

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

EXPERIMENTAL

(Nature of Service)

WL9XFN

(Call Sign)

XT FX MO

(Class of Station)

0500-EX-ST-2017

(File Number)

NAME The Aerospace Corp

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:

Characterize the pointing environment for and at the interface of a balloon mounted pan and tilt gimbal system.

Station Locations

- (1) Portales (ROOSEVELT), NM - NL 34-11-10; WL 103-20-03; MOBILE: within 113 km, centered around NL 34-11-10; WL 103-20-03
- (2) Tatum (LEA), NM - NL 33-15-25; WL 103-20-03; MOBILE: , within 113 km, centered around NL 33-15-25; WL 103-20-03

Frequency Information

Portales (ROOSEVELT), NM - NL 34-11-10; WL 103-20-03; MOBILE: within 113 km, centered around NL 34-11-10; WL 103-20-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	1M23G1D 1M10F1D	1 W (ERP)	0.016 %

This authorization effective May 15, 2017 and
will expire 3:00 A.M. EST May 26, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tatum (LEA), NM - NL 33-15-25; WL 103-20-03; MOBILE: , within 113 km, centered around NL 33-15-25; WL 103-20-03

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Special Conditions:

- (1) The Aerospace Corp must notify Location & Monitoring Service licensees (902-928 MHz) within 80 km of the test area.
- (2) The ADS-B transponder must be TSO certified.