

MEMO ROUTING SLIP

NEVER USE FOR APPROVALS, DISAPPROVALS,
CONCURRENCES, OR SIMILAR ACTIONS

1	NAME OR TITLE Mr. W. F. Friedman	INITIALS		CIRCULATE
	ORGANIZATION AND LOCATION Room 232E, Bldg 19, NSS	DATE		COORDINATION
2				FILE
				INFORMATION
3				NECESSARY ACTION
				NOTE AND RETURN
4				SEE ME
				SIGNATURE

REMARKS

As indicated in conversation between Mr. Friedman, your office, and Major Andruss, this headquarters, transmitted herewith is copy of letter received by Hq, Sixth Army, from a Mr. Edward J. Hawkins, dated 21 December 1953, and copy of a proposed reply by Hq, Sixth Army to Mr. Hawkins.

2 Incls
a/s

Approved for Release by NSA on 07-16-2014 pursuant to E.O. 13526

FROM NAME OR TITLE <i>Paul B. Schwieker</i> PAUL B. SCHWIEKER, Lt Colonel, GS	DATE 12 Apr 54
ORGANIZATION AND LOCATION ACofS, G2, ASA	TELEPHONE 736



Mr. Edward J. Hawkins
935 Sutter Street
San Francisco, California

Dear Mr. Hawkins:

Reference is made to your letter of 21 December 1953, regarding your proposed entry into private cryptographic and cryptanalytic practice in this area.

The matter has been coordinated with appropriate higher headquarters where it has been determined that no formal military clearance is required for your proposed action.

During your period of service with the Armed Forces, in positions of trust, it was inevitable that you had access to, and became extremely familiar with certain classified techniques, operations, and equipment, and the security requirements which were pertinent thereto. Your duties further imposed upon you a binding allegiance to our nation, and a continuing responsibility to protect the knowledge, techniques, operations and equipment with which you worked, by preventing the revelation of this information to any unauthorized source.

While the Armed Forces is appreciative of the service rendered during your tenure of service, the unsettled conditions prevalent in the world today clearly defines the vital importance, in the national interest, of maintaining the highest degree of security concerning your past duties and assignments.

In consonance with the foregoing, it is urged that any discussion concerning your past assignments with the Signal Intelligence Service, and related work with the Army Air Force, be confined to very general military topics and under no circumstances should your specific assignments or the specific or general mission of your former organizations be discussed.

Your patriotic cooperation in this matter is earnestly solicited.

For your information and convenience there is attached hereto a copy of Public Law 248, of the 82d Congress, which has been determined to be applicable in this instance.

With the best wishes for your future, I am

Sincerely yours,

1 Incl
a/s

Incl 2 -

REF ID: A70045
#935 Sutter Street
Apt. #25
San Francisco, Calif.

21 Dec. 1953/

Military Intelligence Div.
Headquarters, Sixth Army
Presideo of San Francisco
San Francisco, California.

Attn: Chief of Division MI

Subject: Military clearance for proposed action of Reserve Officer.

1. It is considered appropriate and necessary, by the undersigned Reserve Officer, that the following information be conveyed to the Military Intelligence authority of the Sixth Army. It is requested that the collateral facts presented herein be studied with a view to providing this officer with such military clearance as might be necessary prior to engaging in the pursuit of commercial cryptography and cryptanalytic activities.

A. This officers' record will indicate that he was employed under Civil Service in the Signal Intelligence Service at large (S.I.S., O.C.Sig. O. Wash. D.C.) during the period Dec. 1939 to Apr. 1941.

B. Detailed to active duty, Office of the Chief Signal Officer Signal Intelligence Service, Apr. 1941 to Apr. 1942.

C. The periods A & B above, assigned to the Research and Development of cryptographic systems specializing in the development of crptographic devices and cryptanalytic equipment for the solution of codes and ciphers.

D. Detailed to the Signal Intelligence staff of the Chief Signal Officer GHQ, SWPA, as cryptanalyst and Intelligence evaluation officer. Apr. 1942 to May 1943.

E. Returned to U.S. May 1943 as security risk.

F. Assigned various cryptographic and Signal Officer duties within the Air Force, May 1943 to Sept. 1944.

G. Detailed in Sept. 1944 to command the Intelligence team of the 9th Radio Squadron (Mobile), MTO. Team responsibility, the solution of enemy Air-Ground liaison radio traffic (codes & ciphers) thereby assisting in the triangulation of attack forces.

H. Returned to the U.S. as security risk, Apr. 1945.

I. Continued in service to May 1947 as Public Relations Off.

J. Reentered service in Dec. 1948 and was released May 1950.

13,098

Incl 1

REF ID: A70045
K. The appendage of being a security risk has come to this officer mostly from heresy information. Several investigations concerning this matter have been conducted but no specific results of such actions were ever communicated to the accused, either officially or unofficially.

