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



IN REPLY REFER TO

AGAM-P (M) (3 Feb 69) FOR OT UT 684225 6 February 1969

SUBJECT: Operational Report - Lessons Learned, Headquarters, 1st Aviation Brigade, Period Ending 31 October 1968 (U)

SEE DISTRIBUTION

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.

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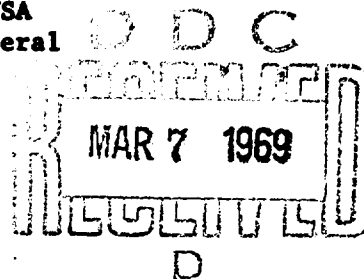
Kenneth G. Wickham

**KENNETH G. WICKHAM
Major General, USA
The Adjutant General**

1 Incl
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DEPARTMENT OF THE ARMY
HEADQUARTERS 1ST AVIATION BRIGADE
APO San Francisco 96384

AVBI-C

15 November 1968

SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for Period
Ending 31 October 1968, RCS CSFOR-65 (R1) (U)

TO: SEE DISTRIBUTION

1. (C) Section 1, Operations: Significant Activities.

a. Command.

(1) (U) The mission of the 1st Aviation Brigade remained unchanged, that of providing effective responsive Army Aviation support to US, RVN, and FWMLF forces within the Republic of South Vietnam.

(2) (U) Changes in Staff Personnel:

(a) Deputy Brigade Commander/Operations

COL Eugene B. Conrad, 034204, II	1 Aug - 2 Aug 68
COL James C. Smith, 038314, AR	3 Aug - 31 Oct 68

(b) Deputy Brigade Commander/Administration

COL Herb D. Prather, 036258, IN	1 Aug - 2 Aug 68
COL Eugene B. Conrad, 034204, IN	3 Aug - 31 Oct 68

(c) Chief of Staff

LTC Donald E. Mulligan, 079000, AT	1 Aug - 5 Oct 68
LTC Edgar F. Todd, OF105845, AT	6 Oct - 15 Oct 68
COL Jay B. Williams, 081340, IN	16 Oct - 31 Oct 68

(d) S1

LTC Edgar F. Todd, OF105845, AT	1 Aug - 5 Oct 68
MAJ John A. Britton, 074967, AT	6 Oct - 15 Oct 68
LTC Edgar F. Todd, OF105845, AT	16 Oct - 31 Oct 68

(e) S4

LTC George F. Powers, OF100332, IN	1 Aug - 2 Aug 68
LTC Lewis J. Henderson, 066584, AT	3 Aug - 31 Oct 68

(f) SGS

MAJ James R. Turley, 074575, IN	1 Aug - 9 Oct 68
MAJ Joseph B. Mc Dermott, 091455, IN	10 Oct - 24 Oct 68
MAJ Ian W. Larson, 094701, IN	25 Oct - 31 Oct 68

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(3) (U) At the end of the reporting period the organization and location of major units were shown in the organization chart at Incl 1 and the station list at Incl 2.

(4) (U) During the reporting period, Commander's Notes 25, 26, and 27 were published. See Incl 3, 4, and 5.

b. S1.

(1) (C) Brigade Strength.

(a) The average strength of the 1st Aviation Brigade during the period August 1968 through October 1968 was as follows:

<u>Unit</u>	<u>Officers</u>	<u>WO</u>	<u>En.</u>	<u>Total</u>
HQ, 1st Avn Bde	49	10	180	239
12th C.G	742	849	6618	8209
16th C.G	255	246	2763	3264
17th C.G	601	320	6220	7641
58th Gp (FFA) (P)	76	11	1294	1381
164th C.G	<u>316</u>	<u>283</u>	<u>3035</u>	<u>3634</u>
TOTAL	2039	2219	20110	24368

(b) The Brigade entered the quarter on 1 August with 87.6% of authorized commissioned and warrant personnel, and 101% of authorized enlisted personnel. Losses steadily exceeded gains throughout the quarter. At the end of the quarter, commissioned and warrant officer strength was 84.8% of authorized. During September, higher headquarters imposed an enlisted manning level which reduced authorized strengths by 330. This was absorbed by reducing strengths in headquarters units.

Against the reduced manning level, enlisted accountable strength at the end of the quarter was 94.1%, 92.6% of full authorized. The reduced strength has increased the workload on available personnel by requiring additional hours in operations, maintenance, administration, and security of facilities.

(2) (C) Officer Personnel. The strength of 1st Aviation Brigade Officer personnel, assigned and attached, by grade as of 20 October 1968 was as follows:

<u>Grade</u>	<u>HHC & Detachments</u>	<u>Bde Total</u>
GO	1	1
COL	4	9
LTC	8	72
MAJ	20	387
CPT	9	641
LT	5	903
WO	<u>11</u>	<u>2208</u>
TOTAL	58	4221

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(3) (U) Personnel Transferred. The following Number of personnel transferred into or out of the 1st Aviation Brigade during the period August through October 1968:

(a) Inter - Theater Transfers:	<u>Gains</u>	<u>Losses</u>
Officers & WO	82	73
Enlisted Men	<u>483</u>	<u>258</u>
TOTAL	565	331

(b) Replacements & Retirements:	<u>Replacements</u>	<u>Retirements</u>
Officers & WO	1319	1135
Enlisted Men	<u>4307</u>	<u>4902</u>
TOTAL	5626	6037

(4) (U) Awards. Awards processed for the period 1 August 1968 through 31 October 1968 for the 1st Aviation Brigade are as follows:

	<u>Total</u>	<u>LC</u>	<u>DC</u>	<u>SS</u>	<u>SP</u>	<u>DFC</u>	<u>A</u>	<u>BSI</u>	<u>PH</u>	<u>ACM</u>	<u>BSN/V</u>	<u>AM/V</u>	<u>ACM/V</u>
Aug	11000	26	1	22	18	370	10233	416	1	442	44	245	181
Sep	6043	14	0	24	31	198	5264	315	2	290	27	199	183
Oct	10274	10	0	30	20	103	2501	255	1	311	22	93	115
Total	28000	50	1	76	69	671	22998	986	4	1052	93	537	309

(5) (U) Orders. Orders published by HQ 1st Aviation Brigade for the period August 1968 through October 1968 were:

	<u>Special Orders</u>	<u>General Orders</u>	<u>Letter Orders</u>
Aug	31	759	89
Sep	30	810	67
Oct	<u>31</u>	<u>511</u>	<u>79</u>
Total	92	2080	235

(6) (U) R & R Data. During the period 1 August through 31 October 1968 a total of 6158 R & R spaces were allocated to the 1st Aviation Brigade:

97% of the allocations were utilized.

