

UNCLASSIFIED

AD NUMBER

AD515965

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; 15 NOV 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

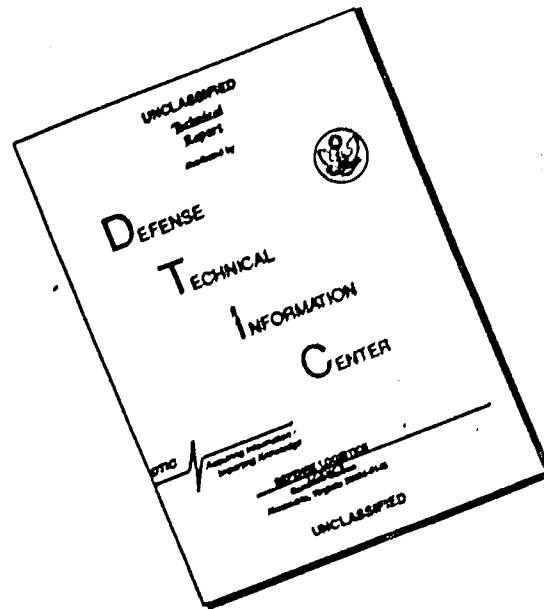
The classified or limited status of this report applies to each page, unless otherwise marked.

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.

CONFIDENTIAL

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



AD 515965

AGDA-A (M) (15 Jun 71) FOR OT UT 704261

28 June 1971

SUBJECT: Operational Report - Lessons Learned, Headquarters, 222d
Aviation Battalion, Period Ending 31 October 1970 (U)

SEE DISTRIBUTION



1. The attached report is forwarded for review and evaluation in accordance with para 4b, AR 525-15.
2. The information contained in this report is provided to insure that lessons learned during current operations are used to the benefit of future operations and may be adapted for use in developing training material.
3. Information of actions initiated as a result of your evaluation should be forwarded to the Assistant Chief of Staff for Force Development, ATTN: FOR OT UT within 90 days of receipt of this letter.

BY ORDER OF THE SECRETARY OF THE ARMY:

VERNE L. BOWERS
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 Adjutant General School
- US Army Armor School
- US Army Aviation School
- US Army Civil Affairs School
- US Army Combat Surveillance School
- US Army Electronic Warfare School
- US Army Engineer School
- US Army Field Artillery School
- US Army Infantry School

This material contains information affecting the national defense of the United States within the meaning of the Espionage Laws (Title 18, United States Code, 793 and 794), the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

**Regraded unclassified when separated
from classified inclosure.**

CONFIDENTIAL

CONFIDENTIAL

DISTRIBUTION (Cont'd)

US Army Institute for Military Assistance
US Army Ordnance School
US Army Quartermaster School
US Army Security Agency School
US Army Signal School
US Army Southeastern Signal 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
Commander in Chief, US Army, Europe
Commanding Generals
 US Army, Alaska
 US Army Flight Training Center
 Deseret Test Center
 III Corps, ATTN: Director, Project MASSTER
 US Army Security Agency
Commander, US Army Forces Southern Command
Commandant of the Marine Corps
Gyrodyne Company of America
Defense Documentation Center
USAF Project RAND
Commanding Officers
 US Army Land Warfare Laboratory
 US Army Logistics Doctrine, Systems & Readiness Agency
 US Army Mobility Equipment Research & Development Center

3

CONFIDENTIAL

DEPARTMENT OF THE ARMY
HEADQUARTERS, 222D AVIATION BATTALION (COMBAT)
APO San Francisco 96530

AVBACA-EC

15 November 1970

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion
(Combat) for Period Ending 31 October 1970 RCS CSFOR-65 (R2) (U)

SEE DISTRIBUTION

1. (C) Sectional Operations: Significant Activities

a. Mission: The mission of the Battalion remained the same throughout the reporting period, i.e., to provide combat and combat support with aviation assets to the United States and other Free World Forces in the Republic of Vietnam.

b. Organization: The organization of the Battalion remained virtually the same throughout the reporting period. The 3d Platoon, 478th ASHC (Hvy) was released from attachment to the 273rd Heavy Helicopter Company and further attached to the 222d Aviation Battalion (Cbt). Several MTOE changes were received for assigned and attached units. These changes constituted only minor and insignificant equipment authorizations. (See Incl 1 for organization structure)

c. Significant Personnel Changes:

(1) Battalion Commander, 222d Aviation Battalion (Combat)

Date: 18 September 1970

Outgoing: WYLLIE, Clement A., LTC, 408-34-2660

Incoming: DEWEY, Arthur E., LTC, 449-64-4407

(2) Battalion Executive Officer, 222d Aviation Battalion (Combat)

Date: 10 August 1970

Outgoing: WILLIAMS, Herman J., MAJ, 237-52-5056

Incoming: CHANDLER, Harry W Jr., MAJ, 451-52-6597

(3) S-4, 222d Aviation Battalion (Combat)

Date: 1 October 1970

Outgoing: SNYDER, Richard L., CPT, 212-46-0340

Incoming: BATES, Ederic S., CPT, 261-70-9323

(4) Battalion Signal Officer, 222d Aviation Battalion (Combat)

Date: 1 September 1970

Outgoing: REEVES, Jarvis M., CPT, 671-60-3283

Incoming: JONES, Leslie D., CPT, 571-60-3283

FOR OT UT

704261

Inclosure

**DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10**

CONFIDENTIAL

CONFIDENTIAL

AVEACA-EC

15 November 1970

4

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion
(Combat) for Period Ending 13 October 1970 RCS CSFOR-65 (R2) (U)

