

UNCLASSIFIED

AD NUMBER

AD512988

CLASSIFICATION CHANGES

TO: UNCLASSIFIED

FROM: CONFIDENTIAL

LIMITATION CHANGES

TO:
Approved for public release; distribution is unlimited.

FROM:
Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; 12 MAY 1970.
Other requests shall be referred to Office of the Adjutant General (Army), Washington, DC 20310.

AUTHORITY

AGO ltr 29 Apr 1980 ; AGO ltr 29 Apr 1980

THIS PAGE IS UNCLASSIFIED

SECURITY

MARKING

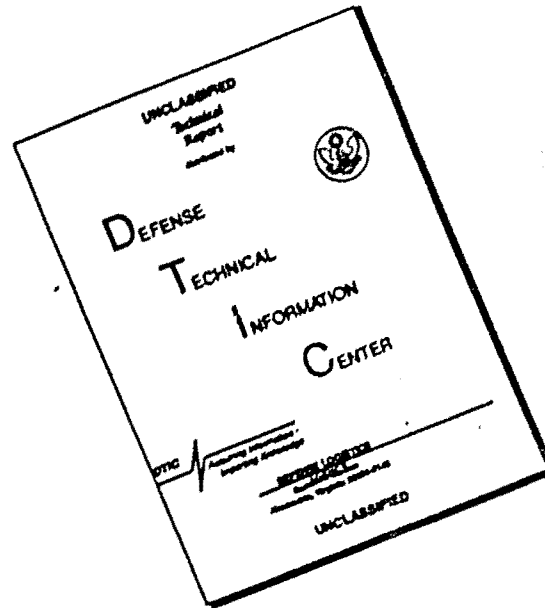
The classified or limited status of this report applies to each page, unless otherwise marked.

Separate page printouts MUST be marked accordingly.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECTIONS 793 AND 794. THE TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

NOTICE: When government or other drawings, specifications or other data are used for any purpose other than in connection with a definitely related government procurement operation, the U. S. Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

DISCLAIMER NOTICE



THIS DOCUMENT IS BEST QUALITY AVAILABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.



SECRET

**DEPARTMENT OF THE ARMY
OFFICE OF THE ADJUTANT GENERAL
WASHINGTON, D.C. 20310**

IN REPLY REFER TO

AGDA (M) (8 Dec 70)

FOR OT UT 702294

17 December 1970

**SUBJECT: Operational Report - Lessons Learned, Headquarters, 212th
Aviation Battalion, Period Ending 30 April 1970 (U)**

AD 512988

SEE DISTRIBUTION

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL
DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE
ESPIONAGE LAWS, TITLE 18, U. S. C., SECTION 793 AND 794.
ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN
ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

1. Subject report is forwarded for review and evaluation in accordance with paragraph 4b, AR 525-15. Information of actions initiated as a result of subject report should be forwarded to ACSFOR OT UT within 90 days of receipt of covering letter.
2. Information contained in this report is provided to insure appropriate benefits in the future from lessons learned during current operations and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

Kenneth G. Wickham
KENNETH G. WICKHAM
 Major General, USA
 The Adjutant General

1 Incl
as

DISTRIBUTION:

- Commanding Generals
 - US Continental Army Command
 - US Army Combat Developments Command
 - US Army Materiel Command
- Commandants
 - US Army War College
 - US Army Command and General Staff College
 - US Army Aviation School
 - US Army Combat Surveillance School
 - US Army Electronic Warfare School
 - US Army Engineer School
 - US Army Field Artillery School
 - US Army Infantry School
 - US Army Institute for Military Assistance

DDC
 RECEIVED
 JAN 12 1971
 RECEIVED
 DDC CONTROL
 NO. 10073

2018489

Regraded unclassified when separated
from classified inclosure.

SECRET

SECRET

DISTRIBUTION (Cont'd)

US Army Ordnance School
US Army Transportation School

Copies furnished:

Office, Chief of Staff, US Army
Deputy Chiefs of Staff
Chief of Research and Development
Assistant Chiefs of Staff
Chief of Engineers
Commanding Generals
Deseret Test Center
III Corps, ATTN: Director, Project MASSTER
US Army Security Agency
Commandant of the Marine Corps
Defense Documentation Center
USAF Project RAND
Commanding Officers
US Army Limited War Laboratory
US Army Logistics, Doctrine Systems & Readiness Agency
US Army Aviation Test Activity
US Army Mobility Equipment Research & Development Center
Gyrodyne Co of America, Inc.

