

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

EXPERIMENTAL

(Nature of Service)

WA2XYK

(Call Sign)

XE MO

(Class of Station)

0083-EX-PL-1999

(File Number)

NAME ERIM International, Inc.

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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: Willow Run Airport, Ypsilanti, MI, Altitudes From 1000 ft to 25000 ft AGL, centered around NL 42-14-00; WL 83-33-00

Frequency Information

MOBILE: Willow Run Airport, Ypsilanti, MI, Altitudes From 1000 ft to 25000 ft AGL, centered around NL 42-14-00; WL 83-33-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1245 MHz	MO	8M33Q3N	400 kW (ERP)	0.00001 %
1255 MHz	MO	25M0Q3N	400 kW (ERP)	0.00001 %
1270 MHz	MO	50M0Q3N	400 kW (ERP)	0.00001 %
9565 MHz	MO	8M33Q3N	10 MW (ERP)	0.00001 %
9575 MHz	MO	25M0Q3N	10 MW (ERP)	0.00001 %
9590 MHz	MO	50M0Q3N	10 MW (ERP)	0.00001 %
9610 MHz	MO	83M3Q3N	10 MW (ERP)	

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.

This authorization effective December 06, 1999 and
will expire 3:00 A.M. EST December 01, 2001

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) The aircraft is required to be positioned in such a way that the center of the radiation swath follows a heading of 328 degrees referenced to true north (or a 148 degree heading on the return trip) from coordinates 421400N 0833300W in Ypsilanti, MI. The radiation is limited out to a distance of 130 NM from the coordinates listed along this heading and the aircraft is limited to radiating at a maximum altitude of 25,000 feet.
- (3) The center of the radiation swath is also permitted along a heading of 152 degrees reference to true north (or a 332 degree heading on the return trip) from coordinates 421400N 083330W in Ypsilanti, MI. The radiation is limited out to a distance of 200 NM from the coordinates listed along this heading and the aircraft is limited to radiating at a maximum altitude of 25,000 feet.
- (4) Coordination is required with the FAA's Great Lakes Region Frequency Management Office at least 72 hours prior to operations. The Great Lakes Regional Frequency Management office can be contacted Monday-Friday during regular business hours at (847) 294-7809/7616/7332/7010. Flight times will be coordinated and contact procedures established in the event of harmful interference is experienced. Operations will cease immediately in the event of interference. The Great Lakes Regional Frequency Management Office will in turn coordinate with the appropriate air traffic control facility