

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

EXPERIMENTAL

(Nature of Service)

WC9XNI

(Call Sign)

XD FX MO

(Class of Station)

0361-EX-ST-2007

(File Number)

NAME The Boeing 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:

2 Frequencies required in band. GLB SNRDS Synthesized Netlink Radio Data System will be used to transmit data from modified MD 530F rotory wing aircraft. The aircraft has been modified to fly

Station Locations

- (1) MOBILE: 80Km radius of Mesa at flight level 150, within 80 km, centered around NL 33-28-23; WL 111-43-36
- (2) Mesa, AZ - NL 33-28-23; WL 111-43-36
- (3) Winslow, AZ - NL 35-01-19; WL 110-43-21; MOBILE: 80Km radius of Winslow at flight level 150, within 80 km
- (4) MOBILE: 80Km radius of Winslow at flight level 150, within 80 km

Frequency Information

MOBILE: 80Km radius of Mesa at flight level 150, within 80 km, centered around NL 33-28-23; WL 111-43-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460-470 MHz	MO	5K00F3D	15.24 W (ERP)	

This authorization effective November 02, 2007 and
will expire 3:00 A.M. EST May 02, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Mesa, AZ - NL 33-28-23; WL 111-43-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460-470 MHz	FX	5K00F2N	34.13 W (ERP)	

Winslow, AZ - NL 35-01-19; WL 110-43-21; MOBILE: 80Km radius of Winslow at flight level 150, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460-470 MHz		5K00F2N	34.13 W (ERP)	

MOBILE: 80Km radius of Winslow at flight level 150, within 80 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460-470 MHz		5K00F3D	15.24 W (ERP)	

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.