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				DO NOT WRITE IN THIS BLOCK File No.			
c/o Verr McPher 901 15th Attn. Th	ner, Liip son and l		nhard, d.	5737	EX-PL-9		
2(a). Application	-	·		2(b). For Modific	ation indicate below	Sign: UA2XL6	
New station		diffication of exist		File No.:	Call	Sign:	
					illed. Check either	current authorization	
FREQUENCY -		EMISSION	-	POWER -	Loc	ATION -	
OTHER PARTICUL	.ARS - addition (or replacement? (D	describe below or in	attached EXHIBIT No.)		
4. Particulars of	Operation (se	e instruction :	pelow)				
frequency istate whether kHz or MHz)		POWER		EMISSION	MODULATING SIGNAL	NECESSARY BANDWIDTH (KHZ)	
(A) 1 700-9900M Hz	(B) 17KW	8.5MW	Peak	(E) 8M64P0N	Pulsed	(G) 8640	
/00-2200112			, can	<u> </u>	7 01300	0040	
		ļ					
							
(E) Insert maxi (C) Insert maxi units. (D) Insert "MEA	mum R.F. outp mum effectiv N" or "PEAK"	ut power at the radiated pow	ne transmitter terver from the ant is in Part 5). or each frequenc	rminals. Specify u	nission, specify peal)	

FIXED/BASE	☐ MOBIL	Ē			only one box to indica BASE AND MOBILE	
5(b). If permanently located at a	a FIXED location		elow:		5(c). If mobile, describe operation	oe the exact area of
MD Anne Arundel	Linthic					
Number and street (or other ind	ilcation of locat	ion)				
7323 Aviation Blvd.		\$,				
5(b)(1), Enter geographical coordiantes e	exact to the nearest	second (s	ee instruction	10)	5(c)(1)Enter geographical concenter of mobile operation	ordinates of the approximate (see instruction 10.)
North Latitude (DD-MM-SS)	West Longitude (E	DD-MM-SS)		North Latitude	West Longitude
39 [°] 11 09	076 °	41	10		0 ,	0 "
(xd). Datum (see instruction 10):		X	NAD 27		NAD 88	
 Is a directional antenna (other If "YES", give the following it 		used?	YES	X	NO	
(a) Width of beam in degrees		wer poir	ıt			
(b) Orientation in horizontal	plane		(c) O	rienta	ation in vertical plane	
7. Is this authorization to be used United States Government?	ed for fulfilling	tne req				ith an agency of the
If "YES", attach as EXHIBIT No	(a	الما	YES	لعط	NO	mant project
agency and contact number.	0	_ a narra	ilive state	пепс	describing the governi	ment project,
3. Is this authorization to be use	ed for the exclu	isive pur	roose of de	velor	ing radio equipment fo	or export to be employe
by stations under the jurisdic				. 010 p	ang radio oquipmoni r	or employe
		X	YES		NO	
If "YES", attach as EXHIBIT No	o2	, the fol	lowing inf	orma	tion: Provide the contra	act number and the
name of the foreign govern	ment concerned	•				
) Is this outhorization to be use	ed for providing	~ ^^~	niontions	occo n t	tial to a magazanah manian	at? (The radio communi-
 Is this authorization to be use cation is not the objective of 		-	incations (essem	nar to a research projec	or (The radio communi-
	_		YES	X	NO	
If "YES", attach as EXHIBIT No. (a) A description of the nature						g information:
(b) A showing that the comm						project involved.
(c) A showing that existing (communications	facilities	s are inade	equate	e.	
O. If all the answers to Items 7,	8 and C are "N(O" attach	ac FY HIBI	T No	י מחתרת פ	tive statement describin
in detail the following:	o, and e, are no	o, altacii	as EXHIDI	1 100.	a nana	tive statement describin
(a) The complete program of	research and ex	xperimer	itation pro	posed	including description	of equipment
and theory of operation. (b) The specific objectives so	ought to be accor	mplished.				
(c) How the program of expe	erimentation has	s a reaso	nable pron			evelopment, extension,
expansion, or utilization of						
i(a). Give an estimate of the len in this application:		it will be	required	to con	nplete the program of	experimentation propose
(b) If less than 2 years, give th		e in mor	the that th	ne auf	horization requested is	this application
will be required:				ic du	.iioi ization Tequestea II	i iiis application
2. Would a Commission grant	of this applicati	lon come	within Se	ction	1.1307 of the FCC Rules	such that it may have
	Immost food that	ruction 1	1)?		yes 🔀 no	
significant environmental						
significant environmental if "YES", attach as EXHIBIT				ental	Assessment as require	d by Section 1.1811.
If "YES", attach as EXHIBIT : 8. List below transmitting equ	No	ar	Environm	ental,	so state):	
If "YES", attach as EXHIBIT	No	ar	Environn	ental, NUMB	so state):	NO. OF UNITS

