FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

r

. •

. •

. .

.

March 1996

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

••	Applicant's Name and Post Office address (Street address, city, state, and ZIP Code. See instruction No. 4)				DO NOT WRITE IN THIS BLOCK File No.				
Northrop c/o Vern 901 15th Suite 70 Washingt	er, Lii Street O	-	tion al.	5663-E	EX-ML-9	7			
2(a). Application f	or (check o	nly one box)		2(b). For Modificat	ion indicate belov	w:			
New station	New station Modification of existing authorization				File No:5138-EX-AL-96 Call Sign: KA2XGP				
				rticulars to be modif	ied. Check either				
FREQUENCY -			-	POWER -	Loc	ATION -			
🕅 addition or 📋 i	eplacement?	addition	or 🔲 replacement?	🗌 addition or 📋 r	eplacement?	addition or 🕅 replacement?			
4. Particulars of O	peration (se	e instruction	below)			1			
Frequency (state whether kHz or MHz)		POWER		EMISSION	MODULATING SIGNAL	NECESSARY BANDWIDTH (KHz)			
(A) 138-12, 200 MHz	(B) 1W	(C) 100W	(D)	(E) NON	(F)	(G) 0			
		1004	Mean		None				
38-144									
62 - 73									
 (B) Insert maximi (C) Insert maximi units. (D) Insert "MEAN" (E) List each type (F) Insert as appr (I) the maximi (2) maximum (3) frequency (4) pulse duration 	um R.F. outp im effectiv or "PEAK" of emission opriate for um speed o audio modul deviation c lon and rep	(See definition n separately f the type of m f keying in ba lating frequer of carrier; petition rate.	he transmitter te wer from the and ns in Part 5). For each frequence modulation: auds;	more space is require rminals. Specify uni tenna (If pulsed emi cy. (See Section 2.20)	ts. ssion, specify pea)			
				in space provided	FCC FCC	C Form 442 ~ Page 2			

(G) Describe how the necessary bandwidth was determined in space provided below.

