

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

EXPERIMENTAL

(Nature of Service)

WK9XLE

(Call Sign)

XT MO

(Class of Station)

1762-EX-ST-2016

(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:

To support the use of a radiosonde weather balloon.

Station Locations

- (1) MOBILE: Surface to 80,000 Feet, White Sands Missile, NM, within 25 km, centered around NL 32-29-59; WL 106-27-01

Frequency Information

MOBILE: Surface to 80,000 Feet, White Sands Missile, NM, within 25 km, centered around NL 32-29-59; WL 106-27-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.4-406 MHz	MO	6K00A0A 6K00F1D 50K0F1D	300 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.

This authorization effective February 16, 2017 and
will expire 3:00 A.M. EST July 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The "Stop Buzzer" point of contact is Bob Hill at 321-427-7479.
- (4) The Boeing Company must not transmit in the 406 MHz to 406.1 MHz range as per ITU, Radio Regulations, Appendix 15 and NTIA Manual footnotes 5.266 and 5.267 these distress frequencies are protected from any possible interference.
- (5) Boeing Company is reminded that emission bandwidth overlap into the frequency range 406-406.1 MHz is prohibited and will not be tolerated. The highest useable frequencies with the 6 KHz and 50 KHz emission are 405.997 and 405.975 MHz respectively.
- (6) Operations must be scheduled as a WSMR Range mission through the WSMR appointed sponsor with the WSMR FREQ CONTROL (AR ,170104,RJW,AFC-WSMR), 575-678-1193. Final authorization to radiate is contingent upon successful scheduling and de-confliction of BOTH Airspace and Spectrum.
- (7) WSMR reserves the right to mandate the use of WSMR Radiosondes to ensure optimal data collection.
- (8) Boeing must coordinate balloon launches with Nation Weather Service/Southern Region, POC Mike Love at 682-703-3742, mike.love@noaa.gov