

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XAL

(Call Sign)

0577-EX-ST-2004

(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 and development of aviation equipment.

Station Locations

(1) Elizabeth City, NC - NL 36-12-25; WL 76-12-45

Frequency Information

Elizabeth City, NC - NL 36-12-25; WL 76-12-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M00M1D	200 W (Output Power)	
1090 MHz	FX	6M00M1D	250 W (Output Power)	
9370-9990 MHz	FX	1M00P0N		

This authorization effective December 01, 2004 and
will expire 3:00 A.M. EST June 01, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Operation on 1030 MHz is authorized only for pulse repetition rate of 388.
- (2) Mode 4 operation is not authorized.