

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WA8XGF

(Call Sign)

1367-EX-ST-2026

(File Number)

NAME The Boeing Company

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:**

Short duration satellite RF Functional Check at the launch site facility.

**Station Locations**

- (1) Vandenberg SFB (SANTA BARBARA), CA - NL 34-37-59; WL 120-36-47
- (2) Vandenberg SFB (SANTA BARBARA), CA - NL 34-44-25; WL 120-35-54

**Frequency Information**

Vandenberg SFB (SANTA BARBARA), CA - NL 34-37-59; WL 120-36-47

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1831.79 MHz   | FX            | 4M00G9W             | 1 mW (ERP)       |                           |
| 2275-2285 MHz | FX            | 5M00G9W             | 1.532 W (ERP)    |                           |

This authorization effective August 05, 2026 and  
will expire 3:00 A.M. ET February 02, 2027

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Vandenberg SFB (SANTA BARBARA), CA - NL 34-44-25; WL 120-35-54

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1831.79 MHz   | FX            | 4M00G9W             | 1 mW (ERP)       |                           |
| 2275-2285 MHz | FX            | 5M00G9W             | 1.532 W (ERP)    |                           |

## 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) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Authorized operations are limited to ground-based functional testing at Vandenberg Space Force Base (SFB). This STA will expire as soon as testing has been completed or 1 February 2027, whichever occurs first. This STA cannot be used for any flight testing or launch/on-orbit operations.
- (4) Testing must use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) The Boeing Company must have no expectation that the technical characteristics (e.g., center frequencies, bandwidths, power levels, etc.) authorized within this STA for use during ground testing will also be authorized without modification if included in future requests.
- (6) Numerous factors such as future Federal space missions brought-into-use after the grant of this authorization may prohibit its extension or renewal, and the Boeing Company should be aware that future requests may require additional deconfliction to avoid time overlap with NASA Artemis mission(s).
- (7) Prior to the planned operations at VSFB, CA, The Boeing shall coordinate and schedule their operations with 2 ROPS/DOS Range Scheduling (805) 606-8825, 2 ROPS/DOS Section (2ROPS.DOS@us.af.mil) and provide a copy of FCC license and Stop Buzzer POC to SLD 30 Spectrum Management Office (805) 606-6695, email: 30scs.scorf@us.af.mil
- (8) No later than 60 days prior to launch (or as soon as possible if within the 60 day window), NSWCCD requires: concepts of operations, frequencies, modulation types, data rates, transmitters' powers (EIRP), and trajectories.

**Special Conditions:**

- (9) Blackout zones (BOZs) MAY be imposed, including but not limited to any of the following:
- (1) 1500 nautical mile radius centered at 22.00N 160.00W;
  - (2) 1500 nautical mile radius centered at 33.25N 119.57W;
  - (3) 1500 nautical mile radius centered at 8.72N 167.73E;
  - (4) 1500 nautical mile radius centered at 57.46N 152.38W;
  - (5) 1500 nautical mile radius centered at 32.37N 106.47W;
  - (6) 1500 nautical mile radius centered at 57.34N 7.35W;
  - (7) Any radius and center coordinate dependent on DoW operations.

The final launch schedule for each launch will ultimately determine which BOZs will be implemented.

The imposed BOZs SHALL be implemented by the licensee for the dates, times, and frequencies indicated in accordance with the conditions of the requester's license. As a user of these frequencies, the requester is responsible for deconflicting launches inside of any applicable BOZ windows, as these frequencies are granted on a not-to-interfere basis (NIB).

- (10) The Boeing Company to ensure coordination and deconfliction with the applicable local area Spectrum Managers -- Western Area Frequency Coordinator (WAFC), Spectrum Manager for NAWC/Pt. Mugu, and Spectrum Manager for Vandenberg Space Force Base (VSFB) -- providing scheduling and mission operations information to those offices and to NSWCDD. Coordination must be conducted at least 60 days prior to the actual test date(s), or as soon as possible, if that timeline is not achievable.

The primary contacts for frequency coordination:

Mr. James Moneyhon, (540) 653-3477, james.m.moneyhon.civ@us.navy.mil

Mr. Matthew Dempsey, (540) 718-9212, matthew.c.dempsey3.civ@us.navy.mil

Mr. Kenton Young, (540) 613-3300, kenton.d.young2.civ@us.navy.mil

Mr. Michael Dewell, (540) 653-9512, michael.t.dewell.civ@us.navy.mil

Mr. Eli Guzzone, (540) 653-6967, eli.e.guzzone.civ@us.navy.mil

- (11) 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.
- (12) The designated point-of-contact to terminate transmissions if interference occurs is Christina Maragay at (310) 292-1204 (Cell), and (310) 364-6276 (Office).