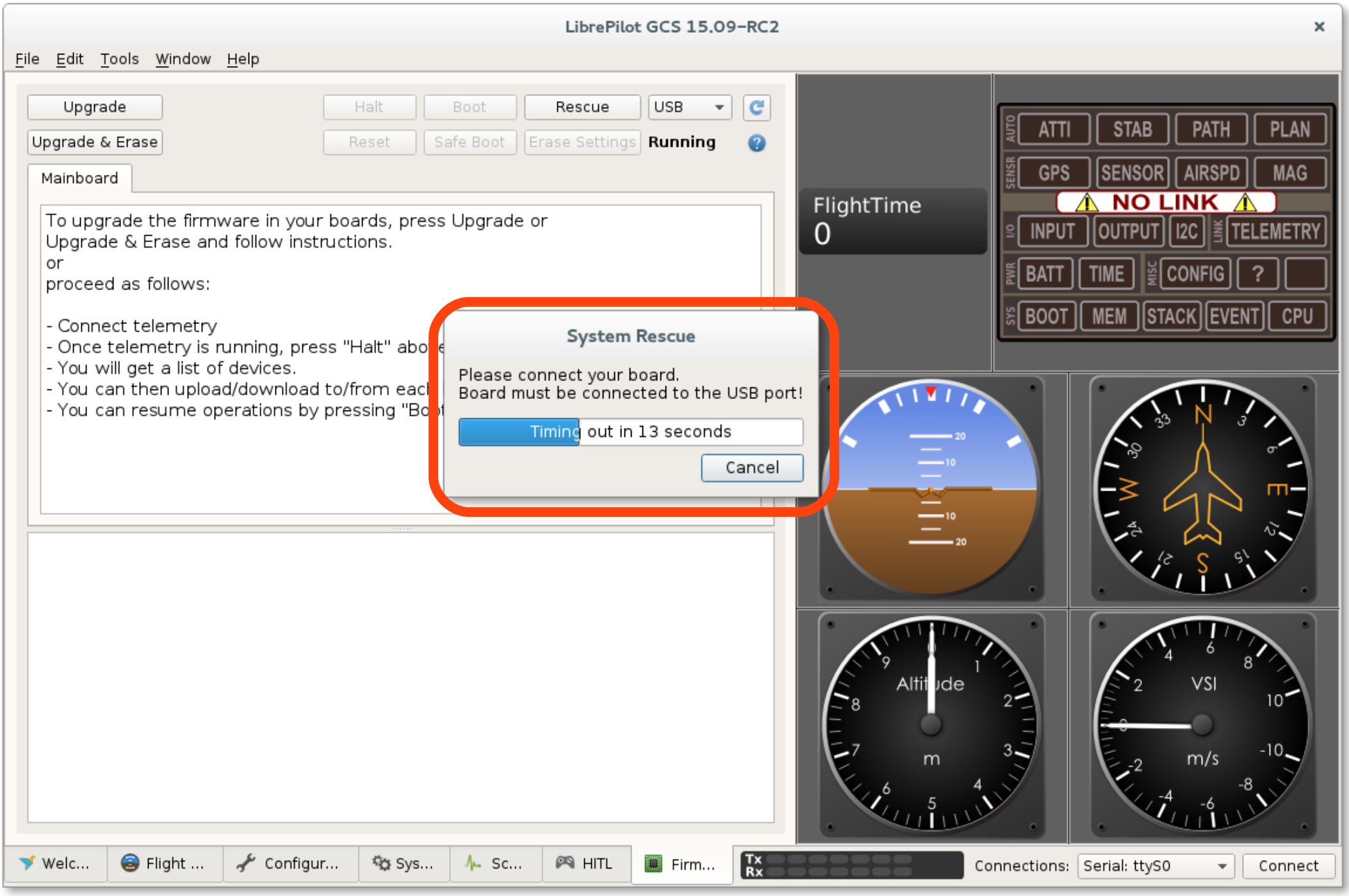
FIRMWARE RESCUE



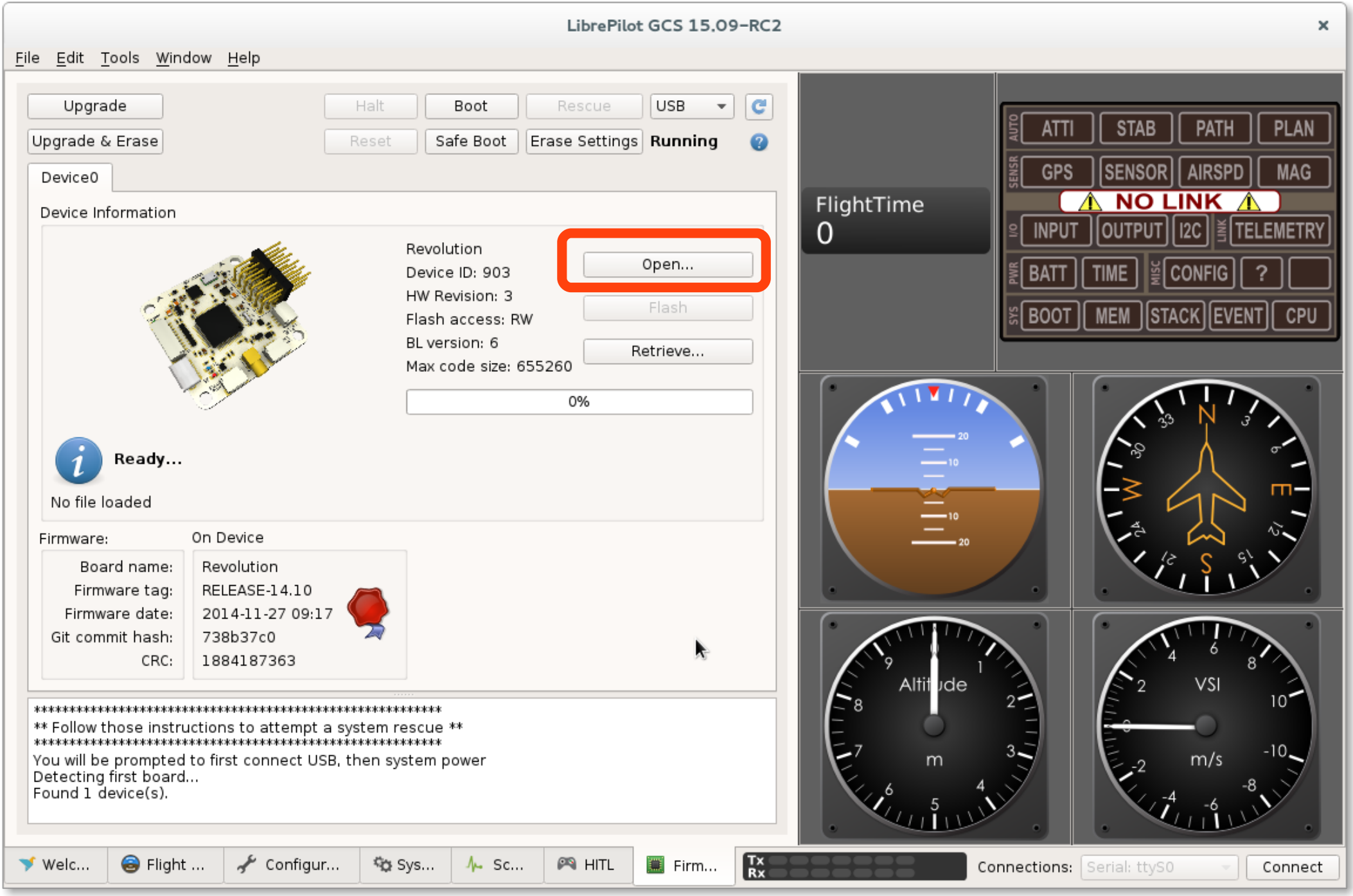
RESCUE


LibrePilot GCS 15.09-RC2
File Edit Tools Window Help
Upgrade
Upgrade & Erase
Halt
Boot
Rescue
USB
Reset
Safe Boot
Erase Settings
Running
Mainboard
To upgrade the firmware in your boards, press Upgrade or
Upgrade & Erase and follow instructions.
or
proceed as follows:
- Connect telemetry
- Once telemetry is running, press "Halt" above
- You will get a list of devices.
- You can then upload/download to/from each board as you wish
- You can resume operations by pressing "Boot"
FlightTime
0
ATTI STAB PATH PLAN
GPS SENSOR AIRSPD MAG
NO LINK
INPUT OUTPUT I2C TELEMETRY
BATT TIME CONFIG ?
BOOT MEM STACK EVENT CPU
Altitude
m
VSI
m/s
Welc...
Flight ...
Configur...
Sys...
Sc...
HITL
Firm...
Tx
Rx
Connections:
Serial: ttyS0
Connect

