

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

EXPERIMENTAL

(Nature of Service)

WF9XGM

(Call Sign)

XD FX MO

(Class of Station)

0663-EX-ST-2011

(File Number)

NAME L-3 Communications, Communication Systems - West

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:

Technology demonstration of airborne and surface data link with airborne sensor, for potential government/military customers.

Station Locations

- (1) Warrenton (FAUQUIER), VA - NL 38-41-50; WL 77-47-20
- (2) MOBILE: Transmitter/antenna are on an aircraft operating at altitude not to exceed 20,000 ft MSL, in the vicinity of Warrenton, VA, within 2 km, centered around NL 38-41-50; WL 77-47-20
- (3) MOBILE: Transmitter/antenna are on an aircraft operating at altitude not to exceed 20,000 ft MSL, in the vicinity of Culpeper, VA, within 2 km, centered around NL 38-28-55; WL 77-58-27

Frequency Information

Warrenton (FAUQUIER), VA - NL 38-41-50; WL 77-47-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15155-15345 MHz	FX	8M00G1D	400 W (ERP)	

This authorization effective November 04, 2011 and
will expire 3:00 A.M. EST February 05, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Transmitter/antenna are on an aircraft operating at altitude not to exceed 20,000 ft MSL, in the vicinity of Warrenton, VA, within 2 km, centered around NL 38-41-50; WL 77-47-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14740-14805 MHz	MO	42M8G1D	14 W (ERP)	

MOBILE: Transmitter/antenna are on an aircraft operating at altitude not to exceed 20,000 ft MSL, in the vicinity of Culpeper, VA, within 2 km, centered around NL 38-28-55; WL 77-58-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14740-14805 MHz	MO	42M8G1D	14 W (ERP)	

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) The designated point-of-contact to terminate transmissions if interference occurs is Kevin Shallbetter (801) 837-1009.