WD 21 8088

SECRET

SECRET

DEPARTMENT OF THE ARMY
Headquarters 212th Combat Aviation Battalion
"Wings of Freedom"
APO SF 96349

AVRACF-BC

12 May 1970

SUBJECT: Operational Report - Lessons Learned of the 212th Combat Aviation Battalion for the Period Ending 30 April 1970, RCS CSFOR-65 (R2)(U)

2 - CINCSARPAC ATTN: GPOP-DT APO 96558
3 - CG, USARV ATTN: AVHOC-DST APO 96375
5 - CG, 1st AVIATION BRIGADE ATTN: AVRAGC-O APO 96384

1. (S) Operations: Significant Activities:

a. The 62d Aviation Company (Corps) relocated from its former base in Hue-Phu Bai to its present location at Marble Mountain Air Facility, Da Nang, on 6-7-8 March 1970. The final convoy elements closed at 1700 hours, 8 March 1970. The unit movement of all personnel, equipment, and personal items was completed with minimum problems. All aircraft closed at Marble Mountain by 1830 hours, 8 March 1970. The unit established full operational status in support of XXIV Corps Headquarters.

b. During the reporting period the 131st Avn Co (SA) altered its side looking airborne radar (SLAR) mission in the Route Package One (RP-1) area. The mission had previously been flown at a distance of ten (10) kilometers off the coast of North Vietnam but in compliance with a recommendation from MACV J-2 was moved out to a distance of twenty kilometers. The change was due to the high threat of surface-to-air missiles in the RP-1 area and the result of a SAM firing at a 131st aircraft on 8 February 1970.

c. As a result of the airfield construction at Hue-Phu Bai between 1 April and 8 May, the 131st Avn Co was required to relocate its SLAR platoon to Da Nang AB and its visual reconnaissance platoon to Udorn, Thailand. No loss of missions were encountered as a result of the relocation of aircraft, personnel and equipment.

d. The unit mission of the 245th Avn Co (SA) was expanded to include two (2) sorties daily around the Da Nang "Rocket Belt" by infra red equipped OV-10 Mohawks. This mission was added as a deterrent to rocket attacks in the Da Nang area during the high threat period at the end of March and beginning of April.

e. Organisational structure and locations are listed at Inclosure 1.

2018489

FOR OT UT
702294
Inclosure

SECRET

1

DOWNGRADED AT 12 YEAR INTERVALS;
NOT AUTOMATICALLY DECLASSIFIED.
DOD DIR 5200.10

DDC CONTROL
NO. 10073

SECRET

f. Changes of command and principal staff positions within the battalion for the reporting period are listed at Inclosure 2.

g. The 212th CAB and subordinate units authorized and present for duty strength are listed at Inclosure 3.

h. Type aircraft, number authorized and on hand for battalion and subordinate units are listed at Inclosure 4.

i. Results of operations conducted by subordinate units during the reporting period are at Inclosure 5.

j. During this reporting period the 212th CAB engaged in operations against the enemy on 89 consecutive days, flying a total of 42,836 sorties.

k. Events of historical significance:

(1) No attacks on friendly installations took place during the reporting period.

(2) The 62d Avn Company (Corps) relocated from its former base in Hue-Phu Bai to its present location at Marble Mountain Air Facility, Da Nang, on 6-7-8 March 1970. The unit became fully operational at Marble Mountain on 9 March 1970.

(3) The following significant flight operations occurred during the reporting period.

(a) On 1 Feb 70, a light fire team from the 282d AHC was scrambled in support of the 1st ARVN Rangers in heavy contact with an estimated three combined companies of VC and NVA. Results were fifty (50) enemy KIA and ten (10) structures destroyed.

(b) On 5 Feb 70, an O-1 of the 21st Avn Co spotted a downed USMC CH-46 aircraft. The pilot of the O-1 located a company of VC a short distance away and provided effective cover for the rescue operation.

(c) On 10 Feb 70, at approximately 1000 hours, an OV-1A from the 131st Avn Co took a direct hit by a 37mm anti-aircraft gun. The aircraft was safely landed at Ubon, Thailand, with no crewmembers injured. The aircraft was evacuated to CONUS.

(d) On 11 Feb 70, an O-1 of the 21st Avn Co north of An Hoa, RVN, received AK-47 ground fire. Pilot observed 20 VC/NVA with packs. Field artillery and air strikes resulted in 10 enemy KIA. Another O-1 from the same company located 5 VC/NVA in green uniforms. One airstrike was made on the enemy squad resulting in 4 more enemy KIA.

INCL

2

SECRET

SECRET

(e) On 12 Feb 70, a light fire team from the 202d AHC supported the 1st ARVN Rangers. One gunship received a 30 caliber round through the main rotor blade. The results of this engagement were 11 enemy KIA.

(f) On 13 Feb 70, both aircraft of a light fire team from the 202d AHC received battle damage while supporting the 1st ARVN Rangers. They were relieved on station by a second light fire team. Both aircraft on the second fire team also received battle damage. The results of the engagement were 24 enemy KIA.

(g) On 19 Feb 70, an O-1 of the 21st Avn Co southwest of Hoi An, RVN, spotted a NVA company near a USMC operation. Naval gun fire and air strikes resulted in 56 enemy KIA, 15 POW, 20 structures destroyed, 4 bunkers destroyed, and 23 structures damaged.

