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April 23, 2002

35968.00004

**VIA MESSENGER**

Federal Communications Commission  
Experimental Radio Services  
P.O. Box 358320  
Pittsburgh, PA 15251-5320

Re: **FCC Form 442 Application of Northrop Grumman Corporation for a New Experimental Radio Station Authorization for Airborne Operations**

Dear Madam or Sir:

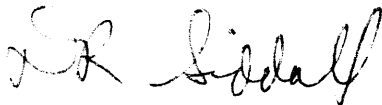
On behalf of Northrop Grumman Corporation ("NGC"), submitted herewith are an original and two copies of an application, on Form 442, for a new experimental radio station authorization for airborne operations.

NGC is developing a new radar transmitter capable of 6 inch resolution. NGC plans to use the requested experimental radio station license's facilities to test and evaluate the new transmitter, collect target data and perform a proof of concept.

Also enclosed are a Form 159 Remittance Advice and a check made payable to the "Federal Communications Commission" in the amount of \$50.00 to cover the requisite filing fee for the application. Please stamp the enclosed extra copy of this letter marked "File Copy" to indicate receipt by the Commission of this filing, and return it to our messenger who shall have delivered this letter to you.

If you have any questions regarding this application, please do not hesitate to contact the undersigned.

Respectively submitted,



David R. Siddall  
for PAUL, HASTINGS, JANOFSKY & WALKER LLP

Enclosures  
VWS