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Item ID Number 05013

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**Author**

**Corporate Author**

**Report/Article Title** Memorandum with attachment: From Alvin L. Young regarding TIP Independent Study, dated March 25, 1981, with reply memorandum dated March 27, 1981 and summary of some study activities

**Journal/Book Title**

**Year** 1981

**Month/Day** March

**Color**

**Number of Images** 6

**Description Notes**

REPLY TO  
ATTN OF: EDOWB(Maj Young/Sem. 16)

25 Mar 81

SUBJECT: TIP Independent Study

TO: ACSC/EDO \_\_\_\_\_

ACSC/EDC \_\_\_\_\_

TIP SELECTIONS

15 32 33 25

08 32 16 34

1. As the Air Force Specialist on Herbicides, I am frequently called upon to provide expert testimony or consultative services to numerous Air Force organizations (e.g., USAF/SG) and other governmental agencies (e.g., EPA, VA, USDA). Recently (Feb 81), I received a letter from the Australian Embassy (see ATCH) requesting information on Agent Blue, a herbicide widely employed by the USAF in South Vietnam to control vegetation around military installations. The implication of this letter is that Australian veterans are concerned that exposure to Agent Blue may be responsible for adverse health effects experienced by some veterans. A similar controversy involving Agent Orange and Australian and American veterans is currently under investigation. It can be expected that American veterans will soon ask similar questions about Agent Blue. I directed Dr. Brock (see ATCH ltr) to re-route the request through the Air Force Office of International Affairs and the Air Force Surgeon General. Nevertheless, I will be tasked in the near future to provide a response.

2. I propose for my Independent Study project to conduct a library investigation of records involving the Air Force use of military herbicides during the Vietnam Conflict, 1962-1971. I have received a list from Mr T.R. Dashiell (OUSDRE) of approximately 50 selected microfilms containing herbicide operational data sent by COMUSMACV in 1972 to the CHICO files maintained by the Simpson Historical Research Center. I have checked with the Simpson Historical Research Center and have received confirmation that the microfilm are on-hand and available for my review.

3. Permission is requested to enroll in the student-developed Independent Study Program during TIP. Two weekly increments will be required to complete the proposed project (TIP Selection Codes 32 and 33). Since each microfilm contains dozens of frames, it will probably take at least 5 days to review the film and select pertinent information. The additional week would be required to prepare a written report. I would propose to write a draft technical report on the "Use of Herbicide Blue in South Vietnam: Human Exposure Considerations". The report should be made available for review by Mr. Thomas R. Dashiell, OUSDRE (E & LS), Department of Defense, Washington DC 20330 (AV 227-8714), and HQ USAF/SGES (Attn: Maj Phillip Brown), Bolling AFB DC 20332. Lt Col Fred Zoes (FI, Seminar 16) will serve as faculty monitor for the project.

*Alvin L. Young*  
ALVIN L. YOUNG, Major, USAF, Ph.D.  
Seminar 16

Atch  
5 Feb 81 ltr



DEPARTMENT OF THE AIR FORCE  
AIR COMMAND AND STAFF COLLEGE (ATC)  
MAXWELL AIR FORCE BASE, ALABAMA 36112

REPLY TO  
ATTN OF: EDC/EDO

27 March 1981

SUBJECT: Independent Study

TO: *MAS YOUNG SEM 16*

1. Your request for independent study is approved/disapproved/  
modified.

2. Comments:

3. We suggest, based on your AFSC and assignment, that you take  
the following courses:

Week 1

Week 2

Week 3

Week 4

*Meyer Garber*

MEYER GARBER  
Colonel, USAF  
Director of Curriculum

*R. J. Nicoli*

REMO J. NICOLI  
Colonel, USAF  
Director of Resident Operations

Cy to: *TIP TOP*

COURSE MANAGER WORKSHEET

WEEK 1

STUDENT NAME May A. L. Young COURSE # 15

SEMINAR NUMBER # 16 AFSC 2645/2616

NEXT ASSIGNMENT AF LAISON to Veterans Administration, Washington

ACCEPTED  NOT ACCEPTED

*see me*  
Franchise - office of assignment?

WEEK 4

STUDENT NAME May A. L. Young COURSE # 25

SEMINAR NUMBER # 16 AFSC

NEXT ASSIGNMENT AF Liaison to Veterans Administration, Washington.

