

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

EXPERIMENTAL

(Nature of Service)

WP9XCB

(Call Sign)

XT FX MO

(Class of Station)

1442-EX-ST-2019

(File Number)

NAME Aviation Communication & Surveillance Systems (ACSS)

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 phase modulation link performance using Lynx NGT-9000D and NGT-9000RD multilink transponders.

Station Locations

- (1) Phoenix (MARICOPA), AZ - NL 33-39-58; WL 112-05-03
- (2) Phoenix, AZ - NL 33-41-18; WL 112-04-58; MOBILE: , within 16 km

Frequency Information

Phoenix (MARICOPA), AZ - NL 33-39-58; WL 112-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	10M6G1D	500 W (ERP)	0.005 %

This authorization effective August 20, 2019 and
will expire 3:00 A.M. EST February 12, 2020

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Frequency Information

Phoenix, AZ - NL 33-41-18; WL 112-04-58; MOBILE: , within 16 km

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1090 MHz	MO	10M6G1D	500 W (ERP)	0.005 %

Special Conditions:

- (1) In addition to the conditions of NG T190677 that have been coordinated with the FAA, Aviation Communication & Surveillance Systems must ensure that the message transfer rate is less than 100 as well as notifying the local ATC of start/end time of test.