

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

EXPERIMENTAL

(Nature of Service)

WR9XBW

(Call Sign)

XT FX MO

(Class of Station)

1350-EX-ST-2020

(File Number)

NAME Cubic ISR Systems Inc.

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:

The purpose of this operation is to test a data link that communicates from an Aircraft to Multiple Ground control stations, as well as remotely piloted air vehicles. The WB-57 will climb from

Station Locations

- (1) MOBILE: Hold pattern race track see exhibit, within 300 km, centered around NL 29-26-43; WL 94-55-24
- (2) La Ward (JACKSON), TX - NL 28-50-39; WL 96-27-50
- (3) MOBILE: Race track hold See exhibit test summery, within 300 km, centered around NL 29-26-43; WL 94-55-24
- (4) Houston (HARRIS), TX - NL 30-11-27; WL 93-34-53
- (5) Houston (HARRIS), TX - NL 29-36-31; WL 95-10-08
- (6) Houston (HARRIS), TX - NL 29-36-34; WL 95-10-08
- (7) Houston (HARRIS), TX - NL 29-36-35; WL 95-10-12
- (8) Houston (HARRIS), TX - NL 29-36-34; WL 95-10-09
- (9) Houston (HARRIS), TX - NL 29-36-34; WL 95-10-12
- (10) Vinton (CALCASIEU), LA - NL 30-11-27; WL 93-34-53

This authorization effective October 01, 2020 and
will expire 3:00 A.M. EST January 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Hold pattern race track see exhibit, within 300 km, centered around NL 29-26-43; WL 94-55-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14470-14820 MHz	MO	34M3D1D	2.1 kW (ERP)	14.82 %

La Ward (JACKSON), TX - NL 28-50-39; WL 96-27-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15180-15335 MHz	FX	34M3D1D	478.6 W (ERP)	14.82 %

MOBILE: Race track hold See exhibit test summery, within 300 km, centered around NL 29-26-43; WL 94-55-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15180-15335 MHz	MO	34M3D1D	3 W (ERP)	14.82 %

Houston (HARRIS), TX - NL 30-11-27; WL 93-34-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15180-15335 MHz	FX	34M3D1D	95.5 W (ERP)	14.82 %

Frequency Information

Houston (HARRIS), TX - NL 29-36-31; WL 95-10-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15180-15335 MHz	FX	34M3D1D	13800 W (ERP)	14.82 %

Houston (HARRIS), TX - NL 29-36-34; WL 95-10-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14470-14820 MHz	FX	34M3D1D	95.5 W (ERP)	14.82 %

Houston (HARRIS), TX - NL 29-36-35; WL 95-10-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14470-14820 MHz	FX	34M3D1D	95.5 W (ERP)	14.82 %

Houston (HARRIS), TX - NL 29-36-34; WL 95-10-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15180-15335 MHz	FX	34M3D1D	2.1 kW (ERP)	14.82 %

Frequency Information

Houston (HARRIS), TX - NL 29-36-34; WL 95-10-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14470-14820 MHz	FX	34M3D1D	95.5 W (ERP)	14.82 %

Vinton (CALCASIEU), LA - NL 30-11-27; WL 93-34-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15180-15335 MHz	FX	34M3D1D	95.5 W (ERP)	14.82 %

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) The stop buzzer: Jared Olson
Phone: 858-775-9052
Email: jared.olson@cubic.com
- (3) Prior to commencing any operations in the 14.47-14.5 GHz frequency band, the applicant must notify the licensees listed below of its test dates and provide a stop buzzer in case of interference:

Name: Intelsat License LLC Phone Number: 703-559-7848
Fax Number: 703-559-8539
E-Mail: susan.crandall@intelsat.com
Attention: Susan H Crandall

Name: Jennifer D. Hindin Phone Number: 202-719-4975
Company: Wiley Rein LLP Fax Number: 202-719-7049
E-Mail: jhindin@wileyrein.com
Relationship: Legal Counsel