(7) (U) Applications for Officer Status. Applications for Officer status received from subordinate units for the period August 1968 through October 1968 were as follows:

	<u>WC</u>	<u>USAR</u>	<u>WOFF</u>	<u>RL</u>	<u>Total</u>
Aug	2	5	2	20	29
Sep	2	3	3	5	13
Oct	<u>1</u>	<u>2</u>	<u>0</u>	<u>7</u>	<u>10</u>
Total	5	10	5	32	52

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SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for Period Ending 31 October 1968, RGS CSFOR-65 (RI) (U)

(8) (U) The Command-Recommended Major Program was initiated in the 1st Aviation Brigade this quarter. Prior to any Major assuming command of an aviation company or troop in the Brigade, an inquiry will be made to DA to determine if his control branch will recommend him for that position. Inbound Majors will be identified as command-recommended by DA upon the issue of orders. These officers will be assigned through-out the Brigade and will be identified to subordinate units by the Brigade G1 so that a future inquiry will not be necessary. Every effort will be made to program these Majors against a command position, as early as possible, in the group to which they are assigned. The overall goal will be to have half of the recommended Majors in command, with the other half in key staff positions through-out the Brigade with a controlled rotation system in effect. Inbound and arriving command-recommended Majors will be programmed for command during their last 6 months in most cases. Centralized control of this program will be maintained in the form of a command slate to be established and maintained by the Brigade G1 who is charged with administering this program. No officer will be put into a company or troop command position without prior coordination and approval from this headquarters. The command Slate will be up-dated monthly and distribution will be made to each Group Commander. In addition all inbound command-recommended Majors will be listed indicating tentative assignments.

c. S2.

(1) (FOUO) General. During the period 1 August 1968 through 31 October 1968 the S2 Section concentrated on Escape and Evasion Training, Personnel Security Investigations, Personnel Security Orientations, and Investigations of Security Violations. The Escape and Evasion program was transferred to the S3 Section, effective 1 October 1968.

(2) (FOUO) Survival School. During the reporting period 225 students were sent to Survival Schools

- (a) Jungle Environmental Survival Training: 101
- (b) Jungle Survival School: 82
- (c) Sea Survival School: 42

(3) (FOUO) Personnel Security Actions. The following Personnel Security Investigative Actions were processed through the 1st Aviation Brigade's Personnel Security Investigative Branch during the reporting period:

- (a) Requests for Background Investigations: 44
- (b) Requests for verification of Background Investigation: 125
- (c) Requests for National Agency Checks: 69
- (d) Requests for verification of National Agency Checks: 56
- (c) Requests for verification of Entrance National Agency Checks: 10

Of the 304 PSI Actions processed, 130 have been completed. Of these actions 43% were completed in the clearance of Brigade personnel.

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SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for Period Ending 31 October 1968, RCS CSFOR-65 (R1) (U)

d. S3.

(1) (C) Organization

(a) The following units arrived in Vietnam and were assigned to the 1st Aviation Brigade as indicated:

<u>Date</u>	<u>Unit</u>	<u>USARV GO #</u>	<u>Date of GO</u>
30 Sep 68	238th Sig Det	4506	26 Sep 68
30 Sep 68	412th Trans Det	4882	20 Oct 68

(b) The following unit was reassigned from Operational Control of the 1st Aviation Brigade:

<u>Date</u>	<u>Unit</u>	<u>Gaining Command</u>	<u>GO</u>	<u>Date of GO</u>
30 Aug 68	39th TC Det	101st Abn Div	USARV 41	2 Sep 68

(2) (C) Plans

(a) MTOE 29-701T. A concept plan for reorganization of the 1st Aviation Brigade Headquarters was submitted to USARV on 13 September 1968. A detailed MTOE 29-701T was prepared and attached as an inclosure to the concept letter. This concept plan, which includes a proposed MTOE, will supersede the proposed Change to MTOE 1-252F submitted on 11 June 1968, referenced in the ORLL for the quarter ending 31 July 1968. The MTOE proposed 198 spaces for HHC 1st Aviation Brigade. Significant changes from the current MTOE include:

1. Upgrading the position of Brigade Commander to Major General.
2. Changing the title of Deputy Brigade Commander to Deputy Brigade Commander/Operations and upgrade the position to Brigadier General.
3. Authorize a Deputy Brigade Commander for Administration and Chief of Staff position both with the rank of Colonel.
4. Authorize the position of SGS and designating General Staff with Troops for principal staff Officers.
5. The addition of a three - man SJA section.
6. Strengthening the IG and G4 sections to handle the administrative and logistical workload created by the increased number of personnel assigned to the Brigade.
7. The MTOE proposal of 198 spaces is considered the minimum essential for the Brigade Headquarters and was based on a careful analysis of functions performed. A USARV manpower management survey of Brigade Headquarters provided additional guidelines in determining personnel space authorizations.

