

Freedom of Information ACT– as related to the US Air Force-
FOIA text material below for items over 25 years of age:

Henry material below – what do we want from **afhra** – Draft only --.
There is a new web site in the U.S. that is generally an excellent source of general EMP (Electromagnet Pulse) and Geo Magnetic Disturbances and its effects on the electrical power lines and transformers and other items. AF Thesis documents such as "A computer code for High Altitude EMP" by Capt. Terry C. Chapman are now in process of equation and code verification by our citizen group. This is one of the Thesis documents being evaluated. We need technical help finding data that seems to be missing or not listed in the Chapman Thesis. The following is a specific Description of the Thesis.

Authors: [Chapman, T.C.](#) **Publication Date:** 1974-01-01
OSTI Identifier: 4284815 --**Report Number(s):** AD--777841; GNE/PH--74-1
Resource Type: Thesis/Dissertation
Resource Relation: Other Information: Thesis. Orig. Receipt Date: 31-DEC-74
Research Org: Air Force Inst. of Tech., Wright-Patterson AFB, Ohio (USA). School of Engineering
Country of Publication: United States
Language: English
Subject: N42500* --Engineering--Nuclear Explosions;
COMPUTER CODES; ELECTROMAGNETIC PULSES, ATMOSPHERIC
EXPLOSIONS COMPUTER CALCULATIONS; NUCLEAR EXPLOSIONS

We have produced several simulation drafts by PhDs of the equations and produced output that is not accurate due to the missing input data for the coding to work. See <http://lagridcoalition.org>. Henry Newton is one of the coordinators on this numerical simulation project.

Unknown are the 4 values that Chapman used as parameters on Thesis page 30 for alpha, beta, N, and tau0.

General requirements information below.

PAL Air Force research <https://www.efoia.af.mil/palMain.aspx>
On the left sign in the system and give it an hour or so to give you a Pass Word.
There is also a pull down window (box) to find **afhra** -= www.afhra.af.mil,
Air Force Historical Research Agency, www.foia.af.mil,
<http://www.afhra.af.mil/Home/Welcome/>

AFHRA
600 Chennault Circle
Maxwell AFB, AL
36112-6424

Air Force Institute of Technology (937) 255-3636 is the main phone number
AFHRA Public Affairs (334) 953-5697

Find the PAL Application info near the top left of the palMain page & see below.

[Please read prior to registering or submitting requests online](#)

Before submitting your request please be sure to check the "AF FOIA Library" to see if the documents you are requesting have already been published.

Please Note: You must use Internet Explorer to submit a FOIA request with this system. Account passwords expire every 60 days. You must log in every 30 days to keep your account active.

FOIA Requests - To submit a Freedom of Information Act (FOIA) request online to the Air Force, you will need to register with the system. But before you do this, take a minute to review the Air Force FOIA Handbook. The handbook tells you how to obtain information from the Air Force and the different ways to do so.

The Air Force only accepts payment by check.

Expedited processing only will be granted if you **meet** one of the following compelling needs:

- Failure to obtain the records on an expedited basis could reasonably be expected to pose an imminent threat to the life or physical safety of an individual.*
- Information is urgently needed by an individual primarily engaged in disseminating information in order to inform the public concerning actual or alleged federal government activity.*
- *Another reason that merits expedited processing is an imminent loss of substantial due process rights.*

You may request in writing to have fees waived if the disclosure of the requested information is in the public interest because it is likely to contribute significantly to public understanding of the operations and activities of the government and is not primarily in the commercial interest of the requester. The mere fact that you are a non-profit organization or a member of the media does not in and of itself qualify for a fee waiver. In addition, a requester's inability to pay is not a legal basis for granting you a fee waiver. Air Force requires you to make the fee waiver request at the time you submit the request.

Privacy Requests - If you are seeking records on yourself, this is a Privacy Act request and you will need to provide **proof of identity**. At this time, all Privacy Act request must be submitted in writing/fax directly to the appropriate [Requester Service Center](#).

