

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

K M 2 X O Q
(Call Sign)

XE FX, MO
(Class of station)

S-2113-EX-95
(File number)

NAME AirNet Communications Corporation

Within a 19 km radius of Melbourne, FL
(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	3 (ERP)	25K0F9W
940 - 950	10 (ERP)	25K0F9W/N0N

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

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 18, 1995 and
will expire 3:00 A.M. EST. October 19, 1995



S-2113-EX-PL

9/13/95

ORIGINAL**AirNet Communications Corporation**

100 Rialto Place

Suite 300

Melbourne, Florida 32901

(407) 984-1990

September 8, 1995

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

Re: **Experimental Radio Station KM2XOQ**
Request for Special Temporary Authority

Dear Sir or Madam:

On November 14, 1994, AirNet Communications Corporation ("AirNet") was granted an experimental authorization to operate Station KM2XOQ in the Melbourne, Florida, area. Pursuant to Section 5.56 of the Commission's Rules, 47 C.F.R. § 5.56, AirNet submits this request for Special Temporary Authority ("STA") to operate Station KM2XOQ in a manner not contemplated by its current authorization.

Specifically, AirNet seeks temporary Commission authorization to operate Station KM2XOQ for the purposes of "tone testing," operating from an 80-foot crane at different locations throughout a 12-mile radius, for a period not to exceed one month. See Exhibit A for a narrative explanation of the project. In all other respects, AirNet will continue to operate Station KM2XOQ in accordance with its current authorization. See Exhibit B (current authorization for Station KM2XOQ).

As it has done since it was granted an experimental license in November 1994, AirNet will continue to prevent co-channel and adjacent channel interference to authorized users in the surrounding area. AirNet has performed updated frequency searches for this request. See Exhibit C.

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 32901

- 80 ft crane
- Fax regarding
FAA approval

9/14 called R. Taylor
408-7172
- why do they need 3
additional base stations
if just doing some
testing for report

2. Need for Special Action

In order to conduct tests of its base station equipment, AirNet has procured an 80-foot crane in order to perform itinerant "tone testing." Without STA, AirNet will be unable to perform testing necessary for possible modification of its experimental license to operate at additional locations.

3. Type of Operation to be Conducted

See Exhibit A.

4. Purpose of Operation

To perform "tone testing" at itinerant locations. See Exhibit A.

5. Time and Date of Operation

From the date STA is granted, AirNet will conduct its tests for a period not to exceed one month.

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

Within a 12-mile radius of Station KM2XOQ's currently authorized coordinates.

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.

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. In addition, an 80-foot crane will be used for "tone testing."

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

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

EXHIBIT A

Cell Testing Plan

AirNet plans to conduct a series of single continuous wave (CW) tone tests to evaluate the suitability of locations for possible later approval and construction of approximately three (3) additional experimental cellular telephone base station sites. The sites to be tested are all within a twelve (12) mile radius of the current experimental base station location at 100 Rialto Place, Melbourne, Florida.

The tests will consist of broadcasting CW tones at no more than 10 watts ERP at a radiation center of 100 ft. AMSL. The tone frequency will be in the TACS (940 - 950 MHz) spectrum. The tone will be broadcast from a number of locations within the twelve mile radius. The tests will begin immediately upon approval and not extend past Oct. 31, 1995. Completion of the testing is scheduled for the end of September 1995 but the additional time is requested to accommodate the possibility of unforeseen difficulties.

AirNet takes the responsibility of ensuring that these tests are carried out on a non-interfering basis with any existing FCC authorized licensees in the TACS spectrum.

100 RIALTO PLACE, SUITE 300,, MELBOURNE, FL 32901

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

EXPERIMENTAL
(Nature of Service)

XE FX, MO
(Class of Station)

K M 2 X O Q
(Call Sign)

4476-EX-PL-94
(File Number)

NAME AIRNET COMMUNICATIONS CORPORATION
MELBOURNE, (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.