L. A request for a General Court of Inquiry to resolve this officers status was denied by the Adjutant General Sept. 1953.

2. In view of the many years devoted to the practice of cryptography and cryptanalytics in the service of the government it is now desired to make use of this knowledge in the commercial field where such knowledge does not conflict with existing security.

3. This officer is fully appraised of the conditions set forth in those Federal enactments concerning espionage and the security of the nation as well as the provisions of AR 380-5 with amendments.

4. It is proposed that the following advertisement be published in Financial section of the San Francisco Examiner and the Los Angeles Times pursuant to entering the private practice of cryptography;

CRYPTOGRAPHER
CRPTPTANALYST

Available for compilation
Commercial export-import
codes and ciphers. Experienced
technician with extensive
background in gov't. service.
Specializing in electronic
and mechanical devices.
reply---- Box # _____

5. There could not possibly be any objection on the part of the Army or the government to marketing those devices which I have developed on the planning board inasmuch as the presentation of these plans is impossible under my "persona non grata" status in this field.

6. This officer will be available for conference concerning the above matter if and when such a conference is deemed expedient to the interest of the army or the government.

7. Some five months were required to reply to my last communication on the part of the Adjutant General; it is hoped that a policy decision concerning this request for clearance may be obtained within a few days.

telephone:

Prospect 5-7219

signed


Edward J. Hawkins
Major, Signal Corps USAR
O-338330

MEMO ROUTING SLIP		FOR APPROVALS, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1	NAME OR TITLE MAJOR W.F. ANDRUSS	INITIALS	CIRCULATE
	ORGANIZATION AND LOCATION G-2. ASA	DATE	COORDINATION
2	Room 228 HQ Bldg AHS		FILE
			INFORMATION
3			NECESSARY ACTION
			NOTE AND RETURN
4			SEE ME
			SIGNATURE
REMARKS Herewith a copy of Hankins ltr and of my reply			
FROM NAME OR TITLE Friedman		DATE 13 Apr 54	
ORGANIZATION AND LOCATION		TELEPHONE	

Mission Apts.
#53- 15th Street, Hermosa Beach, Cal.

22 March, 1954

Mr. Wm. F. Friedman
c/o Army Security Agency
Washington, D.C.

Dear Mr. Friedman;

I am trusting that this letter finds you through this means of address. Needless to say, I have often reflected back over the years and those interesting days with the S.I.S. It would seem that by this time you should have retired completely and perhaps this is the case. At any outset, it is my opinion, that you might be in a position to give me some advise which is sorely needed at this point.

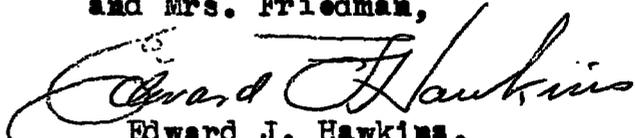
Ever since those days back in the S.I.S. I have worked upon plans for a device which would greatly broaden the scope of cryptographic communications. About a year ago I concluded my study of this specific project with the feeling that I had fully accomplished what I had set out to do. Very briefly, the device I have designed will accomplish the encipherment of pictorial and graphic material for transmission by conventional high speed wire and radio media. The cryptographic method employed will conform to the highest standards of security. In a word of description, the device is electronically controlled and electro-mechanically actuated.

The immediate question arises, "Does such a device offer the new facility which it is designed to perform" ? In other words, would the Armed Forces and especially the U.S.A. be interested in such a device?

In recent correspondence with General MacArthur he advised me to get in touch with General Back in an effort to further the matter. General MacArthur was of the opinion that the idea should find favor in army communications. In response to my query to Gen. Back I received a letter from Gen. Corderman replying for the Chief Signal Officer. Corderman suggested that I address myself further to The Director of the National Security Agency (I now note the discrepancy in the above address). Well I'm afraid that I have lost confidence in the manner in which such correspondence is treated unless it falls into hands that know the writer. I hope you will forgive me for presuming upon you further Bill!

Currently I am associated with the Hughes Aircraft & Electronic Co. in the design section of the Research & Development laboratories. The work is fascinating to say the least but I still think my future should have been with crypte research & development.

With kindest personal regards to you
and Mrs. Friedman,


Edward J. Hawkins.



NATIONAL SECURITY AGENCY
WASHINGTON 25, D. C.

12 April 1954

Mr. Edward J. Hawkins
Mission Apartments
#53-15th Street
Hermosa Beach, Calif.