(b) The following approved MTOE's were received since 31 July 1968:

1. MTOE 55-570G: 665th Transportation Detachment
2. MTOE 17-96T: Headquarters & Headquarters Troop, Air Cavalry Squadron
3. MTOE 17-98T: Air Cavalry Troop
4. MTOE 17-99T: D Troop, Air Cavalry Squadron
5. MTOE 8-500D: 546th Medical Detachment

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- 6. MTOE 8-500D: 41st, 83rd, 774th Medical Detachments
- 7. MTOE 8-500D: 8th, 25th, 130th, 137th, 433rd, 755th Medical Detachments
- 8. MTOE 8-500D: 756th Medical Detachment
- 9. MTOE 8-500D: 154th Medical Detachment
- 10. MTOE 8-500D: 85th, 93rd, 129th, 430th 431st, 432nd, 758th, 759th, 772nd Medical Detachments
- 11. MTOE 10-500D: 5th, 52nd, 53rd, 62nd QA Detachments
- 12. MTOE 6-558E: Btry H, 29th Arty
- 13. MTOE 55-510T: 382nd Transportation Detachment

(c) Pilot Training. Units of the 1st Aviation Brigade continue to conduct pilot training classes to transition VMLF and ROKF-V in the UH-1D. These classes are of approximately 90 days duration.

1. Courses ending during the period:

<u>Course</u>	<u>Class Number</u>	<u>Graduation Date</u>	<u>NO. of Students</u>
VMLF	8	4 Oct 68	3
		11 Oct 68	7
ROKF-V	1	8 Oct 68	4

2. Courses starting during the period:

<u>Course</u>	<u>Class Number</u>	<u>Starting Date</u>	<u>Graduation Date</u>	<u>NO. of Students</u>
VMLF	9	14 Oct 68	4 Nov 68 (Staff Off)	2
			14 Jan 69	4
ROKF-V	2	5 Aug 68	2 Nov 68	4
ROKF-V	3	2 Sep 68	30 Nov 68	4
ROKF-V	4	30 Sep 68	28 Dec 68	4

(d) Quotas Received. Quotas received by the 1st Aviation Brigade for Army Aviation Refresher Training School (AARTS), USARV AH-1G/OH-6A Training Team and XMC20 NETT course conducted in-country for US personnel, are as follows:

1. AARTS

<u>Course</u>	<u>NO. of Quotas</u>	<u>Filled</u>
UH-1B/C Airframe	36	28
UH-1D/H Airframe	46	38
AH-1G Airframe	5	5
OH-47 Airframe	36	34
OH-6A Airframe	44	35
T-53 Engine	35	27
T-53-L13 Engine	43	43

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T-55 Engine	49	39
T-63 Engine	26	25
Supply	<u>30</u>	<u>29</u>
Total	350	303

2. USRV AH-1G/OH-6A Training Team:

AH-1G	15	15
OH-6A	<u>6</u>	<u>6</u>
Total	21	21

3. XM26 NETT NOS 45J 10 10

(e) Gunnery and Transition Training. The 1st Aviation Brigade was assigned the mission of supporting the conduct of AH-1G and OH-6A gunnery and transition training effective 24 August 1968. As per USRV letter of instruction, AH-1G/OH-6A Training Team personnel and equipment were assigned to 1st Aviation Brigade units in support of the training mission. Operational control of the training was retained by the USRV Aviation Officer. This Headquarters further assigned the support mission to the 12th Combat Aviation Group.

(f) UH-1 IP School. The 1st Aviation Brigade UH-1 IP School has been organized and is programmed to commence on 10 November 1968. The purpose of the School is to standardize UH-1 IP's and SIP's through the Brigade with the goal of reducing aircraft accidents. The first four classes are planned to be one - week refresher courses for those IP's who have previously attended a USMACVNS MOI IP Course; the fifth through the seventh classes are programmed to be two - week regular courses for those IP's who have not completed a USMACVNS MOI IP Course. Subsequent courses will be either the one - week refresher course or the two - week regular course depending upon the availability of USMACVNS-trained Instructor - Pilots. The first seven courses will have six students each; subsequent courses will be reduced to four students per class.

(g) NETT. The New Equipment Training Team for the 2.75 inch folding fin aerial rocket (FFAR) Flochette warhead conducted briefings at 16 locations for 1st Aviation Brigade units during the period 17 September 1968 to 26 October 1968. The NETT conducted firing demonstrations and training in the employment of the flochette round at Can Tho, Vinh Long, Soc Trang, Bien Hoa, and Pleiku. The training gives the 1st Aviation Brigade units a nucleus from which to train armed helicopter crews in the employment of the flochette round.

c. S4.

(1) (U) Clark Ranger Forklifts. The 1st Aviation Brigade has been scheduled to receive 65 Clark Ranger Forklifts, 4000 lb capacity, procured under the ENSURE Project 93. To date 51 forklifts have been received and distributed to unit level. The 1st Logistical Command has shipping instructions for the remaining forklifts.

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(2) (U) 250 - Barrel POL Storage Tanks. The 164th Combat Aviation Group has received 24 250 - barrel bolted steel POL tanks; site preparation is being handled by the 93rd Engineer Battalion, with an estimated date of completion of 1 December 1968. The completion of this project will eliminate many of the current POL storage and handling problems within the 164th Combat Aviation Group.

(3) (U) Nomex Flight Suits. All requirements for NOMEX Flight Suits and Gloves have been submitted to USARV for release to Brigade Units. As NOMEX Flight Suits become available, issues are being made to meet Brigade requirements. The issue of NOMEX Flight Gloves will be made upon receipt of adequate depot stocks.

(4) (U) Forward Area Refueling Equipment. 1st Aviation Brigade Units have received 34 of 48 Forward Area Refuel Equipment sets. The additional 14 sets have been shipped and receipt by Brigade Units is expected in early November 1968.

(5) (U) CMMI Program. The 1st Aviation Brigade Command Maintenance Management Inspection (CMMI) Program was expanded from one to two CMMI teams. The expansion enables all assigned units to receive an annual CMMI and provides the Brigade with the capability of reinspecting units found unsatisfactory. During the quarter 15 units were given CMMIs. Of the 15 CMMI's, 10 units were rated satisfactory and 5 units were rated unsatisfactory.

