

NORTHROP GRUMMAN SYSTEMS CORPORATION

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November 8, 2002

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

Dear Sir or Madam:

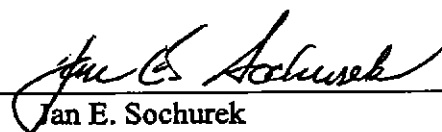
Northrop Grumman Systems Corporation ("Northrop Grumman") hereby requests a 180-day grant of Special Temporary Authority ("STA") to operate fixed/base experimental radio facility in Sunnyvale (Santa Clara County), California ((NAD-83 coordinates 36-36-00 N and 120-32-30 W.)

Northrop Grumman has been contracted by Naval Sea Systems (Contract No. MDA972-99-9-0004) to develop and test a Small Unmanned Aerial Vehicle (SUAV). The contact person for the contract is Mr. Mike Taylor, Phone No. 202-781-3948. Testing is scheduled to commence on or around December 2, 2002.

The experimental transmissions will involve a Aydin Vector (L-3 Communications) model number ST8R4L transmitter that will produce 350 mW of peak output power while transmitting at a frequency of 1475 MHz, with a bandwidth of 1 MHz. The emission designator is 1M00F2D, and the antenna has a gain of 2.15dBi.

I certify that I am an authorized employee of Northrop Grumman Corporation.

Respectfully submitted,
NORTHROP GRUMMAN SYSTEMS CORPORATION

By: 
Jan E. Sochurek
Spectrum Licensing Specialist