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## SB15 ALTA FLIGHT CONTROL FIRMWARE DEFAULT SETTINGS BUG

Date Released: 31-August-2016

Subject: ALTA Flight Controller Firmware Bug Related to Loading the Default Configuration in the ALTA App

Effectivity: All ALTA6 and ALTA8, all Firmware Versions 3.8.2 and prior

Require Action: Reboot ALTA after applying Default Configuration

### INTRODUCTION

This Service Bulletin (SB) is being issued to advise all ALTA owners of a safety-related firmware error that can occur after loading the preset Default Configuration in the ALTA App.

This SB is being issued to all ALTA owners and applies to all Flight Control Firmware versions 3.8.2 and prior.

### DISCUSSION

When using the ALTA App to load the Default Configuration flight settings, several parameters in the flight control algorithm will not be initialized properly unless additional action is taken. If the ALTA is flown immediately after loading the Default Configuration through the App (prior to rebooting), an unsafe condition may occur where the pilot is unable to maintain control in Position Mode. This could also affect yaw control in Manual Mode.

This bug can only occur when loading the Default Configuration and is resolved by rebooting the ALTA after loading the Default Configuration prior to your next flight.

This bug does not occur when using the App to load custom configurations or perform normal tuning of individual flight parameters.

### RECOMMENDATIONS

If settings are to be reset to the Default Configuration, reboot the ALTA after applying the default config as follows to ensure all parameters are saved and initialized properly:

1. Connect to the ALTA using the App
2. Navigate the ALTA App to *Monitor* -> *Open Terminal* -> *Default Config*
3. Apply the Default Configuration
4. While in the Terminal, select *Reboot Controller*
5. Allow the ALTA to reboot in order to save and initialize all flight control parameters

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