

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

EXPERIMENTAL

(Nature of Service)

WE9XRF

(Call Sign)

XT FX MO

(Class of Station)

0046-EX-ST-2011

(File Number)

NAME Lockheed Martin Corporation

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:

FAA Mode S Code acceptance testing.

Station Locations

- (1) Syracuse (ONONDAGA), NY - NL 43-06-43; WL 76-11-18; MOBILE: Syracuse [ONONDAGA], NY, within 1 km, centered around NL 43-06-43; WL 76-11-18

Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-43; WL 76-11-18; MOBILE: Syracuse [ONONDAGA], NY, within 1 km, centered around NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M33M1D	115 kW (ERP)	
1030 MHz	MO	6M33M1D	115 kW (ERP)	

This authorization effective February 08, 2011 and
will expire 3:00 A.M. EST March 09, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 1. The Federal Aviation Administration (FAA) states that the following must be adhered to:
 - a. Set Interrogation Identification (II) code to 7
 - b. Set PRR to 50
 - c. Set probability of reply to 50 percent
 - d. Set transmission blanking between -44 and 225 deg referenced to true North. The direction of the transmission must be Westward.
 - e. The License is to test products designated for foreign sales only. Additional evaluation of this product will be required prior to testing for any domestic sales. Further, modifications to the system may be required prior to domestic testing or operation.