



---

## Uploaded to VFC Website

~ October 2012 ~

---

This Document has been provided to you courtesy of Veterans-For-Change!

Feel free to pass to any veteran who might be able to use this information!

For thousands more files like this and hundreds of links to useful information, and hundreds of "Frequently Asked Questions, please go to:

[Veterans-For-Change](#)

---

*Veterans-For-Change is a 501(c)(3) Non-Profit Corporation  
Tax ID #27-3820181*

***If Veteran's don't help Veteran's, who will?***

We appreciate all donations to continue to provide information and services to Veterans and their families.

[https://www.paypal.com/cgi-bin/webscr?cmd=\\_s-xclick&hosted\\_button\\_id=WGT2M5UTB9A78](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=WGT2M5UTB9A78)

---

**Note:**

VFC is not liable for source information in this document, it is merely provided as a courtesy to our members.

**Item ID Number** 03123 ☐ **Not Scanned**

**Author**

**Corporate Author**

**Report/Article Title** Military Operations: Herbicide Operations (U)

**Journal/Book Title**

**Year** 1969

**Month/Day** August

**Color** ☐

**Number of Images** 21

**Description Notes** Documents were filed together by Alvin Young under the label, "Review of Vietnam Program". AD-779 793.

R-21

start

AD-779 793

**MILITARY OPERATIONS: HERBICIDE  
OPERATIONS (U)**

Military Assistance Command, Vietnam  
APO San Francisco 96222

12 August 1969

DISTRIBUTED BY:

**NTIS**

National Technical Information Service  
U. S. DEPARTMENT OF COMMERCE  
5285 Port Royal Road, Springfield Va. 22151

3-3-07

Classification changed to UNCLASSIFIED

by authority of CINC PAC MSG 69094

DTG-292419Z JUN 75

\*MACV Dir 525-1

HEADQUARTERS  
UNITED STATES MILITARY ASSISTANCE COMMAND, VIETNAM  
APO San Francisco 96222

CLEARED  
FOR OPEN PUBLICATION

10 FEB 1974 5

12 August 1969  
(MACJ3)

DIRECTIVE  
NUMBER 525-1

DIRECTORATE FOR MILITARY OPERATIONS  
DEPARTMENT OF THE ARMY

MILITARY OPERATIONS

HERBICIDE OPERATIONS (U)

1. (U) PURPOSE. This directive prescribes policies, responsibilities, and procedures governing the operational employment of herbicides within this command. The intent of this directive is to insure that the herbicide program in the Republic of Vietnam (RVN) is conducted in accordance with the provisions of the Report on the Herbicide Policy Review, American Embassy, Saigon, 28 August 1968.

2. (U) APPLICABILITY. This directive is applicable to all MACV staff agencies and subordinate commands.

3. (C) GENERAL.

- a. The use of herbicides for defoliation and crop destruction is primarily a Government of Vietnam (GVN) operation that is supported by the US Government. The GVN responsibilities are discharged through the JGS 202 Committee.
- b. Subject to policy guidance established by the US Defense and State Departments, COMUSMACV and the US Ambassador are empowered jointly to authorize US support of GVN requests for herbicide operations.
- c. COMUSMACV exercises command supervision, coordination, liaison, and control of all US Armed Forces support of herbicide operations in the RVN.
- d. A special interdepartmental US committee, identified as the 203 Committee, has been established to expedite coordination of requests for herbicide operations. The Chief, Chemical Operations Division, ACoS, J-3, MACV, (MACJ3-09), is the chairman. This committee has representation from:

- (1) ACoS, J-3, MACV.
- (2) ACoS, J-2, MACV.
- (3) ACoS, CORDS, MACV.

D B C  
RECEIVED  
JUN 13 1974  
RECEIVED  
D

\*This directive supersedes MACV Directive 525-1(C), 22 November 1967.

DISTRIBUTION STATEMENT A

Approved for public release;  
Distribution Unlimited

Reproduced by  
NATIONAL TECHNICAL  
INFORMATION SERVICE  
U S Department of Commerce  
Springfield VA 22151

AD779793

NR- PRIOR REPT.

(4) USAID.

(5) JUSPAO.

(6) American Embassy.

4. (U) DEFINITIONS.