(5) CO, 240th Aviation Company (Aslt Hel)

Date: 15 August 1970

Outgoing: DUBOV, Bruce J., MAJ, 129-28-4761

Incoming: WILLIAMS, Herman J., MAJ, 237-52-5056

d. Unit Strength as of 31 October 1970:

(1) Military

<u>Subordinate Unit</u>	<u>Officer</u>		<u>Warrant</u>		<u>Enlisted</u>		<u>Total</u>	
	<u>Auth</u>	<u>Act</u>	<u>Auth</u>	<u>Act</u>	<u>Auth</u>	<u>Act</u>	<u>Auth</u>	<u>Act</u>
HHC	19	17	3	9	85	116	107	142
117th	19	24	51	46	218	193	288	263
195th	19	20	51	48	218	184	288	252
240th	19	23	51	45	218	193	288	261
273rd	21	8	22	9	172	130	215	147
93rd Med	1	0	0	0	7	7	8	7
772d Med	1	1	0	0	7	7	8	8
87th OM	0	0	0	0	8	7	8	7

(2) Civilians

<u>Subordinate Unit</u>	<u>D/C</u>		<u>VN</u>		<u>3d Nat'l</u>		<u>Tech Rep</u>	
	<u>Auth</u>	<u>Act</u>	<u>Auth</u>	<u>Act</u>	<u>Auth</u>	<u>Act</u>	<u>Auth</u>	<u>Act</u>
HHC	0	0	14	13	0	0	0	0
117th	0	0	17	17	0	0	0	0
195th	0	0	7	7	0	0	0	0
240th	0	0	2	2	0	0	0	0
273rd	1	1	0	0	0	0	2	0
93d Med	0	0	2	2	0	0	0	0
772d Med	0	0	1	0	0	0	0	0

CONFIDENTIAL

5

AVBACA-EC

15 November 1970

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion
(Cbt) For Period Ending 31 October 1970 RCS CSFOR-65 (R2) (U)

- e. Aircraft Status as of 31 July 1970: (See Incl 2)
- f. Operational Results for the Period are Inclosed in Incl 3.
- g. Awards and Decorations: Awards recommended and received by individuals of this Battalion during 1 August 1970 to 31 October 1970 as indicated below:

<u>AWARDS</u>	<u># RECOMMENDED</u>	<u># RECEIVED</u>
Legion of Merit	1	1
Silver Star Medal	3	0
Distinguished Flying Cross	43	16
Bronze Star Medal	66	59
Air Medal "V"	52	31
Basic Air Medal	174	156
Subsequent awards of the Air Medal	150	120
Army Commendation Medal "V"	19	22
Army Commendation Medal	214	189
Purple Heart	5	8

- h. Personnel Gains and Losses During the Period: The following reflects the personnel gains and losses experienced during the reporting period.

	<u>Gains</u>	<u>Losses</u>
Officers	47	27
Warrant Officers	47	44
Enlisted Men	231	272

- i. R&R DATA: Quotas received and filled as indicated below.

<u>SITE</u>	<u>QUOTAS RECEIVED</u>	<u>QUOTAS FILLED</u>
Hawaii	64	62
Sydney	47	45
Hong Kong	19	18

CONFIDENTIAL

CONFIDENTIAL

AVBICA-EC

15 November 1970

6

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Cbt) for Period Ending 31 October 1970 RCS CSFOM-65 (R2) (U)

<u>SITE</u>	<u>QUOTAS RECEIVED</u>	<u>QUOTAS FILLED</u>
Taipei	13	12
Bangkok	24	14
Tokyo	12	12

j. Casualty Information: Casualties experienced during the reporting period are as follows:

(1) Injured - Non Hostile	23
(2) Wounded in Action	12
(3) Killed - Non Hostile	0
(4) Killed in Action	1
(5) Missing in Action	0

*** HONOR ROLL ***

FRESCH, Robert L., WO1, 531-50-2449, Killed in hostile action on 21 August 1970 240th Avn Co. (Aslt Hel)

k. There were no enemy attacks (ground or rocket) against Bearcat Installation during the reporting period.

l. Ammunition Expenditures: (See Incl 4)

m. Schooling (AARTS Courses): The following quotas were received and filled during the reporting period.

(1) Officers	
(a) OH-58 IP	1
(b) UH-1 IP	2
(c) OH-58 Transition	2
(d) <u>Armament Course (Off)</u>	1

CONFIDENTIAL

7

AVBACA-EC

15 November 1970

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Cbt) for Period Ending 31 October 1970 RCS CSFOR-65 (R2) (U)

(2) Enlisted	
(a) UH-1D/UH-1H Helicopter Repair	2
(b) Tech Supply (PLL)	2
(c) Tech Inspector Course	2
(d) Armament Course	3
Tamms School	1
PLL School	4
AN/GRC 106 Maintenance Course	2
AN/GRC 106 Operators Course	2
Audio-Visual School	2

n. Aviation Safety: Six (6) accidents occurred during the reporting period while flying 23,253 hrs. This gave the Battalion an accident rate of 25.6 per 100,000 hrs. which is a 2.4 per 100,000 hours increase over the last period.

