

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

EXPERIMENTAL

(Nature of Service)

WK2XDH

(Call Sign)

XT FX MO

(Class of Station)

0134-EX-CM-2020

(File Number)

NAME Alliant Techsystems Operations LLC

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(J) of the Commission's Rules

Station Locations

- (1) Elk River (ANOKA), MN - NL 45-24-38; WL 93-28-40
- (2) MOBILE: , within 2 km, centered around NL 45-24-38; WL 93-28-40
- (3) Wikieup (MOHAVE), AZ - NL 34-52-13; WL 113-35-10; MOBILE: , within 2 km, centered around NL 34-52-13; WL 113-35-10
- (4) Socorro (SOCORRO), NM - NL 34-01-46; WL 106-59-37; MOBILE: , within 2 km, centered around NL 34-01-46; WL 106-59-37

Frequency Information

Elk River (ANOKA), MN - NL 45-24-38; WL 93-28-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11.7-11.8 GHz	FX	25M0Q1D	5 kW (ERP)	

This authorization effective August 27, 2020 and
will expire 3:00 A.M. EST June 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: , within 2 km, centered around NL 45-24-38; WL 93-28-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11.7-11.8 GHz	MO	25M0Q1D	0.25 W (ERP)	

Wikieup (MOHAVE), AZ - NL 34-52-13; WL 113-35-10; MOBILE: , within 2 km, centered around NL 34-52-13; WL 113-35-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11.7-11.8 GHz	MO	25M0Q1D	0.25 W (ERP)	
11.7-11.8 GHz	FX	25M0Q1D	5 kW (ERP)	

Socorro (SOCORRO), NM - NL 34-01-46; WL 106-59-37; MOBILE: , within 2 km, centered around NL 34-01-46; WL 106-59-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11.7-11.8 GHz	MO	25M0Q1D	0.25 W (ERP)	
11.7-11.8 GHz	FX	25M0Q1D	5 kW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) The Stop Buzzer POC in case interference occurs is John Havlik
Phone: (763) 744.5683, Email: john.havlik [at] ngc.com.

Special Conditions:

- (4) Licensee shall ensure that the transmitting mobile station antenna(s) main beam gain tip down when possible and avoid pointing above the horizon to protect satellite stations.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.

Special Conditions:

- (6) Prior to commencing any operations in the 11.7-11.8 GHZ frequency band, Alliant Techsystems Operations LLC must notify the licensees listed below of its test dates and provide a stop buzzer in case of interference:

Parameters: Latitude=45° 24' 38", Longitude=93° 28' 40",
Call Sign: E910483 File Number: SES-RWL-20170913-01011

Licensee: BFI Licenses, LLC
ATTN: Mr. Jay LaPrise
Phone: 404-876-7149 Fax: E-Mail: jlaprise@encompass.tv

Counsel: LERMAN SENTER PLLC
ATTN:
Phone: 202-429-8970 Fax: E-Mail:

DistanceLatitude
LongitudeSite Address/
Contact InformationElevation
AMSLFrequency Lo/
Frequency Hi

26.83 45° 7' 52.9" N NAD83
93° 5' 42.8" W
6221 Holy Drive
Lino Lakes, MN
John Palmer (651) 429-8778 258.47 00011700.00000000 R
00012200.00000000

Call Sign: E6253 File Number: SES-RWL-20190304-00478

Licensee: NBC Telemundo License LLC
ATTN: Margaret L Tobey
Phone: 202-524-6401 Fax: 202-524-6411 E-Mail: margaret.tobey@nbcuni.com

Counsel: SAME AS APPLICANT
ATTN:
Phone: 202-524-6401 Fax: E-Mail:

DistanceLatitude
LongitudeSite Address/
Contact InformationElevation
AMSLFrequency Lo/
Frequency Hi

29.87 44° 58' 59.0" N NAD27

Specific 93° 23' 28.0" W

8811 OLSON MEMORIAL HIGHWAY

MINNEAPOLIS, MN

MICHELE TULLY 321-723-5395 271.3 00011700.00000000 R

00012200.00000000

Wikieup,MOHAVE,AZ- NL 34-52-13; WL 113-35-10

SES-LIC-20170801-00850

Bushtex, Inc.E170146 11700- 12200

SES-LIC-20170801-00851

Bushtex, Inc.E170147 11700- 12200

Name: Bushtex, Inc. Phone Number: 4804716688

Fax Number: 4808320943

Attention: Dr Adelaida V Severson

E-Mail: adelaida@bushtex.com

Socorro,SOCORRO,NM- NL 34-01-46; WL 106-59-37

SES-RWL-20080912-01195

KOB-TV, LLCE980349 11700- 12200

Name: KOB-TV, LLC Phone Number: 202-955-3000 x7040

Fax Number: 651-642-4334

Attention: CHARLES R NAFTALIN ESQ.

Name: CHARLES R. NAFTALIN Phone Number: (202) 457-7040

Company: HOLLAND & KNIGHT LLP Fax Number: (202) 955-5564

Attention: Relationship: Legal Counsel