

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

EXPERIMENTAL

(Nature of Service)

WP9XWH

(Call Sign)

XT MO

(Class of Station)

2371-EX-ST-2019

(File Number)

NAME Arcturus UAV, LLC

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:

Demonstrate of unmanned aircraft system..

Station Locations

- (1) MOBILE:within 112.6 km, centered around NL 32-59-30; WL 106-24-44
- (2) MOBILE:within 112.6 km, centered around NL 32-59-30; WL 106-24-44

Frequency Information

MOBILE:within 112.6 km, centered around NL 32-59-30; WL 106-24-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2395 MHz	MO	8M90D7W	12.58 W (ERP)	0.0005 %

This authorization effective January 10, 2020 and
will expire 3:00 A.M. EST January 17, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE:within 112.6 km, centered around NL 32-59-30; WL 106-24-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2395 MHz	MO	8M90D7W	3548.13 W (ERP)	0.0005 %

Special Conditions:

- (1) AFC-WSMR concurs with AFTRCC ICN 1100-20/8172, on behalf of Arcturus UAV, and their support of the MEUAS IV Demonstration, at WSMR, NM. Operations must be scheduled as a WSMR Range Mission, through the Range Sponsor. Final authorization to radiate is contingent upon successful scheduling, and de-confliction, of both airspace, and spectrum, with other regional operations. The AFC-WSMR concurrence number is WS-20-01.