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AGO ltr 29 Apr 1980 ; AGO ltr 29 Apr 1980

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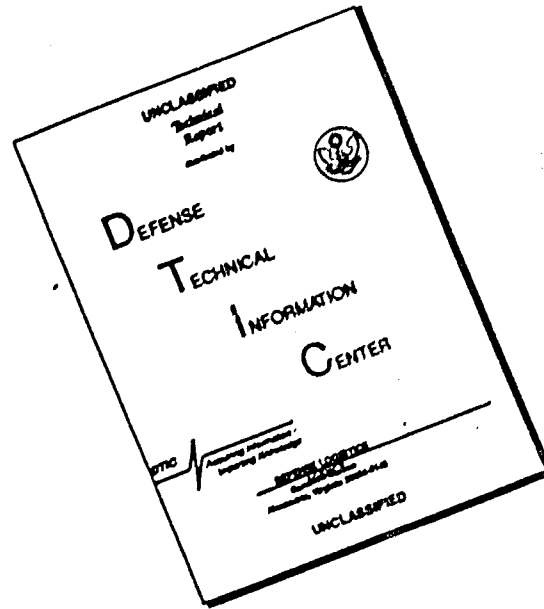
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DEPARTMENT OF THE ARMY
OFFICE OF THE ADJUTANT GENERAL
WASHINGTON, D.C. 20310

IN REPLY REFER TO

AGAM-P (M) (27 Jan 69) FOR OT UT 684211

31 January 1969

SUBJECT: Operational Report - Lessons Learned, Headquarters, 13th Combat
Aviation (Guardian) Battalion, Period Ending 31 October 1968 (U)

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1. Subject report is forwarded for review and evaluation in accordance with paragraph 5b, AR 525-15. Evaluations and corrective actions should be reported to ACSFOR OT UT, Operational Reports Branch, within 90 days of receipt of covering letter.
2. Information contained in this report is provided to insure that the Army realizes current benefits from lessons learned during recent operations.
3. To insure that the information provided through the Lessons Learned Program is readily available on a continuous basis, a cumulative Lessons Learned Index containing alphabetical listings of items appearing in the reports is compiled and distributed periodically. Recipients of the attached report are encouraged to recommend items from it for inclusion in the Index by completing and returning the self-addressed form provided at the end of this report.

BY ORDER OF THE SECRETARY OF THE ARMY:

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Major General, USA
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 - 13th Combat Aviation (Guardian) Battalion

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DEPARTMENT OF THE ARMY
Headquarters, 13th Combat Aviation (Guardian) Battalion
APO San Francisco 96296

AVBN-G

12 November 1968

SUBJECT: Operational Report of 13th Combat Aviation (Guardian) Battalion for
Period Ending 31 October 1968, HCS CSFOR-65(R1) (U)

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1. (C) Section 1, Operations: Significant Activities.
 - a. Unit Mission. There was no change to the unit mission during this period.
 - b. Organization. At the close of the reporting period the organization of the 13th Combat Aviation (Guardian) Battalion was as follows:
 - (1) Headquarters and Headquarters Detachment
 - (2) The 114th Assault Helicopter Company (UH-1) with the 544th Transportation Detachment (KD) and the 96th Signal Detachment (RL) attached.
 - (3) The 121st Assault Helicopter Company (UH-1) with the 80th Transportation Detachment (KD) and the 257th Signal Detachment (RL) attached.
 - (4) The 175th Assault Helicopter Company (UH-1) with the 150th Transportation Detachment (KD) and the 28th Signal Detachment (RL) attached.
 - (5) The 271st Assault Support Helicopter Company (CH-47) with the 361st Transportation Detachment (KD) attached.
 - (6) The 336th Assault Helicopter Company (UH-1) with the 167th Transportation Detachment (KD) and the 277th Signal Detachment (RL) attached.
 - c. Changes in Command and Staff
 - (1) LTC Richard A. Keilman, O1932219, was assigned as Commanding Officer on 1 August 1968, LTC James L. Tow, was reassigned to CONUS.
 - (2) MAJ William Jugel Jr. O1938874, was assigned as S-2 on 25 September 1968. There was no S-2 assigned at the time Major Jugel assumed the position.
 - (3) MAJ Clifford H. Burns, OF100635, was assigned as Assistant S-3 on 10 August 1968. Major Roger K. Poquette was reassigned to the 121st Assault Helicopter Company.
 - (4) MAJ Richard S. Freeze, O87746, was assigned as Battalion Maintenance Officer on 11 August 1968. Major Nicolas P. Stein was reassigned to USAFBUH.
 - (5) CPT Max E. Reddick, O2332460, was assigned as Medical Officer on 2 November 1968. Major Gary B. Robnett was Medevaced.