Privacy Act requests must be submitted in writing to the Privacy Act Officer in accordance with instructions in the Privacy Act notice. Your request must include **sufficient information to allow verification of your identity**. The Privacy Act Officer may require you to submit a signed and notarized statement indicating that you are the individual to whom the records pertain, and that you understand it is a misdemeanor punishable by a fine up to \$5,000 to knowingly and willfully seek or obtain records about **another individual** under false pretenses.

If you cannot determine the appropriate requester service center, you can mail your Privacy Act request to: Department of the Air Force Freedom of Information and Privacy Act Office. SAF/AAIL, 1000 Air Force Pentagon, Washington DC 20330-1000. **Requests can also be faxed to (703) 693-5728;** Privacy Act requests submitted by fax should be marked to **the attention of the FOIA/Privacy Act Office**.

Appeal Request - You may file an administrative appeal with the Air Force if records response to your appeal are withheld in full or partially denied or if your request for expedited processing or a fee waiver is denied. Your appeal must be received within sixty (60) days from the date of your final response letter. You may submit an appeal online or by writing to the FOIA Requester Service Center that provided you with the final decision. Please be specific why you are submitting the appeal and provide any additional information if possible.

You are accessing a U.S. Government (USG) Information System (IS) that is provided for USG-authorized use only. By using this IS (which includes any device attached to this IS), you consent to the following conditions:

- The USG routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing, COMSEC monitoring, network operations and defense, personnel misconduct (PM), law enforcement (LE), and counterintelligence (CI) investigations.
- At any time, the USG may inspect and seize data stored on this IS.
- Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any USG-authorized purpose.
- This IS includes security measures (e.g., authentication and access controls) to protect USG interests—not for your personal benefit or privacy.
- Notwithstanding the above, using this IS does not constitute consent to PM, LE or CI investigative searching or monitoring of the content of privileged communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential. See [User Agreement](#) for details.

- **AUTHORITY:** 10 U.S.C. 8013, Secretary of the Air Force; 5 U.S.C. 552, Public Information; agency rules, opinions, orders, records, and proceedings; and DoD Regulation 5400.07, DoD Freedom of Information Act (FOIA) Program; AFMAN 33-302

- **PURPOSE(S):** To process FOIA requests and to assist the Department of the Air Force in carrying out responsibilities under the FOIA.

- **ROUTINE USE(S):** In addition to those disclosures generally permitted under 5 U.S.C. 552a(b) of the Privacy Act of 1974, these records contained therein may specifically be disclosed outside the DoD as a routine use pursuant to 5 U.S.C. 552a(b)(3) as follows:

-- The DoD 'Blanket Routine Uses' published at the beginning of the Air Force's compilation of systems of records notices apply to this system.

- **DISCLOSURE:** Voluntary. However, if adequate contact information is not provided, we may not be able to process your request or contact you regarding your request.

You are accessing a U.S. Government Information System. Use of this system constitutes consent to monitoring on your part.

Information stored on this system is FOR OFFICIAL USE ONLY and will be protected in accordance with DoD Regulation 5400.7, Freedom of Information Act and Privacy Act of 1974 to include DoD Regulation 5400.11 and AFI 33-332.

STANDARD MANDATORY NOTICE AND CONSENT PROVISION FOR ALL DOD INFORMATION SYSTEM USER AGREEMENTS

By signing this document, you acknowledge and consent that when you access Department of Defense (DoD) information systems:

. You are accessing a U.S. Government (USG) information system (IS) (which includes any device attached to this information system) that is provided for U.S. Government- authorized use only.

. You consent to the following conditions:

- o The U.S. Government routinely intercepts and monitors communications on this information system for purposes including, but not limited to, penetration testing, communications security (COMSEC) monitoring, network operations and defense, personnel misconduct (PM), law enforcement (LE), and counterintelligence (CI) investigations.
- o At any time, the U.S. Government may inspect and seize data stored on this information system.
- o Communications using, or data stored on, this information system are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any U.S. Government-authorized purpose.
- o This information system includes security measures (e.g., authentication and access controls) to protect U.S. Government interests--not for your personal benefit or privacy.
- o Notwithstanding the above, using an information system does not constitute consent to personnel misconduct, law enforcement, or counterintelligence investigative searching or monitoring of the content of privileged communications or data (including work product) that are related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Under these circumstances, such communications and work product are private and confidential, as further explained below:

- Nothing in this User Agreement shall be interpreted to limit the user's consent to, or in any other way restrict or affect, any U.S. Government actions for purposes of network administration, operation, protection, or defense, or for communications security. This includes all communications and data on an information system, regardless of any applicable privilege or confidentiality.