(h) On 20 Feb 70, 5 miles southwest of Hoi An, RVN, an O-1 of the 21st Avn Co observed a VC encampment of squad strength. Two (2) airstrikes resulted in 6 structures destroyed and 6 enemy KIA.

(i) On 24 Feb 70, at approximately 1010 hours, an OV-10A crashed off the departure end of runway 27 at Hue-Phu Bai. The Commanding Officer of the 131st Avn Company was killed in the accident and another officer hospitalized and medically evacuated.

(j) On 25 Feb 70, a light fire team from the 202d AHC was scrambled to support troops in contact. The team supported the 1st ARVN Rangers. Results were 6 enemy KIA, 3 structures damaged, and 1 structure destroyed.

(k) On 27 Feb 70, a 21st Avn Co O-1 fired naval gunfire on a VC occupied village west of Chu Lai, RVN, resulting in 11 structures destroyed and 4 enemy KIA.

(l) On 7 Mar 70, a 21st Avn Co O-1 adjusted artillery on a VC squad west of Tien Phouc, RVN, resulting in 4 enemy KIA.

(m) On 8 Mar 70, a 202d light fire team engaged confirmed enemy positions. Results were 6 enemy KIA.

(n) On 10 Mar 70, a 202d light fire team was scrambled to engage enemy positions. Mission results were 20 enemy KIA, 6 structures destroyed, and 6 structures damaged.

(o) On 15 Mar 70, a 202d light fire team was supporting swift boat operations. The fire team engaged confirmed enemy positions with results of 5 enemy KIA and 4 structures destroyed. An O-1 from the 220th Avn Co directed two F-4's, one F-100 and Cobra gunships to an enemy truck park containing 4 trucks, 5 bunkers and 2 POL dumps. Mission results were 1 truck destroyed, 2 trucks damaged, 5 bunkers, and 1 POL dump destroyed.

SECRET

INCL

SECRET

(p) On 18-19 Mar 70, two light fire teams from the 282d AHC flew in support of the 1st Armor Brigade. Results on these two days were 44 enemy KIA.

(q) On 24 Mar 70, a 282d light fire team flew in support of a swift boat mission. Results were 4 enemy KIA and 3 sampans destroyed.

(r) On 29 Mar 70, two O-1's of the 220th Avn Co directed two F-4's and one F-100 against an NVA position. Mission results were 6 enemy KIA, 2 bunkers, and one 50 caliber machine gun destroyed.

(s) On 3 Apr 70, a 282d light fire team flew in support of the 51st ARVN Regiment. Mission results were 6 enemy KIA.

(t) On 5 Apr 70, a 220th Avn Co O-1 flew in support of the 108th Artillery Group. Mission results were 3 enemy KIA and 1 sampan destroyed.

(u) On 10 Apr 70, two 220th O-1's directed ARA from 101st Abn Div aircraft onto enemy positions. Mission results were 4 enemy KIA, 1 bunker destroyed, and 1 truck damaged.

(v) On 11 Apr 70, a 220th O-1 directed artillery on 15 NVA along a trail. Mission results were 7 enemy KIA.

(w) On 22 Apr 70, two 21st Avn Co O-1's directed artillery against a VC squad west of Tien Phouc, RVN. Results were 8 enemy KIA, 5 hootches destroyed, and 2 bunkers destroyed.

(x) On 22-25 Apr 70, the 2nd platoon, 21st Avn Co, flew 28 sorties in support of an Americal Division raid on a large valley 5 miles west of Tien Phouc, RVN. The dawn to dusk three day raid resulted in 40 structures destroyed, 37 structures damaged, 6 bunkers destroyed, 6 bunkers damaged, 8 enemy KIA, 2 secondary explosions, 1 bridge damaged and 1 bridge destroyed.

(y) On 25 Apr 70, two 220th O-1's supporting the 2/17th Cavalry directed Cobra gunships and ARA from the 101st Abn Div against enemy vehicles. Results were 19 enemy KIA, 9 trucks destroyed, 1 bulldozer damaged, ten 55 gal drums of POL destroyed, and three 50 caliber machine guns destroyed.

(z) On 28 Apr 70, a 220th O-1 directed artillery against an enemy bunker complex. Mission results were 6 KIA, 2 WIA, 2 bunkers destroyed, and 1 bunker damaged.

2. (S) Lessons Learned: Commanders Observations, Evaluations, and Recommendations.

SECRET

SECRET

a. Personnel: None

b. Intelligence:

(1) Observation: When the flight path of the Route Package One (SLAR) mission was moved to twenty (20) kilometers off the coast of North Vietnam, a substantial decrease in imagery returns was noted.

(2) Evaluation: With the flight path 20 km off the coastal target area, the number of SLAR moving target returns decreased by over thirty (30) per cent.

(3) Recommendation: The aircraft flight path be established at (10) km off the coast of North Vietnam, taking maximum advantage of the capabilities of the SLAR system.