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SUBJECT: Operational Report of 13th Combat Aviation Squadron (Guard) Battalion
Period Ending 31 October 1968, POC: G-2/2005-11 (U)

(6) CW3 Marvin C. Albrecht, W3200521, was assigned as Administrative Assistant on 5 September 1968. 1LT David G. Pipes was reassigned to US REUR.

(7) CW3 James T. Brady Jr., W2201750, was assigned as Personnel Officer on 24 October 1968. CW3 David W. Nichols was reassigned to CONUS.

(8) CW2 Russell E. Johnson, W3431076, was assigned as Motor Maintenance Officer 1 August 1968. CW2 Bernard J. Buons was reassigned to CONUS.

(9) CW2 Otis Smith, W3152095, was assigned as Assistant S-4 on 12 August 1968.

d. Unit Strength as of 31 October 1968.

(1) Military

UNIT	OFFICER			NCO			TOTAL			
	Auth	Man	Pres	Auth	Man	Pres	Auth	Pres	Man	Pres
HHD	13	17	13	3	3	4	74	106	94	125
544th	15	12	21	50	44	37	149	120	216	178
96th	1	1	1	1	1	1	70	57	74	59
121st	15	12	22	50	44	38	152	146	219	203
30th	1	1	1	1	1	1	72	48	74	50
257th	1	1	1	0	0	0	9	8	10	9
175th	15	12	22	50	44	35	147	124	214	176
150th	1	1	1	1	1	1	72	70	74	72
28th	1	1	0	0	0	0	9	5	10	5
336th	15	12	21	50	44	34	152	147	219	201
167th	1	1	1	1	1	1	72	45	74	47
77th	1	1	1	0	0	0	9	9	10	10
271st	13	12	7	25	23	18	143	142	177	167
361st	1	1	1	1	1	1	80	79	82	81
13th C.B	100	86	104	233	207	172	1319	1114	1557	1392

(2) Non-Military

UNIT	DAC		VN		3RD NATL		CONTRACTOR
	Auth	O/H	Auth	O/H	Auth	O/H	
HHD	0	0	4	4	0	0	0
114th	0	0	4	14	0	0	0
121st	0	0	25	69	0	0	0
175th	0	0	5	12	0	0	0
336th	0	0	26	53	0	0	0
271st	0	0	0	13	0	0	0
13th CAB	0	0	64	159	0	0	0

(3) The battalion continues to experience a shortage in the following MOS's.

- (a) 26M20 Air Borne Radar Repairman
- (b) 45J20 Aircraft Armament Repairman
- (c) 51M40 Fire-Fighter
- (d) 67A1f UH-1 Helicopter Repairman

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- (e) 68B20 Aircraft Turbine Engine Repairman
- (f) 68G20 Airframe Repairman
- (g) 71T20 Maintenance Data Specialists
- (h) 76T20 Aircraft Repairman Parts Specialists
- (i) 76U20 Communications Electronics Repairman Parts Specialists
- (j) 76V20 Petroleum Storage Specialists
- (k) 76Y40 Armorer/Unit Supply Specialists
- (l) 67N40 Maintenance Supervisors
- (m) 67W20 Technical Inspectors

- e. Aircraft Status as of 31 October 1968. See Incl 2.
- f. Operational Results as of 31 October 1968. See Incl 3.
- g. Operations. General.

