



Installation Roadmap

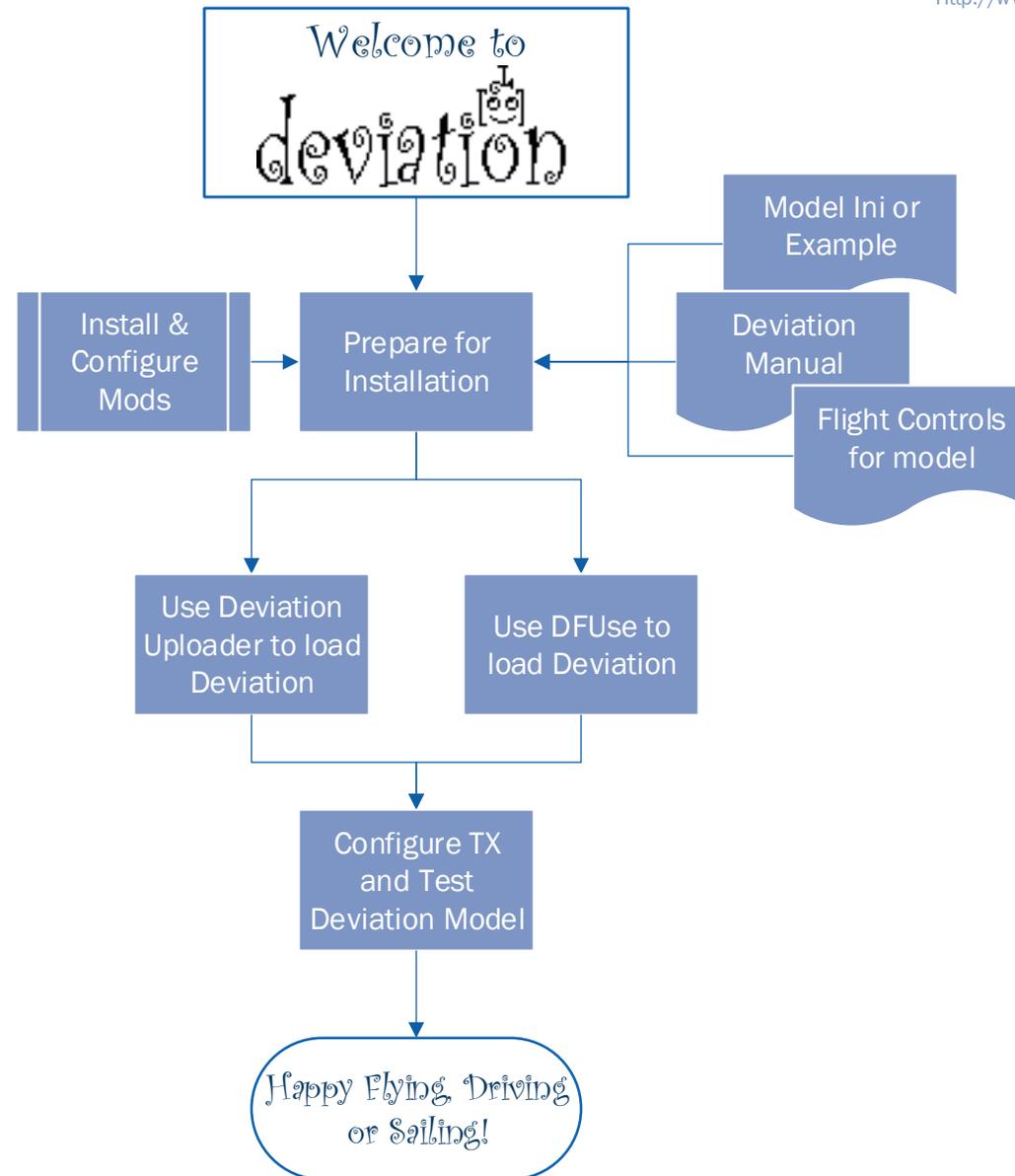
Welcome to Deviation!