Dear Ed:

Your letter of 22 March 1954 reached me without delay but acknowledging its receipt has been held up by a few days leave on my part.

I am turning your letter over to our Research and Development people to handle and I am sure they will give it full and prompt attention.

Hoping you will find whatever answer you may get from our R&D outfit satisfactory, I am,

Sincerely,

WILLIAM F. FRIEDMAN
Special Assistant

February 11, 1943

Captain Edward J. Hawkins
A.P.O. No. 500
San Francisco, California

Dear Captain Hawkins:

I had an answer prepared to your letter of December 16, and laid it aside for a day or two, whereupon it was overlooked. Now comes your letter of January 21, (written the same day that I wrote to you-- is it telepathy or not?) and will enclose a reply with my first letter.

I am looking forward with interest to the report which you have drawn up relative to the serviceability of the machine in the field. I presume that the gadget which you have devised and which eliminates trouble with moisture in gummed tape applies to this field machine. Why don't you send along a description and photograph officially? You need have no fear that it will not be carefully considered. In this same connection I would like to say that the modifications you refer to in your letter of December 16, and which you thought did not receive serious consideration was in reality carefully studied. Difficulties of supply intervened to make it impractical to adopt your suggestion, but more important than that, a new assembly was gotten up by the original manufacturer and is in production. It seems to be very satisfactory. This project was started some time before your suggestion came. I want you to know in this connection that though you may get very terse answers officially, everything we get from the field does receive most serious consideration and for this reason you should have no hesitancy in sending in your ideas.

I note what you say with regard to the possibility of purchasing an emerald. I am, however, a bit dubious about making such a large investment as you indicate, but if you do come across something worthwhile, please drop me a line about it before you make any commitments.

I am sure that you find Colonel Sherr a good officer and a delightful friend. He is one of my oldest and very best friends, too. Please remember me to everybody. With very cordial greetings, I am

Very sincerely yours,

William F. Friedman
Director, Communication
Research

Hester

File

CAPT. EDWARD J. HAWKINS,
9th RADIO SQUADRON MOBILE AAF,
APO 650, c/o PM,
NEW YORK, NEW YORK.

Wm. F. Friedman,
3932 Military Rd., NW,
Washington 15, D. C.

16 February 45.

DEAR HAWKINS:

I HAVE YOUR INTERESTING LETTER OF 26 JANUARY AND WAS GLAD TO HEAR FROM YOU. I HAD AN IDEA AS TO WHERE YOU WERE GOING WHICH IS NOW CONFIRMED BY YOUR LETTER.

I THINK IT WAS CERTAINLY NICE OF GENERAL AKIN TO WRITE YOU IN SUCH A SYMPATHETIC AND ENCOURAGING MANNER, AND I HOPE THAT HIS LETTER HAS REDUCED THE AMOUNT OF WORRY THAT YOU HAVE BEEN DEVOTING TO THAT EPISODE.

I REMEMBER, BUT ONLY DIMLY, MAJOR ROUDEBUSH, BUT HE PROBABLY KNOWS OF ME AND I WISH YOU WOULD GIVE HIM AS WELL AS ALL THE OTHERS MY VERY BEST REGARDS. IN CONNECTION WITH THE STUDY OF COURSES, I SEE NO REASON WHY YOUR MEN SHOULD NOT BE ENROLLED. PART V HAS NOT YET BEEN COMPLETED AND I DO NOT KNOW WHEN I WILL BE ABLE TO GET TO IT: PROBABLY IT WILL HAVE TO WAIT UNTIL AFTER THE WAR IS OVER.

I AM VERY GLAD TO KNOW THAT YOU CAME THROUGH YOUR SERIOUS ILLNESS AND HOPE THAT YOU WILL NOW CONTINUE TO IMPROVE RAPIDLY. THERE IS NOT MUCH THAT I CAN TELL YOU EXCEPT THAT OUR DAUGHTER, BARBARA, IS IN PANAMA WORKING FOR THE OFFICE OF CENSORSHIP, AND OUR SON, JOHN, IS NOW IN THE AIR CORPS, HAVING REPORTED FOR DUTY LAST WEEK. THE HOUSE IS THEREFORE VERY QUIET. WORK HERE IS GOING ALONG AT A GOOD PACE AND THINGS ARE GETTING DONE.

PLEASE BE SURE TO GIVE A GREETING TO ALL MY FRIENDS IN YOUR VICINITY.

WITH VERY BEST REGARDS, I AM

SINCERELY YOURS,

WILLIAM F. FRIEDMAN.

Edward J. Hawkins, Capt. Sig. C. REF ID: A70045

9th Radio Squadron Mobile AAF

APO #650, c/o PM/New York, N.Y.



