## FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

Approved by OMB 3060-0065 Expires 12/31/92

Public reporting burden for this collection of information is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Federal Communications Commission, Office of Managing Director, Washington, DC 20554, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (3060-0065), Washington, DC 20503.

## APPLICATION FOR NEW OR MODIFIED RADIO STATION AUTHORIZATION UNDER PART 5 OF FCC RULES - EXPERIMENTAL RADIO SERVICE (OTHER) THAN BROADCAST)

A. Applicant's Name and Post Office address (Give street, city, state, and ZIP Code. See Instruction No. 4)				DO NOT WRITE IN THIS BLOCK			
Electronic Equipment Bank, Inc. 323 Mill Street Vienna, VA 22180				File No. 3140	-EX-11-43		
2.(a) Application for	(check only one box)			2.(b) For Modification indicate below			
New Station				File No.: Call Sign:			
	nodification indicate ch	nange in (check all th	at apply)				
☐ Frequency	□ <b>E</b>	Emission	N Power	☐ Location		/	
☐ Other parti	iculars (describe below	or in attached Exhib	nit No	)			
	peration (See instruction	ns below)		T	Γ Γ	NECESSARY	
Frequency (State Whether kHz or MHz) (A)	POWER (B) (C)		(D)	EMISSION (E)	MODULATING SIGNAL (F)	BANDWIDTH (kHz) (G)	
5-15MHZ	150W	150W	PEAK	J7D	(1) 16 BAUDS		
					(2) 2.4KHZ		
					(3) NONE (4) NONE		
					(1) 110112		
			<del>,                                      </del>				
(B) Insert maximu (C) Insert maximu (D) Insert "MEAN (E) List each type (F) Insert as appro (1) the maxi (2) maximu (3) frequenc (4) pulse du For complex e	uency or frequency bar m R.F. output power a m effective radiated po N" or "PEAK" (See of of emission separately opriate for the type of imum speed of keying m audio modulating fre ey deviation of carrier; tration and repetition ra- emissions, describe in of the necessary bandwid	at the transmitter term ower from the antenna definitions in Part 5). for each frequency, modulation: in bauds; equency; ate. detail in the space pro-	ninals. Specify units.  (If pulsed emission (See Section 2.201)	n specify peak power). FCC Rules.)	E).		

5(a	). Proposed location of transmitter and transmitting antenna (Check only o	ne box)
	▼ FIXED/BASE	☐ BASE & MOBILE
(t	o) If permanently located at a fixed location, give below	(d) If mobile, describe the exact area of operation
Sta		
	VA FAIRFAX VIENNA	
Nu	mber and street (or other indication of location)  323 Mill Street, N.E.	
(c)	Geographical coordinates exact to the nearest second	(e) Geographical coordinates of the approximate center of proposed area of operation (mobile applications)
No	orth Latitude West Longitude	North Latitude West Longitude
	38 54 00 77 16 15	
6.	Is a directional antenna (other than radar) used?	☐ Yes
	If "YES", give the following information:	
	(a) Width of beam in degrees at the half-power point  (b) Orientation in horizontal plane  (c) Orientation in vertical plane	
7.	Is this authorization to be used for fulfilling the requirement of a government of a governmen	nent contract with an agency of the United States Government?
	☐ Yes	Ⅺ No
	If "Yes", attach as EXHIBIT No, a narrative statement des	scribing the government project, agency, and contact number.
8.	Is this authorization to be used for the exclusive purpose of developing ra	dio equipment for export to be employed by stations under the jurisdiction
	of a foreign government?	☐ Yes
	If "Yes", attach as EXHIBIT No, the following informatio	
	(a) The contract number and the name of the foreign government concern	
9.	Is this authorization to be used for providing communications essential to	a research project? (The radio communication is not the objective of the
	research project).	☐ Yes        X No
	If "Yes", attach as EXHIBIT No, a narrative statement pro	oviding the following information:
	(a) A description of the nature of the research project being conducted.	
	<ul><li>(b) A showing that the communications facilities requested are necessary</li><li>(c) A showing that existing communications facilities are inadequate.</li></ul>	for the research project involved.
	(c) A showing that existing communications facilities are madequate.	
10	If all the answers to Items 7, 8, and 9, are "No", attach as EXHIBIT N	o. <u>two</u> , a narrative statement describing in detail the following:
	(a) The complete program of research and experimentation proposed inclu	
	(b) The specific objectives sought to be accomplished.	
	(c) How the program of experimentation has a reasonable promise of cor	tribution to the development, extension, expansion, or utilization of the
	radio art, or is along line not already investigated.	
11	(a) Give an estimate of the length of time that will be required to comple	
	(b) If less than 2 years, give the length of time in months that the author	
12	. Would a Commission grant of this application come within Section 1.130	
	environmental impact?	☐ Yes            Ys No
	If you answer yes, submit an Environmental Assessment required by Section 1.	ion 1.1311.