Frequency MHz	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 station 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**



FCC-ISI Database Search
35-Mile Radius of Licensed Site; 895-905 MHz

Please validate the parameters you have entered:

Latitude: N280524
 Longitude: W0803728
 Radius: 35.00
 Lower Frequency of Range: M895.0
 Higher Frequency of Range: M905.0

Are these values correct? (Y or N): y
 Preparing query . . .
 Processing query . . .

QUERY DATE: 05-Sep-95

Frequency	Licensee	Callsign	File Number	Exp Dt	Cls	Units	S				
Location	Str-Hgt	Hgt-Tip	Haat	Power	St Sv	Lat	Long	Dist	Bearing	LastChg	Type
896.00000	RAM MOBILE DATA USA LIM	WPAR702	9506R71134	713	MO	4	G				
MELBOURNE	4450 L ENTERPRISE CT	FL YS	28-08-14	080-42-11	5.79	304.2					
23	0	318	312	100.00	100.00	.0	(908)602-5500	950707	U		
896.00000	RAM MOBILE DATA USA LP	WPCE336	9504R58354	518	MO	700	G				
MELBOURNE	4450 L ENTERPRISE CT	FL YS	28-08-14	080-42-11	5.79	304.2					
7	0	97	95	100.00	100.00	.0	(908)602-5500	950530	U		
896.00000	RAM MOBILE DATA USA LP	WPCE335	9504R58356	518	MO	700	G				
COCOA	OFF PARRISH RD	FL YS	28-20-59	080-46-29	20.13	332.9					
6	0	122	123	100.00	100.00	.0	(908)602-5500	950530	U		
896.21250	INTERGLOBAL COMMUNICATIO	WNYQ490	9201569727	970310	MO	10	G				
VERO BEACH	7 MI W OF I95 1 MI S OF	FL GU	27-37-38	080-37-45	31.96	181.8					
25	0	275	299	35.00	50.00	60.0	(407)395-7666	930222	N		
896.21250	INTERGLOBAL COMMUNICATIO	WNXG749	9201570510	970302	MO	10	G				
MELBOURNE	W EAY GALLIE	FL GU	28-08-14	080-42-11	5.79	304.2					
22	0	498	421	35.00	50.00	60.0	(407)395-7666	930208	N		
896.23750	GREIN SR, GRANT H		505294		MO	70	P				
MELBOURNE	2 MI N	FL GU	28-02-49	080-40-34	4.33	226.6					
26	0	499	515	30.00	30.00	70.0	(813)461-2517	950726	N		
896.25000	ALKE, ROGER J		505714		MO	70	P				
MELBOURNE	2 MI N	FL GU	28-02-49	080-40-34	4.33	226.6					
26	0	499	515	30.00	30.00	70.0	(407)384-9441	950730	N		
896.96250	RINKER MATERIALS CORPORA	WPGR339	680320	309	MO	70	P				
WINTER BEACH	6599 65TH ST	FL GI	27-42-45	080-27-42	27.89	159.0					
18	0	200	170	30.00	30.00	25.0	(407)820-8352	950317	N		

896.96250 RINKER MATERIALS CORPORA WPGR339 9409680320 309 MO 70 G
WINTER BEACH 6599 65TH ST FL GI 27-42-45 080-27-42 27.89 159.0
18 0 200 170 30.00 30.00 25.0 (407)820-8352 950309 N

897.17500 JENKINS JR, BILLY J 505997 MO 70 P
MELBOURNE 2 MI N FL GU 28-02-49 080-40-34 4.33 226.6
26 0 499 515 30.00 60.00 70.0 (407)897-1443 950730 N

897.92500 RINKER MATERIALS CORPORA WPGR339 680320 309 MO 70 P
WINTER BEACH 6599 65TH ST FL GI 27-42-45 080-27-42 27.89 159.0
18 0 200 170 30.00 30.00 25.0 (407)820-8352 950317 N

897.92500 RINKER MATERIALS CORPORA WPGR339 9409680320 309 MO 70 G
WINTER BEACH 6599 65TH ST FL GI 27-42-45 080-27-42 27.89 159.0
18 0 200 170 30.00 30.00 25.0 (407)820-8352 950309 N

QUERY-COMplete

FCC-ISI Database Search
35-Mile Radius of Licensed Site; 940-950 MHz

Please validate the parameters you have entered:

Latitude: N280524
 Longitude: W0803728
 Radius: 35.00
 Lower Frequency of Range: M940.0
 Higher Frequency of Range: M950.0

Are these values correct? (Y or N): y
 Preparing query . . .
 Processing query . . .