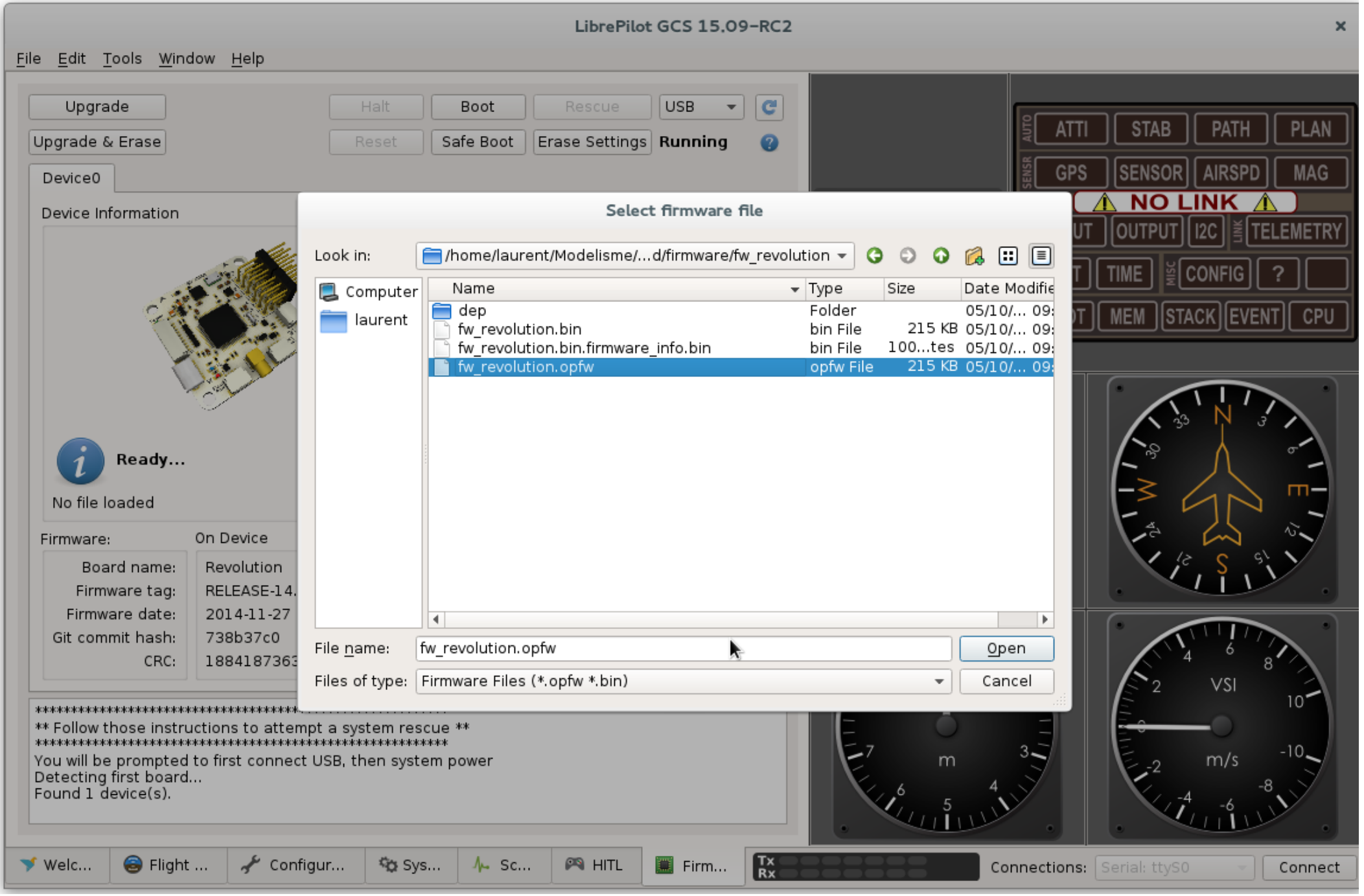
CONNECT BOARD



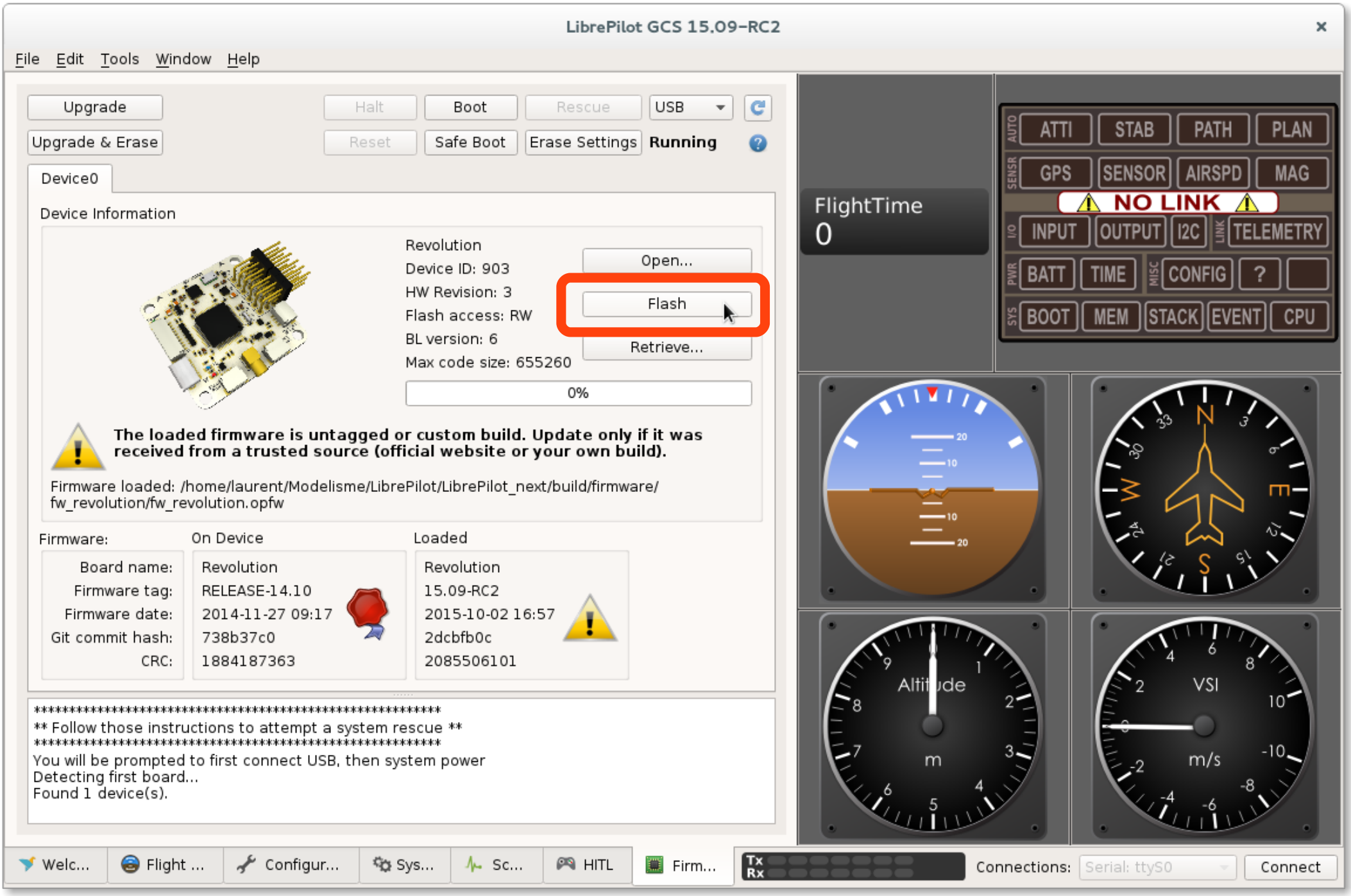
OPEN


LibrePilot GCS 15.09-RC2
File Edit Tools Window Help
Upgrade
Upgrade & Erase
Halt
Reset
Boot
Safe Boot
Rescue
Erase Settings
USB
Running
Device0
Device Information
Revolution
Device ID: 903
HW Revision: 3
Flash access: RW
BL version: 6
Max code size: 655260
Open...
Flash
Retrieve...
0%
Ready...
No file loaded
Firmware:
On Device
Board name:
Firmware tag:
Firmware date:
Git commit hash:
CRC:
Revolution
RELEASE-14.10
2014-11-27 09:17
738b37c0
1884187363
** Follow those instructions to attempt a system rescue **
You will be prompted to first connect USB, then system power
Detecting first board...
Found 1 device(s).
FlightTime
0
AUTO
ATTI
STAB
PATH
PLAN
SENSR
GPS
SENSOR
AIRSPD
MAG
NO LINK
I/O
INPUT
OUTPUT
I2C
LINK
TELEMETRY
PWR
BATT
TIME
MISC
CONFIG
?
SYS
BOOT
MEM
STACK
EVENT
CPU
Altitude
m
VSI
m/s
Welc...
Flight ...
Configur...
Sys...
Sc...
HITL
Firm...
Tx
Rx
Connections:
Serial: ttyS0
Connect

SELECT FIRMWARE FILE



FLASH


LibrePilot GCS 15.09-RC2
File Edit Tools Window Help
Upgrade
Upgrade & Erase
Halt
Reset