	w transmitting equipment to be i	nstalled (if experimen	tal, so state):  TYPE		NO. OF UNITS
ICOM		т	RANSCEIVER		1
ICM			700		· <b>1</b>
				20	
14. Is the equ	ipment listed in Item 13 capable	e of station identificat	ion pursuant to Section 5.152	2?	
			☐ Yes	X No	
	antenna extend more than 6 meteor will the proposed antenna be				end more than 6 meters above the
			☐ Yes	⅓ No	
If "Yes"	, give the following (See Instruc	etion 9):			
(a) Outoro	Il height above ground to tip of	antanna is	matars		
(a) Overa	ii neight above ground to tip or	antenna is	_ meters.		
(b) Elevat	tion of ground at antenna site ab	ove mean sea level is	meters.		
(c) Distan	ce to nearest aircraft landing are	ea is		kilometers.	
(d) List a	ny natural formations of existing	man-made structures	: (hills trees water tanks to	wers etc.) which i	n the opinion of the applicant, would
	o shield the antenna from aircra	•			and opinion of the approxim, when a
(e) Submi	it as EXHIBIT No.	. a vertical profile sk	etch of total structure includi	ng supporting buildi	ng, if any, giving heights in meters
		•			ng, if any, giving heights in meters truction lighting already available.
		•			
above	ground for all significant featur	•			
above	ground for all significant features is (check only one box)	es. Clearly indicate e	xisting portion, noting partice	ulars of aviation obs	truction lighting already available.
above  16. Applicant  ☐ Indi	is (check only one box)	•			truction lighting already available.
above  16. Applicant  ☐ Indi	ground for all significant features is (check only one box)	es. Clearly indicate e	xisting portion, noting partice	ulars of aviation obs	truction lighting already available.
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16. Applicant  Indi Othe  17. Is applica	is (check only one box)  vidual  or (describe below)  Int a foreign government or a repeated or any party to this application.	Association  presentative of a foreign	Partnership  gn government?  Yes  tion license or permit revoke	ulars of aviation obs  ☑ Corp  ☑ No  d or had any applica	truction lighting already available.
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## 22. CERTIFICATION ATTENTION: Read this certification carefully before signing this application. THE APPLICANT CERTIFIES THAT: (a) Copies of the FCC Rules Parts 2 and 5 are on hand; and (b) Adequate financial appropriations have been made to carry on the program of experimentation which will be conducted by qualified personnel; and (c) All operations will be on an experimental basis in accordance with Part 5 and other applicable rules, and will be conducted in such a manner and at such a time as to preclude harmful interference to any authorized station; and (d) Grant of the authorization requested herein will not be construed as a finding on the part of the Commission (1) that the frequencies and other technical parameters specified in the authorization are the best suited for the proposed program of experimentation, and (2) that the applicant will be authorized to operate on any basis other than experimental, and (3) that the Commission is obligated by the results of the experimental program to make provision in its rules including its table of frequency allocations for applicant's type of operation on a regularly licensed basis. **APPLICANT CERTIFIES FURTHER THAT:** (e) All the statements in the application and attached exhibits are true, complete and correct to the best of the applicant's knowledge; and (f) The applicant is willing to finance and conduct the experimental program with full knowledge and understanding of the above limitations; and (g) The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the USA. May 4th \_\_\_\_\_ day of \_\_\_\_\_ Signed and dated this \_\_\_ Name of Applicant Electronic Equipment Bank, Inc. (correspond with name given on page 1) Richard F. Robinson

Title	President	

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S. CODE, TITLE 18, SECTION 1001.

(print)

Check Appropriate Classification:

(signature)

☐ Individual Applicant

☐ Member of Applicant Partnership

Office of Applicant Corporation or Association

☐ Authorized Employee

## NOTIFICATION TO INDIVIDUALS UNDER PRIVACY ACT OF 1974 AND THE PAPERWORK REDUCTION ACT OF 1980

Information requested through this form is authorized by the Communications Act of 1934, as amended, and specifically by Section 308 therein. The information will be used by Federal Communications Commission staff to determine eligibility for issuing authorizations in the use of the frequency spectrum and to effect the provisions of regulatory responsibilities rendered the Commission by the Act. Information requested by this form will be available to the public unless otherwise requested pursuant to Section 0.459 of FCC Rules and Regulations. Your response is required to obtain this authorization.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), and the Paperwork Reduction Act of 1980, P.L. 96-511, December 11, 1980, 44 U.S.C. 3507.