(6) (U) Aircraft Density. 1st Aviation Brigade Aircraft Density as of 31 October 1968 was as follows:

<u>Aircraft</u>	<u>Auth by TOE</u>	<u>On Hand</u>
AH-1G	142	136
OH-6A	185	121
UH-1B/C	260	278
UH-1D/H	922*	817
CH-47	176	171
CH-54	15	21
C-1	272	242
U-6A	40	42
U-21	38	38
U-1A	43	42
CV-1	<u>90</u>	<u>84</u>
Total	2206	1992

* USARV fill level as of 31 October 1968 was 90% of UH-1D/H Aircraft Authorization (a fill level of 830).

f. IO.

(1) (U) General. There was no change in the mission of the Information Office.

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(2) (U) Personnel Changes:

(a) MLJ Wade M. LaDue, 05502410, 1LT, assumed the position of Information Officer, replacing MLJ Joseph B. "Barry" Mc Dermott, 091455, IN, on 18 October 1968.

(b) 1LT William C. Bayne, 05347394, IG, assumed the vacant position as Press Officer, 12th Public Information Detachment, on 1 August 1968.

g. Signal.

(1) (C) KY-28. The 1st Aviation Brigade Units have received 318 KY-28 devices; 245 of these units (74%) have been installed in UH-1 aircraft. With an average of 6 devices per company, first priority of installation was given to Command and Control ships with command consoles (AN/ASC-10 or AN/ASC-11); the remainder were installed in aircraft designated by the Unit Commander.

(2) (C) ZYR and ZYS Retrofit Programs. Throughout the Brigade the ZYR retrofit program is 95% complete and the ZYS program is 61% complete. ZYR should be completed by the end of the Calendar year; ZYS completion depends primarily upon the availability of retrofit kits.

(3) (C) KY-8 Status. Units of the 1st Aviation Brigade have received 74 of 142 KY-8 devices authorized. The Brigade has 34% of the issued KY-8 devices installed and operational in FM secure voice nets.

h. Surgeon.

(1) (U) Aeromedical Coverage. The professional personnel losses occurring in October were covered by the arrival of adequate replacements. In most units there were overlaps of the new surgeons with the departing surgeons.

(2) (U) MTOE Test. Progress continued on the testing of new MTOE's for aeromedical units within the medical sections of the 11th and 268th Combat Aviation Battalions. By the end of the quarter, the necessary requisitioning for the battalion medical sections and the six medical detachments (OI) had been accomplished and much of the required equipment had been delivered. The test is designed to evaluate changes expected to provide more efficient use of personnel and equipment in the aeromedical support of the 1st Aviation Brigade.

(3) (U) Operations. The 154th Medical Detachment, assigned to the 16th Combat Aviation Group, continued to remain in an attached status to the 101st Airborne Division (Airmobile).

(4) (U) Administration. During the quarter a regulation concerning physical conditioning, 1st Aviation Brigade Regulation 40-41, was published. In addition the Surgeon's Office published a regulation on medical qualification requirements for aviation personnel, 1st Aviation Brigade Regulation 40-43; this regulation gives unit flight surgeons the authority to approve

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class III flight physicals when a driver is not required. A regulation on MEDCAP was also published, 1st Aviation Brigade Regulation 40-39, and the Surgeon participated in the preparation of Brigade Regulation 600-106, Crew-member and Non-Crewmember Flight Status.

(5) (U) Disease. During the quarter there was a significant outbreak of hepatitis in the Mekong Delta region, particularly at Can Tho and Vinh Long. The origin of the infection was believed to have been a civilian ice facility. It was necessary to administer gamma globulin to all personnel at those sights, a procedure which proved very successful in aborting the outbreak.

(6) (U) General. Numerous visits to subordinate units were made by the Surgeon and Administrative Officer; units in isolated locations were of particular interest. A conference of the four Combat Aviation Group surgeons was held in addition to several conferences with the 12th and 17th Group Surgeons. The Brigade Surgeon participated in the USMIV Preventive Medicine Conference, USMIV Command Surgeon's Conference, and the Brigade Safety Conference.

i. Safety/Standardization.

(1) (U) Accident Rate. The 1st Aviation Brigade flew 466,033 hours with 84 accidents and had an accident rate of 18.0, based on 100,000 flying hours. This rate is 24% lower than the last quarter and is the lowest cumulative rate attained by the 1st Aviation Brigade.

(2) (U) Safety Seminar. In October the Brigade Aviation Safety Section conducted the first in a series of Safety Seminars at Vung Tau. The seminar was attended by all Battalion and Group Safety Officers, with guests from the Joint Sea - Air Rescue Section, USAF, and USMIV Safety Sections. The conference was successful in bringing out mutual problems and in arriving at meaningful and practical solutions. Future seminars will be continued on a quarterly basis.

(3) (U) Brigade Safety Positions. All of the 1st Aviation Brigade aviation safety positions are being monitored closely in an attempt to fill the positions with safety school graduates. By the end of the quarter the Brigade had 75 safety school graduates. Of 111 authorized positions, to include company level units, 53 were filled by non-Safety School Graduates; 33 graduates not assigned as safety officers because of assignment as CO, XO, or to Staff positions. The Brigade Safety/Standardization Office has attempted to maintain an updated card file of all safety officers, and can assist in the assignment of incoming school - trained safety officers to units without .SO's. In the past the problem has been not knowing in advance when safety officers are scheduled to arrive incountry and to which units they are to be assigned. Close coordination with the SI Section should aid in solving this problem.

(4) (U) Safety Visits. The Aviation Safety Section visited 28 battalion and company - size units during the last quarter. The visits proved benefi-

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and in assisting the unit's Aviation Safety and Prevention programs down to the lowest level.

(5) (U) Flight Standardization Visits. During the quarter the Flight Standardization Section visited 48 battalion and company - size units. Those assistance visits have shown that units are continuing to improve their flight standardization and orientation training programs. Records were reviewed and selected flight checks were conducted when training aircraft were available. Certain units are still experiencing difficulties in obtaining aircraft to conduct required in-country orientation and quarterly check rides; one unit had 31 rides either due or overdue.