Boot
Safe Boot
Rescue
Erase Settings
USB
Running
Device0
Device Information
Revolution
Device ID: 903
HW Revision: 3
Flash access: RW
BL version: 6
Max code size: 655260
Open...
Flash
Retrieve...
0%
The loaded firmware is untagged or custom build. Update only if it was received from a trusted source (official website or your own build).
Firmware loaded: /home/laurent/Modelisme/LibrePilot/LibrePilot_next/build/firmware/fw_revolution/fw_revolution.opfw
Firmware:
On Device
Loaded
Board name: Revolution Revolution
Firmware tag: RELEASE-14.10 15.09-RC2
Firmware date: 2014-11-27 09:17 2015-10-02 16:57
Git commit hash: 738b37c0 2dcbfb0c
CRC: 1884187363 2085506101
** Follow those instructions to attempt a system rescue **
You will be prompted to first connect USB, then system power
Detecting first board...
Found 1 device(s).
FlightTime
0
AUTO ATTI STAB PATH PLAN
SENSR GPS SENSOR AIRSPD MAG
NO LINK
I/O INPUT OUTPUT I2C LINK TELEMETRY
PWR BATT TIME MISC CONFIG ?
SYS BOOT MEM STACK EVENT CPU
Altitude
m
VSI
m/s
Welc... Flight ... Configur... Sys... Sc... HITL Firm...
Tx Rx
Connections: Serial: ttyS0 Connect

WRITING...

