

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

EXPERIMENTAL

(Nature of Service)

WG9XCS

(Call Sign)

XT FX MO

(Class of Station)

0928-EX-ST-2012

(File Number)

NAME Moog Inc Aircraft Group

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:

Manned testing of primary and backup datalink between a ground station and manned airborne platform.

Station Locations

- (1) Strykersville (WYOMING), NY - NL 42-45-55; WL 78-27-36
- (2) MOBILE: Airborne operation within 26 Km of the Lat/Long provided, within 26 km, centered around NL 42-33-34; WL 78-20-15
- (3) Strykersville (WYOMING), NY - NL 42-45-55; WL 78-27-36
- (4) MOBILE: Airborne operation within 26 km of the Lat/Long provided, within 26 km, centered around NL 42-33-34; WL 78-20-15

Frequency Information

Strykersville (WYOMING), NY - NL 42-45-55; WL 78-27-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4990 MHz	FX	330KF9W	1400 W (ERP)	

This authorization effective December 26, 2012 and
will expire 3:00 A.M. EST June 27, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne operation within 26 Km of the Lat/Long provided, within 26 km, centered around NL 42-33-34; WL 78-20-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4990 MHz	MO	8M00D7W	20 W (ERP)	

Strykersville (WYOMING), NY - NL 42-45-55; WL 78-27-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	230KF1D	2 W (ERP)	

MOBILE: Airborne operation within 26 km of the Lat/Long provided, within 26 km, centered around NL 42-33-34; WL 78-20-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	230KF1D	2 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Moog Aircraft need to use the channel plan for fixed operations in chapter 4.3.18 of NTIA manual as much as possible for frequency pairing.
- (3) No transmission allowed in the 4990 – 5000 MHz passive band.
- (4) 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.