(1) The 13th Combat Aviation (Guardian) Battalion continue to provide aviation assets for pre-planned airmobile assaults, troop repositioning and extractions, tactical and administrative resupply, command liaison, medical evacuation and direct fire support by armed helicopters in support of the 7th, 9th and 21st ARVN Infantry Divisions and the 44th Special Zone. Support was also provided to Military Advisory Group IV Corps, Special Forces and COADS. The 13th CAB Operations Center continued to function throughout the movement of the headquarters from Can Tho to Soc Trang. This was accomplished by installing the required communications equipment at Soc Trang while the Operations Center at Can Tho continued to control the battalions aviation assets. At 2400 hours on 24 October 1968 the transition was made to the new Battalion Operations Center at Soc Trang. The new BOC is located in the airfield command bunker which is constructed of steel, cement and earth and will withstand a direct hit by the largest caliber weapon ever utilized by the enemy in an attack on Soc Trang Airfield.

(2) Airmobile Operations. The battalion supported 172 airmobile operations during the period. Two of the more significant operations were conducted on 15 and 31 August 1968.

(a) Intelligence reports received on 14 August indicated that two (2) VC companies and an ammo cache were located along a canal 9-13 Kilometers northeast of Rach Soi. The 336th Assault Helicopter Company was notified of the impending operation on the evening of 14 August 1968. Plans were formulated, overlays were made and all supporting elements were notified. Planned airstrikes commenced promptly at 0730 and continued until 0900, LZ time. As the strikes progressed, a heavy fire team conducted a visual reconnaissance of the landing zone 10 minutes prior to LZ time. The troop transports departed Rach Soi at 0845 and proceeded to an LZ 15 kilometers northeast of Rach Soi. Three additional lifts were inserted in this LZ. Four hundred more troops were then inserted into an LZ 900 meters NN of the initial LZ. The ground elements then proceeded southwest along both sides of the canal which was the alleged location of the enemy. An additional ground element had been prepositioned approximately 9 kilometers to the southwest of the maneuver elements in a blocking position. A light fire team reconning ahead of the maneuver elements spotted some tents and other equipment and also received sporadic small arms fire. The ground commander decided to insert a recon company to exploit this sighting. The recon company was repositioned twice more during the conduct of this operation to block escape routes as the enemy attempted to avoid the major maneuver elements. As the maneuver elements proceeded toward their final objective they uncovered numerous weapons, ammo caches and other assorted equipment. All aviation

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assets were released at 1945 hours.

Result of the operation were as follows:

FRIENDLY

3 WIA

ENEMY

8 KIA
3 Captured
2 Boxes K-2 ammo
4 Mines
5 Rds 75mm RR ammo
10 Rds 60mm Mort ammo
86 Rds B-40 rocket
5 Russian Rifles
2 K-1
5 K-2
1 B K
3 MG K-3

The success of this operation was enhanced by the ground commanders capability of rapidly redeploying his mobile reserve force through the employment of his aviation assets.

(b) On 28 August 1968, 2 ARVN POW's escaped from a Viet Cong prison camp located approximately 10 kilometers southwest of Vi Thanh. During the afternoon of 30 August the 121st Assault Helicopter Company was assigned the mission of conducting a raid on the camp in support of the 21st ARVN Division. On the evening of 29 August, 12 members of a Provincial Reconnaissance Unit were inserted 3200 meters south of the camp with the mission of infiltrating and acquainting themselves with the lay out of the prison camp so that they would be able to assist in the release and/or defense of the prisoners should the VC attempt to take their lives before the ARVN's could move in the next morning and free them. At 0635 the next morning a heavy fire team conducted a hasty visual reconnaissance of the LZ just moments before the troop transports inserted 50 troops into the LZ. The troops immediately moved into the prison camp and established a defensive perimeter. As this was being done a Viet Cong force was moving into an assault position 1000 meters north of the camp. As the VC advanced on the camp they encountered devastating fire from the 12 PRU's who had infiltrated the previous night. The gunships joined in the attack on the VC and they were repulsed. With this threat eliminated the ARVN's had complete control of the prison camp and the extraction was complete by 0930.

Results of the operation were as follows:

FRIENDLY - Forty-five ARVN POW's were released. Unfortunately, the eight Americans had been moved to another location on 29 August 1968. There were no friendly casualties.

