

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

EXPERIMENTAL

(Nature of Service)

WG9XVX

(Call Sign)

XT FX

(Class of Station)

0735-EX-ST-2013

(File Number)

NAME Quest Aircraft 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:

To characterize the RF attenuation of the an aircraft by applying low-level swept emissions and measuring the induced currents in cable bundles and EM field at specific locations within the

Station Locations

(1) Sandpoint (BONNER), ID - NL 48-17-57; WL 116-33-58

Frequency Information

Sandpoint (BONNER), ID - NL 48-17-57; WL 116-33-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1-25 MHz	FX	NON	16 W (ERP)	
5-25 MHz	FX	NON	16 W (ERP)	
25-400 MHz	FX	NON	3 W (ERP)	

This authorization effective October 30, 2013 and
will expire 3:00 A.M. EST January 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Sandpoint (BONNER), ID - NL 48-17-57; WL 116-33-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
0.1-18 GHz	FX	NON	0.03 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (6) Obtain consents from the affected AWS licensees prior to operation in 1710-1755 MHz, 1915-1920 MHz, 1995-2000 MHz, 2020-2025 MHz, and 2110- 2180 MHz.
- (7) For 3650-3700 MHz, the applicant must:
 - a) Maintain separation from the grandfathered earth stations as defined in Part 90 subpart Z, or coordinate an agreement with the grandfathered earth station licensees in the area prior to operation in 3655-3670 MHz.
 - b) Ensure that the operations will not cause harmful interference to any existing registered stations in 3650-3700 MHz, and notify the registered users in the area prior to accessing to 3655-3670 MHz.
- (8) Quest Aircraft Co. must notch out the following:
 - a. 1215 – 1240 MHz band
 - b. 1559 – 1610 MHz band
- (9) Quest Aircraft Co. must coordinate with Navy P.O.C., Mr. Russell Potter at 360-396-7075 (Russell.potter@navy.mil) prior to the anticipated testing start time to mitigate harmful interference to Navy and Marine Corps assignments.
- (10) A stop buzzer P.O.C. must be provided to the FAA Western Service Area (WSA) office, Mr. Daniel O 'Rear, 425-227-2637 and to the local Air Traffic personnel.
- (11) The start and end times of each testing must be provided to the FAA WSA at least 24 hours prior to testing.

Special Conditions:

- (12) When unattended, the test equipment shall not radiate and must not be attached to the antenna.
- (13) Any detected interference to FAA systems will require immediate cessation of testing, as well as reinstatement of previously provided notching of FAA bands and frequencies.