

Exhibit A: Statement in Support of Application for Special Temporary Authority

Pursuant to Section 5.54(a)(2) of the Commission's rules,¹ Flock Group Inc. ("Flock") submits this statement in support of its application for Special Temporary Authorization ("STA"). Flock requests this STA to test the technical and market viability of uncrewed aircraft systems (UAS) using an experimental docking station configuration. The operations proposed in this STA are identical to those described in an application Flock previously filed and which was granted by the Office of Engineering and Technology,² save for the addition of new test sites.

Overview

Flock is an Atlanta-based public safety technology company focused on developing UAS, camera, audio, and investigative systems products for use by local communities, including their law enforcement agencies, local governments, school systems and universities, and other public and private entities. Flock's products allow customers to identify vehicles of interest, investigate crimes, and promote efficient cross-agency information sharing. One of Flock's most in-demand products among law enforcement and other first responders is its advanced Flock DFR (Drone as a First Responder System). The Flock DFR is a fully remote, automated drone response system designed to put eyes on the scene in real time, providing first responders immediate situational awareness through live aerial data within seconds of deployment.

Description of the Experiment

As currently configured, the Flock DFR docking station offers only limited line-of-sight capabilities for the UAS, which causes video degradation across greater distances. To test potential fixes for this issue, Flock plans to reconfigure the docking station with an alternative external antenna. As part of this experiment, Flock will also be evaluating various alternative antenna configurations intended to elevate the antenna above obstructions, improve receiver performance, and enhance the overall link budget for the video downlink. All operations will remain within the maximum overall power limits and other technical parameters authorized under the existing Part 15 rules under which the docking station was originally certified. This testing will inform Flock's research and development of its own, more capable, American-made UAS platform. The equipment to be used in this experiment and a diagram of the general deployment elevation profile are provided in Exhibit A.

Antenna Deployment Parameters: Site Setup. The test will use an integrated beamforming active antenna system designed to extend drone operational range by providing full 360-degree coverage across an operational frequency range of 5.725 – 5.85 GHz, using dual polarization (horizontal and vertical) and an electronically steerable narrow beam with low sidelobe levels for improved interference performance. Flock will fix the antenna to an antenna pole mount no greater than 6 meters above ground level or above a rooftop, depending on the deployment scenario. The antennas will be placed at two elevation points, approximately 50 cm and 150 cm below the top of the pole mount, respectively. Connecting cables will be used to externally connect the

¹ 47 C.F.R. § 5.54(a).

² Call Sign WB9XFP, ELS File No. 0842-EX-ST-2026 (granted May 22, 2026).

antennas to the docking station, replacing the integrated antennas within the docking station as originally authorized.

This setup is intended to provide the connected UAS an approximate operational radius of 3.5 miles from the docking station, with a maximum operating altitude not to exceed 400 feet above ground level, with the following transmission characteristics:

Transmitting Frequencies	Output Power (W)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Emission Designator
5728.5 - 5846.12 MHz	0.6124	8	35.87	3.8640	1M44D1D
5727.5 - 5847.2 MHz	0.6124	8	35.87	3.8640	2M28D1D
5732.5 - 5842.5 MHz	0.6109	8	35.86	3.8545	4M43D1D
5730.5 - 5844.5 MHz	0.6124	8	35.87	3.8640	9M08D1D
5735.5 - 5839.5 MHz	0.6109	8	35.86	3.8545	18M0D1D
5745.5 - 5829.5 MHz	0.6109	8	35.86	3.8545	36M0D1D
5755.5 - 5819.5 MHz	0.2979	8	32.74	1.8796	55M1D1D
5765.5 - 5809.5 MHz	0.3048	8	32.84	1.9232	73M0D1D

All test operations will be conducted in compliance with the FCC's applicable output power limits and technical requirements under Part 15.³ To ensure the experiment does not pose an undue risk of harmful interference to other users operating in the same spectrum, Flock will employ several mitigation measures. First, this experiment is limited to the same spectrum and geographic locations where Flock operates the existing certified docking station today without issue. Second, Flock will continue to operate in shared unlicensed spectrum on a non-protected basis and will: (a) immediately cease transmissions upon notification of harmful interference to its stop buzzer contact,⁴ and (b) not resume operations until the interference issue has been resolved. Third, Flock will operate strictly within the authorized deployment parameters, and operations will be subject to real-time monitoring at all times.

Requested Sites for Testing. Flock has found that system performance may vary significantly across environments due to factors such as: (a) varying levels of channel occupancy in the

³ 47 C.F.R. § 15.407.

⁴ The contact information for Flock's designated stop buzzer contact is included in this application.

unlicensed UNII-3 band; (b) terrain, elevation, and surrounding morphology; (c) physical obstructions; and (d) time-of-day variations in spectrum usage. For these reasons, testing at a variety of sites and across a range of use cases and operating environments is necessary. The requested sites include urban, suburban, and rural environments, varying obstructions and elevation heights above average terrain, and different deployment profile combinations. The basic setup of fixed rooftop stations wirelessly controlling UAS would be replicated across these deployment sites.

Market Trial Objectives. As the UAS market rapidly evolves, Flock seeks to continue to grow its understanding of the specific performance needs of users across various geographies and customer segments. In addition to assessing the modified dock's capabilities in various settings, Flock's testing will also evaluate customer perception of improved performance and customer willingness to incur the additional cost and deployment complexity associated with an enhanced active antenna solution.⁵ The results of this assessment will guide long-term investment in research, product development, and deployment strategy. The selected trial sites represent a limited subset of the anticipated total deployment footprint for this market segment but will still provide statistically meaningful data.

Stop Buzzer Contact. During the experiment, Flock will maintain a single control point and stop buzzer capability. The contact will be capable of addressing and resolving interference concerns through all available means during the duration of the STA term.

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Conclusion

Grant of this STA is consistent with the FCC's rules and precedent, and this experiment will contribute to the use of the radio art. In addition, the testing will benefit national and local security and law enforcement, and aligns with the FCC's goal of "[f]acilitating and encouraging American firms' investment in drone capabilities, developing infrastructure, and offering innovative and advanced capabilities."⁶ Finally, an STA is necessary and time-sensitive as this experiment will inform Flock's in-progress development of its next-generation UAS platform.

Pursuant to 47 C.F.R. § 0.459⁷ and as further explained in its Request for Confidentiality, Flock is requesting non-disclosure of certain proprietary information included in this application.

⁵ 47 C.F.R. § 5.602.

⁶ *FCC Seeks Comment on Unleashing American Drone Dominance*, GN Docket No. 26-74, Public Notice, DA 26-314, at 1 (Apr. 1, 2026).

⁷ 47 C.F.R. § 0.459.