



U.S. Department
of Transportation
Federal Aviation
Administration

Southern Region

P. O. Box 20836
Atlanta, Georgia 30320

JAN 20 1994

Mr. Theodor Stathis
TCOM
7115 Thomas Edison Drive
Columbia, Maryland 21046

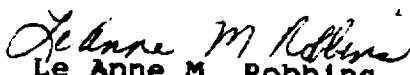
Dear Mr. Stathis:

The Federal Aviation Administration (FAA) has approved a very high frequency (VHF) on a temporary basis in support of your Aerostat flying demonstration, as requested in your letter of January 12, 1994.

The Spectrum Engineering Section, ASO-483, has assigned a temporary frequency at the Elizabeth City Guard, air traffic control tower (ATCT) in Elizabeth City, North Carolina. You are authorized to use Frequency 135.0 MHz for the period of March 1 to September 30, 1994. The frequency protected service volume (FPSV) is 60 nautical miles with a flight level 3000 feet.

Please address any additional questions/comments to Stephanie Thomas, Spectrum Engineering Section, ASO-483, at (404) 305-6674.

Sincerely,


Le Anne M. Robbins
Manager, Airway Facilities Division

WILKES, ARTIS, HEDRICK & LANE

CHARTERED

ATTORNEYS AT LAW

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May 13, 1993

Ms. Donna R. Searcy, Secretary
Federal Communications Commission
Experimental Radio Service
P.O. Box 358320
Pittsburgh, PA 15251-5320

**Re: Application for Experimental Radio Station
Authorization to Conduct Testing in the
Elizabeth City, North Carolina, Area**

Dear Ms. Searcy:

On behalf of TCOM, L.P., enclosed herewith for filing with the Commission is an application (FCC Form 442) for an experimental authorization to conduct testing of an unmanned tethered aerostat surveillance radar system. The testing program involves the operation of both the surveillance radar and associated transmitter links operating in the 118-135.975 MHz band located both in the tethered aerostat and the target boat at sea. The associated communications equipment is used for test control and coordinating purposes.

Our check in the amount of \$35.00, together with FCC Fee Form 155, to cover applicable filing fees are also enclosed.

Also enclosed is a prepaid, self-addressed envelope in which to return a receipt-stamp copy of the application.

Should there be any questions in connection with the application, please contact the undersigned.

Respectfully submitted,

WILKES, ARTIS, HEDRICK & LANE,
Chartered

By: 

Ramsey L. Woodworth

Attorneys for TCOM, L.P.

RLW/dw
Enclosures

WILKES, ARTIS, HEDRICK & LANE

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February 1, 1994

Mr. H. Franklin Wright
Chief, Frequency Liaison Branch
Office of Engineering and Technology
Federal Communications Commission
2025 M Street, N.W., Room 7322
Washington, D.C. 20554

**Re: TCOM, L.P. Application for Experimental License,
Elizabeth City, North Carolina**

Dear Mr. Wright:

This will supplement the above-referenced application, filed May 13, 1993, to provide the attached letter from the Southern Regional Office of the Federal Aviation Administration authorizing use of the frequency 135.0 MHz for the period from March 1 to September 30, 1994 in the Elizabeth City, North Carolina, area.

This frequency is assigned primarily to the Airport Control Tower Service under Subpart O of Part 87 of the Commission's rules. As set forth in the application, TCOM proposes to utilize an 8 kHz bandwidth channel centered on this frequency with a maximum effective radiated power of no more than 30 watts. The proposed bandwidth is consistent with the 25 kHz channel spacing plan for this frequency specified in Section 87.421 of the Commission's rules. The proposed power is consistent with the maximum power limitations (50 watts) for this frequency as set forth in Section 87.131 of the Commission's rules.

As indicated in the application, TCOM proposes to transmit on this frequency from two separate transmitter locations, each of which will be within the designated area and altitude limitation in which the FAA has authorized use of the frequency.

As now scheduled, the proposed test program is schedule to commence in early March, 1994. Accordingly, it is requested that the application be immediately granted in order to permit

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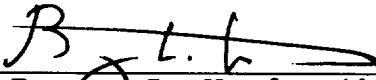
Mr. H. Franklin Wright
February 1, 1994
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the test program to go forward. It would also be appreciated if you would update the application to indicate the appropriate TCOM contact concerning the Test Program as Ted Stathis at (410) 312-2410.

Should there be any questions in connection with this matter, please contact the undersigned.

Respectfully submitted,

WILKES, ARTIS, HEDRICK & LANE,
Chartered

By: 

Ramsey L. Woodworth

Attorneys for TCOM, L.P.

RLW/dw
Enclosure