QUERY DATE: 05-Sep-95

Frequency	Licensee	Callsign	File Number	Exp Dt	Cls	Units	S
Location	Str-Hgt	Hgt-Tip	Haat	Power	St Sv	Lat	Long
Asams1	Str-Hgt	Hgt-Tip	Haat	Power	Erp	Rad-Op	Phone
						Dist	Bearing
						LastChg	Type
945.00000	PALM BAY PUBLIC RADIO, I	WME889	911223MC			FXF	G
PALM BAY	2838	PALM BAY RD	FL BA	28-02-05	080-35-18	4.40	149.9
15	0	48	0	10.00	508.29	.0	920508
							A
945.50000	D V R BROADCASTING	WLP286	921022MJ				G
COCOA	2355	PLUCKEBAUM RD	FL BA	28-20-38	080-46-06	19.59	333.4
15	0	180	0	5.00	411.53	.0	930323
							M
947.00000	SILICON EAST COMMUNICATI	WOR35	900314MA	960201	FXF		G
MELBOURNE	1775	W HIBISCUS	FL BA	28-04-40	080-39-20	2.07	246.0
30	0	47	0	5.00	20.10	.0	900808
							M
947.50000	SOUTHLAND BROADCASTING	WHY938	841217MS	890201	FXF	1	G
CAPE CANAVERAL	210	CENTER STREET	FL BA	28-22-53	080-36-30	20.14	3.2
5	0	300	0	14.00	1500.00	.0	850116
							M
948.00000	TREASURE COAST BROADCAST	WDT44	881019MD	960201	FXF	1	G
VERO BEACH	1235	16TH STREET	FL BA	27-42-07	080-23-47	30.19	152.4
11	0	55	0	8.00	585.00	.0	890330
							M
949.00000	SANDAB COMMUNICATIONS	LT WBY20	881019MC	960201	FXF	1	G
VERO BEACH	1235	16TH STREET	FL BA	27-42-07	080-23-47	30.19	152.4
11	0	54	0	8.00	212.39	.0	890330
							M
949.00000	SOUTHLAND BROADCASTING	I WLD545	840712MI	890201	FXF	1	G
BELLWOOD	7800	S HIGHWAY 1	FL BA	28-29-35	080-46-51	29.41	341.0
12	0	146	0	14.00	7000.00	.0	840924
							A
949.50000	EZY COMM. INC.	WLN365	861124MK	890201	FXF		G
COCOA	2405	BROADCAST COURT	FL BA	28-22-02	080-45-11	20.68	337.7
15	0	150	0	10.00	189.00	.0	870427
							M
950.00000	MEDIA VI, A FL GENERAL P	WHY946	840725ML	960201	FXF	1	G
VERO BEACH	2001	9TH AVE	FL BA	27-38-17	080-23-33	34.27	155.4
15	0	59	0	7.00	555.00	.0	841012
							M



U.S. Department
of Transportation
Federal Aviation
Administration

Southern Region

P.O. Box 20636
Atlanta, Georgia 30320

ACKNOWLEDGEMENT OF NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

CITY	STATE	LATITUDE/LONGITUDE	MST.	AGL	AMSL
MELBOURNE	FL	28-06-29.06 080-41-24.20	20	80	100

AIRNET COMMUNICATIONS CORP.

AERONAUTICAL STUDY
No: 95-ASO-1748-OE

100 RIALTO PLACE
MELBOURNE, FL 32903

Type Structure: ANTENNA TOWER 38 GHZ, 1000 WATTS

The Federal Aviation Administration hereby acknowledges receipt of notice dated 06/14/95 concerning the proposed construction or alteration contained herein.

