

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

K M 2 X 0 0
(Call Sign)

XD FX, MO
(Class of station)

8-2047-EX-95
(File number)

NAME AirNet Communications Corporation

Various trade shows (see below)
(Location of station)

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

Frequency (MHz)	Authorized Power (watts)	Emission Designator
895 - 905	1 (ERP)	25K0F9W
940 - 950	1 (ERP)	25K0F9W

This authorization is to demonstrate TACS, a cellular radio system used outside of North America.

Locations:

- (1) PCIA Orlando, FL September 21 - 23, 1995
- (2) CTIA Dallas, TX March 1996

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 September 1, 1995 and
will expire 3:00 A.M. EST. March 31, 1996



GARDNER, CARTON & DOUGLAS

1301 K STREET, N.W.

SUITE 900, EAST TOWER

WASHINGTON, D.C. 20005

(202) 408-7100

FACSIMILE: (202) 289-1504

WRITER'S DIRECT DIAL NUMBER

Russ Taylor
(202) 408-7172

CHICAGO, ILLINOIS

January 25, 1996

VIA R&S COURIER

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

Re: Station KM2XOQ; FCC File No. S-2047-EX-95
Request for Modification of Special Temporary Authority

Dear Sir or Madam:

Transmitted herewith, on behalf of AirNet Communications Corporation, is a request to modify its Special Temporary Authority ("STA") to demonstrate its equipment at various trade shows. Included with this application is a check made payable to the FCC in the amount of \$45.00 to cover the requisite filing fee (fee code EAE).

Please date-stamp the enclosed "S&R" copy of this filing and return it to the courier delivering this package. Should there be any questions concerning this matter, please contact the undersigned.

Sincerely,



Russ Taylor
Law Clerk

Enclosures

FEDERAL COMMUNICATIONS COMMISSION
FCC REMITTANCE ADVICE

Approved by OMB
3060-0589
Expires 2/28/97

PAGE NO. 1 OF

(RESERVED)

SPECIAL USE

FCC USE ONLY

FCC/MELLON JAN 25 1996

(Read instructions carefully BEFORE proceeding.)

PAYOR INFORMATION

(1) FCC ACCOUNT NUMBER 2024087100 Did you have a number prior to this? Enter it. (2) TOTAL AMOUNT PAID (dollars and cents) \$ 45.00

(3) PAYOR NAME (If paying by credit card, enter name exactly as it appears on your card)

Gardner Carton & Douglas

(4) STREET ADDRESS LINE NO. 1

1301 K Street, N.W.

(5) STREET ADDRESS LINE NO. 2

Suite 900

(6) CITY

Washington

(7) STATE

DC

(8) ZIP CODE

20005

(9) DAYTIME TELEPHONE NUMBER (Include area code)

202/408-7108

(10) COUNTRY CODE (if not U.S.A.)

ITEM #1 INFORMATION

(11A) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR

AirNet Communications Corporation

FCC USE ONLY

(12A) FCC CALL SIGN/OTHER ID

KM2X0Q

(13A) ZIP CODE

(14A) PAYMENT TYPE CODE

E A E

(15A) QUANTITY

1

(16A) FEE DUE FOR
PAYMENT TYPE CODE
IN BLOCK 14

\$ 45.00

(17A) FCC CODE 1

(18A) FCC CODE 2

(19A) ADDRESS LINE NO. 1

100 Rialto Place

(20A) ADDRESS LINE NO. 2

Suite 300

(21A) CITY/STATE OR COUNTRY CODE

Melbourne, FL

ITEM #2 INFORMATION

(11B) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR

FCC USE ONLY

(12B) FCC CALL SIGN/OTHER ID

(13B) ZIP CODE

(14B) PAYMENT TYPE CODE

(15B) QUANTITY

(16B) FEE DUE FOR
PAYMENT TYPE CODE
IN BLOCK 14

\$

(17B) FCC CODE 1

(18B) FCC CODE 2

(19B) ADDRESS LINE NO. 1

(20B) ADDRESS LINE NO. 2

(21B) CITY/STATE OR COUNTRY CODE

CREDIT CARD PAYMENT INFORMATION

(22) MASTERCARD/VISA ACCOUNT NUMBER:

☐ Mastercard

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EXPIRATION DATE:

--	--	--	--

Month

Year

☐ Visa

(23) I hereby authorize the FCC to charge my VISA or Mastercard for the service(s)/authorization(s) herein describe.