Deviation is a replacement firmware designed primarily for the Walkera Devo® series RC Transmitters. While Deviation is heavily influenced both by the Walkera DEVO8 firmware as well as by the Flysky/ Turnigy based ER9X firmware, it has been written completely from scratch to be easily portable and extensible.

This roadmap is intended to help the hobbyist who wants to install and enjoy the Deviation firmware. However it doesn't replace the manual or the experience of other users of this community. Read the forum notes, and ask questions!

Installation is pretty easy...just follow this map...

Deal57 2017-08 .1





Installation Roadmap

Lets get started!

1. First time loading onto this TX? If so, go to next step
If not, make a backup of your models before you begin!

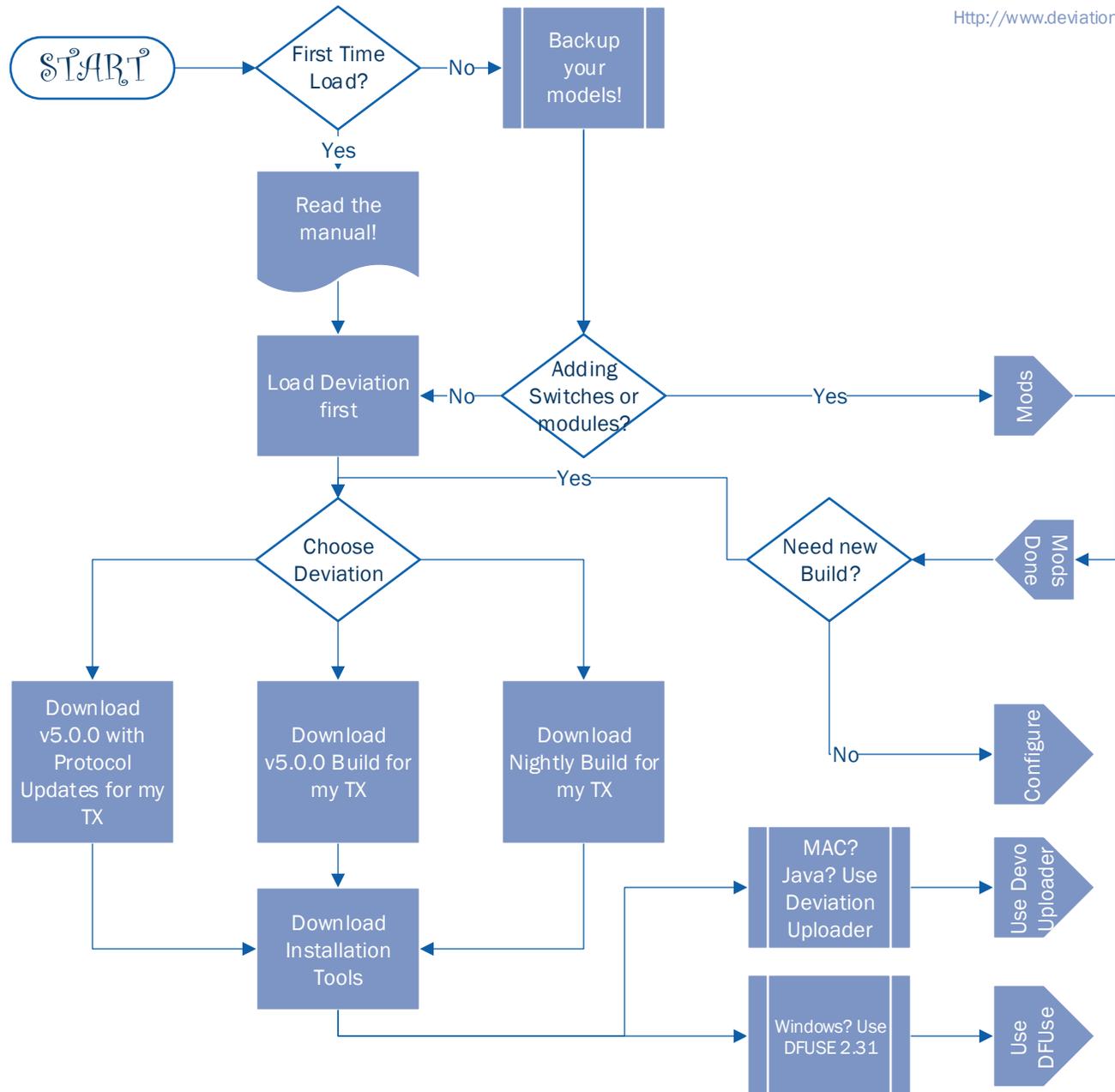
2. Read the manual (ok, and this guide might help, too)

