

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

EXPERIMENTAL

(Nature of Service)

WJ9XDJ

(Call Sign)

XT MO

(Class of Station)

0014-EX-ST-2016

(File Number)

NAME Aurora Flight Sciences

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:

Data link for platform under development.

Station Locations

- (1) MOBILE: Within 3 km of K9NM9 airport, within 3 km, centered around NL 32-50-23; WL 106-58-12
- (2) MOBILE: Airborne, 30 km of K9NM9 airport, surf to 25000 ft, within 30 km, centered around NL 32-59-29; WL 106-58-12

Frequency Information

MOBILE: Within 3 km of K9NM9 airport, within 3 km, centered around NL 32-50-23; WL 106-58-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	13M2G1D	34 W (ERP)	0.0005 %

This authorization effective January 20, 2016 and
will expire 3:00 A.M. EST July 20, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne, 30 km of K9NM9 airport, surf to 25000 ft, within 30 km, centered around NL 32-59-29; WL 106-58-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	13M2G1D	10 W (ERP)	0.0005 %

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) Aurora Flight Sciences must coordinate with the Aerospace Operations Manager of Spaceport America @ 575-520-5433, alternate 575-202-4795. Spaceport America, in turn, must coordinate spectrum use with their White Sands Missile Range (WSMR) liaison. The WSMR liaison will schedule the operations as a WSMR Range mission, and will de-conflict the spectrum and airspace with other DoD operations in the region