Please.Type or Print on This I	Form	Form	n Approved OMB No. 2120-000	
÷ '	Failure To Provide All Requested Informati	on May Delay Processing of Your Notice	FOR FAA USE ONLY	
U.S. Department of Transportation Federal Aviation Administration	Notice of Proposed Con	struction or Alteration	Aeronautical Study Number	
1. Sponsor (person, comp	pany, etc. proposing this action):	9. Latitude: 39 o 10 ·	45.01 -	
Attn.of: Steven F. Balaz		0.760 41	22 31	
Name: Northrop Grumman Corporation			~	
Address: P. O. Box 746, Mail Stop 170		11. Datum: 🔀 NAD 83 🗌 NAD 27 📋 Othe	r	
- Baltimoro MD 21202		12. Nearest: City: Linthicum	State: <u>MD</u>	
Takenbergy $(410)76^3$	5-5626 $(410) 765-6898$	13. Nearest Public-use (not private-use) or Militan	Airport or Heliport:	
Telephone: (410) /03-3020 Fax: (410) /03-0898		Baltimore-Washington Int	ernational	
2. Sponsor's Representation	tive (if other than #1):	<u>Barcimore</u> mubilingcon inc		
Attn.of:		14. Distance from #13. to Structure: 1000 I	<u> </u>	
Name:		15. Direction from #13. to Structure: 346 de	g	
Address:		16. Site Elevation (AMSL):	<u>152.6</u>	
		17 Total Structure Height (AG())	22 •	
City:	Zip:Zip:	17. Tour Subcure Reight (AGL).	174 6	
	Υθζ	18. Overall Height (#16. + #17.) (AMSL) ;	<u> </u>	
3. Notice of: New C	construction Atteration Existing	19. Previous FAA Aeronautical Study Number (if applicable):	
			OE	
4. Duration:	nent [X] Temporary (36 months, days)	20. Description of Location: (Attach a USGS 7.5	minute	
5. Work Schedule: Beginn	$\lim_{n \to \infty} \frac{1/1/00}{End} \frac{12/31/00}{End}$	Quadrangle Map with the precise site marked and a	ny certified survey.)	
		The radar antenna will b	e mounted on	
	rank X Other radar antenna	the ground at the Bluebe	rry Hill Test	
		Site located 1600'from B	W1 runway 10.	
7. Marking/Painting and/o	or Lighting Preferred:	See attached vertical pr	ofile showing	
Red Lights and Paint	t Dual - Red and Medium Intensity White	snielding by additional	existing 1231	
White - Medium Inter	naity Dual - Red and High Intensity White	nigh steel tower.		
White - High Intensit	y [x] Other <u>NONE</u>			
8. FCC Antenna Structure	Registration Number (If applicable):			
		L	·	
21. Complete Description of	of Proposal:		Frequency/Power (kW)	
Northrop Grum	man Corporation is develo	ping a new solid state		
transmitter fo	or existing AN/TPS-70 rad	ars to extend the useful		
life of the p	roduct and increase its c	apability and reliability		
A Standard TR	5-70 ontonno will be moun	tod on the ground	}	
A Scandard IF	5-70 ancenna will be moun		}	
The radar can transmit up to 32kW of Peak power on two char		eak power on two channels		
within the range of 2.8-3.1 GHz.				
The radar syst	tem includes an L-Band in	terrogator which		
produces 2kW of neak nower at 1030 MHz The radar is canable of				
blonking if	- pour ponce de 2000 init	or from on cica will be	├ ─── ├ ───	
Dianking if required. Actual transmitter frequencies will be			├ ──── ├ ─────	
selected based	a on the terms of an FCC	Experimental Station		
license (application attached).				
			<u>├</u>	
			<u> </u>	
Notice is required by 14 Code requirements of part 77 are su	of Federal Regulations, part 77 pursuant to 49 U.S. ubject to a civil penalty of \$1,000 per day until the no	C., Section 44718. Persons who knowingly and willing tice is received, pursuant to 49 U.S.C., section 46301	yly violate the notice (a).	
i hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to mark and/or light the structure in accordance with established marking and lighting standards as necessary.				
D-4-				

Typed or Printed Name and Title of Person Filing Notice Steven F. Balaz Spectrum Licensing Specialist
 12/22/99
 Spectrum I

