

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WA8XCI

(Call Sign)

XT FX MO

(Class of Station)

1266-EX-ST-2026

(File Number)

NAME Honeywell Aerospace

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The system is designed to detect Unmanned Aerial Systems (UAS) and alert users of the location of these UAS. The user will then be able to take appropriate actions to protect their operations.

Station Locations

- (1) Playas (HIDALGO), NM - NL 31-56-10; WL 108-32-38; MOBILE: Playas Research and Training Center, Playas, NM, within 5 km, centered around NL 31-56-10; WL 108-32-38

Frequency Information

Playas (HIDALGO), NM - NL 31-56-10; WL 108-32-38; MOBILE: Playas Research and Training Center, Playas, NM, within 5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-16.55 GHz	MO	57M6Q3N	55 kW (ERP)	0.001 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.

This authorization effective July 20, 2026 and
will expire 3:00 A.M. ET January 20, 2027

**FEDERAL
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COMMISSION**



Special Conditions:

- (3) Prior to commencing any operations in the frequencies below, the licensee must obtain consent from the following within 50 miles of the contours of the testing area:
- a) Mobile and Fixed Service licensees in 454 MHz/459 MHz
 - b) General Aviation Air-Ground Service in 454 MHz/459 MHz
 - c) SMR/ESMR licensees (809-824 MHz/854-869 MHz)
 - d) B/ILT licensees (809-824 MHz/854-869 MHz)
 - e) Cellular licensees (824-849 MHz/869-894 MHz)
 - f) Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - g) SMR licensees (896-901 MHz/935-940 MHz)
 - h) B/ILT licensees (896-901 MHz/935-940 MHz)
 - i) Narrowband PCS licensees (901-902/930-931/940-941 MHz)
 - j) Location & Monitoring Service licensees (902-928 MHz)
 - k) Paging Service licensees in 929 MHz and 931 MHz
- (4) Operations within part 90 bands must comply with all applicable rules under part 90, including but not limited to, the requirements for protecting centralized trunked incumbents as specified in section 90.187.

Special Conditions:

- (5) Prior to commencing operations in the authorized frequency band(s), the licensee must notify the potentially affected licensees below. The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should also include the testing parameters (e.g., specific location(s), frequency bands, antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

Frequency Bands: 2483.5-2500 MHz(s-E) (Call sign S2115)

Licensee: Globalstar Licensee LLC, Phone Number: 985-335-1503

ATTN: L. Barbee Ponder IV, E-Mail: Barbee.Ponder@Globalstar.com

Frequency Bands: 449.75-450.25 MHz, (Call sign S2862, S2912)

Licensee: Planet Labs PBC Phone Number: 202-221-5402

ATTN: Mr. Danielle Pineres E-Mail: compliance@planet.com

Frequency Bands: 449.75-450.25 MHz (E-s) (Call sign S2946, S3045)

Frequency Bands: 2482.710675-2483.424 MHz (E-s) (Call sign S3182)

Frequency Bands: 310-508 MHz (UHS) 820-1280 MHz (Earth-to-space) 2000-4000 MHz (S-band) (Call sign S3213)

Licensee: Spire Global, Inc. Phone Number: 415-356-3400

ATTN: Ms Francisca Adeuyi E-Mail: francisca.adeuyi@spire.com

Frequency Bands: 449.75-450.25 MHz (Earth-to-space) (Call sign S3032)

Licensee: BlackSky Global LLC Phone Number: 203-815-4378

ATTN: Ms Jenifer Lamie E-Mail: jlamie@blacksky.com francisca.adeuyi@spire.com

Frequency Bands: 869-894 MHz (space-to-Earth) (Call sign S3065)

Licensee: AST&Science LLC. Phone Number: 432-276-3966

ATTN: Abel Avellan E-Mail: Barbee.Ponder@Globalstar.com

Frequency Bands: 902-906 MHz (E-s), 2400-2483.5 MHz FSS (s-E & E-s) (Call sign S3072)

Frequency Bands: 330-420 MHz, 449.75-450.25 MHz, 840-1300 MHz, (Call sign S3170)

Frequency Bands: 449.75 - 450.25 MHz (Call sign S3184, S3213)

Licensee: Loft Orbital Solutions Inc. Phone Number: 410-382-5050

ATTN: Alex Greenberg E-Mail: alex@loftorbital.com

Frequency Bands: 890.1-890.3 MHz (space-to-Earth) (Call sign S3087)

Licensee: Lynk Global, Inc. Phone Number: 571-213-4827

ATTN: Michael McMenamin E-Mail: mmcmenamin@lynk.world

Frequency Bands: 449.75-450.25 MHz (Call sign S3159, S3174)

Licensee: Outpost Technologies Corporation Phone Number: 424-276-0754

ATTN: Ms. Vanessa Kuroda E-Mail: vanessa@outpost.space

Frequency Bands: 2482.710675-2483.424 MHz (Call sign S3212, S3182)

Licensee: Hubble Network Inc Phone Number: 610-308-4638

ATTN: Abraham Marciano E-Mail: abe@hubblenetwork.com

Special Conditions:

- (6) Licensee is restricted from using Public Safety frequencies between 450-455 MHz as listed in FCC Rule 90.20.
- (7) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (8) Stop Buzzer Point of Contact: Anup Hundiwal, 206-661-2617 and Brad Newton, 404-824-6613
- (9) Directed energy / jamming / electronic attack / spoofing / emulating operations are not authorized and must be submitted under an EA application with NTIA. Licensee must seek sponsorship from the US Air Force or one of the federal entities with express relief from federal criminal law for C-UAS purposes and go through the normal electronic attack process for C-UAS testing.
- (10) RF signal jamming is conducted solely for purposes of the testing of C-UAS or C-UAS immunity for federal or SLTT use
- (11) The same non-federal entity controls and operates both the jamming equipment and the equipment to be jammed
- (12) The non-federal entity does not cause harmful interference to any station licensed or authorized by the Commission or operated by the United States government
- (13) Notify the Broadband Radio Service licensees in proposed areas prior to operation in the frequency range from 2496 MHz to 2500 MHz.
- (14) Coordinate with the Fixed Microwave Service licensees in the proposed venues prior to operation in the frequencies from 2450 MHz to 2500 MHz.