3. Load the new Deviation before making hardware mods to ensure that the TX is working correctly.

4. Choose your Deviation version. Most people choose version 5.0.0, but other versions are available... see the forums.

5. Download the installation tools: Most people use the DFUSE 2.31 tool from Walkera. Otherwise, the Deviation Uploader tool runs under Java.

Deal57 2017-08 .1



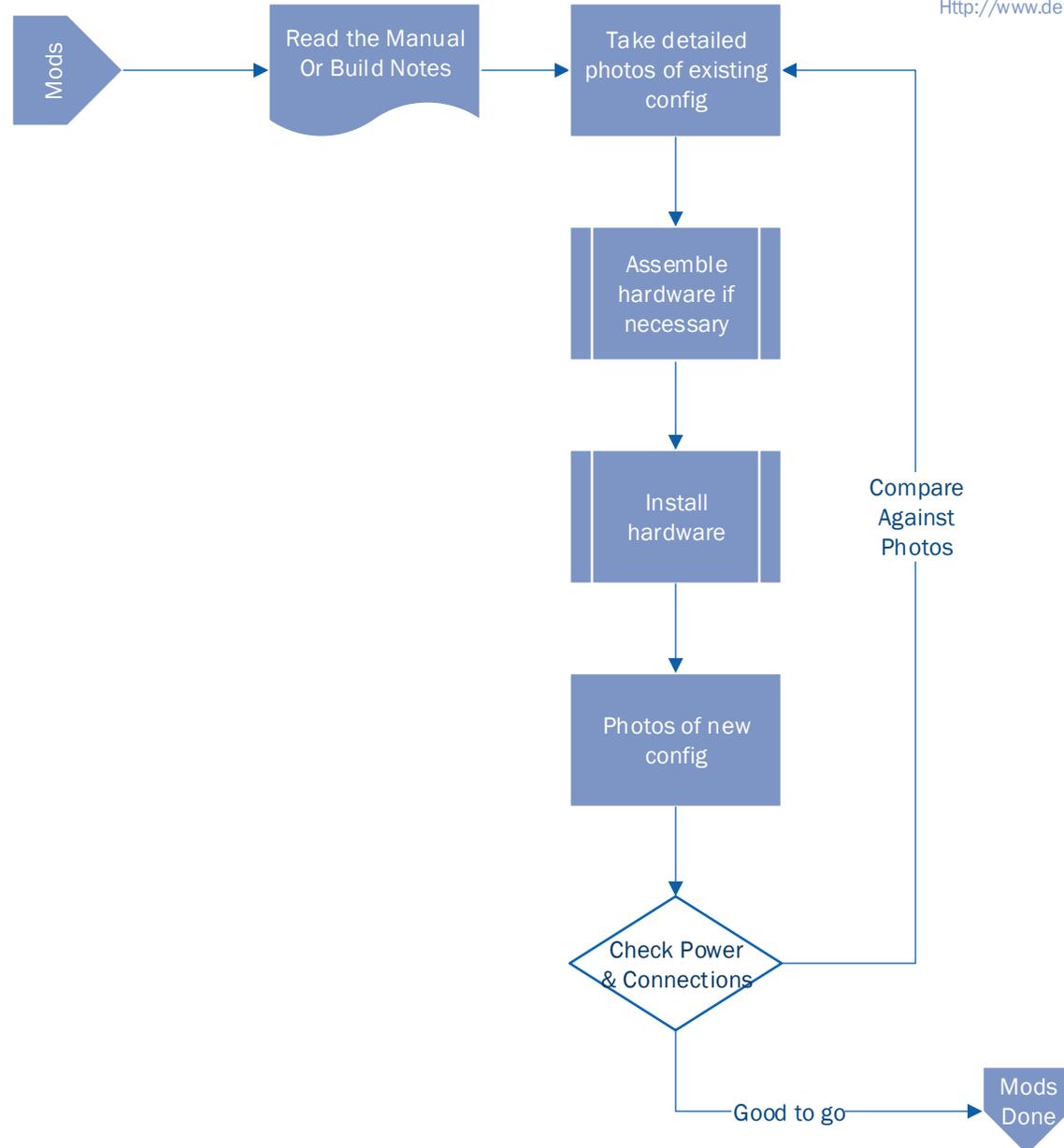


Installation Roadmap

Adding switches? TX Modules?
Voice Alerts? LEDS?

1. Get a copy of the build notes or manuals... techniques vary, so be prepared to see different approaches.