Mr. Wm.F. Friedman
c/o Arlington Hall
Arlington, Virginia.

Callahan

REF ID:A70045



AMERICAN RED CROSS

26 January 1945

Dear Mr. Friedman;

As you have probably since learned, I am now in the Mediterranean Theatre of Operations, assigned to the 9th Radio Squadron Mobile. This organization serves the Air Force similarly as its counterpart the 849th serves the ground forces. The work is most interesting and in many respects parallel to that which I was periodically concerned with when in Washington. Of course there is no use for the squadron for my mechanical bent as there was in the Southwest Pacific.

In September I received a very sympathetic and encouraging letter from Gen. Akin much to my amazement. He knew that I had been fretting over past events and took time out to alleviate my worry. It certainly was a grand gesture of friendship.

Upon arriving I called upon Bob Schucraft and Rada. We had quite a session talking over old times etc. Rada is sure by this time that he has had enough of this war and he wants to go home. He has been over a long time so perhaps he may get his wish or at least receive early consideration after the cessation of hostilities on this front.

We have received a new Squadron commander whom you may remember, Major W.E. Roudebush, one time 1st Sgt. of the 2nd Sig. Co. He is a man of about 48 yrs and has been in the army some 25 of these. I believe he received his commission in 1942. He remembers many of our enlisted men from the old days. Col. Sherr when he was a 2nd Lt. was one of his Company officers. Well with Roudebush's arrival my chances for promotion once again dropped to zero however for a time I was most optimistic. At this point many of us are pondering the question of whether the Air Force seriously intends to establish their own Arlington Hall, perhaps using as a nucleus such personnel as can be obtained from the Radio Squadrons. This has been hinted by the arm chair strategists at any rate.

Most of my men and officers who have taken the instruction at Vint Hill are actively interested in continuing their study and I have attempted to foster this interest with a rather sketchy course of my own design however the time has come when they should be

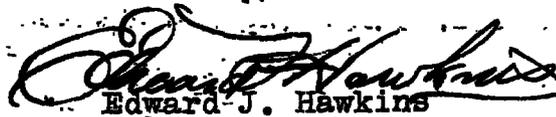
enrolled in your prepared courses. They should be far enough advanced as a result of their basic training to complete the first few courses with comparative ease. Towards this end I am going to put in for their enrollment. Was PART V added to the list ? Currently, or I should say before I left the States I was working on IV but did not bring my materials books etc over with me.

Ad writes me that she is still doing very well in the OSS and is very contented with her work. She tells me that in March she is to be elevated to a CAF 11 which sounds mighty impressive to me. Whatever success she enjoys certainly adds to the gratitude which we owe the Friedmans for making it all possible in the beginning.

I have just returned to the Squadron after nearly a month in the 26th General Hospital with pleural pneumonia. It looked rather dark for a time but they pulled me through in good shape and at this point am feeling fine again despite the loss of considerable weight.

Well thats about all all the printable news at the present. I know that you are terribly busy and that you must receive mountains of correspondence from your friends around the world so if you can't find the time to write don't think a thing of it as I perfectly understand the great demands for your valuable time.

With all the very best,


Edward J. Hawkins

PS

Please give Mrs. Friedman
my best regards.

January 21, 1945

Captain Edward J. Hawkins
A.P.O. No. 500
San Francisco, California

Dear Captain Hawkins:

The pressure of work makes it difficult to reply in detail to your interesting letter of December 16, but I must first of all say that it was good to hear from you. I keep in touch occasionally with Mrs. Hawkins through Mrs. Friedman and your family seems to be getting along quite satisfactorily.

With regard to the developments which you have made in the way of additions to the gadget, I see no reason why you should not make drawings and a brief description of what you have done or may have in mind. Send them officially to the Signal Security Branch, OCSigO, Room 3C-340, Pentagon Building, Arlington, Virginia, and mark the papers for my attention. There will be no doubt about their getting to me and I wish to assure you that any ideas which our experience indicates have merit will be studied most carefully and received with open arms.

I too hope that some day soon you will be back here so that we can have a long chat. You can tell me of your experiences, your successes and disappointments and hardships. I am sure that it would be most interesting. Please convey my warmest greetings to Colonel Sherr and tell him that I also hope to see him soon. I should think that somebody should be coming back this way for a conference or refresher course or something. I am sure that it would be valuable to talk things over. It would be one way in finding out in detail what all is being done there and dovetail things with what is being done here. Be sure to give my best regards to General Akin. Tell him that the Surgeon General still thinks that I am a pretty hopeless specimen, but we got things fixed up so that my usefulness is not altogether doubtful, since the CSO decided to make me Technical Director.

With very best wishes to everybody, I remain

Sincerely yours,

William F. Friedman