Exhibit 1

1. Introduction

By the instant application ("STA Request"), General Dynamics Armament and Technical Products, Inc. (GDATP) requests that the Commission grant Special Temporary Authority ("STA") to permit GDATP to operate the facilities (the "Facilities") specified in the instant STA Request.

2. Purpose of the Operation

The testing specified in this STA Request will be conducted by General Dynamics Armament and Technical Products (GDATP), a business unit of General Dynamics. GDATP, a major producer of radomes for the Armed Forces of the United States, manufactures and tests radomes for varied customers.

In general, the testing performed at the Marion Test Range Facilities in Marion, VA will involve active, radiating testing related to GDATP's contracts with various defense contractors and the United States Government for the development, manufacture, characterization, and acceptance testing of military and commercial radomes. The testing at the Marion Test Facilities is a critical part of the development and manufacture of military radomes supplied to the Armed Forces of the United States.

This specific STA Request applies to the manufacture of radomes for the F-15 aircraft, internal range development and characterization, and Independent Research and Development (IRAD). Although internal range development and characterization, and IRAD are not associated with any particular contract, such internal experimental use is essential to demonstrate and verify our ability to meet the needs required of our customers. It is critical for GDATP that this range be granted a license to radiate on this basis. As to the manufacture of radomes for the F-15 aircraft, the contract information pursuant to which this experiment will be conducted is as follows:

Customer Name:	USAF/Boeing
Customer Contact	Hugh Bell 314-232-2048
Contract Number	Prime: F09603-01-D-0025 Subcontract: A51663
Contract DPAS Rating:	DOA1

This STA Request seeks wideband frequency operations in the frequency ranges from 0.5 to 2.0 GHz ("Band 1") and 8 to 18 GHz ("Band 2"). GDATP is aware that the Commission and/or other stakeholders are likely to identify carve out frequencies and bands within the requested bands; this license application does not seek authorization to radiate in those restricted areas. **GDATP wishes to obtain permission to operate over as much of the requested frequency ranges as possible while minimizing difficulties in obtaining authorization**.

Military systems operate over wide bands and GDATP needs the ability to evaluate and characterize our range through as much of the requested frequency range as possible in order to be able to support our customers' testing.

3. Why Expedited Grant of STA is in the Public Interest

Expedited grant of an STA is requested in this case to permit the required acceptance testing of radomes. It is highly important that the expedited STA be granted to support current, ongoing military operations. As stated above, the testing at the Marion Test Range Facilities is a critical part of the manufacture and delivery of military radomes provided to the Armed Forces in support of current war efforts. ***In this regard, please note that the instant contract is a "rated order" (DOA1) under applicable military procedures and therefore the instant application reflects an experiment of importance to the nation's military effort. Based on currently identified contract delivery dates, it is essential that the range testing specified in this STA Request commence no later than October 16th, 2006. GDATP apologizes for submitting this application with such short notice - however, the company has no choice but to pursue expedited processing as requested herein***.

For the foregoing reasons, expedited review and approval of this STA Request is in the public interest, convenience and necessity.

4. Blanking Capabilities

GDATP understands that FAA or other stakeholders may require certain frequency blanking, or certain limited azimuth and/or elevation blanking in order to ensure that the Facilities do not pose a threat of interference to adjacent emitters. This is to confirm that the subject system has such blanking capabilities and that GDATP stands ready to work with the Commission to identify and implement any reasonable restrictions that may be required.

5. Other Issues

A. Transmitting Equipment

Manufacturer	Model	Band	Quantity	Experimental
Mini-Circuits	ZHL-42W	1	1	Yes
Agilent	E8257D Analog Signal Generator	1	1	No
Microwave Power, Inc.	L0618-32	2	1	Yes
Agilent	E8257D Analog Signal Generator	2	1	No

Note: Due to the distance from the Band 1 transmitter to the Band 1 transmit antenna, the cable loss is 12 to 18 dB. Cable loss from the Band 2 transmitter to the Band 2 transmit antenna is 2 to 3 dB.

B. Directionality/Orientation of Antenna

Band	Elevation (Vertical)	Azimuth (Horizontal)
1 and 2	0°	163° SSE

3dB Beamwidth of Antenna (widest beam/worst case)

Band	3dB BW E (Vertical)	3dB BW H (Horizontal)
1	70°	70°
2	4.6	4.6°

C. Prevention of Interference

GDATP hereby advises the Commission that the tests to be conducted under the requested Commission authorization are to be conducted on GDATP's Marion, Virginia facilities. The test range is designed such that the transmitting antennas are pointed directly at the radome under test which is located 60 feet away for Band 1 and 330 feet away for Band 2 on an elevated roofed porch with three walls. The walls have 6 inch broadband pyramidal RF absorber on them to absorb the RF energy from the transmitting antenna. Additional RF absorber covered panels will be used to further absorb the RF energy. The 3 dB beamwidth of the Band 2 transmit antenna is contained within the porch area for the upper 80% of the band. The range is located in a low area surrounded mostly by hills and trees. The range configuration is designed to minimize RF energy propagation outside of the actual test area. Please refer to the attached diagram of the range (Figure 1).

D. Stop Buzzer

The range shift supervisor, Gerald Hicks, will be personally supervising the testing and will be available by telephone at (276) 783-3121 x 1392. Mr. Hicks will act as a "stop buzzer" if any issues regarding interference arise during testing. The range operator will also be available by telephone at (276) 783-3121 x 1393 if Mr. Hicks cannot be reached.