2. Take photos before and after installing the mods... you'll thank me later.
3. Assemble and test the hardware, This can be harder than it seems, or not... ask questions in the forums, and take photos!
4. Review the new configuration against the plan... all good?
5. Power it up, Deviation may not see the mod until you make changes to the Hardware.ini file

Deal57 2017-08 .1





Installation Roadmap

Going Old School with DFUse 2.31:

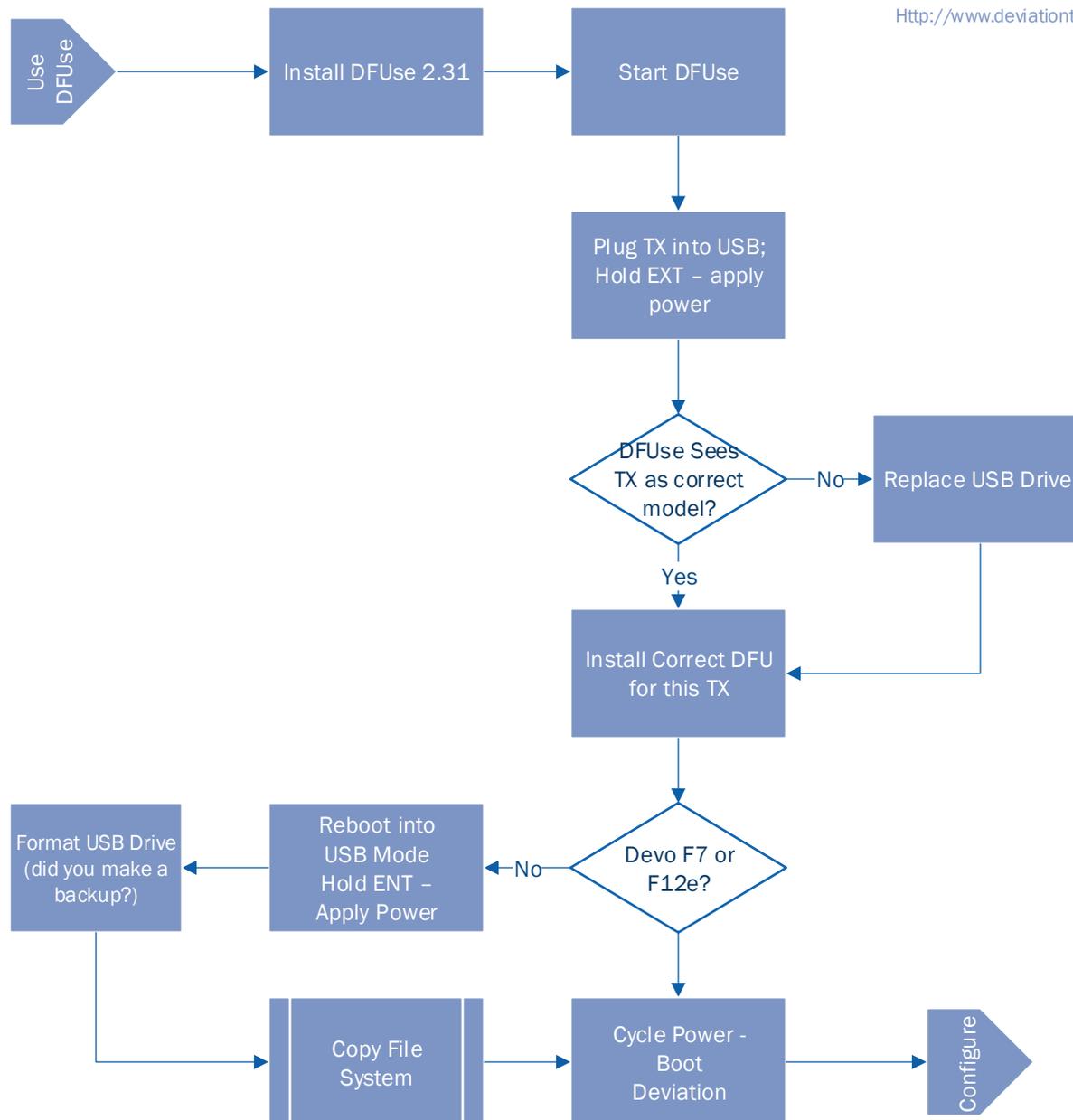
1. Install DFUse 2.31 (Windows). You can download it from the DeviationTX.com downloads section