LibrePilot GCS 15.09-RC2

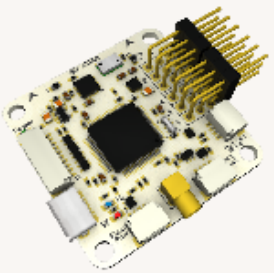
File Edit Tools Window Help

Upgrade | Halt | Boot | Rescue | USB

Upgrade & Erase | Reset | Safe Boot | Erase Settings | Running

Device0

Device Information



Revolution
Device ID: 903
HW Revision: 3
Flash access: RW
BL version: 6
Max code size: 655260

Open... | Flash | Retrieve...

40%

Uploading firmware

Firmware loaded: /home/laurent/Modelisme/LibrePilot/LibrePilot_next/build/firmware/fw_revolution/fw_revolution.opfw

Firmware:	On Device	Loaded
Board name:	Revolution	Revolution
Firmware tag:	RELEASE-14.10	15.09-RC2
Firmware date:	2014-11-27 09:17	2015-10-02 16:57
Git commit hash:	738b37c0	2dcbfb0c
CRC:	1884187363	2085506101

****
** Follow those instructions to attempt a system rescue **
****
You will be prompted to first connect USB, then system power
Detecting first board...
Found 1 device(s).

FlightTime
0

AUTO: ATTI STAB PATH PLAN
SENSR: GPS SENSOR AIRSPD MAG
NO LINK
I/O: INPUT OUTPUT I2C
LINK: TELEMETRY
PWR: BATT TIME
MISC: CONFIG ?
SYS: BOOT MEM STACK EVENT CPU

Welc... | Flight ... | Configur... | Sys... | Sc... | HITL | Firm...