- a. **Herbicide Operations.** The application of chemical compounds to deny the enemy concealment or sources of food.
- b. **Defoliation.** The use of herbicides to cause trees and plants to lose their leaves in order to improve observation.
- c. **Crop Destruction.** The application of herbicides to plants to destroy their food value.
- d. **Deforested Area.** An area where the vegetation has been physically removed, e.g., a Rome-plowed area.
- e. **Surface-Based Spray.** Any means of dispensing herbicide from equipment operated on the ground or water. This includes the use of hand and power spray equipment.
- f. **Agent ORANGE.** An oil-based herbicide which is a systemic defoliant effective against broadleaf vegetation, achieving maximum effect in four to six weeks, with a duration of approximately twelve months.
- g. **Agent WHITE.** A water-based herbicide which is a systemic defoliant effective against broadleaf vegetation, achieving maximum effect in six to eight weeks, with a duration of approximately twelve months.
- h. **Agent BLUE.** A water-based herbicide which is a nonsystemic desiccant used primarily against grasses, taking effect in 24 to 48 hours and killing the leaves in two to four days.
- i. **Soil Sterilant.** A chemical compound applied to the soil which retards plant growth for extended periods.
- j. **Area of Low Population.** For operational purposes, this is considered to be an area of less than eight inhabitants per square kilometer.

5. (C) POLICIES.

- a. The use of US assets for defoliation by fixed-wing aircraft and all crop destruction operations must be approved by COMUSMACV and the US Ambassador. Any area that has been approved for spray by fixed-wing aircraft may be sprayed by helicopter instead, provided that the ACofS,

I-3, MACV, Chemical Operations Division, is notified in advance, so as to preclude duplication of effort.

- b. In consonance with the desires of the GVN, herbicide operations will be limited to areas of low population.
- c. Crop destruction will be limited to low population areas under VC control where food is scarce and where denial of the food will create an operational burden on the enemy.
- d. Prior to selecting targets for crop destruction, consideration will be given to the alternative of securing and recovering the crops for GVN use.
- e. The execution period for defoliation projects will not be more than six months while crop destruction projects will be approved for not more than twelve months. Extension by six-month increments can be authorized when operational considerations prevent completion during the authorized time. Requests for extensions will be supported by updated documentation responsive to the areas of interest outlined in the checklists at Annexes A and B.
- f. Approval authority for the use of US assets to accomplish GVN requests for defoliation by helicopter in support of local base defense and on known small enemy ambush sites along LOC, or for the maintenance of deforested areas, is delegated to corps senior advisors.
- g. Corps senior advisors are delegated authority to approve the use of US assets to support defoliation requests for surface-based spray, except where crop damage may be expected (see paragraph 9b, below). This authority may be further delegated.
- h. Special care will be taken in planning and executing operations to prevent herbicide damage to rubber trees. A no-spray zone of two kilometers for helicopters and five kilometers for fixed-wing delivery will be maintained around active rubber plantations.
- i. Herbicide operations within five kilometers of international borders will be governed by the rules of engagement.
- j. Soil sterilants will not be used in herbicide operations as defined in paragraph 4a, above.
- k. Herbicide damage claims are handled by the RVNAT Political Warfare Department as a sub-category under general war damage claims. Claims are handled at province level with payment on a solatium basis.

UNCLASSIFIED

6. (U) RESPONSIBILITIES. The following responsibilities are assigned for the planning and implementation of herbicide operations.

a. The ACoS, J-3, MACV, will:

- (1) Exercise joint staff supervision for herbicide operations.
- (2) Review all herbicide projects for which approval authority has not been delegated to determine their appropriateness, feasibility, and conformity with established policies.
- (3) Assure that projects are coordinated among all members of the 203 Committee.
- (4) Coordinate all target planning, priorities, and operations.
- (5) Make appropriate recommendations to COMUSMACV.
- (6) Maintain mission control over the 12th Special Operations Squadron (12th SOS).
- (7) Provide quantitative herbicide requirements to 7th Air Force, DMSF, as required, but at least once each fiscal year.
- (8) Prepare reports as required.

b. The ACoS, J-2, MACV, will:

- (1) Provide the ACoS, J-3, MACV, and CDR, 7th Air Force information on potential targets to include threat of ground fire.
- (2) Review the JCS intelligence annex to each project request for completeness and accuracy.
- (3) Collect, evaluate, and disseminate information relative to the effectiveness of herbicide operations.

c. The ACoS, CORDS, MACV, will review the JCS civil affairs plans for completeness and adequacy.

d. CDR, 7th Air Force, will:

- (1) Advise the ACoS, J-3, MACV, on the operational aspects of fixed-wing herbicide delivery as required.
- (2) Plan, coordinate, and execute the UC-123 delivery of herbicides on approved targets.

