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Alert Service Bulletin

Title: Loss of Video Link During Flight — Recovery Procedure

Date: April 2026

Category: Software / Communications

Summary:

FlightWave has identified a condition in which the video downlink from the Edge 130 air vehicle may be lost during flight and not automatically re-establish.

While command and control (C2) and telemetry links may remain active, loss of video significantly degrades operator situational awareness, particularly during mission execution, inspection tasks, or landing operations. Depending on the mission type, operators may elect to continue pre-programmed missions for data collection without the video stream to the controller; imagery and video stored on the payload are not affected by this condition.

This bulletin provides required operator actions and recovery procedures to safely mitigate the condition and restore full system functionality.

Affected Units:

This bulletin applies to:

- All Edge 130 air vehicles
- All Ground Control Station (GCS) configurations
- All Overwatch payload configurations

This condition may occur regardless of mission type or operating environment.

Operational Impact:

During flight operations, the video feed from the aircraft may drop unexpectedly and fail to reconnect, even though:

- The aircraft remains responsive to control inputs
- Telemetry data continues to be received by the GCS

This indicates a loss of the video transmission link only, not a complete communications failure.
At this time, the video link will not recover in-flight without intervention.

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Recovery Procedure:

Perform the following steps to restore video functionality:

Step 1 — Initiate Return-To-Launch (RTL)

- On the Ground Control Station (GCS), **select the RTL (Return-To-Launch) command** from the flight mode or action menu.
- Confirm the command has been accepted and the aircraft begins navigating to the **original launch location**.
- Allow the aircraft to land and **disarm.**

Step 2 — Power Down Aircraft

- Remove (pull) the aircraft battery to fully power cycle the system.

Step 3 — Reinitialize System

- Reinsert the battery into the aircraft.
- Allow the system to boot and reconnect to the GCS.

Step 4 — Verify Connection

- Confirm:
  - Telemetry link is active
  - Video feed is restored on the GCS

Step 5 — Resume Operations

- Once video is confirmed operational, the operator may:
  - Reload the mission (if applicable)
  - Resume flight operations

Overview of Known Behavior:

Subsystem	Item	Description	Operational Impact	Workaround / Status	Severity
Communications	Video Link Loss (No Recovery)	Video feed may drop during flight and fail to re-establish without reboot.	Loss of visual awareness; increased operational risk.	Initiate RTL, land aircraft, power cycle via battery removal, then re-launch.	**Medium**

Severity Legend

Severity	Description
Low	No impact to flight safety or command and control
Medium	May affect mission execution or operator workload
Critical	Direct impact to operational safety or mission capability

Workaround Status:

This condition is currently under investigation by FlightWave Engineering.
A software update is planned to address automatic video reconnection behavior.
Estimated correction timeline will be communicated in a future release or service bulletin.

Support & Escalation:

If this issue occurs repeatedly or outside the conditions described:
Contact FlightWave Support with the following:

- Aircraft serial number
- Mission type and payload configuration
- Telemetry logs (if available)
- Description of when the video loss occurred

Email: support@flightwave.aero
Website: www.flightwave.aero

Closing Statement:

FlightWave is committed to ensuring reliable communication and mission effectiveness across all Edge 130 operations.

Until a permanent resolution is deployed, strict adherence to this recovery procedure is required to maintain safe and effective flight operations.

FlightWave Aerospace Systems
Red Cat Holdings
Designed, Assembled, and Supported in the United States

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