

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

K F 2 X E E

(Call Sign)

5493-EX-RR-1997

(File Number)

NAME NORTHROP GRUMMAN CORPORATION

BETHPAGE, (NASSAU) NY - NL 40-45-39; WL 073-29-50

(Location of Station)

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.

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts
1090.00000	FX	2M00P0N	500W (ERP)

Frequency Tolerance: 0.01%

Operation: In accordance with Sec. 5.202(b) of the Commission's Rules.

Special Conditions:

See Attached Page 2

This authorization effective March 1, 1997 and
will expire 3:00 A.M. EST March 1, 1999

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

(1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Eastern Coordinator, New York, NY. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Eastern Coordinator, New York, NY, as necessary to ensure compatibility with existing uses.

(2) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. NAVY Contract No. N00019-83-C-0007. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.

(3) When Mode C type info is transmitted on 1090 Mhz, it must be seen as 600 feet and below or 60,000 feet or above to avoid problems with Collision Avoidance system.