UNCLASSIFIED

UNCLASSIFIED

MACV Dir 525-1

- (3) Provide the ACoS, J-3, MACV, Chemical Operations Division, by telephone each day, a summary of the herbicide operations conducted during the day (see paragraph 11a, below).
- (4) Furnish the ACoS, J-3, MACV, Chemical Operations Division, a copy of the 12th SOS Daily Air Activity Report (DAAR) each Monday covering the preceding week's herbicide operations (see paragraph 11b, below).

e. Corps senior advisors will:

- (1) Exercise US approval authority for GVN requests for US support of surface-based defoliation.
- (2) Exercise US approval authority of GVN requests for US assets to accomplish helicopter defoliation in support of local base defense, maintenance of deforested areas, and the uncovering of known small ambush sites along lines of communication (see paragraph 11c, below).
- (3) Establish procedures for expeditious processing within the corps tactical zone, and forwarding to HQ, MACV, when required, the US position on each GVN request (see paragraph 7, below, for procedures).
- (4) Provide a monthly list of target priorities to this headquarters, ATTN: ACoS, J-3, Chemical Operations Division (see paragraph 11d, below).
- (5) Monitor the GVN herbicide claims program.
- (6) Provide the ACoS, J-3, MACV, with periodic evaluation of fixed-wing defoliation and all crop destruction projects (see paragraphs 11e and 11f, below).
- (7) Establish procedures to provide artillery pre-strike and/or ground sweeps when warranted by ground fire threat, and coordinate artillery/ground sweeps with appropriate ARVN and FWF commanders.

**7. (U) PROCEDURES TO OBTAIN APPROVAL FOR DEFOLIATION BY FIXED-WING AIRCRAFT AND FOR ALL CROP DESTRUCTION.**

- a. To obtain approval of a request, the following documentation must be provided to HQ, MACV:
  - (1) A request from the Chief, JCS/RVNAF, that the project be approved. This request, which is originated by GVN officials, must include a pledge of indemnification for accidental damage to friendly crops. Also required are a list of desired targets, an intelligence annex, a PSYOPS plan, and a civil affairs plan where applicable.

UNCLASSIFIED



UNCLASSIFIED

- (2) A recommendation for approval from the corps senior advisor. Procedures should be established to insure that this recommendation is forwarded to HQ, MACV, concurrently with, but separate from, the GVN request. The corps senior advisor will:

- (a) Insure that the impact on the following areas is considered at all levels:
- 1 Pacification operations.
  - 2 Community development.
  - 3 Agriculture.
  - 4 Economics.
  - 5 Political affairs.
  - 6 Refugees.
  - 7 PSYOPS.
- (b) Obtain from the ARVN specific commitments and assurance that PSYOPS plans will be implemented before recommending approval of the project.
- (c) Include in the recommendation a brief narrative of the major advantages and possible disadvantages of undertaking the proposed herbicide operation; documentation responsive to the areas of interest outlined in the project request checklists at Annexes A and B; statements reflecting the position of the province senior advisor, the regional DEPCORDS, and a statement that the impact on the areas listed in paragraph 7a(2)(a), above, was considered. Also to be included are an evaluation of whether the project is in consonance with the desire to restrict herbicide operations in populated areas (paragraph 5b, above) and recommendations for approval or disapproval will be specified in detail.
- (d) Submit the recommendation to this headquarters, ATTN: MACJ3-09, within 45 days of the date of the basic request by the province chief.
- (e) Insure that province advisory staffs retain translated copies of all documents submitted by the province chief.