(6) (U) Brigade Regulation 95-6. 1st Aviation Brigade regulation 95-6 "Flight Standardization and Orientation", was studied by subordinate units and published during the quarter. With distribution of this regulation, Flight Standardization Boards will be organized at Group and Battalion level. Distribution of the regulation will be made in November.

j. Chaplain.

(1) (U) Chaplain's Quarterly Report. The Chaplain's Quarterly Report for the period ending 31 October 1968 indicates the following:

(a) Group Worship Services:

1. Number Conducted	951
2. Attendance	26,262

(b) Religious and Chapel Organizations:

1. Number of occasions	401
2. Attendance	3,992

(c) Number of Pastoral Visits 9,547

(d) Character Guidance

1. Number of classes/orientations	120
2. Attendance	22,948

k. Headquarters Commandant.

(1) (U) There were no changes or additions to the mission of Headquarters Company.

(2) (U) Personnel Changes:

(a) Headquarters Company Commander

M.J. Herman O. Wolz Jr., 0459930, SC

1 Aug - 18 Aug 68

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SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for Period Ending 31 October 1968, RCS CLFOR-65 (R1) (U)

CPT John R. Eckoldt, O3133583, IN 19 Aug - 8 Oct 68
CPT Robert D. Bruegger, OF107560, AR 9 Oct - 31 Oct 68

(b) Headquarters Company First Sergeant

1SG Richard Greene, R.1321222 1 Aug - 12 Sep 68
1SG James G. Gladden, R.13276981 13 Sep - 31 Oct 68

(3) (C) Overstrength of HHC. The 1st Aviation Brigade Headquarters has been operating at overstrength since activation in March 1966. This has been necessary in order to perform the assigned functions. The original MTOE was inadequate to accommodate for expanded strength and scope of the Brigade. A new MTOE was submitted on 13 September 1968 proposing an authorized 198 personnel for HHC.

(4) (C) Unit Strength. Unit Strength as of 31 October 1968 was as follows:

(a) Military Personnel Assigned:

Officers		WO		EM		TOTAL	
<u>Auth</u>	<u>O/H</u>	<u>Auth</u>	<u>O/H</u>	<u>Auth</u>	<u>O/H</u>	<u>Auth</u>	<u>O/H</u>
28	44	4	9	86	156	118	209

(b) Military Personnel Attached:

<u>Officers</u>	<u>WO</u>	<u>EM</u>	<u>Total</u>
3	1	10	14

(c) Civilian

D.C		VN		3rd Natl		Contractor	
<u>Auth</u>	<u>O/H</u>	<u>Auth</u>	<u>O/H</u>	<u>Auth</u>	<u>O/H</u>	<u>Auth</u>	<u>O/H</u>
1	1	24	24	0	0	0	0

(5) (C) Aircraft Strength Figures. Aircraft Strength Figures of HHC as of 31 October 1968 are as follows:

UH-1D		OH-6A		U-6A		U-21	
<u>Auth</u>	<u>O/H</u>	<u>Auth</u>	<u>O/H</u>	<u>Auth</u>	<u>O/H</u>	<u>Auth</u>	<u>O/H</u>
4	4	4	2	2	2	3	3

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(6) (C) Operational Results. Operational Results of HHC for the period ending 31 October 1968 are as follows:

Sorties <u>Flown</u>	Troops <u>Lifted</u>	Tons Cargo <u>Lifted</u>	Energy <u>KWH</u>	Structures <u>DJM DEST</u>	Sampans <u>DJM DEST</u>	Aircraft <u>DJM DEST</u>
3,696	0	0	0	0 0	0 0	0 0

1. Historian.

(1) (U) Personnel Change. On 1 August 1968 MAJ Lewis C. O'Rourke, 074424, IN, was replaced by 1LT David J. Franus, 05346235, AG, as Commanding Officer, 8th Military History Detachment.

(2) (U) Brigade History Regulation. On 10 September 1968 the 1st Aviation Brigade Regulation 870-1 "Historical Activities: Brigade Historical Program" 1 August 1968, was printed. This regulation is a compilation of the numerous aspects of the History Program, aspects which previously had been printed separately. The regulation covers the responsibilities and procedures down to Company level.

(3) (U) Tour-End Interviews. An end of tour interview program has been initiated with the object of taping for use, both immediate and future, by DA, the comments of all commanders at Battalion level and higher, and key Brigade Staff Personnel.

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SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for Period Ending 31 October 1968, RCS CSFOR-65 (RL) (U)

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

a. Personnel.

(1) (U) Infusion.

(a) OBSERVATION: Several units have not reduced rotational peaks to within the percentage limits prescribed by USARV Regulation 614-9. "Reduction of Rotational Humps."

(b) EVALUATION: During the reporting period continued command emphasis has improved the infusion status of most units in the Brigade. The introduction of the 150 - day early release program has enhanced the infusion program by encouraging personnel to extend for varying periods of time, thus diversifying rotational dates. Heavy Helicopter Companies appear to constitute the most difficult problem since a Brigade - wide hump exists for these units during the months of December and January.

(c) RECOMMENDATION: That action be taken by higher headquarters to establish an even in-put of CH-54 - qualified aviators and MOS 67X enlisted personnel during the period November 1968 through February 1969.

(2) (U) Critical MOS's.

(a) OBSERVATION: Critical shortages of certain MOS's continue to hamper mission capabilities of units of the 1st Aviation Brigade.

(b) EVALUATION: The following MOS's are critically short in the 1st Aviation Brigade as of 23 October 1968:

<u>MOS</u>	<u>Title</u>	<u>Auth</u>	<u>Asst</u>	<u>%</u>	<u>Oct Losses</u>	<u>Nov Losses</u>
05C40	*RTT OP	108	67	62	6	6
11D40/50	*ARMOR RECON SP	159	107	67	30	7
17L40	*ABN SENS SP	27	5	18	1	0
44E20/30	MACHINIST	73	66	90	3	8
45J20	ACFT MNT RPMN	239	158	66	14	16
67U40/50	*CH-47 HEL RPMN	116	79	51	13	4
67Y20/30	AH-1G HEL RPMN	211	164	78	4	2
67Y40	*AH-1G HEL RPMN	12	5	42	3	1
68B20	ACFT TUR ENG RPMN	351	278	79	34	29
68G20/30	AIRFRAME RPMN	415	383	92	30	30

*Noncommissioned Officer skill levels

(c) RECOMMENDATION: That action be taken by higher headquarters to fill existing shortages in the above - listed MOS's.