(1) On 6 Aug 70 a UH-1H was inserting troops into a large one ship LZ, consisting of uneven terrain, several tall tree stumps and 3-5 foot tall grass. The pilot maneuvered the aircraft to a 5 foot hover so the troops could jump off. When one of the troops departed the left side of the aircraft, the pilot over controlled the aircraft and struck a tree stump with the main rotor blades. Major damage was sustained to the drive train components.

(2) On 14 Aug 70 a UH-1H was the 5th ship in a five ship formation inserting troops into a large mountainous LZ. On final approach at approximately 20 feet altitude the pilot zeroed out the airspeed when he encountered rotor wash from the preceeding ships. The aircraft started to fall through and although the co-pilot announced the RPM at 6600 and torque at 39 lbs., the pilot interpreted the falling through as loss of rotor RPM and made no attempt to increase power. A hard landing resulted with the aircraft impaling itself on a tree stump. Major damage was sustained to the main support structure.

(3) On 21 Aug 70 a UH-1H was performing an unauthorized flight maneuver when control of the aircraft was lost and it crashed and burned. The aircraft was completely destroyed and one crew member was seriously injured.

CONFIDENTIAL

CONFIDENTIAL

AVBACA-EC

15 November 1970

8

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Cbt) for Period Ending 31 October 1970 RCS CSFOR-65 (R2) (U)

(4) On 26 Aug 70 a UH-1H landed in marshy terrain to drop off passengers. The aircraft started to sink into the soft ground and the pilot jerked the aircraft off the ground without compensating for the torque applied. The aircraft yawed to the right; the AC analyzed the yaw as tail rotor failure, and reduced throttle performing a hovering autorotation. The aircraft landed on two large boulders causing damage to the underside of the main fuselage and tail boom.

(5) On 2 Oct 70 a UH-1C was backtaxiing down the active runway at Nha Be Heliport. UH-1 aircraft were parked and running on each side of the runway. Clearance was not adequate and when the UH-1C attempted to pass the running aircraft the main rotor blades meshed resulting in major damage to both the UH-1C and a parked UH-1H.

(6) On 24 Oct 70 a UH-1H with five passengers on board experienced engine failure while participating in a combat assault. A successful autorotation was made to a triple-canopy jungle with incident damage to skids. Engine fire later developed and completely destroyed the aircraft.

a. Of the above accidents, 80% were due to operator error with 20% due to material failure. Operator environment is considered to be a factor in the increase in operational errors, e.g. crewmembers of this command were confronted with mountainous flying with limited experience.

b. Continuous command emphasis has been placed on crew coordination and standardization.

c. Chaplain's Activities: Opportunities for troop worship and troop contact with the chaplain and religious activities continued to be emphasized this quarter. There were 218 Catholic and Protestant opportunities for worship and 1287 visits to troops in the unit areas, as well as 78 visits to the hospitals and the stockade.

(1) Men took advantage of counseling services 267 times during this period.

(2) As required, all replacement and rotating enlisted personnel were oriented and interviewed by the chaplain.

(3) Lay protestant study groups in the Bearcat, Long Thanh and Long Binh areas continued to be a firm foundation for the spiritual growth of the men who attended. The number of Bible study groups meeting weekly has doubled during the quarter and now includes a weekly officer's Bible study.

(4) Daily devotions and prayer sessions are held within the battalion area enabling both the enlisted men and the officers the opportunity to begin each day in proper relationship with God, and thus in proper perspective towards their fellow man.

CONFIDENTIAL

CONFIDENTIAL

9

AVBACA-EC

15 November 1970

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion
(Cbt) for Period Ending 31 October 1970 RCS CSFOR-65 (R2) (U)

(5) Character Guidance classes are presented by the Chaplain with the attendance remaining above the 90% present for duty strength.

(6) One memorial service was conducted for the 240th Assault Helicopter Company.

(7) Continued assistance is given to the men in utilizing the education program, the USO service club, and, when needed, the help of the American Red Cross.

CONFIDENTIAL

CONFIDENTIAL

AVBACA-EC

15 November 1970

10

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Combat)
for Period Ending 31 October 1970 RCS CSFOR-65 (R2)(U)

p. The Public Information Office: The Public Information Office provided the necessary news and photo coverage of combat actions, civic affairs activities, feature and special events, safety, and awards and decoration. Local and national news media were utilized in publishing battalion activities during the reporting period. An aggressive program has been initiated during this period, both to increase the number of feature articles which tell the 222d Battalion story, and the news releases documenting the activities of individual battalion members. These releases have emphasized the close teamwork the battalion has developed with the Royal Thai Army Volunteer Forces, as well as projects undertaken in furtherance of the pacification effort in nearby Vietnamese villages.

The battalion forwarded 266 hometown news releases during the August to October period and released approximately 26 feature stories. Several of these appeared in publications in the United States and the Republic of Vietnam. In conjunction with these releases the battalion also forwarded for publication approximately 800 photographs of awards and decorations, promotions, command changes, flight and ground safety, and general interest news photos.

q. Operations:

(1) General: Daily support of operations was continued by this Battalion during the reporting period. The Battalion supported combat assault, direct support and other than combat support type missions. Specific missions included airlift of assault troops and their equipment, artillery weapons and munitions, engineer equipment, vehicles, together with command and control and administrative flights. Night support was provided by Night Hawk type missions and was utilized for night route, zone, and area reconnaissance and surveillance, pick-up zone lighting for "Dust Off" operations and for close-in fire support of troops in contact. The Battalion Mission Profile remained at 36 UH-1H helicopters and 12 UH-1C gunships committed daily. During this period, IIFBV reduced blade hours, allowing only five mission blade hours daily per UH-1, with approval for exceptions to this policy resting with AAE/IIFBV. CH-54A helicopter commitment for support of III and IV Military Regions decreased to one per day due to the interim programmed deployment of the 273rd Heavy Helicopter Company during the reporting period.