UNCLASSIFIED

**UNCLASSIFIED**

**MACV Dir 525-1**

- b. The JGS request for support from MACV and the US position will be evaluated and staffed by the ACoS, J-3, MACV, Chemical Operations Division. This will normally entail the following:
- (1) An aerial reconnaissance of the proposed targets and surrounding areas; observing in particular the topography, vegetation, population, and agriculture.
  - (2) Obtaining clarification or modifications from the JGS 202 Committee if the proposed operation is considered inappropriate because of policy, logistical, technical, or operational limitations.
  - (3) Preparation of the proposed MACV reply to the Vietnamese request and coordination of the proposed reply with the following agencies (203 Committee members):
    - (a) ACoS, J-3, MACV, Psychological Operations Division.
    - (b) ACoS, J-2, MACV.
    - (c) ACoS, CORDS, MACV.
    - (d) USAID.
    - (e) JUSPAO.
    - (f) American Embassy.
- c. After final approval by the Ambassador and COMUSMACV, the reply to the Vietnamese request is conveyed by a letter from the Chief of Staff, MACV, to the Chief of the Joint General Staff, Republic of Vietnam Armed Forces.
- d. The ACoS, J-3, MACV, Chemical Operations Division, action officer will attend the final coordination meeting conducted for an approved project. This meeting is convened by the JGS and held at the province capital.
- e. Upon receipt of the JGS Operations Order for an approved project, the ACoS, J-3, MACV, Chemical Operations Division, will prepare a request for CDR, 7th Air Force to proceed with the authorized herbicide operations and will furnish the necessary information to CDR, 7th Air Force for the preparation of operations and support plans.
- f. The following operational procedures will be adhered to:

**UNCLASSIFIED**

UNCLASSIFIED

- (1) Approximately 48 hours prior to each mission, final approval for spraying the target will be obtained by CDR, 7th Air Force from the province chief and all ground commanders having a responsibility in the target area. This will be accomplished through the "traildust" warning order, an electrically transmitted, operational message initiated by CDR, 7th Air Force and addressed to all interested field commanders and HQ, MACV, and 7th Air Force staff sections.
- (2) Fixed-wing operations will not be conducted when ground temperatures are greater than 85° Fahrenheit or wind speed is in excess of 10 mph.
- (3) All fixed-wing herbicide operations will be conducted under the control of a forward air controller.
- (4) Personnel of the ACofS, J-3, MACV, Chemical Operations Division, will participate regularly and frequently in aerial spray missions to acquire and maintain knowledge of operational techniques and tactics, provide technical and operational assistance, and insure that herbicide operations are in conformance with established policies, procedures, and constraints.
- (5) Other operational restrictions that may be needed will be furnished separately for each target during coordination of individual projects.

8. (U) PROCEDURES FOR REQUESTING HELICOPTER DEFOLIATION. The following requirements will be observed by US corps senior advisors in approving and executing CVN requests for US support of defoliation by helicopter in support of local base defense, maintenance of deforested areas, and on known small ambush sites along lines of communication.

- a. Each defoliation project must be approved by the province chief concerned, to include execution of a pledge for indemnification of claims for damage to friendly crops outside the target area.
- b. Operations will not be conducted when ground temperatures are greater than 85° Fahrenheit or wind speed is in excess of 10 mph.
- c. Each approved defoliation plan will contain adequate civil affairs (where appropriate) and psychological operations annexes.

9. (U) PROCEDURES FOR SURFACE BASED-SPRAY. When requests for the use of surface-based methods for defoliation are received by US corps senior advisors from ARVN corps, they will be evaluated under the following guidelines:

- a. Defoliation operations will normally only be undertaken in areas of low population where terrain and vegetation favor the use of herbicides as opposed to handcutting, burning, or mechanical clearing.

UNCLASSIFIED

UNCLASSIFIED

MACV Dir 525-1

- b. Defoliation operations will not normally be undertaken when it is apparent that damage will occur to crops. However, high priority projects may be undertaken when the military advantage is very clear. Such projects will be forwarded to HQ, MACV, for approval by COMUSMACV and the US Ambassador. Defoliation will not be undertaken in populated areas until adequate measures have been taken to warn the friendly population and to provide for compensation and relief in the event of damage.

**10. (U) HERBICIDE OPERATIONS IN SUPPORT OF US AND FREE WORLD MILITARY ASSISTANCE FORCES.** All requests by US and Free World Military Assistance Forces (FWMAF) for herbicide operations will be processed in accordance with this directive and instructions of the force commander/senior advisor within the ARVN CTZ.

**11. (U) REPORTS.**

- a. Daily Air Activity Report (DAAR) (RCS: MACJ3-74).