ACCEPTED  NOT ACCEPTED

## SPECIAL ACTIVITIES DURING TIP INDEPENDENT STUDY-11-22 May 1981

- 11 May 81 Reviewed Documents on Herbicides used in Southeast Asia as prepared by other ACSC or AWC students and maintained in Air University Library.
1970. Control of Vegetation Through Herbicides.  
Sidney S. Novaresi, Colonel, USAFR  
116 pg, M-32983-U, N936C (See Vol 14, #60, Pg. 10)
1971. The Herbicide Controversy in Vietnam--An Evaluation.  
James B. O'Connor, Major, USAF  
84 pg, M-35582-7-S, 0183  
Research Study No. 1450-71(See Vol 15, #583, pg 87)
1974. The Legal Aspects of Herbicides in Warfare.  
Paul B. Gardner, Major, USA  
64 pg, M-35582-7-U, G2281L (See Vol 18, #543, pg 89)
- Reviewed: The Effects of Herbicides in South Vietnam. Part A.  
Summary and Conclusions. 1974. National Academy  
of Science, Washington DC, 398 pg. *Total Time = 5.5 Hours*
- 12 May Reviewed CHECO MICROFILMS, Simpson Historical Research Center
- CHECO Microfilms: CH-41-2  
CH-49-7  
CH-53-2  
CH-52-2  
CH-56-1  
CH-57-3  
CH-59-1
- Printed 58 pg &  
marked for  
classification.  
Total time = 7 hours
- 13 May Reviewed CHECO MICROFILMS, Simpson Historical Research Center
- CHECO Microfilms: CH-64-4  
CH-64-5  
CH-64-9  
CH-67-5  
CH-67-6
- Printed 42 pages &  
marked for  
classification.  
Total Time = 6.5 hours
- 14 May Reviewed CHECO MICROFILMS, Simpson Historical Research Center
- CHECO Microfilms CH-67-7  
CH-67-8  
CH-69-1  
CH-74-16  
CH-69-3  
CH-69-4  
CH-68-1
- Printed 54 pages &  
marked for  
classification.  
Total Time = 6 hours
- 15 May Prepared Special Consultation on Dioxins, Furans, and PCBs for the New York Department of Health (TDY taken 4-6 Apr 81 at Request & approval of ACSC/CC). See Atch 1.
- Total Time = 6 hours

18 May 81

Visited Air Force Armament Laboratory, Eglin AFB FL Meetings with Mr. Don Harrison, Dr James Cornette, and Dr. Joe Farmer (AV 872-4446), Environics Branch.

Discussed Environmental Fate of Arsenical Herbicides, especially HERBICIDE BLUE.

Obtained the following documents:

Frangos, S.A. 1978. Determination of Arsenic Concentration of Soil Samples from Test Area C-52A. Unpublished.

Miller, C. I. 1979. Concentration of Arsenic from Soils of Hardstand 7 Area, Eglin AFB FL. Unpublished.

Harrison, D.D., C. I. Miller, R.C. Crews. 1979. Residual levels of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) near Herbicide Storage and Loading Areas at Eglin AFB, Florida. AFATL-TR-79-20. 32 p.

Total Time = 3.5 Hr  
Trip Approved to Eglin  
by Advisor & Tip Top.

19 May 81

Reviewed CHECO MICROFILMS, Simpson Historical Research Center. CHECO Microfilms: CH-68-1

CH-42-1

CH-4-12

CH-73-8

CH-5-4

CH-4-12

CH-64-9

Printed 75 pages &  
marked for Classification

Sent Critical Documents from this search to:

Dr George D. Lathrop, Colonel, USAF, MC  
Division of Epidemiology  
USAF School of Aerospace Medicine  
Brooks AFB TX 78235

Dr. Barclay Shepard  
Environmental Medicine  
Veterans Administration  
Washington DC 20420

Total Time = 7.5 hours

20 May 81

Reviewed CHECO MICROFILMS, Simpson Historical Research Center. CHECO Microfilms: CH-39-7

CH-5-5

CH-74-3

CH-17-41

Printed 41 pages \*  
marked for classification

Reviewed 22 documents from the Defense Technical Information Center.

Total Time = 9 hours

21 May

Reviewed 7 documents from the Defense Technical Information Center.

Initiated Draft on "The Use, Environmental Fate and Toxicology of Herbicide Blue"

Received a Telecon from Office of Information, USAF Surgeon General, Bolling AFB DC (Ms Pat Bragg/ AV-297-5048), requesting information on Herbicide Blue. Provided Info.

Received a Telecon from Col Hugh Bainter, AV 858-2554, DLW, HQ AFSC, Andrews AFB. Requested a written response on an Evaluation of USAF SON 2-81, Statement of Operational Need for Reclamation Herbicide Orange Contaminated Sites. (See Atch 2).

Total Time = 9 hours

22-25 May

Prepared Draft on "The Use, Environmental Fate and Toxicology of Herbicide Blue" (Atch 3)

Total Time = 14 hours

#### SUMMARY OF TIP

Reviewed 36 Documents, One Trip Taken to Eglin AFB FL,

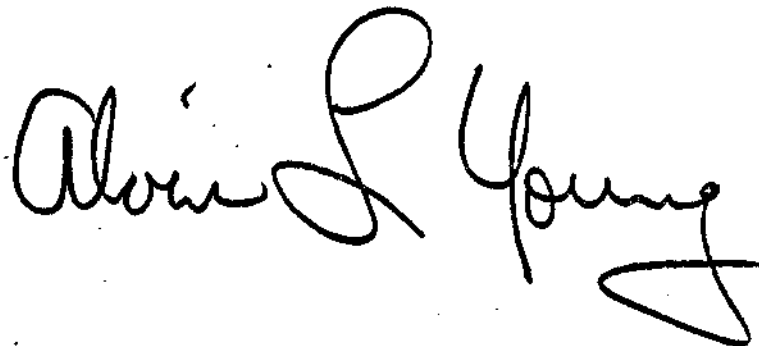
Reviewed 30 Microfilm (Printed 270 pages)

Prepared 2 Special written consults

Sent Documents to 2 Governmental Agencies conducting Epidemiologic studies on the Use of Herbicides in SEA

Prepared Draft on TIP Subject

Total Time in Support of TIP & Special Activities ----- 74 Hours



ALVIN L. YOUNG, Major, USAF  
Consultant, Environmental Sciences