



STAGE I FPV TROUBLESHOOTING

PROBLEM	REASON	SOLUTION
Drone flips on take off?	Propeller direction is very important and will cause the drone to flip over	Verify propeller direction 
Drone drifts to one direction?	Moving air? Hair in motors? If not, sensors may need to be calibrated	Perform drift/trim calibration
Battery does not fit into battery tray?	Wrinkled sticker? If not, puffy or a deformed battery	Follow battery disposal guidelines
Drone does not respond to controller, showing a red LED indicator?	Throttle is not in the lowest position	Lower throttle to lowest position before arming or binding
Rogue drone or drone stuck to ceiling or wall?	Motors continue to spin despite collision	Disarm motors, its ok to disarm motors mid flight for problems.
Drone autolandng?	Low battery mode, indicated by blinking lights	Land and replace batteries
FPV goggles not working on R band?	LED colors match? Channels are color coordinated.	Long press band until LED on antenna turns red, then short press until the correct color
Only able to see up with the camera view?	The camera angle is tilted so that when the drone is moving forward the camera angle is flat.	Ensure to pitch the drone forward while applying throttle
Excessive static or no video from FPV camera?	Channel bleed, channel assignments and interference from other devices can cause static.	Change channel on drone through OSD and on goggles by short pressing channel select to test another channel
Shaky video signal or drone?	Missing screws can cause a wobble in the video signal.	Inspect and replace any missing or loosened screws
No video signal from any drone?	Drones come preset to A band, channel 3.	Change the channel on the goggles to band A channel 3 using the band/channel select button. Video should be displayed.