2. Plug in your transmitter USB cable, For DFU installation, press and hold the EXT button while powering on the TX.

3. If DFUse sees the transmitter, you're good to go! Sometimes it doesn't work:
* Replace your USB cable
* Listen for the PC tones when you power up the TX; if they aren't there, you may have a driver issue.
* Search the forums for your symptoms.

4. Follow the installation guide for your TX (Deviation Manual, chapter 2)

Deal57 2017-08 .1





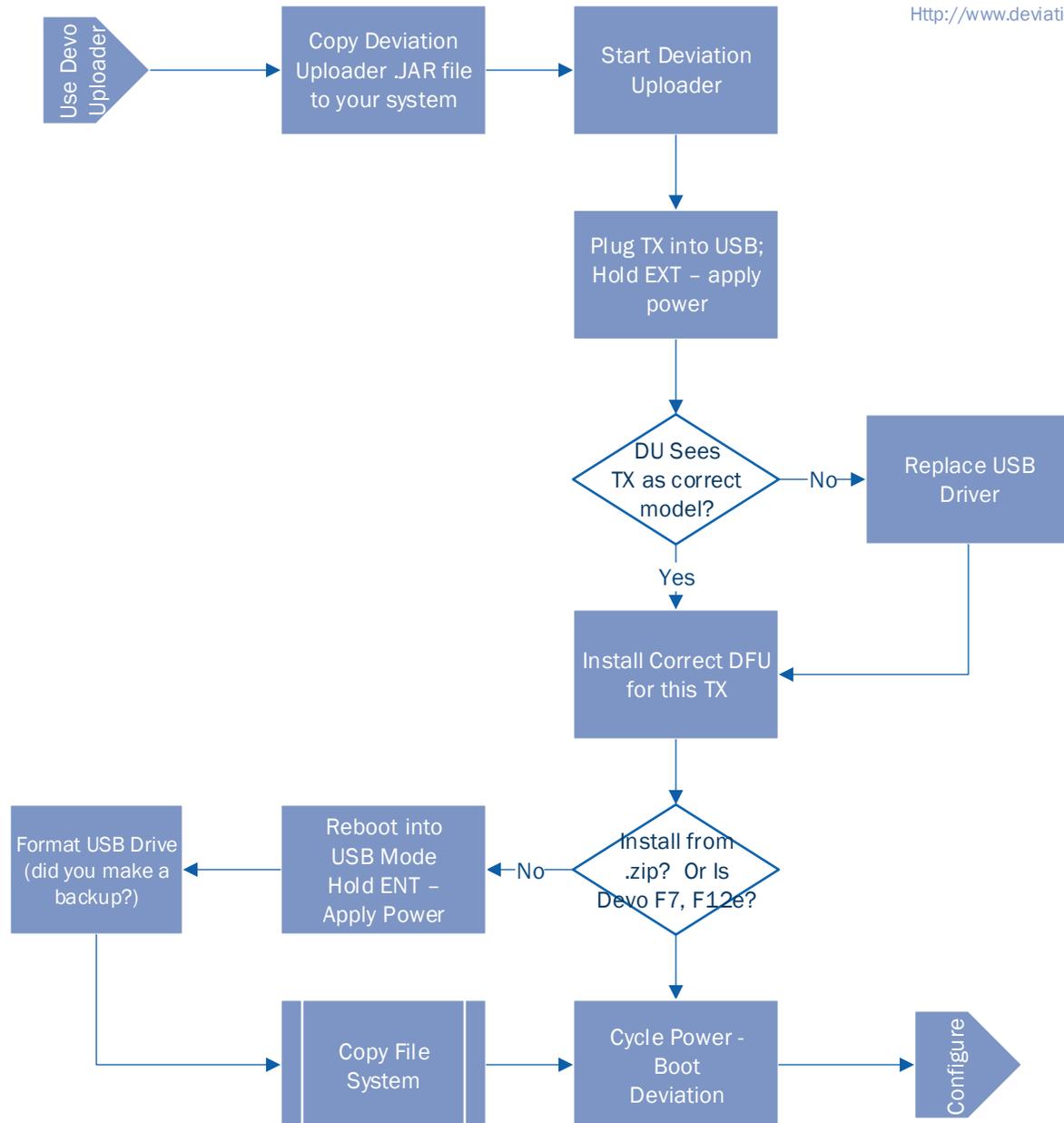
Installation Roadmap

Deviation Uploader – Windows, Mac and Linux:

Note this requires Java. At this time the Uploader does not work with the Devo 12e (it DOES work with the F12e, 12s and others).

1. Plug your TX into the USB port and start the Deviation Uploader.
2. Press and hold the EXT button while you power up the TX. If Deviation Uploader sees the transmitter, you're good to go!
3. Upload the DFU and file system. If you install the .ZIP file you don't need to upload the file system.
4. Use File Manager in the Deviation Uploader to manage any file changes.

