



# PUBLIC NOTICE

**Federal Communications Commission**  
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**Washington, DC 20554**

News Media Information 202-418-0500  
Internet: [www.fcc.gov](http://www.fcc.gov)

**DA 25-760**  
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**OFFICE OF ENGINEERING AND TECHNOLOGY SEEKS COMMENT ON  
SECURAPLANE'S REQUEST FOR WAIVER OF SECTION 15.205 OF THE COMMISSION'S  
RULES RESTRICTING EMISSIONS WITHIN THE 5.35-5.46 GHZ BAND**

**ET Docket No. 25-260**

**Comment Date: September 26, 2025**  
**Reply Comment Date: October 14, 2025**

By this Public Notice, we seek comment on a request by Securaplane Technologies, Inc. (Securaplane) to waive Section 15.205(a) of the Commission's rules to allow its Range Controlled Radar (RCR) system that operates with a center frequency of 5.8 GHz to radiate non-spurious emissions into the 5.35-5.46 GHz restricted frequency band.<sup>1</sup>

The RCR is an intrusion detection sensor installed in aircraft wheel wells to detect movement within two to eight feet of the device. It is part of a security system typically armed moments before the aircraft is parked and vacated and is automatically disabled when airborne.<sup>2</sup>

Securaplane explains that it obtained the rights to the RCR from the original manufacturer (United Technologies Corporation Fire & Security) but has had to substitute a component for one that is no longer available. While this substitution meets Federal Aviation Administration guidelines, it expands the transmitted signal bandwidth from approximately 225 megahertz to 725 megahertz. This expansion results in non-spurious emissions in the 5.35-5.46 GHz restricted band.<sup>3</sup>

Section 15.205(a) of the Commission's rules permits only spurious emissions in the 5.35-5.46 GHz band.<sup>4</sup> Securaplane states that it explored other pathways to certification for the RCR and determined that a waiver of Section 15.205(a) is the most appropriate course of action. It explains that the current configuration poses no risk of harmful interference to aircraft systems and fully redesigning the RCR would halt aircraft production at several manufactures for a significant amount of time. It further indicates that the RCR meets all other certification requirements.<sup>5</sup>

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<sup>1</sup> Petition for Certification Waiver of Part 15 for Range Controlled Radar, ET Docket No. 25-260 (filed July 11, 2025, Securaplane Waiver Request). We note that Securaplane operates under the ownership of the Parker Hannifin Corporation, and the Securaplane Waiver Request is listed in the Commission's Electronic Comment Filing System under the name "Parker Hannifin Securaplane Technologies Inc."

<sup>2</sup> *Id.* at 1, 6, and 8.

<sup>3</sup> *Id.* at 2-3 and 5.

<sup>4</sup> 47 CFR § 15.205(a).

<sup>5</sup> *Securaplane Waiver Request* at 6 and 9.

We seek comment on Securaplane's waiver request. To develop a complete record on the issues presented by this request, this proceeding will be treated, for ex parte purposes, as "permit-but-disclose" in accordance with Section 1.1200(a) of the Commission's rules, subject to the requirements under Section 1.1206(b). Securaplane filed its petition electronically as a non-docketed proceeding in the Commission's Electronic Comment Filing System.<sup>6</sup> We have opened a new docket, **ET Docket 25-260** to facilitate consideration of this request and have moved Securaplane's submission into this docket. Parties should file all comments and reply comments in **ET Docket 25-260**.

*Filing Requirements.* Pursuant to sections 1.415 and 1.419 of the Commission's rules, 47 CFR §§ 1.415, 1.149, interested parties may file comments in **ET Docket No. 25-260** on or before the date indicated on the first page of this document and should reference this public notice. Comments may be filed using the Commission's Electronic Comment Filing System (ECFS). *See Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998).

- **Electronic Filers:** Comments may be filed electronically using the Internet by accessing the ECFS: <https://apps.fcc.gov/ecfs/>
- **Paper Filers:** Parties who choose to file by paper must file an original and one copy of each filing.
  - Filings can be sent by hand or messenger delivery, by commercial courier, or by the U.S. Postal Service mail. **All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.**
  - All hand-delivered or messenger-delivered paper filings for the Commission's Secretary are accepted between 8:00 a.m. and 4:00 p.m. by the FCC's mailing contractor at 9050 Junction Drive, Annapolis Junction, MD 20701. All hand deliveries must be held together with rubber bands or fasteners. Any envelopes and boxes must be disposed of before entering the building.
  - Commercial courier deliveries (any deliveries not by the U.S. Postal Service) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.
  - Filings sent by U.S. Postal Service First-Class Mail, Priority Mail, and Priority Mail Express must be sent to 45 L St. NE, Washington, DC 20554.
- **People with Disabilities:** To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to [fcc504@fcc.gov](mailto:fcc504@fcc.gov) or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (tty).

Parties should also send a copy of their filings to Brian Holland, Office of Engineering and Technology, Federal Communications Commission, 45 L Street, N.E., Washington, D.C. 20002, or by e-mail to [brian.holland@fcc.gov](mailto:brian.holland@fcc.gov). Documents associated with this docket will be available for public inspection through the Commission's ECFS.

By the Chief, Office of Engineering and Technology

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<sup>6</sup> Securaplane filed its request in INBOX-PART15 ("Petition for Waiver of Part 15"), which is located under the Non-Docketed Filing tab in the Commission's Electronic Comment Filing System (ECFS).