From: Stefan Magnusson

To: Leann Nguyen
Date: May 15, 2026

Subject: Request for Info - File # 0398-EX-CN-2026
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Message:

Taurus Technologies Aero respectfully submits the following information in response to the FCC Request for Information regarding File No. 0398-EX-CN-2026.

The experimental program is intended for limited research and development activities involving resilient wireless communications, data-link evaluation, mesh networking, and UAV/ground-node interoperability testing under controlled experimental conditions.

1. Test Locations

The following initial U.S. test locations are currently planned for experimental operation:

Site A – Ground Communications Testing
Redmond, Washington

Site B – Ground and UAV Communications Evaluation
Pendleton, Oregon

Site C – Controlled Ground Node Evaluation
47°42'39.0"N 122°09'09.4"W
Washington State

Additional sites, if required, will be separately coordinated and submitted as additional antenna/site entries where applicable.

2. Radius of Operation

The requested operational radius has been reduced and clarified as follows:

* Ground node testing radius: approximately 1–5 km
* UAV communications evaluation radius: up to approximately 10–20 km under controlled test conditions
* Initial testing activities will be conducted at reduced range and reduced transmit power levels

Operations are strictly experimental and limited to controlled evaluation environments.

3. FAA / UAV Operational Clarification

Taurus Technologies Aero is conducting communications subsystem evaluation and interoperability testing only.

Any UAV flight operations associated with testing activities will occur only under authorized operators, within approved testing environments, and pursuant to applicable FAA operational authorizations, waivers, certifications, or partner flight approvals where required.

Taurus Technologies Aero will coordinate all airborne testing activities with participating authorized operators and applicable regulatory requirements.

4. Interference Mitigation Procedures

The experimental system will operate on a strict non-interference basis.

Taurus Technologies Aero will implement the following mitigation procedures:

* Initial testing at reduced transmit power levels
* Use of directional antennas where practical
* Continuous operator monitoring during transmissions
* Immediate shutdown capability for all transmitting equipment
* Logging and review of operational activity during testing
* Coordination and avoidance of restricted or protected frequencies
* Immediate cessation of transmissions if harmful interference is identified or reported

The company acknowledges its responsibility to immediately resolve or terminate any operation causing harmful interference to licensed or government systems.

5. ERP Information

Initial experimental operations will utilize low-to-moderate transmit power levels.

Typical conducted transmit power:
approximately 1–10 watts depending on test configuration.

ERP values will vary depending on antenna configuration, gain, and test objectives. Initial testing will utilize controlled power levels appropriate for localized experimental evaluation.

6. Responsible Operator / Shutdown Authority

Responsible Operator:
Stefan Magnusson
CEO
Taurus Technologies Aero

Phone:
305-280-7411

Email:
[stefan2magnusson@gmail.com](mailto:stefan2magnusson@gmail.com)

The responsible operator maintains immediate authority and capability to terminate transmissions if required.

Taurus Technologies Aero respectfully requests continuation of processing for the referenced experimental application.

Thank you for your review and consideration.

Sincerely,

Stefan Magnusson
CEO
Taurus Technologies Aero