- (1) Reporting agency: 7th Air Force.
- (2) A telephone report to HQ, MACV, ACo/S, J-3, MACV, Chemical Operations Division, due each day upon completion of the day's herbicide missions.
- (3) The following information will be reported for each mission scheduled:
  - (a) Project and target scheduled.
  - (b) Type mission - crop or defoliation.
  - (c) Number of sorties scheduled and number productive.
  - (d) Reasons for sorties lost.
  - (e) Hits sustained by spray aircraft.
  - (f) Amount and type of agent sprayed.
  - (g) Agent load point.

- b. 12th SOS Daily Air Activity Report (DAAR) (RCS: MACJ3-75).

- (1) Reporting agency: 7th Air Force.
- (2) A written report sent to this headquarters, ATTN: MACJ3-09. The report, in one copy, is due on Monday of each week for the preceding calendar week.

9  
UNCLASSIFIED

UNCLASSIFIED

(3) The report will contain as a minimum the following information by mission:

- (a) Date.
- (b) Base of origin.
- (c) Number of sorties scheduled and number productive.
- (d) Project and target number.
- (e) UTM coordinates of the actual spray run.
- (f) Agent - gallons and type.
- (g) Hits sustained by spray aircraft.
- (h) Reasons why scheduled sorties were not productive (when applicable).

c. Helicopter Spray Operations Report (RCS: MACJ3-76).

- (1) Reporting agency: Corps senior US advisors.
- (2) A written report to this headquarters, ATTN: MACJ3-09, due on the 10th of each month covering activities for the preceding month.
- (3) Reports will contain the following information, in the format shown, for each area sprayed by helicopter:

<u>COORDINATES</u>	<u>HECTARES</u>	<u>DESCRIPTION</u>	<u>DATE</u>	<u>AGENT</u> <u>AMOUNT &amp; TYPE</u>	<u>HITS</u>
--------------------	-----------------	--------------------	-------------	--	-------------

(4) Explanation of data to be listed under column headings is as follows:

- (a) Coordinates. Six digit coordinates that describe the boundary of the area defoliated.
- (b) Hectares. Number of hectares sprayed.
- (c) Description. Type of area; for example, En base area, friendly LOC, crops.
- (d) Date. Date area was sprayed.
- (e) Agent Amount & Type. Amount in gallons and herbicide used.
- (f) Hits. Number of hits sustained by the helicopter from enemy fire.

UNCLASSIFIED

**UNCLASSIFIED**

**MACV Dir 525-1**

- (5) The report will also include a statement of any adverse results from helicopter spray operations. Examples of adverse results are damage to crops or trees which may cause claims, refugees, or other occurrences which might reflect unfavorably on the program. Comments should refer to specific areas sprayed. If there are no adverse results expected, the report should so state.
  - (6) Reports must arrive at this headquarters in two copies. Negative reports are required. This headquarters will make distribution to JCS, J-3, Chemical Branch.
- d. Monthly Herbicide Operations Priorities (RCS: MACJ3-77).**
- (1) Reporting agency: Corps senior advisors.
  - (2) A written report to this headquarters, ATTN: MACJ3-09, due on the 15th of each month covering priorities for the following month. The report will contain the priority for engaging herbicide targets with UC-123 aircraft within the corps tactical zone during the month. Required information is project number, target number, and relative priority within the CTZ for each target the corps senior advisor desires to designate as a priority target.
- e. Defoliation Project Evaluation Report (RCS: MACJ3-78).**
- (1) Reporting agency: Corps senior advisors.
  - (2) A written report to this headquarters, ATTN: MACJ3-09. Reports will be rendered on all fixed-wing defoliation projects as follows:
    - (a) Projects will be evaluated within three months of inception and at three-month intervals thereafter until completion.
    - (b) Reports will be submitted within 30 days after the end of the reporting period.
    - (c) The report will cover the elements of evaluation outlined in Annex C.
- f. Crop Destruction Evaluation Report (RCS: MACJ3-79).**
- (1) Reporting agency: Corps senior advisor.
  - (2) A written report to this headquarters, ATTN: MACJ3-09. Report will be rendered on all crop projects as follows:
    - (a) A semi-annual report (1 May and 1 November) will be submitted for each province where crop destruction operations were conducted within that six-month period.

11  
**UNCLASSIFIED**

UNCLASSIFIED

(b) Evaluations will be submitted within 30 days after the end of the reporting period.