Tx Rx

Connections: Serial: ttyS4 | Connect

FIRMWARE UPDATE COMPLETE

LibrePilot GCS 15.09-RC2

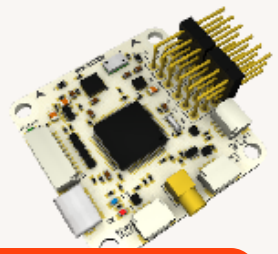
File Edit Tools Window Help

Upgrade | Halt | Boot | Rescue | USB

Upgrade & Erase | Reset | Safe Boot | Erase Settings | Running

Device0

Device Information



Revolution
Device ID: 903
HW Revision: 3
Flash access: RW
BL version: 6
Max code size: 655260

Open... | Flash | Retrieve...

100%

Upload successful

Firmware loaded: /home/laurent/Modelisme/LibrePilot/LibrePilot_next/build/firmware/fw_revolution/fw_revolution.opfw

Firmware:	On Device	Loaded
Board name:	Revolution	Revolution
Firmware tag:	15.09-RC2	15.09-RC2
Firmware date:	2015-10-02 16:57	2015-10-02 16:57
Git commit hash:	2dcbfb0c	2dcbfb0c
CRC:	1884187363	2085506101

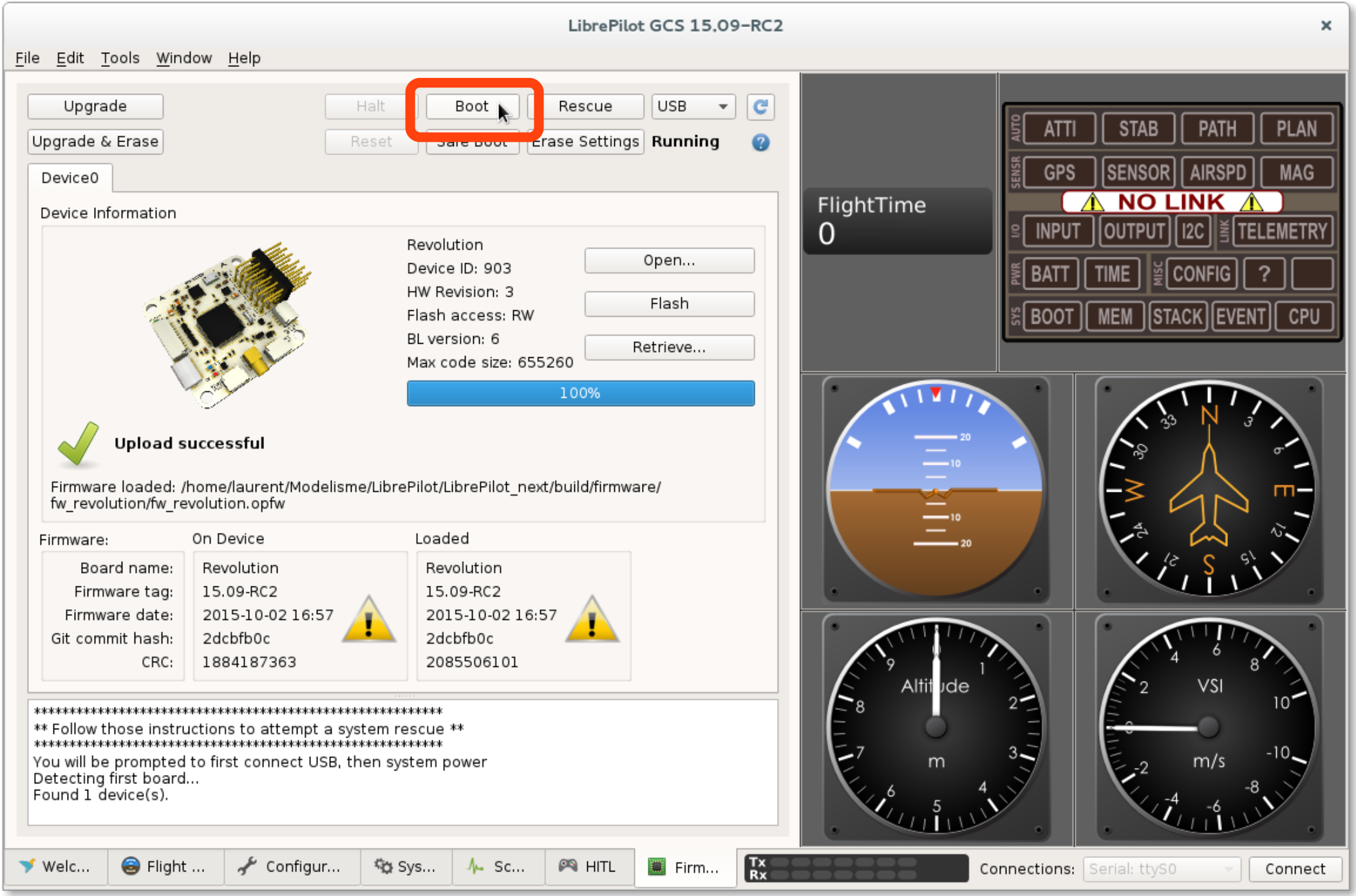
****
** Follow those instructions to attempt a system rescue **
****
You will be prompted to first connect USB, then system power
Detecting first board...
Found 1 device(s).