5(b). Stat	. If permanently located	at a FIXED location, City or Tow		elow:		5(c). If mobile, desc operation	ribe the exact area of
Stat M						-	
	nber and street (or othe						
7147	' Ridge Road		ŝ,				
5(b)	(1). Enter geographical coordian	-	second (s Exhit		10)		I coordinates of the approxima tion (see instruction 10.)
North	h Latitude (DD-MM-SS)	West Longitude (D	D-MM-SS			North Latitude	West Longitude
	o ' "	0	,	**		o ,	" 0 /
 5(d)	. Datum (see instruction	10):	🗴	NAD 27		NAD 83	
	Is a directional antenna		sed? 🔀	YES		NO See Exhib:	it 3
	If "YES", give the follow (a) Width of beam in de	0	WOR DO	nt2 to 31	סר		
	(a) which of beam in de (b) Orientation in horizo					tion in vertical pla	ne 0 ± 15º
	Is this authorization to b United States Governme		the rea				. with an agency of the
	If "YES", attach as EXHIE			YES ative state	Ment	NO describing the gove	rnment project
	agency and contact num		a 11ai i	anve state	mem	describing the gove	a mitent project,
	Is this authorization to h				evelop	ing radio equipmen	t for export to be emplo
	by stations under the ju			ernment?	F-173		
				YES	X	NO	
	If "YES", attach as EXHIB name of the foreign go			nowing in	orma	uon: Provide the co	nuraci number and the
							1078-101-1
	Is this authorization to b cation is not the objection			unications	essent	ial to a research pr	oject? (The radio commu
	cation is not the objecti	ve or meresearch p		YES	X	NO	
		UT No	a narr	ative state	ment		ving information:
	If "YES", attach as EXHIE			oot holma -	000-00-	1.8-11.1	
	If "YES", attach as EXHIE (a) A description of the (b) A showing that the c	nature of the resear	ch proje				_
	(a) A description of the	nature of the resear communications facil	ch proje ities rec	quested are	e nece	ssary for the resear	_
	(a) A description of the(b) A showing that the c(c) A showing that exist	nature of the resear communications facil ing communications	ch proje ities red facilitie	quested are es are inad	equate	ssary for the resear	rch project involved.
10.	 (a) A description of the (b) A showing that the c (c) A showing that exist If all the answers to Ite in detail the following:	nature of the resear communications facil ing communications ms 7, 8, and 9, are "N(ch proje ities rec facilitie O", attac)	quested are es are inad h as EXHIB	equate	ssary for the resear	rch project involved. Arrative statement descr
10.	 (a) A description of the (b) A showing that the c (c) A showing that exist If all the answers to Ite 	nature of the resear communications facil ing communications ms 7, 8, and 9, are "No m of research and e:	ch proje ities rec facilitie O", attac)	quested are es are inad h as EXHIB	equate	ssary for the resear	rch project involved. Arrative statement descr
10.	 (a) A description of the (b) A showing that the of (c) A showing that exist If all the answers to Ite in detail the following: (a) The complete programma and theory of operate (b) The specific objective 	nature of the resear communications faciling communications ms 7, 8, and 9, are "No m of research and exion. es sought to be accord	ch proje ities red facilitie D", attacl xperime mplished	quested are es are inad h as EXHIB entation pr d.	e nece equate IT No. oposed	<u>4</u> a na	arrative statement descr
10.	 (a) A description of the (b) A showing that the of (c) A showing that exist If all the answers to Ite in detail the following: (a) The complete program and theory of operation (b) The specific objectiv (c) How the program of 	nature of the resear communications facili ing communications ms 7, 8, and 9, are "No m of research and en ion. es sought to be accor experimentation ha	ch proje ities red facilitie O", attacl xperime mplished s a reaso	quested are es are inad h as EXHIB entation pr d. onable pro	equate IT No. oposed	<u>4</u> a na including descripti f contribution to th	arrative statement descr
10.	 (a) A description of the (b) A showing that the of (c) A showing that exist If all the answers to Ite in detail the following: (a) The complete programing and theory of operate (b) The specific objective (c) How the program of expansion, or utilizate). Give an estimate of the specific of the specifi	nature of the resear communications faciling communications ms 7, 8, and 9, are "No m of research and ex- ion. es sought to be accor- experimentation ha- ion of the radio art, te length of time tha	ch proje ities red facilitie O", attacl xperime mplished s a rease or is ald	quested are es are inad h as EXHIB ntation pr d. onable pro ong line no	equate IT No. oposed mise cot alre	<u>4</u> a na including description f contribution to the	rch project involved. Arrative statement descri on of equipment a development, extensio