AUTHORIZED SIGNATURE

DATE

PAGE NO. 1 OF

FCC/MELLON JUL 19 1995

(Read instructions carefully BEFORE proceeding.)

(1) FCC ACCOUNT NUMBER										Did you have a number prior to this? Enter it.										(2) TOTAL AMOUNT PAID (dollars and cents)									
2	0	2	4	0	8	7	1	0	0											\$			4	5	.	0	0		

Gardner, Carton & Douglas

1301 K Street, N.W.

Suite 900

Washington

D. C.

2000.5

202 408 - 7172

(10) COUNTRY CODE (if not U.S.A.)

(11A) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR AirNet Communications Corporation	FCC USE ONLY
--	--------------

KM 2 x O Q

32901

E	A	E
---	---	---

1

(16A) FEE DUE FOR
PAYMENT TYPE CODE
IN BLOCK 14
\$ 45.00

(18A) FCC CODE 2

100 Rialto Place

Suite 300

Melbourne, Florida

(11B) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR	FCC USE ONLY
---	--------------

(13B) ZIP CODE

--	--	--	--

(16B) FEE DUE FOR
PAYMENT TYPE CODE
IN BLOCK 14
\$

(18B) FCC CODE 2

(21B) CITY/STATE OR COUNTRY CODE

(22)	MASTERCARD/VISA ACCOUNT NUMBER: ☐ Mastercard <table border="1" style="display: inline-table; width: 160px; height: 20px; vertical-align: middle;"></table>	EXPIRATION DATE: <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table>	<table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table> <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table>	
	☐ Visa	Month	Year	
(23)	I hereby authorize the FCC to charge my VISA or Mastercard for the service(s)/authorization(s) herein describe.			
		AUTHORIZED SIGNATURE	DATE	

5-2047-EX-957/10/85

AirNet Communications Corporation

100 Rialto Place
Suite 300
Melbourne, Florida 32901
(407) 984-1990

July 17, 1995

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

Re: Experimental Radio Station KM2XOQ
File No. S-1827-EX-95
Request for Extension of 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 the Commission to extend its Special Temporary Authority ("STA") granted on January 31, 1995, to expire on August 1, 1995, to operate Station KM2XOQ's base station equipment away from its licensed ~~site in Melbourne, Florida.~~

Specifically, AirNet seeks continued Commission authorization to demonstrate Station KM2XOQ at several communications trade shows in the upcoming months. These events are detailed in Exhibit A.

This STA is sought on an experimental and temporary basis. Pursuant to Section 2.803 of the Commission's Rules, the equipment will be clearly marked "This device has not been approved by the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased until the approval of the FCC has been obtained."

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

2. Need for Special Action

To remain competitive and properly display its equipment, AirNet urgently needs to demonstrate this equipment "on-the-air" at several upcoming trade shows. Without Special Temporary Authority, AirNet cannot perform demonstrations of its equipment away from its authorized coordinates.

3. Type of Operation to be Conducted

AirNet seeks to demonstrate the base station equipment for Station KM2XOQ at several communications trade shows. 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 hotel and convention center exhibit halls.

4. Purpose of Operation

To generate customer feedback on the desirability and performance of the base station equipment associated with Station KM2XOQ.

5. Time and Date of Operation

See Exhibit A, a listing of the trade shows and other events where AirNet seeks to demonstrate its base station equipment. AirNet requests the STA commence before August 1, 1995, and expire no sooner than March 31, 1996.

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

See Exhibit B.

Class of Station: XE, FX/MO
Call Sign: KM2XOQ
Nature of Service: Experimental

7. Location of Proposed Operation

See Exhibit A, a listing of the trade shows and other events where AirNet seeks to demonstrate its base station equipment.

