

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

EXPERIMENTAL

(Nature of Service)

WP9XTQ

(Call Sign)

XT MO

(Class of Station)

2245-EX-ST-2019

(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:

SARSAT recovery radio needed for recovery of space vehicle.

Station Locations

- (1) MOBILE: Wilcox Playa surface to 80k ft, AZ, within 25 km, centered around NL 32-08-24; WL 109-50-59
- (2) MOBILE: PAD41, Kennedy Space Center, FL, within 1 km, centered around NL 28-35-00; WL 80-34-58
- (3) MOBILE: Boeing facility, Kennedy Space Center, FL, within 1 km, centered around NL 28-35-17; WL 80-39-10
- (4) MOBILE: WHITE SANDS MISSILE RANGE surface to 80k ft, NM, within 25 km, centered around NL 33-38-24; WL 106-36-35
- (5) MOBILE: Dugway Proving Grounds surface to 80k ft, UT, within 25 km, centered around NL 40-10-12; WL 113-28-11
- (6) MOBILE: Edwards AFB surface to 80k ft, CA, within 25 km, centered around NL 34-57-00; WL 117-49-58

This authorization effective December 20, 2019 and
will expire 3:00 A.M. EST June 18, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Wilcox Playa surface to 80k ft, AZ, within 25 km, centered around NL 32-08-24; WL 109-50-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406 MHz	MO	2K00G1D	144.5 mW (ERP)	

MOBILE: PAD41, Kennedy Space Center, FL, within 1 km, centered around NL 28-35-00; WL 80-34-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406 MHz	MO	2K00G1D	144.5 mW (ERP)	

MOBILE: Boeing facility, Kennedy Space Center, FL, within 1 km, centered around NL 28-35-17; WL 80-39-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406 MHz	MO	2K00G1D	144.5 mW (ERP)	

MOBILE: WHITE SANDS MISSILE RANGE surface to 80k ft, NM, within 25 km, centered around NL 33-38-24; WL 106-36-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406 MHz	MO	2K00G1D	144.5 mW (ERP)	

Frequency Information

MOBILE: Dugway Proving Grounds surface to 80k ft, UT, within 25 km, centered around NL 40-10-12; WL 113-28-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406 MHz	MO	2K00G1D	144.5 mW (ERP)	

MOBILE: Edwards AFB surface to 80k ft, CA, within 25 km, centered around NL 34-57-00; WL 117-49-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406 MHz	MO	2K00G1D	144.5 mW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation is not permitted using the frequency 121.5 MHz and 243 MHz.
- (4) For the 2 locations at Kennedy Space Center, the Boeing Company must adhere to the following
 - All other testing must be IAW CFR Title 47 Part 87.197 – ELT test procedures
 - Prior to transmitting Kennedy Space Center, FL, Boeing Company shall coordinate and schedule their operations with Range Scheduling, (321)- 853- 5941, email: 1ropschd@us.af.mil and provide a copy of FCC license to the 45th Space Wing Spectrum Management Office, (321)-853-8408, email: 45sw.erfmo@us.af.mil with Cc'ing DoD EAFC (321)-853-8426, email: 45sw.dodeafc@us.af.mil
- (5) For White Sands Missile Range, the Boeing Company must adhere to the following:
 - Operations at White Sands Missile Range (WSMR), NM, must be scheduled as a WSMR Range mission, through the WSMR Range Sponsor. Final authorization to radiate shall be contingent upon successful scheduling, and de-confliction of spectrum, with other area operations.