10. 11(a)	 (a) A description of the (b) A showing that the of (c) A showing that exist If all the answers to Ite in detail the following: (a) The complete programing and theory of operate (b) The specific objective (c) How the program of expansion, or utilizate 	nature of the resear communications faciling communications ms 7, 8, and 9, are "No m of research and et ion. es sought to be accor- experimentation ha- ion of the radio art, te length of time tha 5 years ve the length of tim	ch proje ities red facilitie O", attacl xperime mplished s a rease or is ald it will b	quested are es are inad h as EXHIB intation pro- d. onable pro- ong line no re required 	mise contracted to correct to cor	<u>4</u> a na including descripti f contribution to th ady investigated. nplete the program	arrative statement description of equipment e development, extension of experimentation prop
10. 11(a)	 (a) A description of the (b) A showing that the of (c) A showing that exist (d) A showing that exist (e) A showing that exist (f) all the answers to Ite in detail the following: (a) The complete program of operate (b) The specific objective (c) How the program of expansion, or utilizat (c) How the program of expansion, or utilizat (a) Give an estimate of the in this application: (c) If less than 2 years, give will be required: 	nature of the resear communications facili ing communications ms 7, 8, and 9, are "No m of research and en- ion. es sought to be accor- experimentation ha- ion of the radio art, te length of time tha 5 years ve the length of time trant of this applicat!	ch proje ities rec facilitie O", attacl xperime mplishec s a reasc or is alc it will b e in mo	quested are es are inad h as EXHIB entation pr d. onable pro ong line no e required enths that t e within S	e nece equate IT No. oposed mise c ot alre to cor .he aut	<u>4</u> , a na including description of contribution to the ady investigated. Applete the program thorization requester 1.1307 of the FCC R	arrative statement descr on of equipment e development, extension of experimentation pro-
10. 11(a) (b	 (a) A description of the (b) A showing that the of (c) A showing that exist If all the answers to Ite in detail the following: (a) The complete programmer and theory of operate (b) The specific objective (c) How the program of expansion, or utilizate b) Give an estimate of the in this application: b) If less than 2 years, give will be required: Would a Commission geometric constraints application of the statement of the state	nature of the resear communications faciling communications faciling ing communications ms 7, 8, and 9, are "No m of research and end ion. es sought to be accord experimentation hat ion of the radio art, te length of time that 5 years ve the length of time trant of this applicat! ntal impact (see inst	ch proje ities red facilitie D", attacl xperime mplished s a reaso or is ald it will b e in mo hon com ruction	quested are es are inad h as EXHIB entation pr d. onable pro ong line no e required e required e within S 11)?	in the autor of the section is a section in the section is a section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the s	<u>4</u> , a na including description of contribution to the ady investigated. Inplete the program chorization requeste 1.1307 of the FCC R YES	arrative statement description on of equipment the development, extension of experimentation proj d in this application ules, such that it may ha
10. 11(a) (b) 12.	 (a) A description of the (b) A showing that the of (c) A showing that exist If all the answers to Ite in detail the following: (a) The complete programmed and theory of operate (b) The specific objective (c) How the program of expansion, or utilizate b) Give an estimate of the in this application: b) If less than 2 years, give will be required: Would a Commission ge significant environmed 	nature of the resear communications faciling communications faciling communications ms 7, 8, and 9, are "No m of research and e: ion. es sought to be accord experimentation hat ion of the radio art, the length of time tha 5 years ve the length of time trant of this applicat: ntal impact (see inst IBIT No.	ch proje ities red facilitie O", attacl xperime mplished s a rease or is ald t will b e in mo lon com ruction	quested are es are inad h as EXHIB intation pr d. onable pro- ong line no e required 	equate equate IT No. oposed mise contaire to cor the aution ection mental	<u>4</u>	arrative statement description on of equipment the development, extension of experimentation proj d in this application ules, such that it may ha

