Dane Johnson, P.O. Box 74075, 5202 N. Richmod Hill Rd, Stillwater, OK 74075

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WN9XSV
(Nature of Service)	(Call Sign)
XT FX MO	0860-EX-ST-2019
(Class of Station)	(File Number)

NAME Unmanned Systems Research Institute

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:
Test flying of military UAS and modifying radio links as necessary.

Station Locations

(1) Glencoe (PAYNE), OK - NL 36-09-44; WL 96-50-08; MOBILE: Glencoe, OK, within 4 km, centered around NL 36-09-44; WL 96-50-08

Frequency Information

Glencoe (PAYNE), OK - NL 36-09-44; WL 96-50-08; MOBILE: Glencoe, OK, within 4 km, centered around NL 36-09-44; WL 9

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1668.4-1675 MHz	FX	5M00M1D	3 W (ERP)	
1683-1697 MHz	FX	5M00M1D	3 W (ERP)	
1712.5-1725 MHz	FX	5M00M1D	3 W (ERP)	

This authorization effective June 03, 2019 and
will expire 3:00 A.M. EST June 30, 2019

FEDERAL COMMUNICATIONS COMMISSION

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

(3) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.

(4) The stop buzzer contact for this project is: Dane Johnson
Phone: 918-421-1350
Email: dane.johnson@okstate.edu

(5) Prior to operations in the band 1668.4-1725 MHz coordinate with National Science Foundation, Glen Langston, glangsto@nsf.gov, 703-292-4937, 703-470-9820

(6) Operation in the 1695-1780 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.