

Honeywell Aerospace
Application for Experimental Special Temporary Authority
ELS File No. 1383-EX-ST-2026

NARRATIVE STATEMENT

Pursuant to Section 5.3 and Section 5.61 of the FCC's rules, Honeywell Aerospace hereby respectfully requests a special temporary authority ("STA") from July 20th, 2026, to January 19th, 2027 to operate at the frequencies described below.

A. Purpose of Operation and Need for Special Temporary Authority:

Honeywell will be demonstrating a Counter UAS (CUAS) system that includes the DFend Systems EnforceAir Ex-DI, Ex-HA, and Ex-RA models for EXTiC 26-2 at a demonstration event scheduled for late July 2026 in Playas, New Mexico. The demonstration will take place at the Playas Research & Training Center. Honeywell requests this STA to allow it to demonstrate the system in specific scenarios in conjunction with the agency mentioned above. The STA is for demonstration purposes only and not for permanent installation of units.

B. Location of Proposed Operation:

Honeywell proposes to demonstrate the system at the Playas Research & Training Center. The GPS coordinates for this location are as shown below. Most of the demonstration will be conducted at a fixed location, but some On-The-Move (OTM) demonstration may occur as time permits. Any OTM scenarios will remain within the 5 km radius given below.

Location	Coordinates (NAD83)	Radius of Operation
Playas Research & Training Center Playas, New Mexico	31°56'10"N 108°32'38"W	5 km

C. Technical Specifications:

1. Frequencies of Operation

Honeywell requests authorization to operate the DFend Systems equipment at 2400 MHz to 2483.5 MHz, and also at 5725 MHz to 5850 MHz.

2. Effective Radiated Power (ERP)

The DFend Systems equipment to be used in the demonstration operates with a peak maximum effective radiated power of 2.43 Watts for the 2400 MHz to 2483 MHz band, and 1.53 Watts for the 5725 MHz to 5850 MHz band. Operations will be conducted to comply with rules relating to human exposure to radiation.

3. Modulation and Emissions

The DFend Systems equipment operates using Frequency Hopping Spread Spectrum (FHSS) and also Orthogonal Frequency Division Multiplexing (OFDM) waveforms. The emission designators used are 20M0D2D, 79M2G1D, and 79M4F1D for the 2400 MHz to

2483.5 MHz band, and 20M0D2D and 95M5G1D for the 5725 MHz to 5850 MHz band. The emissions will not extend beyond the frequency bands requested.

4. Antenna Information

No antennas will be mounted in a fashion that would require approval under FAA or FCC rules and regulations.

5. Equipment to be Used

Honeywell will conduct the demonstration with a maximum of 2 units.

D. Protection Against Causing Interference:

If it receives a complaint of harmful interference from the proposed operation, Honeywell will take immediate action to address the interference. The company has designated Anup Hundiwal (contact information below) to act as the primary “stop buzzer” for this purpose. Additionally, the company has designated Mark Hedden (contact information below) and Justin Busby (contact information below) to act as a secondary “stop buzzer.”

E. Restrictions on Operation:

Honeywell recognizes that the operation of any equipment under experimental authority must not cause harmful interference to authorized facilities. Should interference occur, Honeywell will take immediate steps to resolve the interference, including discontinuing operations if necessary.

In addition, Honeywell will advise entities using the equipment that permission to operate has been granted under experimental authority issued to Honeywell Aerospace, that such operation is strictly temporary, and that the equipment may not cause harmful interference.

F. Public Interest:

Grant of authorization will permit Honeywell to demonstrate its Counter UAS system, which will ultimately protect public safety operations by law enforcement personnel.

G. Contact Information:

For questions, or in the event of interference concerns during the period of authorization requested by this application, contact the company’s “Stop Buzzer” identified below:

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Director, Defense Sales
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