(3) (U) Suspense Date for ORLL.

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15 November 1968

SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for Period Ending: 31 October 1968, RGS CSFOR-65 (RI) (U)

(a) OBSERVATION: The requirement to forward the CILL from this Headquarters to US.IV not later than 15 days after the end of each reporting quarter detracts from the accuracy of the report in that a cut - off date before the end of the quarter must be established.

(b) EVALUATION: Month - end strength reports, infusion reports, and MOS inventories are due at this headquarters 5 to 10 days after the close of the month because of computation time required and geographical dispersion of units submitting feeder reports. This Headquarters requires 12 days to prepare, analyze, staff, and publish the CILL. An extension of 10 days to the present suspense date would enable this Headquarters to more accurately assess and report the significant activities and evaluate personnel problems encountered during the entire reporting period.

(c) RECOMMENDATION: That the suspense date for the Headquarters to forward the CILL to HQ US.IV be changed from "not later than 15 days after the end of the reporting quarter" (para 4c, US.IV Regulation 525-15, Military Operations: Operational Report - Lessons Learned (RGS CSFOR-65 (RI)) to "not later than 25 days after the end of each reporting quarter."

b. Operations (C) Evaluation of Developmental Items of New Equipment (ENSURE Items.)

(1) OBSERVATION: The 1st Aviation Brigade is periodically tasked to operationally evaluate ENSURE and other items of Airborne equipment for helicopters. Installation of several of these items requires extensive aircraft and/or major component down-time.

(2) EVALUATION: A recent request to evaluate aircraft night formation lights, ENSURE Item 105, by the 1st Aviation Brigade Units has brought forth specific problems which result in mission degradation due to extensive maintenance down-time on aircraft and/or major component assemblies. Overall evaluation requires the selection of one or two Company - size units (AHC) to install, on a suitable number of their aircraft, the night formation light equipment. Although the equipment, in kit form, is available in-country in limited quantity for evaluation, there is no provision for spare parts back-up. Further investigation revealed shortages in the kits themselves and a series of complex installation procedures requiring an estimated 10 to 14 - day down-time of either the aircraft or major components (i.e., main rotor blades and hub assembly). This unusually long maintenance down-time includes a 50 man-hour installation time plus a 1 - day and a 7 - day curing period for certain adhesives applied to different components of the rotor hub and blade system. Build - up of major assemblies (main rotor blades and hubs) to reduce overall aircraft maintenance down-time would be considered practical; however due to the critical short supply of these intensively managed items (AII), it is not feasible to tie up the quantities required (10 to 20) for this purpose without a marked effect on total availability of these parts in the supply system throughout AVN. It is anticipated that a planned installation phase in progress, minimizing the number of aircraft down at any single time and the requirement for component assembly build-up, would require a

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AVM-6

SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for Period Ending 31 October 1968, ICS CSAR-65 (H) (U)

lengthy time frame before project completion. It is evident that the type of evaluation projects which require complex or extensive maintenance installations can have far-reaching implications which may seriously affect the mission and maintenance capability of combat units. Although many of these projects are considered worthwhile, it is questionable whether the results or derived benefits obtained warrant the reduction in mission capability of operational units during the installation phase.

(3) **RECOMMENDATION:** That an intensive program be initiated to closely monitor and survey all developmental evaluation projects prior to dispatch to RVN for further evaluation and testing by combat operational units. Detailed investigation should be made into all aspects of the installation and evaluation requirements to insure that the magnitude or complexity of these factors is not of such a proportion that it will significantly deter in any manner from the operational and maintenance capability of combat aviation units. Those items determined to be in that category should be considered for further evaluation and testing by CONUS units where feasible. Second consideration should be given to installation of these evaluation projects at CONUS depot facilities prior to overseas delivery to RVN. These aircraft could then be identified upon arrival in RVN and integrated into operational units as replacement aircraft.

c. Training. NONE

d. Intelligence. NONE

e. Logistics. (U) Forward Area Refueling Equipment (FARE) in IV CTZ.

(a) **OBSERVATION:** There exists a lack of adequate repair parts for the FARE in IV CTZ.

(b) **EVALUATION:** Twelve FARE sets were issued to the 164th Combat Aviation Group during July 1968. At present three pumps are in need of repair, all three failing as a result of the pump impeller vanes. Each set is equipped with a one-year supply of repair parts; included in the kit are extra impeller pump vanes. Experience has shown that when the vanes fail, the rotor and gear shaft, in addition to the pressure plate, also require replacement. Of the three pumps presently in need of repair, one had operated for ten hours, the second for three days, and the third for twenty-one days before failure occurred. The one-year supply of repair parts does not cover extra rotor and gear shafts or pressure plates. An EIR, No. 083660, has been submitted to the Mobility Command.

(c) **RECOMMENDATION:** That action be taken to procure a more durable pump impeller vane and that the rotor and gear shaft and pressure plate be made part of the repair parts kit.

f. Organization. NONE

g. Information. NONE

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AVBA-C

15 November 1968

SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for Period Ending 31 October 1968, RCS CSFA-65 (R1) (U)

h. Signal. (C) Radio Adapter Cards.

(a) OBSERVATION: There is a zero balance of Radio Adapter Cards (FSN 5610 1609701) for KY-8's in the supply system in RVN.

(b) EVALUATION: The shortage of Radio Adapter Cards has had an adverse effect on the implementation of Secure Voice FM Nets in Aviation Battalions and Companies. The radio adapter card is a printed wiring assembly necessary to make the KY-8 compatible with the VIC-12 series of radios.

(c) RECOMMENDATION: That action be taken by higher headquarters to insure that an adequate number of Radio Adapter Cards are put into the supply system in Vietnam.

i. Surgeon.

