

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WA8XFP

(Call Sign)

0947-EX-ST-2026

(File Number)

NAME Stucan Solutions Corp

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:**

To validate that the FLEXNET Unattended Ground Sensor (UGS) system can reliably detect, classify, and report activity.

**Station Locations**

(1) Camp Roberts (SAN LUIS OBISPO), CA - NL 35-43-06; WL 120-45-56

**Frequency Information**

Camp Roberts (SAN LUIS OBISPO), CA - NL 35-43-06; WL 120-45-56

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 437.5-452 MHz | FX            | 115KF1D             | 6 W (ERP)        | 1 %                       |
| 868-870 MHz   | FX            | 115KF1D             | 1.5 W (ERP)      | 1 %                       |
| 906-925 MHz   | FX            | 115KF1D             | 1.5 W (ERP)      | 1 %                       |

This authorization effective August 09, 2026 and  
will expire 3:00 A.M. ET August 15, 2026

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**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.
- (3) 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: 449.75-450.25 MHz (Call sign S2912)  
Licensee: Planet Labs PBC Phone Number: 202-221-5402  
ATTN: Mr. Danielle Pineres E-Mail: [compliance@planet.com](mailto:compliance@planet.com)

Frequency Bands: 449.75-450.25 MHz (E-s) (Call sign S2946, S3045 )  
Licensee: Spire Global, Inc. Phone Number: 415-356-3400  
ATTN: Ms Francisca Adeuyi E-Mail: [francisca.adeuyi@spire.com](mailto: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](mailto:jlamie@blacksky.com) [francisca.adeuyi@spire.com](mailto:francisca.adeuyi@spire.com)

Frequency Bands: 449.75-450.25 MHz (Call sign S3072, S3184)  
Frequency Bands: 449.75-450.25 MHz 840-1400 MHz (Call sign S3170)  
Licensee: Loft Orbital Solutions Inc. Phone Number: 410-382-5050  
ATTN: Alex Greenberg E-Mail: [alex@loftorbital.com](mailto:alex@loftorbital.com)

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](mailto:vanessa@outpost.space)

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](mailto:Barbee.Ponder@Globalstar.com)

Frequency Bands: 310-508 MHz, 820-1280 MHz ((Earth-to-space) (Call sign S3213)  
Licensee: Spire Global, Inc. Phone Number: 415-356-3400  
ATTN: Ms Francisca Adeuyi E-Mail: [francisca.adeuyi@spire.com](mailto:francisca.adeuyi@spire.com)

- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
  - a) SMR/ESMR licensees (809-824 MHz/854-869 MHz)
  - b) B/ILT licensees (809-824 MHz/854-869 MHz)
  - c) Cellular licensees (824-849 MHz/869-894 MHz)
  - d) Location & Monitoring Service licensees (902-928 MHz)
- (5) 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.

Special Conditions:

- (6) Licensee must not use any Public Safety frequencies as listed under FCC Rule 90.20 in the band 453.000-453.500 MHz
- (7) Stop Buzzer Point of Contact: Stuart Taylor, (703) 537-1765