- The user consents to interception/capture and seizure of ALL communications and data for any authorized purpose (including personnel misconduct, law enforcement, or counterintelligence investigation). However, consent to interception/capture or seizure of communications and data is not consent to the use of privileged communications or data for personnel misconduct, law enforcement, or counterintelligence investigation against any party and does not negate any applicable privilege or confidentiality that otherwise applies.

- Whether any particular communication or data qualifies for the protection of a privilege, or is covered by a duty of confidentiality, is determined in accordance with established legal standards and DoD policy. Users are strongly encouraged to seek personal legal counsel on such matters prior to using an information system if the user intends to rely on the protections of a privilege or confidentiality.

- Users should take reasonable steps to identify such communications or data that the user asserts are protected by any such privilege or confidentiality.

However, the user's identification or assertion of a privilege or confidentiality is not sufficient to create such protection where none exists under established legal standards and DoD policy.

- A user's failure to take reasonable steps to identify such communications or data as privileged or confidential does not waive the privilege or confidentiality if such protections otherwise exist under established legal standards and DoD policy. However, in such cases the U.S. Government is authorized to take reasonable actions to identify such communication or data as being subject to a privilege or confidentiality, and such actions do not negate any applicable privilege or confidentiality.

- These conditions preserve the confidentiality of the communication or data, and the legal protections regarding the use and disclosure of privileged information, and thus such communications and data are private and confidential. Further, the U.S. Government shall take all reasonable measures to protect the content of captured/seized privileged communications and data to ensure they are appropriately protected.

o In cases when the user has consented to content searching or monitoring of communications or data for personnel misconduct, law enforcement, or counterintelligence investigative searching, (ie., for all communications and data other than privileged communications or data that are related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants), the U.S. Government may, solely at its discretion and in accordance with DoD policy, elect to apply a privilege or other restriction on the U.S. Government's otherwise-authorized use or disclosure of such information.

o All of the above conditions apply regardless of whether the access or use of an information system includes the display of a Notice and Consent Banner ("banner"). When a banner is used, the banner functions to remind the user of the conditions that are set forth in this User Agreement, regardless of whether the banner describes these conditions in full detail or provides a summary of such conditions, and regardless of whether the banner expressly references this User Agreement.

----- AFIT Information below -----

AFIT has been at the forefront of DoD-directed research, education, and innovation since the Air Force first envisioned using high energy lasers and high power microwaves as weapon systems. <https://www.afit.edu/CDE/>

The **Center for Directed Energy (CDE)** was established as a cross-disciplinary center to conduct sponsored research which would influence the evolution of directed energy. CDE focuses on Research, Education, Innovation, and Collaboration.

Research: CDE research is focused on solving DoD research problems related to directed energy technologies and DoD applications. The center develops models and software that are used primarily for educating, consulting, and advising.

Education: CDE is focused on educating the next generation of Directed Energy (DE) professionals. Pre-service and in-service short courses are offered with an emphasis on research to support education. In conjunction with the graduate school and the Engineering Physics Department, CDE offers rigorous academic programs in the DE associated technologies. Additionally, CDE offers unique co-op and internship

opportunities that challenge participants to expand their knowledge and apply it to related real-world scenarios.

Innovation: CDE contributes to the DoD directed energy community through robust research solutions and delivery of software addressing critical DoD needs related to directed energy. CDE researches many areas that will enable or influence new sources of laser power, including chemical, gas, and solid state lasers with advanced active tracking and adaptive optics capabilities.

Collaboration: CDE develops Modeling and Simulation products for researchers and war fighters through collaboration with a diverse group of partners in the DoD and directed energy communities. One of CDE's major contributions is the development of software (HELEEOS and LEEDR) to more accurately model atmospheric effects on directed energy propagation.

Gen Cooley is co-author of the book "*A Guide for DoD Program Managers*" with Brian C. Ruhm published by Defense Acquisition University Press in 2014.