ENEMY - 16 KBA

1 VC Suspect

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2 Rifles	Numerous Documents
Numerous Medical Supplies	4 Sampans Destroyed
6 Structures Destroyed	Camp Destroyed

This operation illustrated again the versatility of an airmobile force in the conduct of a well planned and aggressively executed airmobile operation.

h. Training. The seven VNAF helicopter pilots enrolled in the battalion UH-1D transition training program completed their training on 11 October 1968. The VNAF aviators compiled over 800 hours of flying time as they participated in command and liaison, resupply and combat assault missions. The students were presented their certificates of achievement by the Commanding General of the 1st Aviation Brigade and the Commanding Officer of the 74th VNAF Wing during a graduation ceremony held at Soc Trang Army Airfield on 11 October 1968.

i. Morale and Discipline

(1) The number of approved recommendations for awards received during this period are shown by type and totals awarded:

DFC 35 SM 1 DS"V" 15 AM"V" 96 ACM"V" 12 BS"S" 18 ACM 27 PH 9
AM 1560

(2) During this reporting period the number of approved disciplinary actions taken under UMCJ were:

	<u>OFFICER</u>	<u>WARRANT OFFICER</u>	<u>ENLISTED MEN</u>
General	0	0	0
Special	0	0	3
Senior	0	0	0
AM 15	0	0	33
TOTAL	0	0	36

(3) The following number of personnel were reported as casualties during this period.

KIA 6 MIA 18

(4) Number of personnel that took R & R leave to various countries is denoted below:

AUS 53 Bnk 35 Haw 95 H.K. 16 M n 10 K.L. 8 Tai 21 Tok 34 VT 15
Puang 3 Sing 3 TOTAL 289.

j. Safety:

(1) During the reporting period the Battalion experienced eight (8)

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SUBJ: Operational Report of 13th Combat Aviation Battalion (Guard) 13th AF
Period Ending 31 October 1968, 135 D.FUR-65(R1) (U)

reportable accidents for a rate of 21.4 accidents per 100,000 flying hours. This represents a decrease of approximately twenty-seven percent from the previous reporting period. Five of these accidents resulted from engine failures, two from loss of anti-torque control, and one was attributed to pilot error.

(2) The incidence of in-flight engine failures reflected a sharp increase over the last reporting period. From 1 August through 31 October 1968, units of the Battalion experienced a total of fourteen in-flight engine failures. One of these failures was attributed to foreign object damage, the remaining thirteen failed for internal reasons. Of the thirteen internal failures, twelve were regular engines. The average amount of hours flown from time of rebuild to time of failure of these engines was approximately 327 hours.

k. Historical Summary: On 10 October 1968 the Headquarters and Headquarters Detachment of the 13th Combat Aviation Battalion bid a sad farewell to Con Tho, Vietnam home of the 13th CAB since 8 July 1963. The Battalion was ordered to Soc Trang which is located 41 miles southeast of Con Tho, and is the home of two sister companies the 356th AHC and the 131st AHC. Movement orders required the Detachment to be operational at Soc Trang not later than 1 November 1968. The Headquarters Detachment completed the move in three days (24 - 26 Oct 68). Most of the property and personnel were airlifted by CH-47 Helicopters. The move was climaxed by a road convoy of the organic vehicles and the remaining TO & E equipment. Personnel at the Detachment again demonstrated their ability to perform successful operations smoothly and professionally. Special commendations are in order for CPT Russell Johnson, the Battalion Motor Maintenance Officer, and all the Motor Pool Mechanics who worked 12-15 hours a day preparing the fleet of organic vehicles for the road convoy. The dust has settled, the environment has become familiar, and the men of the 13th CAB are ready to continue to "Get The Job Done"

(b) Section 2. Lessons Learned - Commander's Observation, Evaluations and Recommendations.

a. Personnel. None.

b. Operations

(1) Insufficient Rigging Equipment.

(a) Observation: An insufficient quantity of rigging equipment was available to supported units for conduct of Artillery moves in IV Corps Tactical Zone.

