



FoxFlight

Aerial and autonomous systems concepts

AUTONOMY

CONCEPT

Product Overview

Mission

FoxFlight studies aerial and autonomous system interfaces with human override as a first-class requirement — not a marketing afterthought.

What it is

Concept line only. Not certified avionics. Focused on mission concepts, telemetry boundaries, and command authenticity.

Core Capabilities

- Mission concept models
- Telemetry boundary design
- Override channel patterns
- Simulation-first experimentation

Use Cases

- Mission sandboxes
- Telemetry boundary workshops
- Override tabletop drills

Technology

Architecture

Mission planning concepts feed telemetry channels that are deliberately bounded. Override channels are designed before autonomy expands.

Security Posture

No unauthenticated vehicle control surfaces. Command authenticity is non-negotiable even in simulation.

Ecosystem & Roadmap

Declared Relations

- FoxFlight USES foxlink

Open Research Question

How do we simulate autonomy stacks safely without implying flight certification?

Roadmap

Remain concept/research until regulatory and safety evidence exists.

Status: FoxFlight is labelled "concept" in the FoxHeight Continuum product registry. This label reflects verified implementation state, not a marketing claim. Source: SOURCE_DATA/products/foxflight.json.