 FAA Form 7460-1 (2-99) Supercedes Previous Edition

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 12 V		100-1-
		NSN: 0052-0

NSN: 0052-00-012-0008

Please Type or Print on This I	Form	For	m Approved OMB No. 2120-0001	
:	Failure To Provide All Requested Information	on May Delay Processing of Your Notice	FOR FAA USE ONLY	
U.S. Department of Transportation Federal Aviation Administration	Notice of Proposed Con	struction or Alteration	Aeronautical Study Number	
1. Sponsor (person, comp	any, etc. proposing this action):	9. Latitude: 39 o 11.	08.59 -	
Attn.of: Steven F.	Balaz	10 Longitude: 076 o 42 ·	10 26 •	
Name: NOT CITOP C	x 746. Mail Stop 170			
Address:			er	
city: Baltimore	State: MD zip: 21203	12. Nearest: City: <u>LINUNICUM</u>	State: <u>MD</u>	
Telephone: (410) 765-5626 Fax: (410) 765-6898		13. Nearest Public-use (not private-use) or Militar	y Airport or Heliport:	
2. Sponsor's Represental	tive (if other than \$1):	Baltimore-Washington Int	ernational	
Attn of:		14. Distance from #13. to Structure: 5680 ft.		
Name:		15. Direction from #13. to Structure: 270 de	g.	
Address:		16. Site Elevation (AMS/)	242 🗰	
		47 Total Structure Height (AC())	37	
City:	State: Zip:	17. Iotal Structure Height (AGL):	<u> </u>	
leiephone:	Fax:	18. Overall Height (#16. + #17.) (AMSL):	219_ft.	
3. Notice of: 🔀 New Co	onstruction 🗌 Alteration 🗌 Existing	19. Previous FAA Aeronautical Study Number ((if applicable):	
4. Duration: Remar	ment [X] Temporary (3.6 months days)	85-AEA-1065	OE	
	= 1/1/00 = 12/31/00	20. Description of Location: (Attach a USGS 7.5	minute	
o. work schedule: Beginni		Quadrangle Map with the precise site marked and a The radar antenna will h	ny certified survey.)	
6. Type: X Antenna Towe	er Crane Building Power Line	an existing 15ft. high t	ower located	
	Tank Other	5680ft. from BWI runway	15R. See	
7. Marking/Painting and/o	r Lighting Preferred:	attached vertical profil	e showing	
Red Lights and Paint	Dual - Red and Medium Intensity White	shielding by additional	existing 63ft	
White - Medium Inter	nsity Dual - Red and High Intensity White	nigh cower.		
vvnice - High Intensky	X Other NO DIEIEIEICE			
8. FCC Antenna Structure Pending follow	Registration Number (if applicable): wing this application			
21. Complete Description o	of Proposal:		Frequency/Power (KW)	
Northrop Grumm	man Corporation is develo	ping a new solid state		
transmitter fo	or existing AN/TPS-70 rad	ars to extend the useful		
life of the pr	roduct and increase its c	apability and reliability		
A Standard TPS	S-70 antenna will be moun	ted on an existing 15ft		
tall steel to	ver at 1166 Stoney Bun BD	The radar can transmit		
up to 32kW of	neck never on two channe	ine facar can cransmit		
up to 52kw of peak power on two channels within the range of				
2.0 CO 3.1 GHZ.The radar system includes an L-Band interrogator				
that produces 2kW of peak power at 1030 MHz. The radar is capable				
of blanking if required. Actual transmitter frequencies will be				
selected based on the terms of an FCC Experimental Station				
license (application attached).				
Notice is required by 14 Code of Federal Regulations, part 77 pursuant to 49 U.S.C., Section 44718. Persons who knowingly and willingly violate the notice requirements of part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to 49 U.S.C., section 46301 (a).				
I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to mark and/or light the structure in accordance with established marking and lighting standards as necessary.				
Date	Typed or Printed Name and Title of Person Filing Notice	Signature / / Q/	11	
12/22/99	Spectrum Licensing Speci	alist the 1	Bula_	
AA Form 7460-1 (2-99) Superc	cedes Previous Edition		NSN:0052-00-012-0008	

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FAA Form 7460-1 (2-99) Super	cedes Previous Editio

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