2. (C) SECTION 2- LESSONS LEARNED: COMMANDER'S OBSERVATIONS, EVALUATIONS, AND RECOMMENDATIONS:

a. Personnel:

(1) Avionics Trained Personnel:

(a) OBSERVATION: This headquarters does not have and is not authorized avionics trained personnel. Presently staff supervision is solely the responsibility of the Battalion Signal Officer, a slot that requires a rated aviator.

(b) EVALUATION: This headquarters does not have the capability of providing adequate staff supervision and assistance to its avionics facilities since none

CONFIDENTIAL

// AVBACA-EC

15 November 1970

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Combat) for Period Ending 31 October 1970 RCS CSFOR-65 (R2)(U)

of the personnel assigned to the Battalion Signal Section have an avionics background. A full-time avionics staff member is needed to oversee the utilization of avionics assets, shop supervision, maintenance procedures and provide assistance and recommendations of avionics problems from the battalion level.

(c) RECOMMENDATION: Recommend that MTOE/TOE changes be proposed to authorize a 35P40 to the Battalion Signal Section and/or a Warrant Officer MOS 286A for duty as Assistant Signal Officer.

(d) COMMAND ACTION: On-the-job-training is in effect at this headquarters but is considered inadequate to satisfy the requirement.

(2) S-5 Staff

(a) OBSERVATION: An authorized Civic Action Staff is required at Battalion level.

(b) EVALUATION: The positive contributions of Civic Action Programs have been demonstrated repeatedly in the past. They have become increasingly important as the decline in military operations permits the shift of emphasis and energy to pacification. Because of a shortage of Civil Affairs Companies, a Civic Actions Staff should be authorized at Battalion level. This staff should consist of one (1) Officer, three (3) Enlisted men and one (1) interpreter.

(c) RECOMMENDATION: That a change to the present MTOE be made to include: one (1) S-5 Officer, perhaps in the MAOP Program, one (1) Non-commissioned Officer, two (2) Enlisted Men and one (1) interpreter.

(d) COMMAND ACTION: Request for change in the MTOE has been submitted.

(3) Property Book Officers

(a) OBSERVATION: Rated personnel with little or no experience are required to assume, as an additional duty, the position of Property Book Officer for an Assault Helicopter Company.

(b) EVALUATION: In the interest of increased demands for better resources management and conservation of equipment, inexperienced personnel should not be utilized as unit property book officers. The majority of officers found at the unit level have less than two years experience in service and have not been adequately trained in supply procedures or materiel management. The current TOE equipment of an assault helicopter company is valued at approximately 14 million dollars; this clearly demonstrates why the accountability records should not be in the hands of inexperienced personnel. This additional duty has become a full-time and highly-responsible position.

(c) RECOMMENDATION: That a non-rated, school trained, supply Warrant Officer or Commissioned Officer be assigned to an aviation company as Supply/Property Book Officer by TO&E. Resources management, equipment conservation and property accountability can then be accomplished effectively.

CONFIDENTIAL

AVBACA-EC

15 November 1970

12

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Combat)

(d) COMMAND ACTION: Units are utilizing rated personnel to fill the vacancies. This problem has been referred to higher headquarters.

(4) Shortage of 71P20's (Operations Specialist)

(a) OBSERVATION: Aviation companies do not have sufficient operations specialists assigned.

(b) EVALUATION: Due to the aggressive monitoring of all aspects of operations and training, it is imperative that a full complement of school trained operations specialists be assigned to aviation companies. Unit TO&E places Operations, Intelligence and Training into one category: Operations. This categorizing makes it compelling that qualified and competent operations personnel, requiring a minimum of supervision, are assigned. It requires approximately six (6) months to train personnel to fill adequately these positions.

(c) RECOMMENDATION: That each aviation company have its full complement of school trained operations personnel.

(d) COMMAND ACTION: At present, units are conducting an intensive OJT program for operation clerks.

(5) Special Project Officer

(a) OBSERVATION: Environmental problems at Bearcat have posed exceptional sanitation, entomology, and vector control problems for HHC and the 240th Avn Co.

(b) EVALUATION: The problem derives partially from unsatisfactory contractor performance in garbage removal and principally from insufficient command emphasis on the part of the tenant units at Bearcat. Routine sanitation methods have been ineffective in solving the problem.

(c) RECOMMENDATION: That commands confronting similar problems consider employing the exceptional management techniques which have been so successful in coping with the problem at Bearcat.

(d) COMMAND ACTION: Exceptional command measures taken to correct the situation included:

(1) Appointment of a Medical Service Corps First Lieutenant as Project Manager for Sanitation and Vector Control. The Project Manager's charter give him direct access to the Battalion Commander, together with line authority as required to accomplish the mission.

(2) Close monitoring of garbage pick-up and insistence on contractor performance. Pacific Architects and Engineers were advised in cases of non-performance.