ļ

-

4						
4. Is the	e equipment listed in It	em 13 capable of stati	on identification pursu	ant to Section 5.152?	YES	X N
more than	the antenna extend m than 6 meters above t a building?	he building, or will th				
(a) Or	ES", give the following verall height above gro	ound to tip of antenna				
(b) El	evation of ground at a	ntenna site above me	ean sea level is46	meters.		
(c) Di	istance to nearest aircr	aft landing area is _	164º @ 0.56		_ kilomete:	rs.
th	st any natural formatic le opinion of the applic gronautical hazard of th	ant, would tend to sh	nade structures (hills, t ield the antenna from	rees, water tanks, tow aircraft and thereby	ers, etc.) wl minimize tl	hich, in he
	he antennas <mark>are m</mark> n aviation obstrud				rs tall a	nd ha:
if	bmit as EXHIBIT No any, giving heights in ting particulars of avia	meters above ground	for all significant fea	atures. Clearly indicate		
. Appli	cant is <i>(Check only one</i>	boxl				
	NDIVIDUAL AS	SOCIATION	PARTNERSHIP	CORPORATION		
			_ FARINLASIII	M CORFORATION		
	OTHER (describe in space	e provided below)				
	plicant a foreign gover				YES	X N
Has a Applic		o this application had se or renewal denied	i any FCC station licens by this Commission?	se or permit revoked (or had any YES	X N4
Has a applic If "YE	pplicant or any party t ation for permit, licens	o this application had se or renewal denied oa sta	i any FCC station licens by this Commission?	se or permit revoked (or had any YES	
. Has a applic If "YE revok . Will a	pplicant or any party t ration for permit, licens S", attach as EXHIBIT N red and relate circumstr applicant be owner and	o this application had se or renewal denied o, a str ances. I operator of the stat!	any FCC station licens by this Commission? atement giving call sig on?	se or permit revoked ([n of license or permit	or had any YES XYES	
Has a applic If "YE revok Will a	pplicant or any party t ation for permit, licens CS", attach as EXHIBIT N ted and relate circumsta	o this application had se or renewal denied o, a str ances. I operator of the statt ne number (include a	any FCC station licens by this Commission? atement giving call sig on? area code), and Internet	se or permit revoked ([n of license or permit	or had any YES XYES	
 Has ay applic If "YE revok Will a Give who compares the second s	pplicant or any party t ration for permit, licens S", attach as EXHIBIT N red and relate circumstr applicant be owner and name, title, and telepho can best handle inquirie	o this application had se or renewal denied o, a sta ances. I operator of the stat! ne number (include a es pertaining to this a	any FCC station licens by this Commission? atement giving call sig on? area code), and Internet application.	se or permit revoked o [n of license or permit [c e-mail address (if app	or had any YES XYES	
 Has a; applic If "YE revok Will a Give who c 	pplicant or any party t ration for permit, licens S", attach as EXHIBIT N red and relate circumstr applicant be owner and name, title, and telepho can best handle inquirie e Balaz, Spectrum	o this application had se or renewal denied to, a state ances. I operator of the state ne number (include a es pertaining to this a Licensing Specia	any FCC station licens by this Commission? atement giving call sig on? area code), and Internet application.	se or permit revoked ([n of license or permit	or had any YES XYES	
 Has ay applic If "YE revok Will a Give who c Steve APPLK By ch. 	pplicant or any party t ation for permit, licens S", attach as EXHIBIT N applicant be owner and name, title, and telepho can best handle inquiri- Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indiv	o this application had se or renewal denied o, a strances. I operator of the stath- ne number (include a es pertaining to this a Licensing Specia. E CERTIFICATION: idual applicant certifi	any FCC station licens by this Commission? atement giving call sig on? area code), and Internet application. list (410) ies that he or she is eli	se or permit revoked o [n of license or permit [c e-mail address (if app 765-5626 [gible for this license.	or had any YES X YES Dicable) of This require	No N
 Has ay applic If "YE revok Will a Give who c Steve APPLK By chube or 	pplicant or any party t action for permit, licens S", attach as EXHIBIT N applicant be owner and name, title, and telepho can best handle inquiri- Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indiv she is not subject to a	o this application had se or renewal denied o, a str ances. I operator of the stath ne number (include a es pertaining to this a Licensing Specia. E CERTIFICATION: idual applicant certifi denial of federal ben	a any FCC station licens by this Commission? atement giving call sig on? area code), and Internet application. list (410) lies that he or she is eli- liefits, including FCC be	se or permit revoked o [in of license or permit [: e-mail address (if app 765-5626 [gible for this license. enefits, as a result of a	This required	Not
 Has ay applic If "YE revok Will a Give who c Steve APPLK By chase or convice e.g., cc 	pplicant or any party t tation for permit, licens S", attach as EXHIBIT N applicant be owner and name, title, and telepho can best handle inquirie Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indiv she is not subject to a ction pursuant to Sectio proportion, partnership	o this application had se or renewal denied o, a state ances. I operator of the stath ne number (include a es pertaining to this a Licensing Specia. E CERTIFICATION: idual applicant certifi denial of federal ben on 5801 of the Anti- D or other unincorporat	any FCC station licensiby this Commission? atement giving call signon? area code), and Internet application. list (410) lies that he or she is elitefits, including FCC be Drug Abuse Act of 1988, ted association, certifie	se or permit revoked of in of license or permit c e-mail address (if app 765-5626 ligible for this license. enefits, as a result of a 21 U.S.C. 862. A non- ir es that no party to the	This required drug offer application	Not person
