

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WC2XPE

(Call Sign)

0130-EX-RR-2004

(File Number)

NAME Aeronautical Radio 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. 5.3(i, j) of the Commission's Rules

Station Locations

(1) MOBILE: CONUS

Frequency Information

MOBILE: CONUS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14-14.5 GHz	MO	32M4M2D	10000 W (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 5.115 of the Commission's Rules are waived.
- (3) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (4) ARINC shall retain ownership of all equipment.
- (5) ARINC acknowledges and accepts that this authorization is for experimental purposes only and there is no vested interest in continuation beyond the term of this license. Any future service must be provided in a frequency band that is consistent with the table of allocations or any rulemaking proceeding.

This authorization effective November 01, 2004 and
will expire 3:00 A.M. EST May 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (6) This authorization is subject to the decisions issued January 4, 2005 by the Chief, Electromagnetic Compatibility Division.
- (7) Market study authorization is reduced from 120 to a maximum of 15 aircraft.