

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WC9XSL

(Call Sign)

0628-EX-ST-2006

(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:

Testing the capabilities of the Mobile Ad Hoc Networking (MANET), Very Wide Bandwidth Networking Waveform (WNW) network throughput, chat and web browsing.

Station Locations

- (1) Goodyear (MARICOPA), AZ - NL 33-26-06; WL 112-21-30; MOBILE: Goodyear (MARICOPA), AZ, to a maximum altitude of 17500 feet, within 100 km, centered around NL 33-26-06; WL 112-21-30

Frequency Information

Goodyear (MARICOPA), AZ - NL 33-26-06; WL 112-21-30; MOBILE: Goodyear (MARICOPA), AZ, to a maximum altitude of

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1400 MHz	MO	30M0G1D	100 W (ERP)	
1370-1400 MHz	FX	30M0G1D	100 W (ERP)	

This authorization effective September 02, 2006 and
will expire 3:00 A.M. EST September 16, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) The STA time is reduced from 3 months to September 2, 2006 thru September 15, 2006.
- (3) The band is restricted to 1370-1400 MHz and the emission no greater than 30 MHz.
- (4) Aircraft is permitted but not to exceed 17500 feet.
- (5) Scheduling is required prior to operations with DoD AFC Arizona (520) 538-6423.
- (6) Link 16 frequencies must be coordinated thru the DoD and FAA separately. Link 16 is mention in the STA but frequencies not requested.
- (7) The Stop Buzzer POC for this STA is Mike Macias. He can be contacted via cell phone (602) 618-3235 and/or at the Hanger site, (623) 925-7294.