



Release Notes

EVO3x Flight Application

New Version: 1.7.5 and 1.7.5i

Previous Version: 1.7.4 and 1.7.4i

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<u>Approved by</u>	<u>Title</u>
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Features Added

- **Waypoint Altitude and Location Adjustment:**
 - **Setup:** User can now select the option “Edit Waypoints” after tapping on the mission area. The option will allow dragging the waypoint location or tapping a waypoint to change its altitude using a slider
 - **Value:** When terrain elevation changes and DEM data does not reflect that, user can change flight altitude of a specific point to account for that change.
- **KML file import:**
 - **Setup:** User can now import KML files from Google Earth (file type must be .kml). The option will allow the user to put a KML file on a thumb-drive, connect the thumb-drive to the tablet using the telemetry radio cable adapter, and import that file via the mission board in the app. The file will be editable after import.
 - **Value:** User can populate a mission area based on the exact area requested by their customer. No need to track the outline anymore and waste valuable time.
- **Center Throttle:**
 - **Setup:** The system will now alert the user if the throttle is not centered via the “System Checks” dialog before takeoff
 - **Value:** Prevent unexpected drone maneuver in case of switching to manual in during flight. Now the drone will maintain altitude and position as the throttle is centered.
- **Imperial Units of Measure:**
 - **Setup:** User can now go to “Settings” option in the side menu bar and switch from metric to imperial units
 - **Value:** User can use their system of measure of their choice to avoid confusion and mid-air calculations
- **Custom altitude edit settings:**
 - **Setup:** User can now set any altitude within the specified ranges by using a slider on the “Mission Settings” dialog.
 - **Value:** More refine steps for altitude adjustment to obtain the desired GSD more closely

Fixes

- **Improved Mission Stats Accuracy**
 - **Value:** User can now obtain more accurate estimates on mission stats before execution
- **Improved app stability and UI**



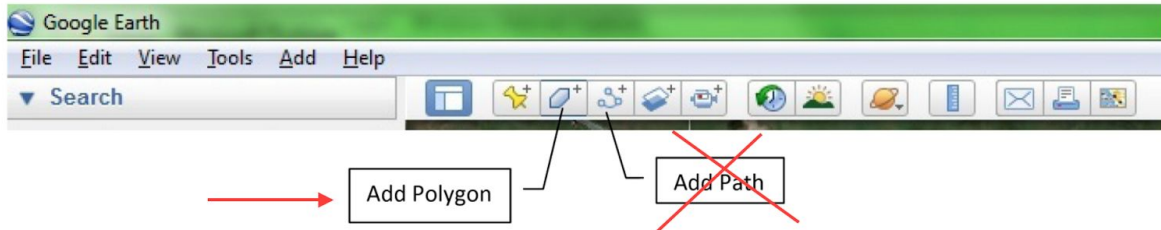
Known Issues

- When connecting a usb drive for importing waypoint/KML missions to the app, the tablet will automatically open the file manager app. User has to go back to the app and tap the 'Import mission' button.
- There is no option to set the RTL altitude for imported missions. App will default to 100 meters.
- Importing missions with drone speed greater than 10 m/s is not supported and the mission will use the default of 5 m/s.


Appendix

Instructions for using KML Import:

- In the current phase of this feature, the **only** KML file that is readable by the app is a KML file generated by a polygon:



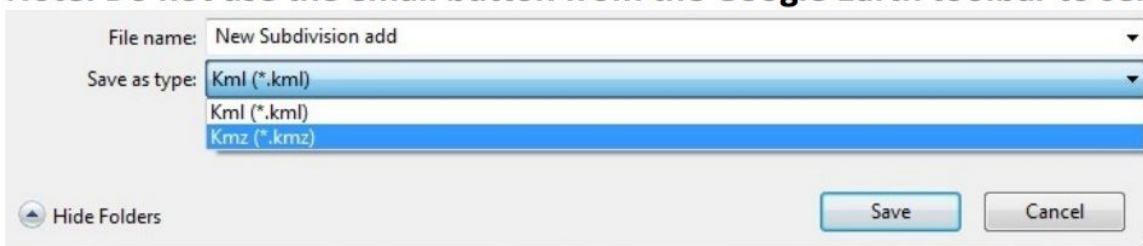
To Add Polygon

1. Click the Add Polygon button . A dialog box will open asking you to name your polygon. You can also change the Style, Color. ***DO NOT CLICK "OK" yet**





To Export File:



1. Right click on your polygon illustration on the map or polygon file in the Places Panel and select *Save Place As* option
2. In the dialog box that opens, select the folder to where you want to save your file on your computer. From the *Save As Type* dropdown select .kml.
3. Copy file into a thumb-drive
4. Connect tablet to thumb-drive
5. Tap import file and select the desired file
6. A polygon with a mission will be populated
7. Edit mission settings as you wish