(4) Command Action: The above noted recommendation was drafted into a report and forwarded through the 1st Avn Dde on 12 Mar 70.

c. Operations:

(1) Operation of the OV-1B Mohawk.

(a) Observation: Numerous side looking airborne radar missions have been aborted, or have accomplished less than 100% coverage in the mission area due to inflight malfunctions of SLAR equipment. Some of this malfunctioning equipment is repairable in flight by the technical observer.

(b) Evaluation: Spare nonbath tanks, roller blocks, rollers and film cassettes can be easily carried in aircraft for inflight repair or replacement of malfunctioning subsystems.

(c) Recommendation: That technical observers carry a minimum of one spare tank, one block, one film cassette and four rollers on each mission.

(d) Command Action: Policy implemented.

(2) Operation of the OV-1C Mohawk.

(a) Observation: Full advantage has not been taken of the infra-red (IR) target acquisition capabilities.

(b) Evaluation: In addition to the intelligence gathering functions of the OV-1C equipped with the infra-red system, the speed

SECRET

SECRET

with which emissions can be accurately plotted and relayed to ground units make the system a formidable one in the target acquisition role. Application in this role is particularly effective when used to pinpoint large enemy concentrations which were previously only suspected. Effectiveness in this mission is contingent upon efficient communications between the aircraft and the unit being supported.

(c) Recommendation: That consideration be given to increased use of IR sensor systems in a target acquisition role. Direct contact be effected between the pilot flying the mission and artillery, Army Air, or Air Force gunships so as to provide accurate and timely target information for units that can take immediate action.

(d) Command Action: On two separate evenings, IR sorties were diverted from their regular missions at the request of the ground unit, and flown over suspected large enemy concentrations. The pilots had direct communication with the division FSC and large volumes of artillery were brought to bear on unusually heavy concentrations of emission in the target area. Additionally, liaison has been established which will lead to IR sorties being accompanied by Air Force gunships when deemed advantageous by the ground units.

(3) KA39A1 Wing Mounted Camera:

(a) Observation: The 220th RAC has had a great deal of success with the KA39A1 wing mounted camera, however, the quality of the pictures can be improved.

(b) Evaluation: The 220th RAC has utilized the KA39A1 camera successfully for a period of eight months. The pictures produced were of good quality but not the best quality that can be achieved with this camera. The lower quality results were due to the fact that as many as 16 pilots were using this system at various times on various missions.

(c) Recommendations: That there be a select group of pilots assigned to the project, with the pilot having the most experience with the KA39A1 camera in charge of the project. This small select group will be the only people to be assigned photo missions. This will give better mission results due to the fact that the pilots will be more familiar with how to operate the camera to obtain best results.

(d) Command Action: One pilot has been placed in charge of the KA39A1 camera project. This pilot can oversee all camera operations and conduct classes for the three other pilots who work with the KA39A1 wing mounted camera.

(4) Utilization of the KA39A1 Wing Mounted Camera in Conjunction with Implantation of Ground Sensors.

SECRET

(a) Observation: An accurate method of pinpointing implant coordinates is obtained through the use of a second aircraft equipped with the KA39A1 wing mounted camera.

(b) Evaluation: The pilot of the aircraft equipped with the KA39A1 camera flies higher than and behind the drop aircraft. The actual photography begins when the drop pilot releases a hand held smoke grenade (at the time the first sensor is released from the drop aircraft) and terminates when the photo aircraft has overflown the target area. The smoke grenade provides a reference line, both visually and on film, for the line of sensors. The photographs aid in pinpoint location of implant coordinates through the use of local terrain features and the smoke grenade. The negatives from the KA39A1 camera measure 9 inches by 9 inches, an optimum size for imagery interpretation of implants.

(c) Recommendation: Airplane companies performing sensor implants should incorporate a second aircraft utilizing the KA39A1 wing mounted camera to obtain accurate coordinates of sensor implants and to have a photo reference of the drop.

(d) Command Action: This unit has submitted a report dated 17 Apr 70, outlining the employment of ground sensor devices using the O-1 Bird Dog through channels to the 1st Aviation Brigade and USARV Headquarters.

(5) Implantation of Ground Sensors.

(a) Observation: Artillery fire support units with the ground readout capability for the sensors and artillery units who adjust artillery fire on the sensor drop zone have not been prepared for the mission at launch time. This unit has experienced nearly 40% failure of the fire support units involved not being prepared for the mission.

(b) Evaluation: Due to the quick mission reaction time from mission request to actual implant time, artillery support units involved in this type mission must be briefed by the requesting unit at the time the mission request is submitted to the reconnaissance airplane company. The actual drop is made the same day or day after the mission request is received at unit level.

(c) Recommendation: Headquarters requesting sensor drops from reconnaissance airplane companies must coordinate timely delivery of the sensors to the unit and brief all units involved, artillery support units and aviation companies, at the time of mission request.