A study has been conducted under the provisions of Part 77 of the Federal Aviation Regulations to determine whether the proposed construction would be an obstruction to air navigation, whether it should be marked and lighted to enhance safety in air navigation, and whether supplemental notice of start and completion of construction is required to permit timely charting and notification to airmen. The findings of that study are as follows:

- * The proposed construction would not exceed FAA obstruction standards and would not be a hazard to air navigation.

Obstruction marking and lighting are not necessary.

This determination expires on 02/23/96 unless application is made, (if subject to the licensing authority of the Federal Communications Commission), to the FCC before that date, or it is otherwise extended, revised or terminated.

If the structure is subject to the licensing authority of the FCC, a copy of this acknowledgement will be sent to that agency.

NOTICE IS REQUIRED ANYTIME THE PROJECT IS ABANDONED OR THE PROPOSAL IS MODIFIED

SIGNED

Specialist, Systems Management Branch
(404) 305-5588.

ISSUED IN: College Park, Georgia

ON 08/24/95

* See page 2 for electromagnetic interference conditional statement.

GARDNER, CARTON & DOUGLAS
 1301 K Street, N.W.
 Suite 900, East Tower
 Washington, D.C. 20005-3317
 Telephone No. (202) 408-7100
 Facsimile No. (202) 289-1504

FACSIMILE COVER LETTER

DATE: September 11, 1995
 TO: Ms. Kimberly M. Baum
 COMPANY: Federal Communications Commission
 FROM: Russ Taylor

FAX
PHONE: 202/ 887-5637

DIRECT
PHONE #: 202/ 776-1606
PHONE #: (202) 408-7172

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET 3

MESSAGE:

Re: AirNet Communications Corporation

Kim: attached is the FAA letter that I spoke about today. Please associate this letter with AirNet's application for STA filed today.

You can fax the STA grant to me at (202) 289-1504. Thanks. Russ Taylor

IF THERE IS ANY PROBLEM WITH THIS TRANSMISSION, PLEASE CALL AS SOON AS POSSIBLE
(202) 408-7197

... CONFIDENTIALITY NOTE ...

The pages accompanying this facsimile transmission contain information from the law firm of Gardner, Carton & Douglas which is confidential or privileged. The information is intended to be for the use of the individual or entity named on this cover letter. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this information is prohibited. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

FOR G,C & D PERSONNEL USE ONLY
IF A DIFFICULTY ARISES WITH THIS TRANSMISSION PLEASE CONTACT THE
FOLLOWING GARDNER, CARTON & DOUGLAS PERSONNEL:

NAME: _____ PHONE # _____ (During normal business hours)
 NAME: _____ PHONE # _____ (During normal business hours)

AFTER TRANSMISSION, PLEASE RETURN TO THE FOLLOWING:

Secretary's In Box: _____ Sender's Chair: YES Other: _____

Secretary's Name and Floor: _____

Job #: _____ User Number: 7172 Client Number: 73021 Matter Number: 1

PAGE 2 OF 2 PAGES

AERONAUTICAL STUDY
NO. 95-ASU-1748-OM

ELECTROMAGNETIC INTERFERENCE (EMI) CONDITIONAL STATEMENT:

COMMON CARRIER FIXED MICROWAVE TRANSMITTER

FAA air/ground facility, frequency 121.9370 MHz, Melbourne, Florida, critical to aviation safety is located 2.14 nautical miles from your proposed transmitter site. You may cause harmful interference to these facilities if your equipment meets only minimum FCC standards for spurious emission. Before you begin any transmission from your facility, contact Vince Carnevale at 813-220-2571 to arrange procedures to verify that no interference is caused.

FCC requirements in 47 C.F.R. 21.107 (b) (Common Carrier Fixed Microwave Transmitters) indicate that licensees may need to employ extra filtering or take other measures if their transmission disrupt other services. The Commission requires its licensees to cooperate fully with other federal agencies (users in other services), in this case the FAA, to eliminate any harmful interference covered by the above requirements.

