

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

EXPERIMENTAL

(Nature of Service)

WP9XSB

(Call Sign)

XT MO

(Class of Station)

0666-EX-ST-2020

(File Number)

NAME Cirrus Design Corporation

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:

This testing will be in accordance with the Cirrus Design Flight Test Plan for the purpose of certifying the fore mentioned system.

Station Locations

- (1) MOBILE: Duluth, MN, max altitude of 5,000 ft, within 93 km, centered around NL 46-50-31; WL 92-11-36

Frequency Information

MOBILE: Duluth, MN, max altitude of 5,000 ft, within 93 km, centered around NL 46-50-31; WL 92-11-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
118.05 MHz	MO	6K00A3E	16 W (Output Power)	0.0005 %
118.3 MHz	MO	6K00A3E	16 W (Output Power)	0.0005 %
120.09 MHz	MO	6K00A3E	16 W (Output Power)	0.0005 %

This authorization effective May 17, 2020 and
will expire 3:00 A.M. EST November 18, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Duluth, MN, max altitude of 5,000 ft, within 93 km, centered around NL 46-50-31; WL 92-11-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
121.05 MHz	MO	6K00A3E	16 W (Output Power)	0.0005 %
121.5 MHz	MO	6K00A3E	16 W (Output Power)	0.0005 %
125.45 MHz	MO	6K00A3E	16 W (Output Power)	0.0005 %
126.45 MHz	MO	6K00A3E	16 W (Output Power)	0.0005 %
127.9 MHz	MO	6K00A3E	16 W (Output Power)	0.0005 %
133.55 MHz	MO	6K00A3E	16 W (Output Power)	0.0005 %

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) 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.
- (3) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: amended condition
- (4) Cirrus Design Corporation must reduce the operational radius from 93km to 40km, when operating on 118.3 MHz, as coordinated with the FAA.