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

As stated in Exhibit 3 of AirNet's Application for Experimental Authorization (FCC File No. 4476-EX-PL-94), the fixed base station and mobile station equipment proposed for use by this STA request are experimental and have been constructed by AirNet. In addition, AirNet seeks to use various mobile units which have been manufactured and approved for TACS operations in Europe.

9. Frequencies Desired

895.00000 - 905.00000 MHz, and
940.00000 - 950.00000 MHz

10. Plate Power Input to Final Radio Frequency Stage

Not applicable.

ERP?
> from previous STA, 1 W(ERP)
S-1827

11. Type of Emission

The emission designator for this experimental station is 25K0F9W.

12. Overall Height of Antenna Structure

As stated in Item 15 of AirNet's Application for Experimental Authorization (FCC File No. 4476-EX-PL-94), the antenna for this equipment does not extend more than 6 meters above the building it is situated upon.

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 or Susan H.R. Jones, of Gardner, Carton & Douglas, 1301 K Street, N.W., 900 East Tower, Washington, D.C. 20005, (202) 408-7100.

Respectfully submitted,

AirNet Communications Corporation

A handwritten signature in black ink, appearing to read "Victor D. Poor", written in a cursive style.

Victor D. Poor
Executive Vice President

Enclosure

cc: Ms. Kimberly M. Baum (by hand delivery)
Experimental Licensing Branch
Federal Communications Commission
2000 M Street, N.W.
Suite 230
Washington, D.C. 20554

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

EXPERIMENTAL

(Nature of Service)

K M 2 X O Q

(Call Sign)

XE FX, MO

(Class of Station)

4476-EX-PL-94

(File Number)

NAME AIRNET COMMUNICATIONS CORPORATIONMELBOURNE, (BREVARD) FL - NL 28-05-24; WL 080-37-28

(Location of Station)

MOBILE: Within 8KM of MELBOURNE

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.

MHz	Frequency	Emission Designator	Authorized Power watts
	895.00000-		
	905.00000	25K0F9W	3.000W (ERP)
	940.00000-		
	950.00000	25K0F9W	10.000W (ERP)

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

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) 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.
- (3) Licensee shall conduct frequency studies of the surrounding area prior to operation to avoid interference to authorized users.

This authorization effective November 14, 1994 and
will expire 3:00 A.M. EST November 1, 1996

FEDERAL
COMMUNICATIONS
COMMISSION



Trade Shows and Upcoming Events

<i>Sponsor</i>	<i>Date</i>	<i>Location</i>
PCIA	September 21-23, 1995	Orlando, Florida
CTIA	March 1996	Dallas, Texas

GARDNER, CARTON & DOUGLAS

1301 K STREET, N.W.

SUITE 900, EAST TOWER

WASHINGTON, D.C. 20005

(202) 408-7100

FACSIMILE: (202) 289-1504

WRITER'S DIRECT DIAL NUMBER

SUSAN H.R. JONES*

(202) 408-7108

**Admitted in New Jersey only*

CHICAGO, ILLINOIS

July 19, 1995

Federal Communications Commission
Feeable Correspondence
P.O. Box 358320
Pittsburgh, Pennsylvania 15251-5305

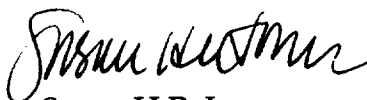
Re: Experimental Radio Station KM2XOQ
Request for Extension of Special Temporary Authority

Dear Sir or Madam:

Enclosed herewith, submitted on behalf of AirNet Communications Corporation ("AirNet"), is a Request for Extension of Special Temporary Authority ("STA") to operate the above-referenced station at various trade shows. This application is accompanied by the appropriate filing fee of \$45.00, fee type code EAE.

Please date stamp the enclosed "S&R" copy and return it to the courier delivering this package. In the event that any questions should arise related to this matter, kindly contact the undersigned counsel at the direct line noted above.

Sincerely,


Susan H.R. Jones

Enclosure

cc: Kimberly M. Baum, Experimental Licensing Branch