 Has ay applic If "YE revok Will a Give who c Steve APPLK By chase or convice e.g., cc subject 	pplicant or any party t action for permit, licens S", attach as EXHIBIT N applicant be owner and name, title, and telepho can best handle inquiri- Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indiv she is not subject to a ction pursuant to Section	o this application had se or renewal denied o, a state ances. I operator of the stath ne number (include a es pertaining to this a Licensing Specia. E CERTIFICATION: idual applicant certifi denial of federal ben on 5801 of the Anti- D or other unincorporat	any FCC station licensiby this Commission? atement giving call signon? area code), and Internet application. list (410) lies that he or she is elitefits, including FCC be Drug Abuse Act of 1988, ted association, certifie	se or permit revoked of in of license or permit c e-mail address (if app 765-5626 Igible for this license. enefits, as a result of a 21 U.S.C. 862. A non- ir es that no party to the nition of a "party" for	This required drug offer application these purp	E No person es that pplicant is posses,
 Has ay applic If "YE revok Will a Give who convice Steve APPLIC By characteristic on vice e.g., convice subject see 47 	pplicant or any party t tation for permit, license 25°, attach as EXHIBIT N ced and relate circumstr applicant be owner and name, title, and telepho can best handle inquirie Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indiv she is not subject to a ction pursuant to Section performation, partnership et to a denial of federa ' CFR 1.2002(b).	o this application had se or renewal denied o, a statut ances. I operator of the statu- ne number (include a es pertaining to this a Licensing Specia . E CERTIFICATION: idual applicant certifi denial of federal ben on 5801 of the Anti- D or other unincorpora I benefits, pursuant to	any FCC station license by this Commission? atement giving call sign on? area code), and Internet application. list (410) ties that he or she is elf teefits, including FCC be Drug Abuse Act of 1988, ted association, certifie o that section. For defi	se or permit revoked of in of license or permit c e-mail address (if app 765-5626 ligible for this license. enefits, as a result of a 21 U.S.C. 862. A non- ir es that no party to the nition of a "party" for	This required drug offer application these purp	Normalized States (Second States) (Second Stat
 Has ay applic If "YE revok Will a Give who convice Steve APPLIC By characteristic and the or convice subject see 47 	pplicant or any party t tation for permit, licens S", attach as EXHIBIT N applicant be owner and name, title, and telepho can best handle inquirie Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indiv she is not subject to a ction pursuant to Section proportion, partnership et to a denial of federa	o this application had se or renewal denied o, a statut ances. I operator of the statu- ne number (include a es pertaining to this a Licensing Specia . E CERTIFICATION: idual applicant certifi denial of federal ben on 5801 of the Anti- D or other unincorpora I benefits, pursuant to	any FCC station license by this Commission? atement giving call sign on? area code), and Internet application. list (410) ties that he or she is elf teefits, including FCC be Drug Abuse Act of 1988, ted association, certifie o that section. For defi	se or permit revoked of in of license or permit c e-mail address (if app 765-5626 ligible for this license. enefits, as a result of a 21 U.S.C. 862. A non- ir es that no party to the nition of a "party" for	This required drug offer application these purp	Normalized States (Second States) (Second Stat
 Has ay applic If "YE revok Will a Give who convices the or convice see 47 List be 	pplicant or any party t ration for permit, licens 25", attach as EXHIBIT N red and relate circumstr applicant be owner and name, title, and telepho can best handle inquirie Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indiv she is not subject to a ction pursuant to Section proportion, partnership et to a denial of federa 'CFR 1.2002(b).	o this application had se or renewal denied o, a statut ances. I operator of the statu- ne number (include a es pertaining to this a Licensing Specia . E CERTIFICATION: idual applicant certifi denial of federal ben on 5801 of the Anti- D or other unincorpora I benefits, pursuant to	any FCC station license by this Commission? atement giving call sign on? area code), and Internet application. list (410) ties that he or she is elf teefits, including FCC be Drug Abuse Act of 1988, ted association, certifie o that section. For defi	se or permit revoked of in of license or permit c e-mail address (if app 765-5626 ligible for this license. enefits, as a result of a 21 U.S.C. 862. A non- ir es that no party to the nition of a "party" for	This required application these purp	Normalized States (Second States) (Second Stat
 Has ay applic If "YE revok Will a O. Give who convice Steve APPLIC By characteristic by characteristic set 47 Exhibit NUME 1 	pplicant or any party t tation for permit, license possible for permit, license provide and relate circumster applicant be owner and name, title, and telephon can best handle inquiries Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indiv she is not subject to a ction pursuant to Section performation, partnership et to a denial of federa 'CFR 1.2002(b). elow all exhibits in nu ster item NO. OF FORM 4a	o this application had se or renewal denied o, a state ances. I operator of the stati- ne number (include a es pertaining to this a Licensing Specia. E CERTIFICATION: idual applicant certifi denial of federal ben on 580i of the Anti- D or other unincorpora I benefits, pursuant to merical sequence and	any FCC station licensiby this Commission? atement giving call signon? area code), and Internet application. list (410) les that he or she is eli- tefits, including FCC be Drug Abuse Act of 1988, ted association, certifies o that section. For defi- the item number of for	se or permit revoked of in of license or permit t e-mail address (if app 765-5626 ligible for this license. enefits, as a result of a 21 U.S.C. 862. A non- ir es that no party to the nition of a "party" for [orm requiring the exh	This required application these purp	Normalized
