

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

EXPERIMENTAL

(Nature of Service)

WF9XVN

(Call Sign)

XD FX MO

(Class of Station)

0423-EX-ST-2012

(File Number)

NAME Aerospace Corporation, THE

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:

Picosat

Station Locations

- (1) El Segundo (LOS ANGELES), CA - NL 33-54-52; WL 118-22-49
- (2) Anchorage, AK - NL 61-10-00; WL 150-01-00
- (3) Irwindale (LOS ANGELES), CA - NL 34-06-44; WL 117-58-53
- (4) Maui, HI - NL 20-42-29; WL 156-15-26
- (5) WSMR (DONA ANA), NM - NL 33-45-10; WL 106-22-21
- (6) Salt River Bay, UE - NL 17-39-01; WL 64-37-18
- (7) Kilauea (KAUAI), HI - NL 22-12-02; WL 159-25-51
- (8) MOBILE: 490 x 778 km elliptical orbit at 66 degree inclination
- (9) College Station (BRAZOS), TX - NL 30-36-41; WL 96-20-52
- (10) Gainesville (ALACHUA), FL - NL 29-38-53; WL 82-20-39

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-54-52; WL 118-22-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	357KF1D	1535 W (ERP)	0.016 %

This authorization effective August 01, 2012 and
will expire 3:00 A.M. EST February 02, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-54-52; WL 118-22-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	1M09F1D	1535 W (ERP)	0.016 %

Anchorage, AK - NL 61-10-00; WL 150-01-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	357KF1D 1M09F1D	775 W (ERP)	0.016 %

Irwindale (LOS ANGELES), CA - NL 34-06-44; WL 117-58-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	357KF1D 1M09F1D	775 W (ERP)	0.016 %

Maui, HI - NL 20-42-29; WL 156-15-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	357KF1D 1M09F1D	775 W (ERP)	0.016 %

Frequency Information

WSMR (DONA ANA), NM - NL 33-45-10; WL 106-22-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	357KF1D 1M09F1D	775 W (ERP)	0.016 %

Salt River Bay, UE - NL 17-39-01; WL 64-37-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7-914.7 MHz	FX	1M09F1D 1M09F1D	775 W (ERP)	0.016 %

Kilauea (KAUAI), HI - NL 22-12-02; WL 159-25-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	FX	357KF1D 1M09F1D	775 W (ERP)	0.016 %

MOBILE: 490 x 778 km elliptical orbit at 66 degree inclination

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7 MHz	MO	357KF1D 1M09F1D	3 W (ERP)	0.016 %

Frequency Information

College Station (BRAZOS), TX - NL 30-36-41; WL 96-20-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7-914.7 MHz	FX	1M09F1D 357KF1D	1258 W (ERP)	0.00016 %

Gainesville (ALACHUA), FL - NL 29-38-53; WL 82-20-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
914.7-914.7 MHz	FX	1M09F1D 357KF1D	1258 W (ERP)	0.00016 %

Special Conditions:

- (1) Aerospace Corp must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Richardson, (760) 939-6948/6832 prior to operating in California and the Area Frequency Coordinator at the White Sands Missile Range prior to operating in New Mexico
- (2) Aerospace Corp. must have White Sands Missile Range sponsor to obtain access to the site, and to operate any equipment at that location.