PAGE NO. 1 OF

SPECIAL USE

ECC/MELLON SEP 11 1995

PAYOR INFORMATION

(2) TOTAL AMOUNT PAID (dollars and cents)

\$ 45.00

Gardner Carton + Douglas

1301 K Street, N.W. # 900

Washington

(7) STATE
D. C.

(8) ZIP CODE
20005

202 408-7100

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

ITEM #1 INFORMATION

FCC USE ONLY	
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AirNet Communications Corp.

(15A) QUANTITY

KMZXOQ

32901

E	A	E
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1

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

(17A) FCC CODE 1

(18A) FCC CODE 2

(21A) CITY/STATE OR COUNTRY CODE

100 Rialto Place

Suite 300

Melbourne, FL

ITEM #2 INFORMATION

FCC USE ONLY	
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(15B) QUANTITY	UNIT	DESCRIPTION	DATE	TIME	INITIALS	REMARKS
1	HR	WORKING	10/10/2023	08:00	ABC	...
2	HR	WORKING	10/11/2023	08:00	ABC	...
3	HR	WORKING	10/12/2023	08:00	ABC	...
4	HR	WORKING	10/13/2023	08:00	ABC	...
5	HR	WORKING	10/14/2023	08:00	ABC	...
6	HR	WORKING	10/15/2023	08:00	ABC	...
7	HR	WORKING	10/16/2023	08:00	ABC	...
8	HR	WORKING	10/17/2023	08:00	ABC	...
9	HR	WORKING	10/18/2023	08:00	ABC	...
10	HR	WORKING	10/19/2023	08:00	ABC	...
11	HR	WORKING	10/20/2023	08:00	ABC	...
12	HR	WORKING	10/21/2023	08:00	ABC	...
13	HR	WORKING	10/22/2023	08:00	ABC	...
14	HR	WORKING	10/23/2023	08:00	ABC	...
15	HR	WORKING	10/24/2023	08:00	ABC	...
16	HR	WORKING	10/25/2023	08:00	ABC	...
17	HR	WORKING	10/26/2023	08:00	ABC	...
18	HR	WORKING	10/27/2023	08:00	ABC	...
19	HR	WORKING	10/28/2023	08:00	ABC	...
20	HR	WORKING	10/29/2023	08:00	ABC	...
21	HR	WORKING	10/30/2023	08:00	ABC	...
22	HR	WORKING	10/31/2023	08:00	ABC	...
23	HR	WORKING	11/01/2023	08:00	ABC	...
24	HR	WORKING	11/02/2023	08:00	ABC	...
25	HR	WORKING	11/03/2023	08:00	ABC	...
26	HR	WORKING	11/04/2023	08:00	ABC	...
27	HR	WORKING	11/05/2023	08:00	ABC	...
28	HR	WORKING	11/06/2023	08:00	ABC	...
29	HR	WORKING	11/07/2023	08:00	ABC	...
30	HR	WORKING	11/08/2023	08:00	ABC	...
31	HR	WORKING	11/09/2023	08:00	ABC	...
32	HR	WORKING	11/10/2023	08:00	ABC	...
33	HR	WORKING	11/11/2023	08:00	ABC	...
34	HR	WORKING	11/12/2023	08:00	ABC	...
35	HR	WORKING	11/13/2023	08:00	ABC	...
36	HR	WORKING	11/14/2023	08:00	ABC	...
37	HR	WORKING	11/15/2023	08:00	ABC	...
38	HR	WORKING	11/16/2023	08:00	ABC	...
39	HR	WORKING	11/17/2023	08:00	ABC	...
40	HR	WORKING	11/18/2023	08:00	ABC	...
41	HR	WORKING	11/19/2023	08:00	ABC	...
42	HR	WORKING	11/20/2023	08:00	ABC	...
43	HR	WORKING	11/21/2023	08:00	ABC	...
44	HR	WORKING	11/22/2023	08:00	ABC	...
45	HR	WORKING	11/23/2023	08:00	ABC	...
46	HR	WORKING	11/24/2023	08:00	ABC	...
47	HR	WORKING	11/25/2023	08:00	ABC	...
48	HR	WORKING	11/26/2023	08:00	ABC	...
49	HR	WORKING	11/27/2023	08:00	ABC	...
50	HR	WORKING	11/28/2023	08:00	ABC	...
51	HR	WORKING	11/29/2023	08:00	ABC	...
52	HR	WORKING	11/30/2023	08:00	ABC	...
53	HR	WORKING	12/01/2023	08:00	ABC	...
54	HR	WORKING	12/02/2023	08:00	ABC	...
55	HR	WORKING	12/03/2023	08:00	ABC	...
56	HR	WORKING	12/04/2023	08:00	ABC	...
57	HR	WORKING	12/05/2023	08:00	ABC	...
58	HR	WORKING	12/06/			

