

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

EXPERIMENTAL

(Nature of Service)

WK9XJT

(Call Sign)

XT MO

(Class of Station)

1266-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:

To provide command, control and data transmission between sensor equipped aircraft and OCEARCH vessel. This RF link will provide real-time data (primarily video) to support location

Station Locations

- (1) MOBILE: Ship based component, within 110 km, centered around NL 41-41-00; WL 70-00-00
- (2) MOBILE: Airborne component from surface to 18,000 ft MSL, within 110 km, centered around NL 41-41-00; WL 70-00-00

Frequency Information

MOBILE: Ship based component, within 110 km, centered around NL 41-41-00; WL 70-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.95 GHz	MO	13M2G1D	34 W (ERP)	0.0005 %

This authorization effective September 15, 2016 and
will expire 3:00 A.M. EST December 16, 2016

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COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne component from surface to 18,000 ft MSL, within 110 km, centered around NL 41-41-00; WL 70-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.95 GHz	MO	13M2G1D	10 W (ERP)	0.0005 %

Special Conditions:

- (1) Aurora Flight Sciences must be made aware that Navy has assignments in Brockton, MA on the following frequencies:

4450 MHz +/- 20 MHz
4470 MHz +/- 20 MHz
4490 MHz +/- 20 MHz
4510 MHz +/- 20 MHz
4550 MHz +/- 20 MHz
4570 MHz +/- 20 MHz
4590 MHz +/- 20 MHz
4710 MHz +/- 20 MHz
4730 MHz +/- 20 MHz
4850 MHz +/- 20 MHz
4870 MHz +/- 20 MHz

- (2) Prior to the start of operations, Aurora Flight Sciences must contact Mr. Joseph DuPaty at 202-433-3398 or Mr. Michael Miles at 619-524-3423 to coordinate and schedule frequency use. Aurora Flight Sciences must also provide a stop buzzer point of contact to mitigate interference issues.