Search Tips

Select the required Document Type from the Document Type list by selecting the check box to the left of the Document Type as well as you can provide the Published Date range and click Search to retrieve all the documents within the items.

When you enter a word or phrase in the Document Name or other textboxes, the system searches the contents of the Document Name.

The basic rules for formulating queries in searches are:

- Searches are not case-sensitive, so you can type your search in uppercase or lowercase characters.
- You may search for any combination of letters (a-z) and numbers (0-9).
- Punctuation marks such as the period, colon, semicolon, comma, and hyphen are ignored during a search.

Wild card expressions

- When searching for published documents, using the wild card expression can help you narrow your searches for more precise results.
- You can search for words or phrases using wildcard expressions. Wildcard expressions allow you to search for one or more characters using an asterisk.

Note: Do not use the '|, &, and!' Characters as wild card expressions in the tips for searching

Tips for Searching

1. By default, the first Document Type (if exists), in the list, is selected. Be sure to select the correct Document Type under which the document (for which you are searching) exists
2. While searching for documents, information provided about the Document Name result in a more precise search result. Else just use the asterisk.
3. Enter the search criteria information required, to reduce your time spent on searching.
4. If there is more than one word in the Document Name, **use the asterisk** to represent the missing information. For example if you are searching for the document titled "Texas - Natural Resources" but have forgotten the word "Natural", then you can use "Texas*resources" for the Document Name. The search will result in all documents containing the word "Texas" and "resources".

Tips for Searching a Word using Content Search

1. Entering the search criterion with 'AND' as the operator (E.g. reading AND room), finds the files with both the words "reading" and "room" present at different places in the entire file.
2. Entering the search criterion with 'OR' as the operator (E.g. reading OR room), finds the files that contain either the word "reading" or the word "room".

Tips for Searching a Phrase using Content Search

1. Enter text in quotes ("reading room") to locate instances of the phrase in the file.

You are accessing a U.S. Government Information System. Use of this system constitutes consent to monitoring on your part.

Information stored on this system is FOR OFFICIAL USE ONLY and will be protected in accordance with DoD Regulation 5400.7, Freedom of Information Act and Privacy Act of 1974 to include DoD Regulation 5400.11 and AFI 33-332.

MAKE A REQUEST

- What is FOIA?
- How to Make a FOIA Request
- Where to Make a FOIA Request
- Additional Government Resources
- Frequently Asked Questions
- FOIA en Español

I want to make a FOIA request to:

Note: After you select an agency, to make another selection, please use the link on the left: "Where to Make a FOIA Request." Your "Back" button will not take you to your previous search results.

U.S. Agency for International Development 	Department of Agriculture 
Department of Energy 	Department of Education 
Department of Commerce 	Department of Defense 
Department of Health and Human Services 	Department of Homeland Security 
Department of Housing and Urban Development 	Department of Interior 
Department of Justice 	Department of Labor 
Department of State 	Department of Transportation 
Department of the Treasury 	Department of Veterans Affairs 
Environmental Protection Agency 	General Services Administration 
National Aeronautics and	National Science Foundation

Space Administration 	
Nuclear Regulatory Commission 	Office of Personnel Management 
Small Business Administration 	Social Security Administration 
Council on Environmental Quality 	Office of Management and Budget 
Office of National Drug Control Policy 	Office of Science and Technology Policy 
Office of United States Trade Representative 	

[View the full list of agencies for information on how to make a FOIA request](#)

[Return to Top](#)

The FOIA applies to all federal agencies, which means it does not apply to:



The Judicial Branch and Federal Courts

For records and more information on the Federal Court System, please visit www.uscourts.gov



The Legislative Branch and Congress

For records and more information on both houses of Congress, please contact your local House Representative or Senator. You may also visit www.house.gov, www.senate.gov, or www.congress.gov for additional information on the legislative branch.



State Governments and Courts

For records and more information on State or local agencies, and courts, please contact those entities directly.

Last Updated: 2/2011

[Return to Top](#)



[Site Map](#) [Accessibility](#) [FOIA](#) [Privacy Policy](#) [Policies & Disclaimers](#) [Information Quality](#) [Developer Resources](#) [Justice.gov](#) [USA.gov](#)