CONFIDENTIAL

CONFIDENTIAL

13

AVBACA-EC

15 November 1970

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Cbt) for Period Ending 31 October 1970 RCS CSFOR-65 (R2) (U)

(3) Conclusion that the rat poisoning program was undesirable and that "better mouse traps" should be built. These included food baited garbage cans which trapped a large number of rats, together with conventional spring traps.

(4) Use of diazinon insecticide (FSN 680-844-7355). The insecticide was sprayed weekly in all unit buildings over a thirty day period, and thereafter, twice monthly. Roaches were the principal target.

(5) A major effort to rodent-proof the mess halls and spray frequently with Aerosal Pyrethum to reduce the fly population.

(6) Close liaison with other US units at Bearcat through the installation coordinator to share techniques found to be effective and encourage maximum participation in cleaning up the overall Bearcat complex.

(7) Award of in-country R&R's to individuals contributing most to the program.

(6) Drug Abuse Program

(a) Observation: The dimensions of the drug abuse problem among military personnel in Vietnam are alarming and have only recently begun to receive the degree of command emphasis required to reverse the unfavorable trend.

(b) Evaluation: A Major thrust in the past has been the punitive approach of "Search and Seizure". This has not been effective. With the realization that among users, experimenters and non-user supervisors, there is widespread ignorance concerning the detrimental effects of drugs, this battalion has wholeheartedly pursued the 1st Aviation Brigade's drug education program.

(c) Recommendation: That commanders establish a climate permitting both an open discussion of all aspects of harmful drugs and a **believable**, viable provision of amnesty to those sincerely desiring to withdraw from drug use.

(d) Command Action: This command took the following actions:

(1) Provided frequent, thorough and low-key classes on drugs. The Battalion Surgeon conducted the classes highlighting the medical/pharmacological aspect of the problem. Response from all ranks has been most gratifying. The low incidence of hard drug use among Headquarters and Headquarters Company and the 240th Assault Helicopter Company members living in the heart of the hard drug culture is largely attributable to this program.

(2) Let it be known that the principal effort was designed to help actual and potential hard drug users either overcome their addiction or be dissuaded from taking the final steps to addiction.

CONFIDENTIAL

AVBACA-EC

15 November 1970

14

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Cbt)
for Period Ending 31 October 1970 RCS CSFOR-65 (R2)(U)

(3) Developed a believable amnesty program by educating the Chain of Command concerning their responsibilities to help, through the Battalion surgeon, by providing medical and psychological assistance to those undergoing withdrawal from drugs.

(4) Worked closely with the Installation Coordinator to reduce the availability of drugs on the Bearcat Reservation.

(7) Recognition of Support Personnel

(a) OBSERVATION: Contributions of support maintenance and supply personnel have been barely recognized in conjunction with the more dramatic contributions of operational flight personnel.

(b) EVALUATION: Rather than wait until the end of a mechanic's or supply clerk's tour to give him a service award, it would appear to have more impact to give him an achievement award at the same time that flight crews are decorated for extraordinary performance while utilizing helicopters and guns so expertly supported by these mechanics and clerks.

(c) RECOMMENDATION: That timely and appropriate awards be made for the indispensable contributions of supervisors and enlisted men in supporting roles.

(d) COMMAND ACTION: This Battalion has expedited processing of achievement awards for support personnel so that they may be decorated at the same ceremony at which the flight crews they supported receive impact awards for valor.

(8) Uncertain Status of the 273rd HHC

(a) OBSERVATION: Standdown of the 273rd HHC in August followed shortly by requirements to continue operational missions created severe personnel and support turbulence in the unit.

(b) EVALUATION: Continuing flying crane support was required due to grounding of Super-C Chinooks during this period. The battalion initiated close consultation on the problem, through Group, with Brigade and USARV and made an early informal determination that at least a portion of the 273rd HHC would be required in-country while a long term fix to the Chinook problem was in process. This appeared, at an early point in the deliberation process, to be sure enough a conclusion to permit definitive planning for the future of the company.

CONFIDENTIAL

CONFIDENTIAL

15

AVBACA-EG

15 November 1970

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Cbt)
for Period Ending 31 October 1970 RCS CSFOR-65 (R2)(U)

(c) RECOMMENDATION: That commanders arrange immediate consultation with appropriate staff to assess the impact of unforeseen circumstances (e.g. the Super-C Chinook problem) and in order to alleviate serious morale and support problems deriving from prolonged uncertainty concerning the unit's status.

(d) COMMAND ACTION: The battalion announced to the 273rd HHC that all or a major portion of the company would probably be required to make up the Super-C Chinook shortfall. This removal of uncertainty produced an instantaneous lift in morale. It also became the basis for support arrangements which assured continuous operational readiness during the period of "technical" standdown and until the company was stood up again by appropriate orders.

(9) Inadequate Telephone Communications

(a) OBSERVATION: The SB-86 presently on hand and in use by this battalion is totally inadequate.

(b) EVALUATION: Due to the advanced age of the SB-86, we are experiencing numerous outages, caused by malfunctions of the switchboard. Although repair parts are critical, repair of our SB-86 must nonetheless be accomplished soon by a Direct Support Unit, which will result in the Battalion Operations Center being without a switchboard for an extended period of time.

(c) RECOMMENDATION: That support units capable of this repair take the required action to assure that appropriate repair parts are on hand.

(d) COMMAND ACTION: This command is seeking an SB-86 on a temporary loan basis allowing turn-in of the present one. This problem has been referred to higher headquarters and to the DSU supporting this battalion.