(1) (U) Aviator Fatigue.

(a) OBSERVATION: Experience in several units of the 1st Aviation Brigade has shown that giving an aviator, at regular intervals, a day free from flying is more effective in reducing fatigue than grounding the aviator when he has passed the maximum number of flying hours in a 30 - day period.

(b) EVALUATION: When an aviator can anticipate and receive a free day at the end of a specified time period of flying, it appears more effective in curing and preventing aviator fatigue. This "goal - directed" policy, which monitors consecutive flying days, is more realistically related to actual pilot stress than the currently - used 140 hour - 30 day policy.

(c) RECOMMENDATION: That modification be made in the major command flying hour policy to promote the policy that aviators be given a day free from flying at regular intervals based upon consecutive days flown.

(2) (U) Noise levels in the CH-6A Aircraft.

(a) OBSERVATION: Noise levels in the passenger area of the CH-6A aircraft are very high.

(b) EVALUATION: Passengers in the CH-6A aircraft experience extremely high, uncomfortable noise levels which represent a hazard to hearing.

(c) RECOMMENDATION: That passengers in the CH-6A be advised to wear ear-plugs or other suitable protective hearing devices.

j. Safety. NONE

k. Chaplain. NONE

l. Headquarters Commandant. NONE

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..VDA-C

15 November 1968

SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for Period
Ending 31 October 1968, HCS CSFOR-65 (R1) (U)

m. Historian. NONE

FOR THE COMMANDER:

5 Incl - Inclosures 3,4 & 5 w/d,Hq, DA
CS

Jay B. Williams
JAY B. WILLIAMS
Colonel, Infantry
Chief of Staff

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AVHGC-DST (15 Nov 68) 1st Ind (U)
SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for
Period Ending 31 October 1968, RCS GSFOR-65 (R1) (U)

HEADQUARTERS, UNITED STATES ARMY, VIETNAM, APO San Francisco 96375

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

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

1. This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 October from Headquarters, 1st Aviation Brigade.

2. Comments follow:

a. Reference item concerning infusion, page 14, paragraph 2a(1): Concur. Replacements for CH-54 qualified aviators, whose DEROS are in December 1968 and January 1969, were requisitioned to provide maximum possible overlap. Some requisition items were filled in October and November 1968. Sufficient enlisted personnel in MOS 67X have been requisitioned to offset November, December, and January losses in the 1st Aviation Brigade's Heavy Helicopter Companies. Forty 67X personnel are scheduled to arrive during November 1968, 85 in December 1968, and 35 in January 1969.

b. Reference item concerning critical MOS, page 14, paragraph 2a(2). The MOS listed as critical by the 1st Aviation Brigade are all-USARV shortage MOS. In every case the percentage of enlisted personnel assigned to the 1st Aviation Brigade in these MOS is equal to or exceeds the USARV average. The 1st Aviation Brigade will continue to receive a proportionate share of incoming replacements in these critical MOS.

c. Reference item concerning ORLL suspense dates, page 14, paragraph 2a(3): Nonconcur. AR 525-15 and USARPAC Regulation 525-15 require reporting units to submit the ORLL no later than 15 days after the end of the reporting period.

d. Reference item concerning evaluation of developmental items of new equipment (ENSURE items), page 15, paragraph 2b: Concur. This headquarters is reviewing outstanding R&D projects and preparing requests that complete installation, maintenance and operational instructions be furnished at least 30 days prior to proposed shipment date to allow a final assessment

AVHGC-DST (15 Nov 68) 1st Ind (U)
SUBJECT: Operational Report of Headquarters, 1st Aviation Brigade for
Period Ending 31 October 1968, RCS CSFOR-65 (R1) (U)

of USARV's capability to support and evaluate each end product. A message was dispatched on 28 November 1968 to DA requesting that the evaluation of night flying formation lights be evaluated in CONUS.

e. Reference item concerning forward area refueling equipment (FARF) in IV CTZ, page 16, paragraph 2e: Concur. The unit will be advised that additional nonstandard parts can be requisitioned in accordance with 1st Logistical Command Regulations 700-13 and 700-17. Appropriate action was taken by the unit in submitting an Equipment Improvement Recommendation (EIR).

f. Reference item concerning radio adapter cards, page 17, paragraph h. The shortage of radio adapter cards for the TSLC/KY-8 is recognized by this headquarters. There are 78 cards at Qui Nhon depot, and these are to be managed by the COMSVC Logistics Service Center for distribution. Thirteen hundred kits are being scheduled for shipment to Vietnam through normal logistical channels. The unit has been notified of the supply status of radio adapter cards.

g. Reference item concerning aviator fatigue, page 17, paragraph i(1): Concur. The Aviation Medical Consultant will prepare an item for the December Commander's Notes discussing the merits of this procedure.

FOR THE COMMANDER:

Cy furn:
HQ 1st Avn Bde

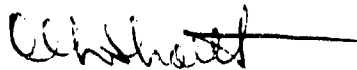
GPOP-DT (15 Nov 68) 2d Ind (U)
SUBJECT: Operational Report of HQ, 1st Aviation Brigade, for Period
Ending 31 October 1968, RCS CSFOR-65 (RI)

