

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WA2XMH

(Call Sign)

0403-EX-ST-2005

(File Number)

NAME RAYTHEON COMPANY

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:

Test target for radars.

Station Locations

- (1) Corona (RIVERSIDE), CA - NL 33-51-00; WL 117-39-13
- (2) Huntington Beach, CA - NL 33-44-57; WL 118-02-15

Frequency Information

Corona (RIVERSIDE), CA - NL 33-51-00; WL 117-39-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	6M00M1D	200 W (Output Power)	
9200-10000 MHz	FX	1M00P0N	1585 W (ERP)	

This authorization effective August 10, 2005 and
will expire 3:00 A.M. EST February 10, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Huntington Beach, CA - NL 33-44-57; WL 118-02-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	6M00M1D	200 W (Output Power)	
9200-10000 MHz	FX	1M00P0N	1585 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Western Coordinator, Los Angeles, CA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Western Coordinator, Los Angeles, CA, as necessary to ensure compatibility with existing uses.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army Contract No. DAAH01-91-C-0002. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (5) Subject to prior coordination with James Littlefield at (661) 277-4763.
- (6) Contact local air traffic control for assignment of Mode 3A code.
- (7) Mode 3C (altitude) shall be set above 60,000 feet or 600 feet below sea level.