(10) Utilization of KAL 55B:

(a) OBSERVATION: This command is utilizing the KAL 55B, Aviators KAC wheel. The wheel itself is an immeasurable asset for aviation-supported operations. However, there are too many codes in use and not enough wheels are available for issue on a one per aircraft basis.

(b) EVALUATION: The KAL 55B aviators wheel is a definite asset in working with units which do not have secure voice capabilities. However, each Regiment Brigade or Group size unit publishes its own code and aviators are sometimes required to carry 3 or 4 codes to accomplish coordination. Also, these wheels are in very short supply and full utilization cannot be realized.

(c) RECOMMENDATION: Recommend that only four (4) codes be authorized for the KAL 55B, Vietnam-wide, on a one per Military Region basis. This will reduce the number of codes the aviator has to carry and allow him to encrypt coordinates, frequencies, etc. for any supported unit in a Military Region.

CONFIDENTIAL

CONFIDENTIAL

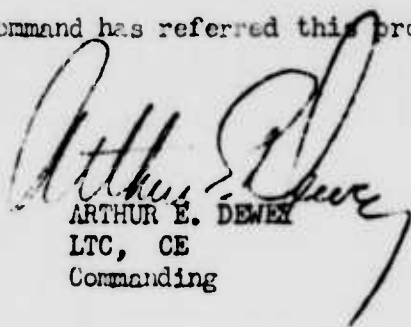
AVBACA-EC

15 November 1970

16

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Cbt)
for Period Ending 31 October 1970, RCS CSFOR-65 (R2)(U)

(d) COMMAND ACTION: This command has referred this problem to higher headquarters.



ARTHUR E. DEWEY
LTC, CE
Commanding

5 Incl

- (1) Organization
- (2) Acft Status
- (3) Operational Statistics
- (4) Ammunition Expenditures
- (5) Reenlistment Statistics for Period

DISTRIBUTION

5-CO, 12th Avn Gp (Cbt), ATTN: AVBACA-SC
2-CINCUSARPAC, ATTN: GPOP-DT, APO 96558
3-CG, USARV, ATTN: AVGHGC-(DST), APO 96375
2-CG, 1st Avn Bde, ATTN: AVBAGC

CONFIDENTIAL

17

AVBACA-SC (15 Nov 70) 1st Ind
SUBJECT: Operational Report-Lessons Learned, 222d Aviation Battalion
(Combat) for Period Ending 31 October 1970 RCS CSFOR-65 (R2) (U)

DA, HEADQUARTERS, 12TH AVIATION GROUP (COMBAT), APO 96266 25 Nov 70

THRU: Commanding General, II Field Force Vietnam, ATTN: AVFBC-R&E, APO 96266

Commanding General, 1st Aviation Brigade, ATTN: AVBA-C, APO 96384

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

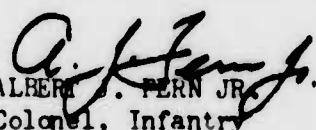
1. (U) This headquarters has reviewed the Operational Report-Lessons
Learned for the quarterly period ending 31 Oct 70 from Headquarters,
222d Aviation Battalion (Combat).

2. (C) The following comments are provided:

a. Reference: paragraph 2a(1), avionics trained personnel. Concur.
Unit has been advised to submit appropriate MTOE action.

b. Reference: paragraph 2a(3), property book officers. Concur.
This headquarters has provided instruction to each battalion on
responsibility and duties of unit property book officers.

c. Paragraph 2 of this report is not in the recommended format;
however, the required subjects have been addressed. Corrective action
has been taken by this headquarters to insure the proper format on
subsequent ORLL's.


ALBERT J. PARN JR.
Colonel, Infantry
Commanding

CONFIDENTIAL

CONFIDENTIAL

18

AVFBC-RE (15 Nov 70) 2d Ind

SUBJECT: Operational Report - Lessons Learned of 222d Aviation Battalion
(Combat) for Period Ending 31 October 1970, RCS CSPOR-65 (R2)(U)

DA, HQ, II Field Force Vietnam, APO 96266

THRU: Commanding General, 1st Aviation Brigade, ATTN: AVBA-C, APO 96384

Commanding General, US Army Vietnam, ATTN: AVHDO-DO, APO 96375

Commander-In-Chief, US Army Pacific, ATTN: GPOP-DT, APO 96538

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

1. (U) This headquarters has reviewed the Operational Report - Lessons
Learned for the quarterly period ending 31 October 1970 from Headquarters,
222d Aviation Battalion (Combat) and comments of the indorsing head-
quarters.

2. (C) Comments follow:

a. Reference item concerning "Inadequate Telephone Communications,
page 13, paragraph 9; concur. The unit should coordinate with the
support unit to determine if a maintenance float switchboard is available
for issue while the on-head unit is being repaired. If a float is not
available, a temporary loan could be issued while the equipment is being
repaired.

b. Reference item concerning "Utilization of KAL-55B", page 13,
paragraph 10; nonconcur. The National Security Agency (NSA) recommends
that the number of encrypted transmissions in a 24-hour period not
exceed 500 messages, reference CINPAC msg 310302 Oct 69. A survey has
been made of the ten different editions of the CIRCE code used in MR 3
which indicates that this number of transmissions per day is exceeded
by several holders. The consolidation of all CIRCE codes in MR 3
would increase the possibility of cryptographic compromise of the
system and exploitation of the encrypted material. As command structures
and force levels change, the distribution of MR 3 CIRCE codes is
reviewed for consolidation. One common CIRCE code is now used by the
12th Aviation Group.

