

Errata

Hardware

1. Using the On-Board Battery, metal casing shorts out against PCB

Date: August 07, Found on SN #211

Problem: When using the On-Board battery clips. The metal casing of the battery will short out the thru hole solder connections and prevent the unit from working correctly.

Implication: Unit may not power on, arm or fail during flight due to an electrical short.

Workaround: If using the On-Board battery option is required, add a sufficient electrical insulation layer between the battery and the PCB.

Status: No fix planned.

2. Using the On-Board Battery, metal casing shorts out against PCB

Date: August 07, Found on SN #

Problem: When using the On-Board On/Off switch. The small size of the switch may limit current flow from the power source to the unit.

Implication: Unit may not power on, arm or fail during flight due to insufficient current.

Workaround: Do not use the On-Board power switch when ever possible.

Status: No fix planned.

Software

3. Application Error, program ends

Date: July 07,

SW version: NControl 1.40-01

OS Version: Windows® XP, SP2,

Problem: The program will occasionally experience an error and halt if the States, Channels or Checks dialog box is moved by a mouse drag n drop.

Implication: Users may not be able to move the dialog box from the default position.

Workaround: Do not move the dialog box unnecessarily

Status: No fix planned.

4. Unable to verify new flight profile upload with the "Get Control" command

Date: July 07,

SW version: NControl 1.40-01

OS Version: Windows® XP, SP2,

Problem: The program will occasionally experience an error and halt if the States, Channels or Checks dialog box is moved by a mouse drag n drop.

Implication: Users may not be able to move the dialog box from the default position.

Workaround: Do not move the dialog box unnecessarily

Status: No fix planned.

Note: I have had the Get Control command work after the unit has flown.

5. USB to Serial Adapters not able to connect with the Mission Control Flight Controller

Date: April 2008,

SW version: Mission Control 1.0.1

OS Version: Windows® XP, SP2,

Problem: When using a USB to DB9 Serial adapter, the unit will not connect to upload, download or test the flight controller. Most newer laptops and MACs do not include a DB9 serial adapter.

Implication: Users may not be able to program the unit without a DB9 serial adapter.

Workaround: Upgrade to Mission Control v 1.0.5 application

Status: Fixed with Mission Control v 1.0.5

Note: Tested USB to Serial adapters include Belkin, IO Gear GUC232A, KeySpan USA-19W and TRENDnet TU-S9