(d) Command Action: This unit has submitted a report dated 17 Apr 70, outlining the employment of ground sensor devices using the O-1 Bird Dog, through channels to the 1st Aviation Brigade and USARV Headquarters.

SECRET

d. Organization: None

e. Training: None

f. Logistics: None

g. Communications:

(1) Observation: A minimum of three different NESTOR keylists are in use in I CTZ.

(2) Evaluation: Units of the 212th CAB operate throughout the I CTZ and must communicate with U.S. Army, U.S. Air Force, and AFWN units. Several missions are flown that require communicating with different units during the flight. When the units are using different NESTOR keylists, it is necessary for the aircraft to land and again key the equipment before communicating on secure voice.

(3) Recommendation: That all units in the I CTZ use the common-user keylist (AKAX-8159)

(4) Command Action: Briefed MACV OPSEC survey team on use of multi-keylist in I CTZ.

h. Material:

(1) Drain Adapters In Fuel Cells On O-1 Bird Dogs.

(a) Observation: While performing maintenance on the O-1 fuel cells, it was determined that the drain adapters in fuel cells are manufactured from material that was very susceptible to metal fatigue and were stripping out each time a drain was removed.

(b) Evaluation: EIR's were submitted to the U.S. ARMY AVIATION SYSTEMS COMMAND citing the condition.

(c) Recommendation: That the adapter be manufactured from stronger material.

(d) Command Action: An investigation of the condition was conducted and U.S. ARMY AVIATION SYSTEMS COMMAND concurred with our recommendation that the adapter be manufactured from stronger material.

(2) Carburetor Heat Temperature Gages On U-6A Beaver.

(a) Observation: Difficulties were encountered when maintenance personnel set out to repair a defective carb heat temperature gage.

SECRET

SECRET

(b) Evaluation: It was discovered that there are two (2) types of carb heat temperature systems installed on U-6A aircraft. All maintenance manuals and parts manuals have only one type system described.

(c) Recommendation: All U-6A carburetor heat temp systems be standardized.

(d) Command Action: An EIR was submitted to U.S ARMY AVIATION SYSTEM COMMAND on 21 Mar 70 concerning this condition. Reply has not been received as of this date. DA Form 2028's were submitted on all appropriate manuals pertaining to the U-6A Aircraft.

i. Other: None

C. M. HICKERSON

5 Incl

1. Organizational Chart-Structure.
2. Personnel Changes
3. Auth/Presnt for Duty Strength
4. Aircraft Status
5. Quarterly Statistics

C. M. HICKERSON
LTC, MA
Commanding

SECRET

SECRET

AVBACC-0 (12 May 1970) 1st Ind
SUBJECT: Operational Report - Lessons Learned, 212th Aviation Battalion
(Combat), Period Ending 30 April 1970, RCS CSFOR-65 (R2) (U)

DA, HEADQUARTERS, 1ST AVIATION BRIGADE, APO 96384 31 AUG 1970

THRU: Commanding General, US Army Vietnam, ATTN: AVHGC(DST), APO 96375
Commander-in-Chief, US Army Pacific, ATTN: GPOP-DT, APO 96558

TO: Assistant Chief of Staff for Force Development, Department of the
Army, Washington, D.C. 20310


1. (U) This headquarters has reviewed subject report and concurs with the
contents indorsed.

2. (S) The following comments are considered pertinent:

a. (S) Paragraph 2b(1), page 5, discusses OV-1 flight routes for SLAR
missions in SEA. The observation that increasing the range of SLAR
missions results in decreased imagery returns is valid. However, acceptance
of the recommendation to move the flight path to 10 KM off the coast of North
Vietnam would result in an unnecessary loss of aircraft, aviators and
imagery results. The 20 KM flight path keeps the aircraft out of SAM range.
A flight path 10 KM off the coast would be too vulnerable to SAM attacks
in relation to imagery obtained. The change of the flight path to 20 KM off
the coast was recommended by ACV due to the SAM threat. This headquarters
does not concur with the recommendation to change the flight path.

b. (C) Paragraph 2g(1), page 3, discusses the use of keylists. The
use of only one keylist for air/ground tactical operations would greatly
reduce the use of clear text transmissions because both aviation and ground
units would have a common keylist. The Joint Tactical Air/Ground Keylist
(AKAK-8161) is recommended as the common keylist, since it is available to
all three services throughout RVN. The keylist recommended by the 212th
CAB is only available in the I MR (I CTZ).

FOR THE COMMANDER:


WILLIAM A. PETERSON
CPT, AGC
ASST AG

CF:
212th CAB

10

SECRET

2018484

CONFIDENTIAL

AVHGC-DST (12 May 1970) 2d Ind
SUBJECT: Operational Report - Lessons Learned, 212th Aviation Battalion
(Combat), Period Ending 30 April 1970, RCS CSFOR-65 (R2) (U)

Headquarters, United States Army Vietnam, APO San Francisco 96375 22 SEP 1970

TO: Commander in Chief, United States Army Pacific, ATTN: GPOP-DT,
APO 96558

1. (U) This Headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 30 April 1970 from Headquarters, 212th Aviation Battalion (Combat) and concurs with the comments of indorsing headquarters.