FOR THE COMMANDER

W. B. Smith
A. R. TEL. JR.
24 OCT 70

16

CONFIDENTIAL

CONFIDENTIAL

19

AVSAGC-0 (15 Nov 70) 3d Ind
SUBJECT: Operational Report - Lessons Learned of 222d Aviation Battalion
(Combat) for Period Ending 31 October 1970, ACS CSFOA-65 (AC) (C)

DA, HEADQUARTERS, 1ST AVIATION BRIGADE, APO 96304 15 DEC 1970

TO: Commanding General, United States Army Vietnam, ATTN: AVSAGC-DSF,
APO 96375

Commander-in-Chief, United States Army Pacific, ATTN: GPOC-OT,
APO 96558

This Headquarters has reviewed subject report and concurs with the contents as indorsed with the following exceptions:

1. (c) reference paragraph 2a(1), page 6; concur. Staff supervision of subordinate avionics facilities is a function of the Battalion Signal Officer. The scope of these duties at battalion level do not justify a staff position in ACS 357. Further, there is a current critical shortage of this ACS and to authorize more positions would further aggravate the situation.

2. (c) reference paragraph 2b(2), page 13, and paragraph 2c, 2d indorse and, exhibit of OP-1-55; concur with recommendation in basic report. This Headquarters agrees that additional OP-1-55 wheel codes are needed and that wheels will be issued in the near future. Further, concur that same code should be used throughout the military region.

FOR THE COMMANDER:

Conrad Williams
C. W. WILLIAMS
CPT, AOC
Asst AC

CONFIDENTIAL

21

AVRDO-DC (15 Nov 70) 4th Ind
SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion
(Combat) for Period Ending 31 October 1970 RCS CSFOR-85 (R2) (U)

Headquarters, United States Army Vietnam, APO San Francisco 96375 17 MAR 1971

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

1. This Headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 October 1970 from Headquarters, 222d Aviation Battalion (Combat) and comments of indorsing headquarters.

2. Comments follow:

a. Reference item concerning "S-5 Staff," page 9, paragraph 2a(4). Recommendation appears to have Army-wide implications. Recommended changes to the TOE must be submitted through command channels, ATTN: S3/G3/DCSOPS as appropriate, to TOE proponent IAW AR 310-31. In the interim, should the unit decide to submit a MTOE change to add an S-5 Staff it must include complete justification in accordance with instructions detailed in paragraph 2-33, AR 310-49 and provide suitable trade-off spaces as strength increases cannot be supported by HQ USARV. This Headquarters has not received a request for change to the MTOE as stated in paragraph 2a(2)(d). No action by USARPAC is recommended. Unit has been so advised.

b. Reference item concerning "Property Book Officers," page 9, paragraph 2a(3) and 1st Indorsement, paragraph 2b: concur. Recommendation that nonrated school trained supply technician or supply officer be assigned to an aviation company by TOE has Army-wide implications. Recommendation for TOE change must be submitted through command channels, ATTN: S3/G3/DCSOPS as appropriate, to the TOE proponent IAW DA policies and directives set forth in AR 310-31. The Assault Helicopter Company is not an organic element of a battalion and as such will be responsible for its own property books. Should the unit require a supply technician or supply officer for its MTOE operational mission then a change to the MTOE to add a supply technician or supply officer must be submitted with detailed justification outlined in paragraph 2-33, AR 310-49. Suitable trade-off spaces must be provided as a strength increase cannot be supported by HQ USARV. Appointment of property book officer is an internal organization matter. No action by USARPAC is recommended. Unit has been so advised.

c. Reference item concerning "Inadequate Telephone Communications," page 13, paragraph 2a(9) and 2nd Indorsement, paragraph 2a. The Direct Support (DS) Unit is limited in spare parts stockage of those items listed in the applicable technical manual, TM 11-5805-304-35P for the SB-86,

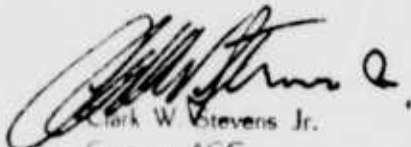
22

AVHDO-DO (15 Nov 70) 4th Ind
SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion
(Combat) for Period Ending 31 October 1970 RCS CSFOR-65 (R2) (U)

plus those parts that demand data has been accumulated on, in accordance with AR 735-35. Parts Stockage is a responsibility of the DS unit. Additionally, the SB-86 has been designated by ICCV in the management of critical items for maintenance support as part of the Closed Loop Support system. The CLS is promulgated by USARV Suppl 1 to AR 700-69. This authorizes the unit to make a direct exchange of their bad equipment for a like item at their support maintenance unit. The shop office of the 147th Light Maintenance Company was queried and they have SB-86's on hand to support this requirement. The 222nd Aviation Battalion Signal Staff Officer was contacted and given the above information. No action by USARPAC or DA is recommended.

d. Reference item concerning "Utilization of KAL 55B," page 13, paragraph 2a(10), 2nd Indorsement, paragraph 2b and 3d Indorsement, paragraph 2: nonconcur. It is agreed that the use of multiple CIRCE codes may impose small hardships upon aviators and the use of only one code per kit would be a real convenience to them. However, elimination of all other codes in RVN would greatly increase the vulnerability of the system, but would not provide sufficient compartmentalization, and would all but totally negate the usefulness of the CIRCE system. The system was never intended for more than five hundred uses per day, any point over that figure makes the system less secure and subject to complete reconstruction by VC/NVA COMINT Teams. Based upon usage reports from the field, it is estimated that total usage for each code would soar to astronomical proportions. NSA has contracted for 20,000 additional KAL 55B's to replace those lost, destroyed or rendered useless by fair wear and tear. Unit has been so advised.

