



FAA PART 108/146 NPRM: NORMALIZING BVLOS OPERATIONS

The FAA’s Notice of Proposed Rulemaking (NPRM) for Part 108 is a landmark step toward enabling safe, routine Beyond Visual Line of Sight (BVLOS) drone operations in the U.S. It provides a framework for how drones can operate alongside crewed aircraft, expands operational privileges, and streamlines approvals – paving the way for scalable commercial and public use cases.

The Vantis network – and the precedent set by the uAvionix Vantis exemption – is specifically called out in the NPRM as foundational to these proposed rules. That means North Dakota’s investments and leadership are directly shaping the national future of drone integration.

WHAT THE NPRM WOULD ENABLE

- **Expanded Operations** – Package delivery (including medical), agriculture, aerial surveying, civic interest (public safety), recreation, training, demonstration, and flight testing – all BVLOS.
- **Streamlined Aircraft Approval** – No traditional airworthiness certificate; instead, FAA airworthiness acceptance via industry standards for faster innovation.
- **Safe Integration** – Detect-and-avoid requirements, automated data service providers (ADSPs), right-of-way rules aligned with crewed aviation.
- **Flexible Authorization Paths** –
 - **Permits** for lower-risk, smaller-scale operations.
 - **Certificates** for higher-risk, larger fleets or heavier aircraft, with Safety Management System requirements.
- **Security & Accountability** – TSA background checks for key personnel, cybersecurity and physical security policies, robust record keeping.
- **Operations Over People** – Allowed in controlled categories, with restrictions based on population density.





WHY THIS MATTERS

For communities: Expect more routine drone services — from infrastructure inspection to rapid emergency response — improving efficiency, safety, and access in both urban and rural areas.

For operators: Clearer, standardized rules replace today's patchwork of waivers, opening the door to scale operations without repeated case-by-case approvals.

LEARN MORE ABOUT PART 108

The QR code provided is a video overview of the 700+ pages regarding Part 108/146

Scan the QR code to be redirected to our YouTube channel

Watch our comprehensive breakdown of Part 108/146

Questions? Feel free to reach out - we're here to help!



HOW NPUASTS CAN HELP

Today

- Guidance on understanding the NPRM and its potential impact on your operations.
- Demonstrations and operational support via Vantis to align with proposed performance and safety expectations.

Throughout the Rulemaking Process

- Help stakeholders prepare and submit effective FAA comments.
- Facilitate working sessions to align industry input and highlight operational realities.
- Demonstrate operational safety and scalability through active BVLOS flights in ND.

When Part 108 Becomes Final

- Assist operators in transitioning from exemptions/waivers to Part 108 compliance.
- Provide infrastructure, operational support, and regulatory expertise to accelerate approvals.
- Offer ADSP services, detect-and-avoid integration, and flight operations management for scalable BVLOS.



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