(b) Evaluation: At the PZ, lack of sufficient rigging equipment prevents the supported unit from pre-rigging their loads. Delays are frequently encountered because of the additional requirement for the supported unit to

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have sufficient work parties and transportation in the PZ to maintain a constant supply of rigged loads. When the PZ and LZ are only a short distance apart, the problem is magnified due to the short turn-around flight time for each aircraft. The lack of rigging equipment causes the CH-47 to land and remain in the LZ for extended periods of time while the load is de-rigged and the rigging equipment is loaded on the aircraft for backhaul to the PZ. Thus, the LZ size requirement is necessarily larger to accommodate the CH-47 on the ground as well as the other landing aircraft. When utilizing armed escort, the problems of the escort commander are compounded due to the excessive time. The CH-47's are in the LZ.

(c) Recommendations: Recommend the supported artillery unit be required to obtain and maintain sufficient and proper slings and straps for each Artillery piece and nets for their basic ammo load. Recommend this rigging equipment become a part of their section equipment and that sufficient extra rigging equipment be maintained at the unit headquarters level to support any normal requirement for additional ammo resupply. Recommend also that command emphasis at Corps level be placed on the requisitioning and maintenance of the necessary rigging equipment.

(2) "Piggy - Back" Loads.

(a) Observations: Seldom do ARVN artillery units utilize the "piggy-back" load, instead artillery pieces are inserted with crews and then supplied with ammo.

(b) Evaluation: The full capabilities of the CH-47 are not realized until the "piggy-back" load is utilized. The most important advantage of this type load is the capability of putting an artillery piece, crew, and ammo into a firing position at the same time. Again, the proper rigging equipment must be on hand in order to prepare this type load for transport by CH-47. Fewer sorties will be required to move an artillery battery by utilizing the "piggy-back" method, and at the same time, better utilization of the CH-47 will be realized.

(c) Recommendation: Recommend the U.S. artillery advisors emphasize to their counterparts, the need for and resultant increase in the efficiency of an artillery move when utilizing the "piggy-back" method.

(d) Common frequency for maneuver elements in operational area.

(a) Observation: Ground units maneuvering in the same operational area do not always operate on or monitor a common FM frequency.

(b) Evaluation: When maneuver elements are operating on more than one frequency, gunships are not able to continuously monitor all the units in the operational area. Most often this occurs when there are maneuver elements present on the operation who have not been airlifted, but have entered the

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operational area by some other mode of transportation. Also the Airmobile Task Force Commander is not able to continuously monitor the progress of the maneuver elements. From the standpoint of placing accurate supporting fires on known or suspected enemy positions, the exact location of all friendly forces must be known at all times. The use of more than one frequency by the maneuver elements creates a hazard and reduces the responsiveness of command support.

(c) Recommendation: The Airmobile Task Force Commander should make every effort to have only one FM frequency for the maneuver elements in a given operational area.

(4) Air traffic congestion at stagefields/airfields.

(a) Observation: The recent significant increase in air traffic density has created hazardous operating conditions on and around stagefields/airfields.

(b) Evaluation: To reduce the hazard caused by the increasingly congested conditions at stagefields, a Stagefield Operations (SOC) is appointed by the unit which functions as the Air Mission Commander for each tactical operation. The SOC is a captain with extensive background in airmobile operations. His function is to positively control all air and vehicular traffic on and around the stagefield. To accomplish this mission the SOC has control of a Pathfinder detachment (minus) which is equipped with two (2) $\frac{1}{2}$ ton vehicles which have HF and FL radio capability. All headquarters controlling aviation assets in the "Delta" are notified daily of the stagefields which will be used as staging areas for tactical operations. Frequencies which are used to control air traffic at stagefields which do not have controllers have been disseminated to all aviation units. Occasionally, airstrips being utilized as a staging area for tactical operations are closed to fixed-wing traffic. The control measures listed above have markedly reduced the number of hazardous conditions on and around our stagefields/airfields.

(c) Recommendations: That the action taken by this Battalion is to increase the efficiency and reduce the hazards of stagefield operations be presented to other aviation units for their consideration.

(5) Aircraft Commander Selection Criteria Observation:

(a) There has been a definite need to standardize the criteria utilized to select aircraft commanders at the unit level.