FOR THE COMMANDER:


Clark W. Stevens Jr.
Captain AGC
Assistant Adjutant General

Cy furn:
1st Avn Bde
222d Avn Bn

23

GPOP-DT (15 Nov 70) 5th Ind (U)
SUBJECT: Operational Report of HQ, 222d Aviation Battalion (Combat) for
Period Ending 31 October 1970, RCS CSFOR-65 (R2)

HQ, US Army, Pacific, APO San Francisco 96558 5 APR 1971

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

25 AVBACA-EC

15 November 1970

SUBJECT: Operational Report - Lessons Learned, 222d Aviation Battalion (Combat)
for Period Ending 31 October 1970 RCS CSFOR-65 (R2)(U)

222d Aviation Battalion (Combat) Organization Structure

222D AVIATION BATTALION (COMBAT)

Headquarters Company, 222d Aviation Battalion (Combat)

87th Quartermaster Detachment

315th Aviation Detachment (Divisional)

772d Medical Detachment (OA)

117th Aviation Company (Aslt Hel)

195th Aviation Company (Aslt Hel)

93rd Medical Detachment (OA)

240th Aviation Company (Aslt Hel)

273rd Aviation Company (Hvy Hel)

INCLOSURE 1

CONFIDENTIAL

INCLOSURE 2 to 222D AVIATION BATTALION (COMBAT) ORLL dtd 15 November 1970

222D AVIATION BATTALION (COMBAT) AIRCRAFT STATUS

15 November 1970

	UH-1C		UH-1D/H		CH-54		OH-58	
	<u>Auth</u>	<u>Asfd</u>	<u>Auth</u>	<u>Asfd</u>	<u>Auth</u>	<u>Asfd</u>	<u>Auth</u>	<u>Asfd</u>
HHC, 222d Avn Bn (Obt)	0	0	1	1	0	0	3	3
117th Aviation Company (Aslt Hel)	7	7	22	21	0	0	0	0
195th Aviation Company (Aslt Hel)								
240th Aviation Company (Aslt Hel)	7	7	25	25	0	0	0	0
273rd Aviation Company (Hvy Hel)	0	0	0	0	7	7	1	1

22

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

INCLOSURE 3 to 222D AVIATION BATTALION (COMBAT) ORLL dtd 15 November 1970

Subordinate Units	Sorties Flown	Troops Lifted	Cargo Tons Lifted	Enemy ABA	Structures DAM/DEST	Sampans DAM/DEST	Acft Loss	Acft DAM
HHC	1087	874						
117th Avn Co (Aslt Hel)	19607	21915	228	8	14/5	0/1	3*2**	
195th Avn Co (Aslt Hel)	27027	41149	91	7	16/13	2/6	3*1**	2*
240th Avn Co (Aslt Hel)	27701	47962	257	120	42/68	0/26	9*9**	2*1**
273rd Avn Co (Hvy Hel)	1579	0	4180	0	0	0	2***	

*UH-1H
 **UH-1C
 ***CH-54

CONFIDENTIAL

INCLOSURE 4 to 222D AVIATION BATTALION (COMBAT) ORLL dtd 15 November 1970

AMMUNITION EXPENDITURES FOR PERIOD 1 Aug to 31 Oct 70

	<u>7.62</u>	<u>5.56</u>	<u>40mm</u>	<u>2.75 FFAR</u>	<u>50 Cal</u>
HHC	0	0	0	0	0
117th	285,000	0	0	1,900	500
195th	324,000	0	432	2,215	0
240th	684,000	0	0	5,836	800
273rd	0	0	0	0	0

24

INCLOSURE 5 to 222D AVIATION BATTALION (COMBAT) ORLL dtd 15 November 1970

1 AUG-31 OCT 70

Reenlisted

Unit	Objective	1st Term				USAR/NG	TOTAL	%
		RA	AUS	RA	Career			
HHC	3	0	0	2	0	2	66.66	
117th	6	0	0	1	0	1	16.66	
195th	6	1	0	1	0	2	33.33	
240th	6	0	0	1	0	1	16.66	
273rd	6	1	0	0	0	1	16.66	

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

31

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, OACSFOR, DA, Washington, D. C. 20310		CONFIDENTIAL
		2b. GROUP
		4
3. REPORT TITLE		
Operational Report - Lessons Learned, HQ, 222d Aviation Battalion		
4. DESCRIPTIVE NOTES (Type of report and inclusive dates)		
Experiences of unit engaged in counterinsurgency operations, 1 Aug to 31 Oct 70.		
5. AUTHOR(S) (First name, middle initial, last name)		
CO, 222d Aviation Battalion		
6. REPORT DATE	7a. TOTAL NO. OF PAGES	7b. NO. OF REFS
15 November 1970	28	
8a. CONTRACT OR GRANT NO.	9a. ORIGINATOR'S REPORT NUMBER(S)	
b. PROJECT NO	704261	
c. N/A	9b. 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	OACSFOR, DA, Washington, D. C. 20310	
13. ABSTRACT		

CONFIDENTIAL