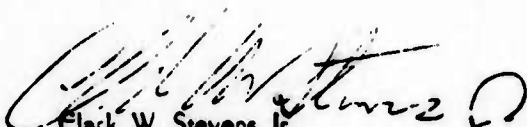
2. (C) Comments follow:

a. (C) Reference item concerning "Communications," page 8, paragraph g(3): concur. On 16 January 1970 COMUSMACV directed that a single NESTOR Keylist be used in each of the four Military Regions. AKAK 8159 has been designated as the single Confidential NESTOR Keylist for I MR and should be used by all units in I MR.

b. (U) Reference item concerning "Drain Adapters," page 8, paragraph 2h(1): concur. No modification work order or technical bulletin has been received from US Army Aviation Systems Command concerning subject EIR. USARV Aviation has queried USAAVCOM on status of EIR and will follow up. No action by USARPAC or DA is recommended.

FOR THE COMMANDER:

Cy furn:
1st Avn Bde (LESS ORLL)
212th Avn Bn (LESS ORLL)


Clark W. Stevens Jr.
Captain AGC
Assistant Adjutant General

//
CONFIDENTIAL

GPOP-DT (12 May 70) 3d Ind (U)


SUBJECT: Operational Report of HQ, 212th Combat Aviation Battalion for
Period Ending 30 April 1970, RCS CSFOR-65 (R2) (U)

HQ, US Army, Pacific, APO San Francisco 96558 3 NOV 1970

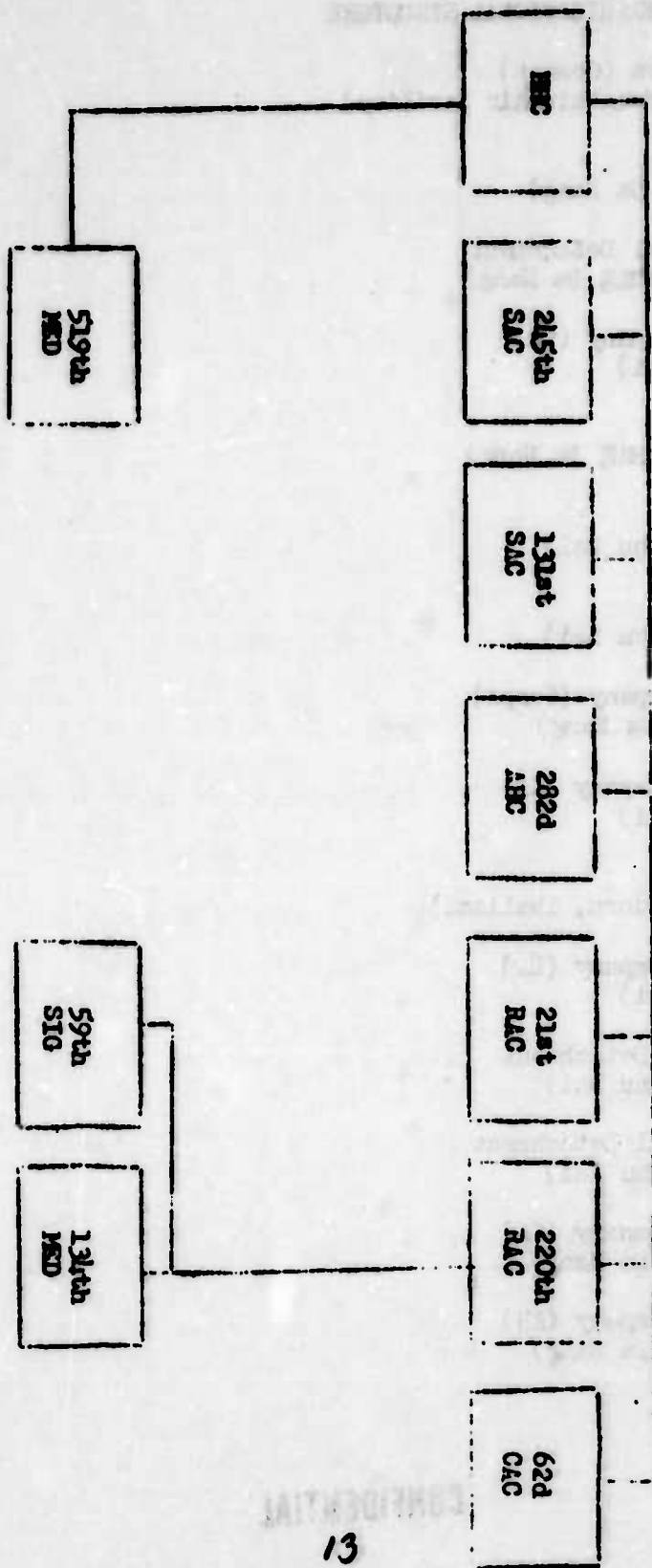
TO: Assistant Chief of Staff for Force Development, Department of the
Army, Washington, D. C. 20310

This headquarters concurs in subject report as indorsed.