(1) Evaluation: The following guidance was published in the Battalion tactical SOP to standardize the criteria utilized by the units in selecting their aircraft commanders:

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- (1) Minimum of 350 hours flying time in RVN. (Second tour personnel must have logged 100 hours during the 2nd tour.)
- (2) A minimum of four (4) months in RVN
- (3) Must be familiar with geographical area.
- (4) Must have received a border orientation.
- (5) Will be knowledgeable in all flight following procedures and techniques
- (6) Must be capable of performing the duties of trail or lead aircraft of a formation conducting a combat assault. (Not applicable to Assault Support Helicopter Companies).
- (7) Must have demonstrated the ability to remain calm under the stress of combat conditions.
- (8) Must be thoroughly familiar with aircraft capabilities and limitations.
- (9) Must be capable of presenting a comprehensive operational briefing to his crew, passengers and/or aviators.

(C) Recommendation: That other aviation headquarters evaluate the criteria as set forth in paragraph (5), (b).

- c. Training. None
- d. Intelligence. None
- e. Logistics. None
- f. Organization. None
- g. Other. (Maintenance)

(1) Leaking master brake cylinders after CH-47 aircraft are deployed by aircraft carrier to RVN

(a) Observation: Many CH-47 units have had problems with leaking master brake cylinders after their aircraft were deployed to RVN by aircraft carriers.

(b) Evaluation: Normally, when the CH-47 is lifted onto the aircraft has been positioned aboard the flight deck. No requirements has been established to reset the parking brakes during the movement by ship to RVN.

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During this move constant pressure on the master brake cylinder causes it to begin leaking. During deployment of the 271st ASHC by ship to RVN, the aircraft cocoons were taken off the rear of the aircraft, the APU started, parking brakes were then reset and the cocoons replaced after the APU cooled down. This procedure was followed once each week during deployment and to date no problems have developed with leaking master brake cylinders.

(c) Recommendation: Recommend that CH-47 helicopters being deployed to RVN or other areas by aircraft carrier be required to reset the parking brakes at least once each seven days to preclude future problems with the master brake cylinders.

(2) High Rate of In-flight Engine Failure and Precautionary Landings in UH-1 Aircraft.

(a) Observation: There has been a high rate of in-flight engine failures and precautionary landings among UH-1B, UH-1C and UH-1D helicopters assigned to this battalion. Engine failures have been particularly high among UH-1B and UH-1C aircraft using rebuilt T53-L11 and T53-L11B engines.

(b) Evaluation: The UH-1B and UH-1C helicopters assigned to this battalion are all utilized as gunships flying in support of assault helicopter operations. The nature of their mission requires that they fly at high gross weight, high air speed and continually execute maneuvers which place high stress on both the aircraft and the engine. UH-1D helicopters assigned to the battalion have a primary mission as assault helicopters. Their mission requires that they make formation landings into landing zones, often located in rough and difficult terrain. Their departure normally employs a maximum power climb to altitude. Engines and airframes of all aircraft are continually subjected to stress approaching design limitations. In an attempt to locate malfunctioning engines prior to in-flight failure, this battalion has initiated a program wherein pilots, prior to each flight, with the aircraft at a two foot hover, record engine torque, percent N-1, exhaust gas temperature, outside air temperature and gross weights of the aircraft. At the end of each flight the crew chief checks engine coast down time and monitors the engine for unusual noise or excessive smoking. In this manner, several malfunctioning engines have been located and either repaired or removed from service prior to in-flight failure. As an additional precaution against engine and airframe failures, this Battalion has initiated a program wherein the companies are required to perform a 100% technical inspection of each aircraft at each second intermediate inspection. This is in addition to the normal requirements in the PMI. During these inspections numerous minor discrepancies have been found and corrected which might otherwise have resulted in a precautionary landing, failures or major accidents with resultant loss of life or vital combat aircraft.

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AVBN-GC

12 November 1968

SUBJECT: Operational Report of 13th Combat Aviation Squadron (ASST) Station for
Period Ending 30 October 1968, RCS CSFOR-65(21) (1)

(c) Recommendation: Recommend that all helicopter companies experiencing a high rate of in-flight engine failures require pilots to monitor and record vital engine instrument readings and that these recordings be analyzed on a daily basis. In addition, recommend that all helicopter units whose aircraft are subjected to continued stress in the accomplishment of their daily mission, initiate a program of 100% technical inspection of all aircraft at the second intermediate.

