

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

KA2XBU

(Call Sign)

0004-EX-TC-2001

(File Number)

NAME NORTHROP GRUMMAN CORPORATION

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. 5.202(i) of the Commission's Rules

Station Locations

- (1) (ANNE ARUNDEL), MD - NL 39-10-54; WL 76-41-24
- (2) (ANNE ARUNDEL), MD - NL 39-11-08; WL 76-42-11
- (3) (ANNE ARUNDEL), MD - NL 39-11-03; WL 76-41-09

Frequency Information

(ANNE ARUNDEL), MD - NL 39-10-54; WL 76-41-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	8M00M1D	100 kW (ERP)	
2700-2795 MHz	FX	5M00P0N	1.9 GW (ERP)	
2845-2880 MHz	FX	5M00P0N	1.9 GW (ERP)	

(ANNE ARUNDEL), MD - NL 39-11-08; WL 76-42-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	8M00M1D	100 kW (ERP)	
2700-2795 MHz	FX	5M00P0N	1.9 GW (ERP)	
2845-2880 MHz	FX	5M00P0N	1.9 GW (ERP)	

This authorization effective March 30, 2001 and
will expire 3:00 A.M. EST August 01, 2002

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

(ANNE ARUNDEL), MD - NL 39-11-03; WL 76-41-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2700-2795 MHz	FX	5M00P0N	1.9 GW (ERP)	
2845-2880 MHz	FX	5M00P0N	1.9 GW (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) The station identification requirements of Section 5.152 of the Commission's Rules are waived.
- (3) Operation on 1030 MHz at location 1 is authorized only for pulse repetition rate of 205 pps.
Operation on 1030 MHz at location 2 is authorized only for pulse repetition rate of 210 pps.
Operation on 1030 MHz at location 3 is authorized only for pulse repetition rate of 200 pps.
- (4) Subject to prior coordination with FAA Eastern Regional Office, JFK International Airport, New York 11430; Attn: Frequency Management Office. Phone (718) 712-8343.