Deal57 2017-08 .1





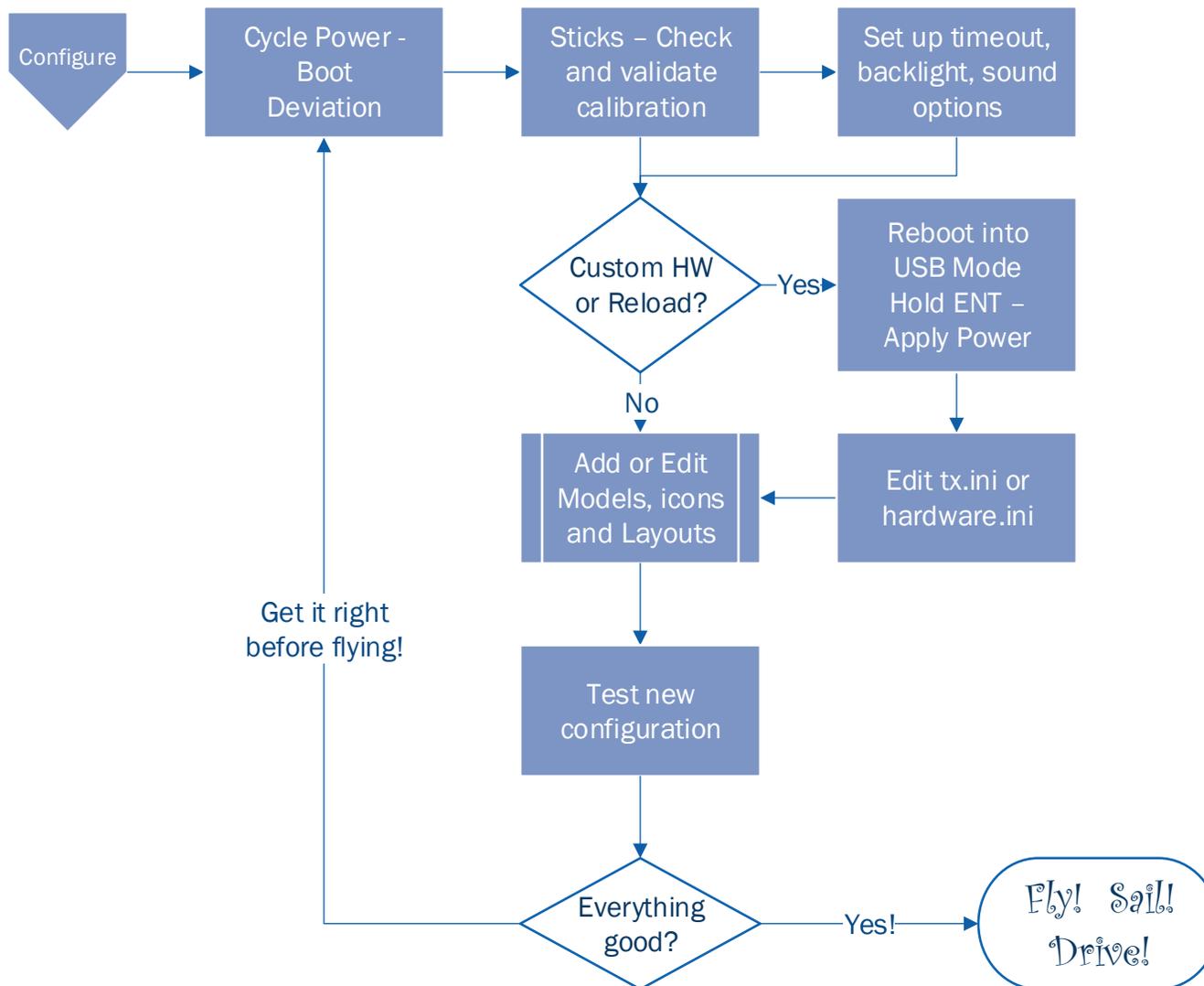
Installation Roadmap

Transmitter Configuration

1. Power on and see the DeviationTX logo? You're almost done!
2. Calibrate your sticks!!!
3. While in TX configuration, update timeouts, alarms, backlights, beeps and voice settings.
4. If you have additional models, icons, custom layouts or other changes, use the correct tool to make the changes (e.g. USB mode for most models, Deviation Uploader for F7/F12e)
5. Cycle the power and review your models. If everything is good, then...

Welcome to Deviation!

Deal57 2017-08 .1





Installation Roadmap

Visit DeviationTX.Com!

This guide is not intended to replace the Deviation User Manual. PLEASE read the User Manual.

If you are new to Deviation, first you need to read the Getting Started guide!

We would like to thank all of the contributors who have helped with the development of new protocols, features, testing of capabilities, reporting of bugs, translations, and documentation.

Deal57 2017-08 .1

Disclaimer:

Deviation is experimental software. There are no guarantees made or implied about the quality or reliability of this software. RC models can cause serious injury or even death if flown improperly. By deciding to use the Deviation software, you are taking sole responsibility for the control of your models. The authors of Deviation will not be held responsible for any injury or damage whatsoever caused by the use of the Deviation firmware. Be careful and cautious.

Notices:

Deviation is an independent work. The Deviation project is not affiliated, supported or acknowledged by Walkera®. The authors have never been in contact with Walkera nor do they know of Walkera's stance on this project. The Deviation team provides no guarantee that the Deviation firmware will not harm your transmitter (although this should not be possible). There is also no guarantee that Walkera® will not make changes to future versions of the hardware, firmware of Dfuse tool which would make it incompatible with Deviation.

Legal status and copyright

This project is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version. You should have received a copy of the GNU General Public License along with Deviation. If not, see www.gnu.org/licenses.

Deviation is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

The Deviation Project is hosted at www.deviationtx.com and the Source are available at <https://github.com/DeviationTX/deviation>.