All inclosures

3 Incl- w/d, Hq, DA

1. ~~Organization and Stationing~~
2. ~~13th CAB Aircraft Status~~
3. ~~13th CAB Operational Statistics~~

Richard A. Keenan
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TTC,CS
Commanding

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AVGN (12 Nov 68) 1st T-1
SUBJECT: Operational Report of the 13th Caval Aviation (Guardian)
Battalion for the Period ending 31 October 1968, RCS
CSFOR-65 (R1) (U)

DA, HC, 164TH AVIATION GROUP, APO 96215 30 November 1968

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1. (U) The attached 13th CAE ORLL for the period ending 31 October 1968 has been evaluated by this headquarters as required by USARV Reg 525-15.

2. (U) The authorized unit strength for HHD, 13th CAE and authorized civilian strength for 13th CAB are listed below:

a. MILITARY HHD, 13th CAE

<u>OFF</u>	<u>WO</u>	<u>EM</u>	<u>TOTAL</u>
22	2	85	109

b. CIVILIAN 13th CAE

<u>HHD</u>	<u>114th AHC</u>	<u>121st AHC</u>	<u>175th AHC</u>	<u>336th AHC</u>	<u>271st ASHC</u>	<u>TOTAL</u>
2	5	18	5	15	2	47

3. (C) Section 2, Lessons Learned: Commander's Observations, Evaluations, and Recommendations.

a. Insufficient Rigging Equipment; Concur with the recommendation. IV Corps advisors are attempting to procure the required rigging equipment for the ARVN units.

b. "Piggy - Back" Loads: U.S. Advisors and their counterparts are aware of "Piggy - Back" load advantages and disadvantages. This method of transport is not being employed due to the shortage of rigging equipment. The required equipment is expected to be available soon and this method of rigging will be frequently employed.

c. Common frequency for maneuver elements: Non - Concur with the recommendation. One FM frequency for all ground maneuver units would seriously restrict ground commanders in the control of their units. All ground elements on a common frequency with the gunships is not desirable. The present method of air - to - ground coordination for close fire support is desirable and adequate.

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AVGN (12 Nov 68) 1st Ind 30 November 1968
SUBJECT: Operational Report of the 13th Combat Aviation (Guardian)
Battalion for the Period ending 31 October 1968, RCS
CSFOR-5 (RI) (U)

d. Air traffic congestion at stagefields/airfields: Methods of controlling aircraft at tactical stagefields as contained in the evaluation are submitted for consideration only. Specific measures for stagefield air traffic control must be based on the tactical situation, availability of equipment and the availability of personnel. Control frequencies for uncontrolled airfields are listed in the Tactical Aerodrome Directory for Vietnam.

e. Aircraft Commander Selection Criteria Observation: The minimum criteria for selection and designation of aircraft commanders as stated in 1st Aviation Brigade Regulation 5-6, dated 1 November 1968, is considered adequate by this headquarters.

f. Leaking master brake cylinders on CH-47 aircraft:

(1) The first sentence in the evaluation should read "The parking brakes are set when CH-47 aircraft are positioned on the carrier flight deck, with no requirement to reset the brakes during surface movement."

(2) The recommendation to reset the helicopter parking brakes weekly should be evaluated to determine its merit.

g. High rate of inflight engine failure and precautionary landings in UH-1 aircraft: The action stated in the evaluation and recommendation has been successful for the 13th CAB. To allow ample time for the performance of scheduled maintenance, each aircraft is allocated a 24 hour stand down maintenance period for the intermediate inspection. This stand down period provides ample time for a thorough technical inspection and correction of deficiencies.

4.(U)The 13th Combat Aviation Battalion has accomplished all assigned missions during this reporting period.

