

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WF2XHQ

(Call Sign)

XC MO

(Class of Station)

0112-EX-RR-2012

(File Number)

NAME BAE Systems Unmanned Aircraft Programs Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed Locations (Ground), Tucson, AZ, within 0.5 km, centered around NL 32-08-13; WL 110-55-20

Frequency Information

MOBILE: Temporary Fixed Locations (Ground), Tucson, AZ, within 0.5 km, centered around NL 32-08-13; WL 110-55-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	350KF1D	1 W (ERP)	
1755-1850 MHz	MO	16M5F8W 2M40W7D	2.4 W (ERP)	
2360-2400 MHz	MO	16M5F8W 2M40W7D	6 W (ERP)	

This authorization effective July 01, 2012 and
will expire 3:00 A.M. EST July 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with the Area Frequency Coordinator (AFC), Ft. Huachuca, Arizona, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFC, Ft. Huachuca, Arizona, as necessary to ensure compatibility with existing uses.
- (4) Operations must cease if they result in harmful interference to NASA balloon operations in the 2360 - 2400 MHz band.
- (5) Operation is subject to prior coordination with the Installation Spectrum Manager (ISM) at Davis Monthan Air Force Base for any tests conducted in the following frequency range M1755-1850. Telephone numbers to use (520) 228-4083/6844 or via email using eric.melville@dm.af.mil or duane.vandross@dm.af.mil.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the US Military contract number: N68335-08-C-0474, W15P7T-09-C-S007 and FA8650-09-C-7037. 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.
- (7) The designated point-of-contact to terminate transmissions if interference occurs is Christopher Troudt at 520-240-2974.
- (8) Operation is subject to prior coordination with Advances Wireless Service licensees in the nearby area prior to operating on the 1755-1850 MHz band.
- (9) Operation is NOT PERMITTED on the frequency band 225-399.9 MHz due to potential interference to Federal Government operations.