(c) Reports will cover the elements of evaluation outlined in Annex I

12. (U) INTERPRETATION. This document is not subject to local interpretation. If clarification is required it should be requested from this headquarters.

13. (U) REFERENCE. Report on the Herbicide Policy Review, American Embassy, Saigon, 28 August 1968.

FOR THE COMMANDER:



ELIAS C. TOWNSEND  
Major General, USA  
Chief of Staff

LOUIS J. PROST  
Colonel, USA  
Adjutant General

**Annexes**

- A. Defoliation Checklist
- B. Crop Destruction Checklist
- C. Post Project Evaluation - Defoliation
- D. Post Project Evaluation - Crop Destruction

**DISTRIBUTION:**

1-A, H-C, III-B, IV-B, V-B, VI-C, VII-B

Plus:

25 - MACJ3-09

1 - MACCO-RCO

300 - MACAG-AP

UNCLASSIFIED

DEFOLIATION CHECKLIST (U)

(C) The US project recommendation will include the following:

1. GENERAL.

- a. The objective and the military worth of the proposed defoliation operation.
- b. Degree of urgency of the proposed project.
- c. DEPCORDS and PSA position on the proposed project. In the case of nonconcurrences, reasons will be stated.
- d. Statement that provincial CORDS and regional CORDS specialists have taken part and had an opportunity to express their views during the approval process.

2. TARGET DESCRIPTION.

- a. UTM grid coordinates (six digit).
- b. Overlay or map showing recommended project.
- c. Description of vegetation located in the target area (e.g., grasses, broad-leaf, canopy, species, height).

3. ENEMY SITUATION.

- a. Disposition (e.g., strength, location, activity).
- b. Nature and pattern of LOC.
- c. Location of base camps.
- d. Antiaircraft capability.

4. SENSITIVE AREAS. Location of active rubber plantations, orchards, and cultivated areas located in the vicinity of the target. In the case of cultivated areas, when the harvest period occurs.

5. PSYOPS ASPECTS.

- a. Who and how many inhabitants are located in and near the target area.
- b. The predicted psychological impact within the area of operation.
- c. PSYOPS media to be used.

Annex A



- d. Thematic content of the media.
- e. Additional support required.
- f. Provisions for operations directed toward population living in the area contiguous to the target.
- g. An evaluation of past performance of PSYOPS on other herbicide projects in the province.
- h. Procedures established to notify the psychological operations personnel to execute the PSYOPS plan before the mission is initiated.

6. CIVIL AFFAIRS ASPECTS.

- a. An evaluation of whether the execution of the project will create problems or conflict with RD programs in the area.
- b. Number of refugees that could be produced by the operation which this project supports.
- c. Adequacy of provincial facilities to handle generated refugees.
- d. Evaluation of the refugee support plan prepared by the province officials if a refugee problem is expected.
- e. Determination of whether procedures and funds are available to satisfy damages which might be included under the claims program.

CROP DESTRUCTION CHECKLIST (U)

(C) The US project recommendation will include the following:

1. GENERAL.

- a. The objective and the military worth of the proposed herbicide crop destruction operation.
- b. Degree of urgency of the proposed project.
- c. DEPCORDS and PSA position on the proposed project. In the case of non-concurrences, reasons will be stated.
- d. Statement that provincial CORDS and regional CORDS specialists have taken part and had an opportunity to express their views during the approval process.

2. TARGET DESCRIPTION.

- a. UTM grid coordinates (six digit).
- b. Overlay or map showing recommended project.
- c. Type of crop in the target area and its growing season.
- d. Estimate of the number of hectares of enemy crops in the target.

3. ENEMY SITUATION.

- a. Disposition (e.g., strength, location, activity).
- b. Location of major VC/NVA base areas.
- c. Antiaircraft capability.

4. RESOURCES DENIAL ASPECTS.

- a. The characteristics and vulnerabilities of VC/NVA food production efforts in the area.
  - (1) The extent to which the enemy in the area is reliant on local production for food requirements.
  - (2) Alternative sources of food for VC/NVA in the area.

- (3) Distance from the target area to the nearest commercial center or major agricultural area.
- (4) Any evidence that enemy units currently are suffering food shortages.
- b. Measures, besides herbicide crop destruction, that are being taken to control food in the area.
- c. Efforts being made to eliminate the enemy's logistics infrastructure in the area.
- d. Location, if any, of effective GVN resources control checkpoints between commercial sources of food and the target area.