FlightTime
0

AUTO: ATTI STAB PATH PLAN
SENSR: GPS SENSOR AIRSPD MAG
NO LINK
I/O: INPUT OUTPUT I2C
LINK: TELEMETRY
PWR: BATT TIME
MISC: CONFIG ?
SYS: BOOT MEM STACK EVENT CPU

Welc... | Flight ... | Configur... | Sys... | Sc... | HITL | Firm... | Tx Rx | Connections: Serial: ttyS0 | Connect

BOOT


LibrePilot GCS 15.09-RC2
File Edit Tools Window Help
Upgrade
Upgrade & Erase
Halt
Reset
Boot
Safe Boot
Rescue
Erase Settings
USB
Running
Device0
Device Information
Revolution
Device ID: 903
HW Revision: 3
Flash access: RW
BL version: 6
Max code size: 655260
Open...
Flash
Retrieve...
100%
Upload successful
Firmware loaded: /home/laurent/Modelisme/LibrePilot/LibrePilot_next/build/firmware/fw_revolution/fw_revolution.opfw
Firmware:
On Device
Loaded
Board name: Revolution Revolution
Firmware tag: 15.09-RC2 15.09-RC2
Firmware date: 2015-10-02 16:57 2015-10-02 16:57
Git commit hash: 2dcbfb0c 2dcbfb0c
CRC: 1884187363 2085506101
** Follow those instructions to attempt a system rescue **
You will be prompted to first connect USB, then system power
Detecting first board...
Found 1 device(s).
FlightTime
0
ATTI STAB PATH PLAN
GPS SENSOR AIRSPD MAG
NO LINK
INPUT OUTPUT I2C TELEMETRY
BATT TIME CONFIG ?
BOOT MEM STACK EVENT CPU
Altitude
m
VSI
m/s
Welc... Flight ... Configur... Sys... Sc... HITL Firm...
Tx Rx
Connections: Serial: ttyS0
Connect

BOARD CONNECTED AND RUNNING

LibrePilot GCS 15.09-RC2

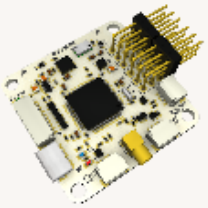
File Edit Tools Window Help

Upgrade | Halt | Boot | Rescue | USB

Upgrade & Erase | Reset | Safe Boot | Erase Settings | Running

Connected Device

Device Information



Revolution
Device ID: 903
HW Revision: 3
BL version: 6
CPU Serial: 1c002e001847333132343138

Firmware Information

Firmware tag: 15.09-RC2
Firmware date: 2015-10-02 16:57
Git commit hash: 2dcbfb0c
Firmware CRC: 0

Attempting to boot the system through USB.
Booting system...
You can now reconnect telemetry...

FlightTime
12

AUTO: ATTI STAB PATH PLAN
SENSR: GPS SENSOR AIRSPD MAG
SYSTEM HEALTH
INPUT OUTPUT I2C LINK TELEMETRY
BATT TIME MISC CONFIG ?
SYS: BOOT MEM STACK EVENT CPU

Welc... | Flight ... | Configur... | Sys... | Sc... | HITL | Firm...

Tx 24
Rx 1820

Connections: USB: Revolution | Disconnect