

Jet_Flyer
Registered User



Thread OP

United States
Joined May 2004
13,627 Posts

ETHOS Emergency Mode

ETHOS radios have way to recover from operating system errors that should seldom if ever occur, called Emergency Mode. If a fatal operating system error occurs, rather than just stopping operation, ETHOS switches to Emergency Mode so that flight operation can be continued. ETHOS detects fatal errors by using a WDT (watchdog timer) that ETHOS keeps resetting on a high rep rate. If a fatal error occurs the WDT does not get reset and Emergency Mode is triggered.

The following are the active and inactive functions during Emergency Mode:

Active Functions

1. Flight controls, sticks, switches, buttons, sliders and pots.
2. RF output
3. Model programming, flight modes, logic switches, vars, rates, expo, mixes, etc.
4. Power switch

Inactive Functions

1. No SD or storage
2. Screen displays (other than displaying Emergency Mode)
3. Audio
4. Haptic
5. Telemetry
6. Bluetooth
7. Data logging

Mike

Last edited by Jet_Flyer; Yesterday at 02:10 PM.

 Quote