A. Has ay applic If "YE revok . Will a D. Give who c Steve . APPLK By ch he or convic e.g., cc subjec see 47 2. List be 1 2	pplicant or any party t tation for permit, license estion for permit, license strate of the second second pane title, and telephone tan best handle inquiries Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indivi- she is not subject to a ction pursuant to Section provation, partnership of to a denial of federa "CFR 1.2002(b). elow all exhibits in nu BER ITEM NO. OF FORM 4a 5c	o this application had se or renewal denied o, a state ances. I operator of the stati- ne number (include a es pertaining to this a Licensing Specia. E CERTIFICATION: idual applicant certifi denial of federal ben on 580i of the Anti- D or other unincorpora I benefits, pursuant to merical sequence and	any FCC station licensiby this Commission? atement giving call signon? area code), and Internet application. list (410) les that he or she is eli- tefits, including FCC be Drug Abuse Act of 1988, ted association, certifies o that section. For defi- the item number of for	se or permit revoked of in of license or permit t e-mail address (if app 765-5626 ligible for this license. enefits, as a result of a 21 U.S.C. 862. A non- ir es that no party to the nition of a "party" for [orm requiring the exh	This required application these purp	Normalized
 Has aj applic If "YE revok Will a O. Give who c Steve APPLK By ch he or convic eg, cc subjec see 47 Exhibit Nume 1 2 3 	pplicant or any party t tation for permit, license estion for permit, license station for permit, license station for permit, license station for permit, license station as EXHIBIT N ted and relate circumster applicant be owner and name, title, and telephon ban best handle inquirie Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indivi- she is not subject to a ction pursuant to Section provident of federa "CFR 1.2002(b). elow all exhibits in nu station for the station of the station of the station 4a 5c 6	o this application had se or renewal denied o, a state ances. I operator of the stati- ne number (include a es pertaining to this a Licensing Specia. E CERTIFICATION: idual applicant certifi denial of federal ben on 580i of the Anti- D or other unincorpora I benefits, pursuant to merical sequence and	any FCC station licensiby this Commission? atement giving call signon? area code), and Internet application. list (410) les that he or she is eli- tefits, including FCC be Drug Abuse Act of 1988, ted association, certifies o that section. For defi- the item number of for	se or permit revoked of in of license or permit t e-mail address (if app 765-5626 ligible for this license. enefits, as a result of a 21 U.S.C. 862. A non- ir es that no party to the nition of a "party" for [orm requiring the exh	This required application these purp	Normalized
Has ay applic If "YE revok Will a O. Give who c Steve By ch he or convic e.g., cc subjec see 47 C. List be XHIBIT NUME	pplicant or any party t tation for permit, license estion for permit, license strate of the second second pane title, and telephone tan best handle inquiries Balaz, Spectrum CANT ANTI-DRUG ABUS ecking "YES", the indivi- she is not subject to a ction pursuant to Section provation, partnership of to a denial of federa "CFR 1.2002(b). elow all exhibits in nu BER ITEM NO. OF FORM 4a 5c	o this application had se or renewal denied o, a state ances. I operator of the stati- ne number (include a es pertaining to this a Licensing Specia. E CERTIFICATION: idual applicant certifi denial of federal ben on 580i of the Anti- D or other unincorpora I benefits, pursuant to merical sequence and	any FCC station licensiby this Commission? atement giving call signon? area code), and Internet application. list (410) les that he or she is eli- tefits, including FCC be Drug Abuse Act of 1988, ted association, certifies o that section. For defi- the item number of for	se or permit revoked of in of license or permit t e-mail address (if app 765-5626 ligible for this license. enefits, as a result of a 21 U.S.C. 862. A non- ir es that no party to the nition of a "party" for [orm requiring the exh	This required application these purp	Normalized

•

FCC Form 442 - Page 4 March 1996

23. CERTIFICATION:

Attention: Read this certification carefully before signing this application.

THE APPLICANT CERTIFIES THAT:

- (a) Copies of FCC Rule 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:(l) 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.

iven on page 11 Contraction Contractions	
C John	>
C Jehn (signature)	>
fisignaturel	
ciation	
	ciation AND/OR IMPRISONMENT

willFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18 Section 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

> 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 specified 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 by the Commission by the Act. Information requested by this form will be available to the public unless otherwise requested pursuant to 47 CFR 0.459 of the FCC Rules and Regulations. Your response is required to obtain this authorization.

Public reporting burden for this collection of information is estimated to average four (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 the burden to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0065), Washington, DC 20554. **DO NOT send completed applications to this** address. Individuals are not required to respond to this collection unless it displays a currently valid OMB control number.

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.