5. PSYOPS ASPECTS.

- a. The population density in the area.
- b. Special characteristics of the population in the area (e.g., ethnic, religious, vocational, political, degree of literacy).
- c. Plans, if any, for psychological operations to be conducted in advance of the crop destruction mission.
- d. The predicted psychological impact within the area of operation.
- e. PSYOPS media to be used.
- f. Thematic content of the media.
- g. An evaluation of past performance of PSYOPS on other herbicide projects in the province.

6. CIVIL AFFAIRS ASPECTS.

- a. An evaluation of whether the execution of the project will create problems or conflict with RD programs in the area.
- b. An evaluation of the support plan prepared by province officials if a refugee problem is expected.
- c. Number of refugees that could be produced by this operation.
- d. Adequacy of provincial facilities to handle generated refugees.
- e. Determination of whether funds are available to satisfy damages which might be included under the claims program.

**POST PROJECT EVALUATION - DEFOLIATION (U)**  
**(RCS: MACJ3-78)**

(C) The report submitted by the PSA will contain the following.

1. Dates defoliation missions were flown and type of aircraft used.
2. Brief restatement of military justification of project, including description of enemy use of target area.
3. Extent of defoliation of single, double, and triple canopy jungle, bushes, grasses, and other cover. Use the following scale to indicate vertical and horizontal (where applicable) visibility of enemy facilities, LOC, and personnel: I - slightly increased visibility; II - moderately increased visibility; III - markedly increased visibility.
4. Observed changes in the utilization and location of enemy facilities and LOC as well as the movement of enemy personnel.
5. Description of targeting or operational errors to include exceptions to established meteorological standards during spray operations.
6. **SOLATIUM REQUESTS.**
  - a. Number and description of requests submitted to provincial authorities as an alleged consequence of the project.
  - b. Evaluation of responsiveness of provincial officials to claims generated by the herbicide project.
7. **CIVIL AFFAIRS PLANS.** Evaluation of population dislocation resulting from the herbicide project. Comments should not be confined to registered refugees alone.
8. **PSYOPS SUPPORT PLANS.**
  - a. Number and sample of leaflets and other printed media used in support of the project.
  - b. Number of loudspeaker plane sorties flown.
  - c. Description of other PSYOPS support activities carried out.
  - d. Description of local attitudes toward the project or toward defoliation operations in general.

MACV Dir 525-1

- e. Existence and extent of local enemy propaganda activities directed against the project or the program as a whole.

9. OVERALL EVALUATION. Assessment of the results of the project in terms of its military, economic, and political/psychological impact.

**POST PROJECT EVALUATION - CROP DESTRUCTION (U)**  
**(RCS: MACJ3-79)**

(C) The report submitted by the FSA will contain the following:

1. Dates crop destruction missions were flown and type of aircraft used.
2. Brief restatement of military justification of project, including description of enemy use of target area.
3. Extent of herbicide crop destruction in the province by type of crop, by percentage of estimated VC/NVA requirements, and by percentage of VC/NVA self-production.
4. The current enemy food situation and any changes in food situation over the last six months.
5. Do food shortages (if any) appear to have caused the enemy to have changed his area of operations or tactics? Have there been identifiable strains placed on his logistics capacity?
6. What other efforts have been made to control food supplies (e.g., military operations, attacks against infrastructure, border control, GVN National Police resources control)?
7. How have these activities been coordinated and have they been effective?
8. **CIVIL AFFAIRS PLAN.** Evaluation of population dislocation resulting from herbicide projects. Comments should not be confined to registered refugees alone.
9. **PSYOPS SUPPORT PLAN.**
  - a. Number and sample of leaflets dropped and other printed media used in support of the project.
  - b. Number of loudspeaker plane sorties flown.
  - c. Description of other PSYOPS support activities carried out.
  - d. Description of local attitudes toward crop destruction operations in general.
  - e. Existence and extent of local enemy propaganda activities directed against the project or the program as a whole.
10. **OVERALL ASSESSMENT.** Assessment of the results of the project in terms of its military, economic, and political/psychological impact.

Annex D

END  
DATE  
FILMED  
7-11-74