

**Building with TEMPEST specification
and other testing, development, and
design equipment for sale as a package.
112-F Elden Street Herndon, Va 20170
\$425,000 for all**



Proudly Marketed By:
George Dungan, Licensed Broker in VA & NC
East Coast Commercial Investment Realty
Commercial property & business brokerage services
571-243-6387 email: george@eccominv.com
www.eccominv.com

Property Highlights

Office condo with about 842 square feet of total space.

First floor with direct parking lot access.

Located near the signalized intersection of Elden street and Fairfax County parkway.

The entire space is set up for specialized electronic testing, design, and research.

Just a short drive to the Reston Town Center area.

Concrete load bearing floor.

Built in 1988 as part of the Stuart Professional Village which is very well maintained.

The business can also be purchased and the property leased long term.

Business and Equipment Highlights

Currently set up for primarily TEMPEST specification testing.

One 10 X 12 shielded room initially built for the 100 dB standard.

One acoustic booth.

Multiple high end signal generators.

Various oscilloscopes, receivers, and spectrum analyzers

Various antenna

Volt meters and multimeters.

The operating manuals are with most of the equipment.

Please contact me for a complete list of all equipment.

112-F Elden Street Building Details

- Designed and built out for electronic testing.
- Restroom with a shower and deep sink.
- Professional alarm system with intrusion and motion detectors.
- 3/4 inch polycarbonate windows.
- DoD approved combination and bolt locks.
- Ground floor unit with direct parking lot access.
- Located in the Stuart Professional center which has ample parking.
- 842 square feet of space.
- Built in 1988.

Though taken from a reliable source, the information contained herein is not guaranteed.

Shielded Room Details

- A removable 10 ft x 12 ft x 8 ft high, 100 dB electromagnetically shielded (RF shielded) room that was designed and installed in 1990 by Applied Engineering Construction, Inc., under the personal direction of its President, Mr. Bill Quigley, a well-known shielding expert who has built many similar rooms for the United States Government and its contractors.
- It has a double knife-edge shielded door made in Canada by Raymond Engineering, internationally recognized experts.
- The room is fully lined with removable microwave absorbing material, which also makes it a microwave anechoic chamber.
- The room was approved by the National Security Agency for use as a TEMPEST (EMSEC) testing laboratory in accordance with the rules of their Industrial TEMPEST Program, (now called the TEMPEST Endorsement Programs).
- This room has also been approved for Electromagnetic Compatibility (EMC) testing in accordance with European Community Directive 89-336-EEC and its replacements.
- The shielded room comes with the following OPTIONS:
 - Two spare setup panels.
 - A ground rod and mounting equipment.
 - The whole room is optionally powered through a single disconnectable power cable and connector. This allows you to plug the room into other sources of power, such as:
 - 400 Hz Power (for testing aircraft and shipboard equipment) and;
 - 50 Hz Power (for testing equipment designed for certain foreign countries.)
 - An isolation transformer.

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Shielded Room Details

This robust, versatile, room can be used for many other tasks. Among them are:

- Medical and psychological research
- Neurosurgery (Brain Surgery)
- Medical treatment of Parkinson's and similar neurological diseases
- Law Enforcement (examination of suspects' cell-phones)
- Sensitive Compartmented Information Facility (SCIF).
- Prevention or Elimination of Electromagnetic Interference
- Prevention of electronic eavesdropping (TEMPEST / EMSEC)
- Protection against High Altitude Electromagnetic Pulses (HEMP)
- Protection against Intentional Electromagnetic Interference (IEMI)
- Protection against High Energy Radio Frequency (HERF) guns.
- Prevention of Hazards of Electromagnetic radiation to ordnance (HERO)
- Protection against High Energy Radio Frequency (HERF) guns.
- Prevention of Hazards of Electromagnetic radiation to PERSONNEL (HERP)
- Assembly and Manufacturing of sensitive electronic devices.
- Repair of sensitive electronic devices
- Maintenance of sensitive electronic devices
- Prevention of System Generated Electromagnetic Pulse (SGEMP) damage to SPACECRAFT.

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Optional items at no extra cost

- A 4 ft x 4 ft x 7 ft high professional quality SOUND BOOTH approved by the Virginia State Government for use in hearing tests and by DoD in MIL-STD for Aural nondetectability testing.
- A TEMPEST INC. model T-100 tabletop temperature chamber, approved by the FCC for testing of aircraft communications.
- Two five-drawer GSA heavy-duty safes.
- One high security document shredder, approved by DoD for the destruction of classified documents.
- An approx. 18 in x 18 in. x 18 in. office refrigerator.
- An approx. 18 in x 18 in. x 18 in. office microwave oven.
- A working Fax machine.
- Two purely optical overhead projectors : completely immune to electronic eavesdropping.
- An approx. 8 in x 18 in. x 18 in. microwave oven.
- Multiple pieces of electronic testing and related equipment, most with the original owners manuals.
- Some antique electronic equipment.

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