

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

EXPERIMENTAL

(Nature of Service)

WD9XBS

(Call Sign)

XT MO

(Class of Station)

0358-EX-ST-2007

(File Number)

NAME Mustang Technology Group, LP

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:

Perform captive flight tests with a prototype radar that is being developed for the for the United State Air Force Research Laboratories.

Station Locations

- (1) MOBILE: North-Central Texas, Howe, Tx, within 55 km, centered around NL 33-30-15; WL 96-36-56
- (2) MOBILE: United States airspace, Port Aransas, TX, within 45 km, centered around NL 27-50-25; WL 97-03-23

Frequency Information

MOBILE: North-Central Texas, Howe, Tx, within 55 km, centered around NL 33-30-15; WL 96-36-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.25-5.6 GHz	MO	75M0Q2X	185 W (ERP)	
5.65-6 GHz	MO	75M0Q2X	185 W (ERP)	

This authorization effective October 26, 2007 and
will expire 3:00 A.M. EST April 27, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: United States airspace, Port Aransas, TX, within 45 km, centered around NL 27-50-25; WL 97-03-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.25-5.6 GHz	MO	75M0Q2X	180 W (ERP)	
5.65-6 GHz	MO	75M0Q2X	180 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) 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.
- (3) Requested to notch out the following frequencies: 5000-5250 MHz and 5600-5650 MHz.
- (4) Operation is subject to prior coordination with Fixed Microwave licensees.