

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL
(Nature of Service)

K M 2 X O O
(Call Sign)

XE FX, MO
(Class of station)

S-2612-EX-96
(File number)

NAME AirNet Communications Corporation

Invovision '96 Conference, Rosemont, IL
(Location of station)

Special Temporary Authority is hereby granted to operate the radio transmitting apparatus described below:

Frequency (MHz)	Authorized Power (watts)	Emission Designator
910 - 915	0.1 (ERP)	25K0F9W
955 - 960	0.1 (ERP)	25K0F9W
1890 - 1895	0.1 (ERP)	25K0F9W
1970 - 1975	0.1 (ERP)	25K0F9W

Purpose of Operation: Demonstration of equipment at trade show.

Special Condition: Licensee is required to coordinate operations with local microwave users to avoid interference.

This special temporary authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This special temporary authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control by the Government of the United States conferred by Section 706 of the Communications Act of 1934.

This authorization effective October 13, 1996 and
will expire 3:00 A.M. EST. October 19, 1996



S-2612-EX-96

AIRNET COMMUNICATIONS CORPORATION
100 Rialto Place, Suite 300
Melbourne, Florida 32901
Tel# (407) 984-1990

September 16, 1996

Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, Pennsylvania 15251-5315

Re: Experimental Stations KM2XOQ & KA2XAF
Request for Special Temporary Authority

Dear Sir or Madam:

Pursuant to Section 5.56 of the Commission's Rules, 47 C.F.R. § 5.56, AirNet Communications Corporation ("AirNet"), requests that the Commission grant it Special Temporary Authority ("STA"), effective October 13, 1996, to expire on October 18, 1996, to operate Stations KM2XOQ and KA2XAF at an upcoming trade show.

The following information is provided pursuant to FCC Rule Section 5.56:

1. Name and Address of Applicant

AirNet Communications Corporation
100 Rialto Place
Suite 300
Melbourne, Florida 322901

Attn: David Thibodeau

2. Need for Special Action

To remain competitive and properly display its equipment, AirNet urgently needs the capability to demonstrate its technology "on-the-air" at an upcoming trade show. Without Special Temporary Authority, AirNet cannot perform demonstrations of its equipment away from its authorized, Melbourne, Florida, location.

3. Type of Operation to be Conducted

AirNet seeks to demonstrate the base station equipment for Stations KM2XOQ and KA2XAF at the Infovision 1996 trade show. All operations will be at extremely low power, with operations limited to a range of less than 500 feet. Additionally, all operations will be indoors, in the convention center exhibit area.

All operations will utilize a maximum ERP of 100 milliwatts.

4. Purpose of Operation

To generate customer feedback on the desirability and performance of the base station equipment, manufactured by AirNet and associated with Stations KM2XOQ and KA2XAF.

5. Time and Date of Operation

INFOVISION 1996 CONFERENCE
Rosemont Convention and Conference Center, Rosemont, IL
October 13-18, 1996.

6. Class of Station, Call Sign, Nature of Service

Class of Station: XE, FX/MO
Call Signs: KM2XOQ and KA2XAF
Nature of Service: Experimental

7. Location of Proposed Operations

See #5, above.

8. Equipment to be Used, Manufacturer, Model and Number of Units

The fixed base station and mobile station equipment proposed for use by this STA request are experimental and have been manufactured by AirNet. In addition, AirNet seeks to use various mobile units which have been manufactured by other companies.

9. Frequencies Desired

910.0000 - 915.0000 MHz,
955.0000 - 960.0000 MHz,

These frequencies are not used by mobile communications common carriers licensed under Part 22 of the Commission's Rules (e.g., cellular, air-to-ground).

1890-1895 MHz, and 1970-1975 MHz

These frequencies are currently allocated to the Personal Communications Service ("PCS") F Block, which has not yet been licensed by the Commission.

10. Plate Power Input to Final Radio Frequency Stage

Not applicable.

11. Type of Emission

The emission designator for the experimental stations is 25K0F9W.

12. Overall Height of Antenna Structure

Not applicable for indoor operations.

* * *

An anti-drug abuse certification, pursuant to 21 U.S.C. § 862, already on file with the Commission, on behalf of AirNet, is still valid. See FCC File No. 4476-EX-PL-94 (Item 21). The original of this request has been filed with the FCC's federal depository at Mellon Bank in Pittsburgh, Pennsylvania, accompanied by the appropriate fee of \$45.00.

If you have any questions regarding the nature of this request or the technical specifications contained herein, please contact our communications counsel, Grier C. Raclin, of Gardner, Carton & Douglas, 1301 K Street, N.W., 900 East Tower, Washington, D.C. 20005, (202) 408-7100.

Respectfully submitted,

AIRNET COMMUNICATIONS CORPORATION



David J. Thibodeau, Jr.
Vice President - General Counsel

cc: Mr. Doug Young (via facsimile)
FCC, Experimental Licensing Branch



FAX COVER SHEET

Page 1 of 2 pages

DATE: September 25, 1996

FROM: Douglas A. Young 1300 - C1
FEDERAL COMMUNICATIONS COMMISSION
Experimental Licensing Branch
2000 M Street, Suite 230
Washington, DC 20554

PHONE: (202) 418-2440

FAX: (202) 418-1918

TO: Mr. Grier C. Raclin
NAME

Gardner, Carton & Douglas
COMPANY

(202) 408 - 7100
PHONE

(202) 289 - 1504
FAX

Mr. Raclin:

Here is a copy of AirNet's STA for station KM2XOQ, File Number S-2612-EX-96. The original license will be mailed to the licensee upon receipt of the original application.

Doug Young



FAX COVER SHEET

Page 1 of 2 pages

DATE: August 29, 1996

FROM: Douglas A. Young 1300 - C1
FEDERAL COMMUNICATIONS COMMISSION
Experimental Licensing Branch
2000 M Street, Suite 230
Washington, DC 20554

PHONE: (202) 418-2440

FAX: (202) 418-1918

TO: Russ Taylor
NAME

Gardner, Carton & Douglas
COMPANY

(202) 408 - 7172
PHONE

(202) 289 - 1504
FAX

Mr Taylor:

Here is a copy of AirNet's STA for station KM2XOQ for the upcoming PCS '96 trade show in San Francisco. The original licenses will be mailed to the licensee shortly.

Doug Young