Leo C. Bryan
LEO C. BRYAN
LTC, CE
Acting Commander

DISTRIBUTION:
2 DA, ATTN: ACSFOR
1 CG, 1st Avn Bde, ATTN: AVBA-C
5 CO, 13th CAB
2 S3, 164th CAG

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AVEA-C (12 Nov 68) 2d Ind

SUBJECT: Operational Report of 13th Combat Aviation (Guardian) Battalion
for Period Ending 31 October 1968, MCS CSFCR-65 (R1) (U)

DA, HEADQUARTERS, 1ST AVIATION BRIGADE, APO 96384 11 DEC 68

THRU: Commanding General, United States Army Vietnam, ATTN: AVHGC-DST,
APO 96375
Commander-in-Chief, United States Army Pacific, ATTN: GPCF-CT,
APO 96558

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

1. (U) This headquarters has reviewed this report, considers it to be
adequate, and concurs with the contents as indorsed.

2. (C) The following additional comments are considered pertinent:

a. Paragraph 2b(1), page 6. In accordance with paragraph 1-3, a,
TM 55-450-11, the transported unit is responsible to furnish slings, straps,
cord, clevises, padding, tape, etc., used in rigging the equipment to be
transported. USAFV G-4 has established a liberal BCI for sling equipment
authorized to be on hand at the supported unit level. This BCI will be
published as a 725 series USAFV Regulation in the near future.

b. Paragraph 2g(2), page 9. This headquarters submitted a letter to
USAFV on 16 Nov 68 expressing concern in this area. Correct statistics
show that fifty seven rebuilt engines were lost during the four month
period, July - October. The average time per engine was 374.02 hours.
It was recommended that this matter be pursued to determine the overall
impact of A1A1MAC rebuilt engines within USARV. It is not considered
essential to perform a 100% technical inspection during the second inter-
mediate. Normal inspections, conducted as required, are considered
adequate to detect minor discrepancies.

FOR THE COMMANDER:



LEE S. PETERSON
1LT, AGC
ASST ADJ GEN

AVHGC-DST (12 Nov 68) 3d Ind
SUBJECT: Operational Report of 13th Combat Aviation (Guardian) Battalion
for Period Ending 31 October 1968, RCS CSFOR-65(11) (U)

HEADQUARTERS, UNITED STATES ARMY VIETNAM, APO San Francisco 96375

TO: Commander in Chief, United States Army, Pacific, ATTN: GPOF-LT,
APO 96558

1. This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 October 1968 from Headquarters, 13th Combat Aviation Battalion.


2. Comments follow:

a. Reference item concerning air traffic congestion at stagefields/airfields, page 8, paragraph 2b(4). Concur. This headquarters has recently required subordinate commands to make a specific officer responsible for each airfield used by US Army Forces. MACV Directive 95-7 requires that an airfield commander/coordinator be appointed for forward airstrips.

b. Reference item concerning leaking master brake cylinders after CH-47 aircraft are deployed by carrier to RVN, page 9, paragraph 2g(1). Concur. In view of the success of procedures used by the 271st ASHC, concur with the recommendation, however, shipboard safety must be considered.

c. Reference item concerning high rate of inflight engine failure and precautionary landings in UH-1 aircraft, page 10, paragraph 2g(2) and 2d Indorsement, paragraph 2b. Concur. It is the unit maintenance officer's prerogative to increase the frequency of inspections to fit hazardous operating conditions. AVSCOM has been made aware of this problem.

FOR THE COMMANDER:



W. C. ARNTZ
CPT, AGC
Assistant Adjutant General

Cy furn:
HQ 1st Avn Bde
HQ 13th CAB

GPOP-DT (12 Nov 68) 4th Ind (U)
SUBJECT: Operational Report of HQ, 13th Cbt Avn (Guardian) Bn for
Period Ending 31 October 1968, RCS CSFOR-65 (R1)

HQ, US Army, Pacific, APO San Francisco 96558 8 JAN 1969

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

This headquarters has evaluated subject report and forwarding indorse-
ments and concurs in the report as indorsed.

FOR THE COMMANDER IN CHIEF:


C. L. SHOST
CPT, AGC
Asst AG

UNCLASSIFIED

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DOCUMENT CONTROL DATA - R & D

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The following items are recommended for inclusion in the Lessons Learned Index:

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PAGE # _____

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