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

(17B) FCC CODE 1

(18B) FCC CODE 2

(21B) CITY/STATE OR COUNTRY CODE

CREDIT CARD PAYMENT INFORMATION

☐ Mastercard

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 _____



VIA TELECOPIER (202) 887-5637

DAVID J. THIBODEAU, JR.
Vice President - General Counsel

September 15, 1995

Ms. Kimberly M. Baum
Experimental Licensing Branch
Federal Communications Commission
2000 M Street, N.W., Suite 230
Washington, DC 20554Subject: Special Temporary Authority (STA) Request For 80 ft. Crane
Experiments in Melbourne, Florida Area

Dear Ms. Baum:

I understand that you have asked for additional clarification to our narrative statement supporting our request for Special Temporary Authority (STA) for testing from an 80 foot crane at multiple sites in Melbourne, Florida.

AirNet has developed what it believes to be a unique frequency planning technology which permits more efficient reuse of cellular frequencies. Since the frequency planning scheme uses three (3) cells at a time, transmissions from the additional sites are needed to prove its feasibility. The AirNet frequency reuse scheme, if viable, should provide for an approximate 25% increase in the number of cellular telephone users which may be supported in a given cell.

Our STA request is believed to be consistent with the statutory goals of the Federal Communications Commission to create an efficient wireless network, to encourage experimentation, and to encourage the development of new technologies for the public use, as proscribed at 47 U.S.C. §151 and §157.

If you require any further details of the AirNet frequency reuse STA testing plan, we would be happy to provide them.

We also remind you that the current STA is for preliminary testing only to identify three viable sites, and that a permanent request will be made once particular sites are identified.

Very truly yours,

A handwritten signature in black ink, appearing to read "David J. Thibodeau, Jr.".

David J. Thibodeau, Jr.

DJT/kl

legal/misc/licenses/baum.doc

100 Rialto Place • Suite 300 • Melbourne, FL 32901 • Phone (407) 984-1990 • Fax (407) 984-2348

FAX**Airnet Communications Corporation**
100 Rialto Place, Suite 300
Melbourne, FL 32901**Date** September 15, 1995**Number of pages including cover sheet** _____**To:** **Kim Baum**
FCC**From:** **Kathleen Lees**
Legal Assistant**Phone** _____**Fax Phone** (202) 887-5637**CC:** _____**Phone** 407-676-6753**Fax Phone** 407-676-9914**REMARKS:**☐ **Urgent** ☐ **For your review** ☐ **Reply ASAP** ☐ **Please comment**

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VIA TELECOPIER (202) 887-5637

DAVID J. THIBODEAU, JR.
Vice President - General Counsel

September 15, 1995

Ms. Kimberly M. Baum
Experimental Licensing Branch
Federal Communications Commission
2000 M Street, N.W., Suite 230
Washington, DC 20554

Subject: Special Temporary Authority (STA) Request For 80 ft. Crane
Experiments in Melbourne, Florida Area

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David J. Thibodeau, Jr.

DJT/kl