14.	Is the equ	ipment listed in It	em 13 capable of stat	ion identification purs	uant to Section 5.152?	☐ YES	K NO
15.		n 6 meters above t		ove the ground, or if me proposed antenna by YES			
			(see instruction 9): ound to tip of antenn	a is met	ers.		
	(b) Elevati	on of ground at a	ntenna site above m	ean sea level is	meters.		
	(e) Distanc	e to nearest aircr	aft landing area is _			_ kilomete	ers.
	the opi		ant, would tend to sl	made structures (hills, tailed the antenna from			
`	if any,	giving heights in	meters above ground	al profile sketch of tot d for all significant fea nting already available.	atures. Clearly indicate		
16.	Applicant	is: Check only one	boxi				
	☐ INDIV	ridual 🗌 as	sociation [PARTNERSHIP	CORPORATION		
	Потны	R (describe in spac	e provided below)				
17.				ative of a foreign gov		☐ YES	NO X
18.	application If "YES", at	for permit, licens	se or renewal denied	d any FCC station licen by this Commission? tatement giving call sig	. [☐ YES	NO 🗷
19.	Will applic	ant be owner and	operator of the stat	ion?	4	YES	□ NO
20.			ne number (include es pertaining to this	area code), and Interne application.	t e-mail address (if app	olicable) of	`person
	Steve Bal	az, RF Spectru	m Licensing Spe	ialist, (410) 765-	-5626 BALAZ.S.F@	POSTAL.E	SSD.
21.	By checking he or she is conviction e.g., corporately subject to	s not subject to a pursuant to Section partnership a denial of federal	idual applicant certif denial of federal be on 5801 of the Anti- or other unincorpora	Ties that he or she is el nefits, including FCC be Drug Abuse Act of 1988, ated association, certific to that section. For defi	igible for this license. enefits, as a result of a , 21 U.S.C. 862. A non- ir es that no party to the	drug offe dividual a application	res that nse .pplicant, n is
	see 47 CFR	1.2002(b).				YES	□ NO
2 2.	List below	all exhibits in nu	merical sequence and	the item number of f	orm requiring the exh	ibit identif	ied.
EXH	IIBIT NUMBER	ITEM NO. OF FORM	EXHIBIT NUMBER	ITEM NO. OF FORM	EXHIBIT NUMBER	ITEM NO	O. OF FORM
	1	4a-g				-	
	2	8					
						 	

28. 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:
 - (i) 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.

	Signed and dated this	1146	day of	agul	, 19 97	
	Name of Applicant	Northrop Grumn	man Corporation	<i></i>		
		(a	oust correspond with na	me given on page 11		
	ByJame	s C. Johnson	Jan	uc (. Jol	2	
	•	(print)		(signature)		
	Title Vice Presider	nt and Corporate	Secretary	\mathcal{O}		
	Check appropriate classifi	cation:				
~,	☐ Individual applicant	Member of ap	plicant partnership			
	X Authorized employee	Office of appl	icant corporation or	association		
WIL	LFUL FALSE STATEMENTS M	ADE ON THIS FORM A	RE PUNISHABLE BY	INE AND/OR IMPRISON	MENT (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.