FOR THE COMMANDER IN CHIEF:


L.M. OZAKI
CPT, AGC
ASST AG

CONFIDENTIAL



212th CAB
ORGANIZATIONAL CHART

Incl 1

CONFIDENTIAL

CONFIDENTIAL

ORGANIZATIONAL STRUCTURE

212th Aviation Battalion (Combat)
APO SF 96349 (Marble Mountain Air Facility)

HHC 212th CAB
APO 96349 (MMAF, Da Nang)

519th Medical Detachment
APO 96349 (MMAF, Da Nang)

21st Aviation Company (UA)
APO 96374 (Chu Lai)

1st Platoon
APO 96349 (MMAF, Da Nang)

2nd Platoon
APO 96374 (Chu Lai)

3rd Platoon
APO 96374 (Chu Lai)

621 Aviation Company (Corps)
APO 96349 (MMAF, Da Nang)

131st Aviation Company (SA)
APO 96308 (Phu Bai)

Detachment
APO 96237 (Udorn, Thailand)

220th Aviation Company (UA)
APO 96308 (Phu Bai)

59th Signal Detachment
APO 96308 (Phu Bai)

134th Medical Detachment
APO 96308 (Phu Bai)

245th Aviation Company (SA)
APO 96349 (MMAF, Da Nang)

2821 Aviation Company (AH)
APO 96349 (MMAF, Da Nang)

~~incl 1-A~~

CONFIDENTIAL

CONFIDENTIAL

CHANGE OF COMMAND AND STAFF POSITIONS

| <u>UNIT OR STAFF POSITION</u> | <u>DATE</u> | <u>NAME</u> |
|-------------------------------|-------------|--|
| 131st Aviation CO | 3 Mar 70 | MAJ SYLVAN D. HOYEM 517 32 0532 IN VICE LTC FRANK C. NEWMAN 421 52 8652 FA |
| BN IO | 24 Feb 70 | MAJ KERMIT E. SOUTHERN 420 36 7581 IN VICE MAJ SYLVAN D. HOYEM 517 32 0532 IN |
| S-1 | 4 Mar 70 | CPT DAVID J. ANTONOPLOS 171 30 3200 FA VICE MAJ PAUL J. FLORIO 527 59 9970 FA |
| S-3 | 3 Mar 70 | MAJ JACK L. GUINN 435 62 0738 IN VICE MAJ KERMIT E. SOUTHERN 420 36 7581 IN |

CONFIDENTIAL

~~Incl 2~~

CONFIDENTIAL

Authorized and Present For Duty Strength

(1) Military

| SUBORDINATE UNIT | OFFICERS AUTH O/H | | WO AUTH O/H | | EM AUTH O/H | | TOTAL AUTH O/H | |
|------------------------|-------------------|------------|-------------|------------|-------------|-------------|----------------|-------------|
| HHC | 19 | 19 | 3 | 5 | 86 | 104 | 108 | 128 |
| 519th MED DET | 1 | 1 | 0 | 0 | 7 | 16 | 8 | 17 |
| 21st AVN CO (RAC) | 32 | 17 | 2 | 8 | 89 | 87 | 123 | 112 |
| 62d AVN CO (CORPS) | 12 | 10 | 22 | 22 | 111 | 117 | 145 | 149 |
| 131st AVN CO (SAC) | 19 | 19 | 22 | 14 | 290 | 260 | 331 | 293 |
| 220th AVN CO (RAC) | 41 | 18 | 2 | 11 | 103 | 105 | 146 | 134 |
| 59th SIG DET | 0 | 0 | 1 | 1 | 5 | 6 | 6 | 7 |
| 134th MED DET | 1 | 1 | 0 | 0 | 7 | 13 | 8 | 14 |
| 245th AVN CO (SAC) | 19 | 19 | 22 | 11 | 290 | 243 | 331 | 273 |
| 282d AVN CO (AHC) | 19 | 19 | 51 | 46 | 218 | 207 | 208 | 272 |
| 212th CAB TOTAL | 163 | 123 | 125 | 118 | 1206 | 1158 | 1494 | 1399 |

(2) Civilian

| SUBORDINATE UNIT | DAC AUTH O/H | | VN AUTH O/H | | 3d NATL AUTH O/H | | TECHNICAL REPRESENTATIVES AUTH O/H | |
|------------------------|--------------|----------|-------------|-----------|------------------|----------|------------------------------------|----------|
| HHC | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 |
| 21st AVN CO (RAC) | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 |
| 62d AVN CO (CORPS) | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |
| 131st AVN CO (SAC) | 1 | 1 | 14 | 14 | 0 | 0 | 2 | 2 |
| 220th AVN CO (RAC) | 0 | 0 | 9 | 9 | 0 | 0 | 0 | 0 |
| 245th AVN CO (SAC) | 0 | 0 | 12 | 12 | 0 | 0 | 5 | 5 |
| 282d AVN CO (AHC) | 0 | 0 | 9 | 9 | 0 | 0 | 0 | 0 |
| 212th CAB TOTAL | 1 | 1 | 58 | 58 | 0 | 0 | 7 | 7 |

~~Incl 3~~

CONFIDENTIAL

CONFIDENTIAL

AIRCRAFT AUTHORIZED AND ON HAND

| UNIT | OH-58A | | UH-1C | | UH-1D | | UH-1H | | OV-1 | | U-6A | | U-21 | |
|------------------------|--------|-----|-------|-----|-------|-----|-------|-----|------|-----|------|-----|------|-----|
| | AUTH | O/H | AUTH | O/H | AUTH | O/H | AUTH | O/H | AUTH | O/H | AUTH | O/H | AUTH | O/H |
| HHC 212th CAB | 3 | 3 | | | 2 | 2 | | | | | 0 | 1 | | |
| 21st AVN CO (RA::) | | | | | | | | 24 | 20 | | 1 | 1 | | |
| 62d AVN CO (C.I.F.S) | 4 | 4 | | | | | 10 | 10 | | | | | 2 | 2 |
| 131st AVN CO (SIC) | | | | | | | | | 20 | 20 | 1 | 1 | | |
| 220th AVN CO (RA::) | | | | | | | | 32 | 27 | | 1 | 1 | | |
| 245th AVN CO (S.I.C::) | | | | | | | | | 18 | 17 | | | | |
| 282d AVN CO (A.H.F::) | | | 8 | 8 | | | 23 | 22 | | | | | | |
| 212th CAB (TOTALS) | 7 | 7 | 8 | 8 | 2 | 2 | 33 | 32 | 38 | 37 | 3 | 4 | 2 | 2 |

CONFIDENTIAL

CONFIDENTIAL

212th CAB OPERATIONAL STATISTICS
QTR ENDING 30 APRIL 1970

| Subordinate | Sorties Flown | Troops Lifted | Cargo Lifted (tons) | Enemy KIA | Structures Dam | Sampans Dam | Vehicles Dam | Aircraft Confirmed Loss | Aircraft Damaged |
|--------------------|---------------|---------------|---------------------|-----------|----------------|-------------|--------------|-------------------------|------------------|
| HHC 212th CAB | 1,073 | 2,658 | | | | | | 1 | |
| 21st AVN CO (SAC) | 3,124 | | | 145 | 224 | 17 | | 1 | 2 |
| 62d AVN CO (CPTFS) | 10,440 | 8,760 | 53 | | | | | | |
| 131st AVN CO (SAC) | 928 | | | | | | 45 | 2 | |
| 220th AVN CO (RAC) | 2,217 | | | 171 | 28 | 2 | 8 | 2 | 11 |
| 245th AVN CO (SAC) | 1,198 | | | | | | | | 3 |
| 282d AVN CO (AHC) | 23,056 | 52,751 | 223 | 256 | 89 | 1 | | 1 | 17 |
| 212th CAB (TOTALS) | 42,836 | 64,169 | 276 | 572 | 341 | 20 | 53 | 7 | 33 |

CONFIDENTIAL

SECRET

UNCLASSIFIED
Security Classification

| DOCUMENT CONTROL DATA - R & D | | |
|---|------------------------|---|
| <i>(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)</i> | | |
| 1. ORIGINATING ACTIVITY (Corporate author) | | 2a. REPORT SECURITY CLASSIFICATION |
| HQ, OACSPOR, DA, Washington, D.C. 20310 | | SECRET |
| | | 2b. GROUP |
| | | 3 |
| 3. REPORT TITLE | | |
| Operational Report - Lessons Learned, HQ, 212th Aviation Battalion | | |
| 4. DESCRIPTIVE NOTES (Type of report and inclusive dates) | | |
| Experiences of unit engaged in counterinsurgency operations, 1 Feb to 30 Apr 70. | | |
| 5. AUTHOR(S) (First name, middle initial, last name) | | |
| CO, 212th Aviation Battalion | | |
| 6. REPORT DATE | 7a. TOTAL NO. OF PAGES | 7b. NO. OF REFS |
| 12 May 1970 | 21 | |
| 8a. CONTRACT OR GRANT NO. | | 8b. ORIGINATOR'S REPORT NUMBER(S) |
| a. PROJECT NO. N/A | | 702294 |
| c. | | 8c. OTHER REPORT NO(S) (Any other numbers that may be assigned this report) |
| d. | | |
| 10. DISTRIBUTION STATEMENT | | |
| | | |
| 11. SUPPLEMENTARY NOTES | | 12. SPONSORING MILITARY ACTIVITY |
| N/A | | OACSPOR, DA, Washington, D.C. 20310 |
| 13. ABSTRACT | | |
| | | |

SECRET