HQ, US Army, Pacific, APO San Francisco 96558 13 DEC 1968

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

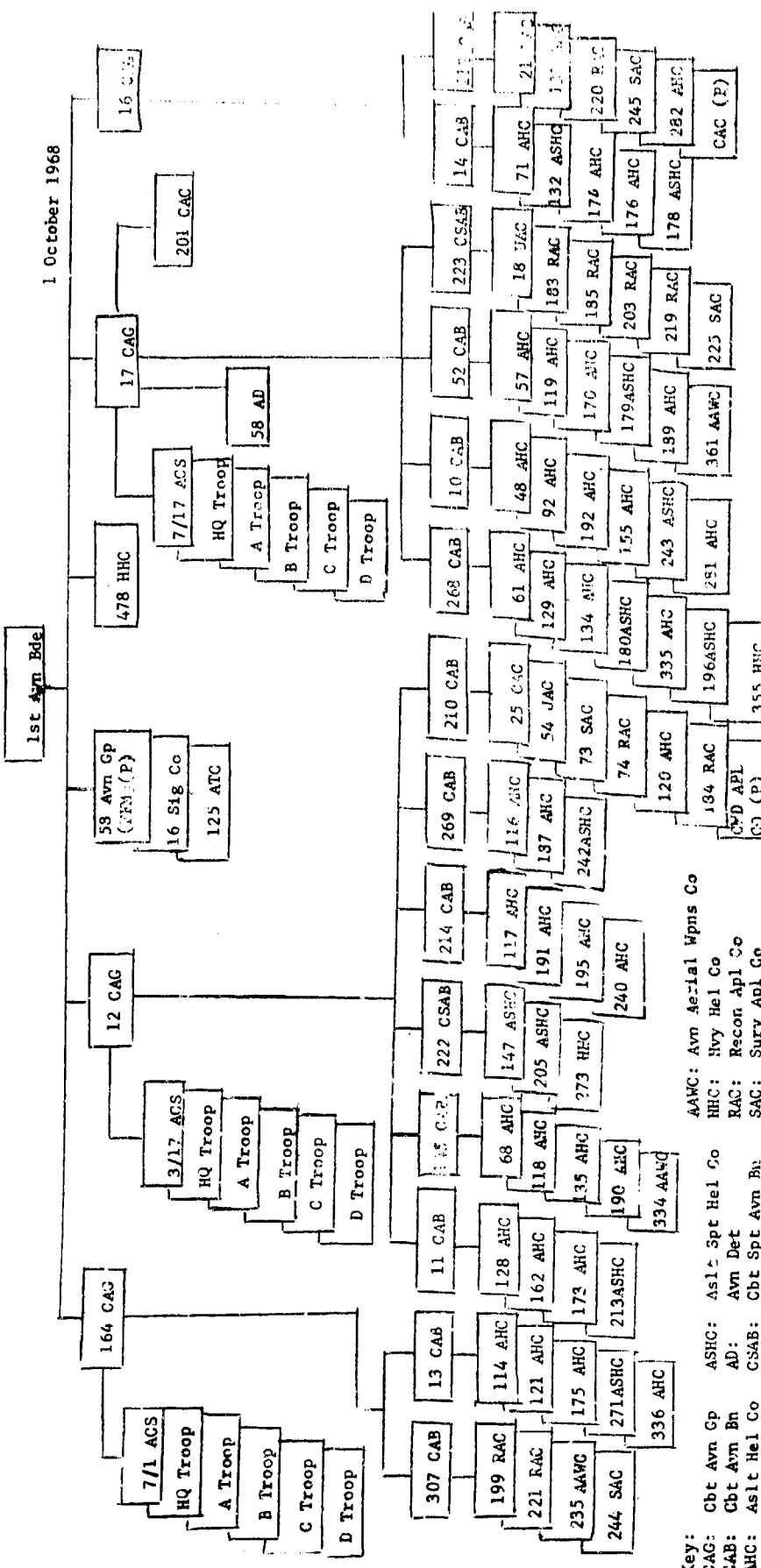
This headquarters has evaluated subject report and forwarding indorsement
and concurs in the report as indorsed.

FOR THE COMMANDER IN CHIEF:



C. L. SHORTT
CPT, AGC
Asst AG

1 October 1968



Key:

- CAG: Cbt Avn Gp
- CAB: Cbt Avn Bn
- AHC: Aslt Hel Co
- UAC: Util Apl Co
- ASHC: Aslt Spt Hel Co
- AD: Avn Det
- CSAB: Cbt Spt Avn Bn
- CAC: Corps Avn Co
- AAWC: Avn Aerial Wpnns Co
- HHC: Hvy Hel Co
- RAC: Recon Apl Co
- SAC: Surv Apl Co
- ACS: Avn Cav Sqdn

UNCLASSIFIED

1ST AVIATION BRIGADE AND ATTACHMENTS

1 October 1968

<u>UNIT</u>	<u>LOCATION</u>	<u>AFPO</u>
<u>1ST AVIATION BRIGADE</u>	Long Binh	96384
HQ & HQ Co	Long Binh	96384
5th Avn Det	Long Binh	96384
8th Mil Hist Det	Long Binh	96384
12th Pub Info Det (TM FB)	Long Binh	96384
154th Med Det (OA)	Hue (Atch 101st Abn Div Amb1)	96383
478th Hvy Hel Co	An Khe (Atch 1st Cav Div (Amb1))	96337
382d TC Det (JE)	An Khe (Atch 1st Cav Div (Amb1))	96337
<u>58TH AVN GP (PFM) (PROV)</u>	Long Binh	96384
HQ & HQ Co	Long Binh	96384
313th Avn Spt Det	Tan Son Nhut (34th Gen Spt Gp)	96307
314th Avn Spt Det	Lai Khe (1st Inf Div)	96289
317th Avn Spt Det	Di An (1st Inf Div)	96345
319th Avn Spt Det	Dau Tieng (25th Inf Div)	96289
322d Avn Spt Det	Quan Loi (1st Inf Div)	96289
325th Avn Spt Det	Long Giao (11th ACR)	96257
326th Avn Spt Det	Da Lat (1st Log Cmd)	96204
327th Avn Spt Det	Duc Pho (23d Inf Div)	96217
338th Avn Spt Det	Vung Tau (Atch 1st Log Cmd)	96491
340th Avn Spt Det	Phu Loi (Atch 1st Inf Div)	96289
341st Avn Spt Det	Cu Chi (Atch 25th Inf Div)	96353
343d Avn Spt Det	Qui Nhon (Atch 1st Log Cmd)	96238
359th Avn Spt Det	Phuoc Vinh (Atch 101st Abn Div (Amb1))	96289
360th Avn Spt Det	Dragon Mt (Atch 4th Inf Div)	96262
361st Avn Spt Det	Dong Tam (Atch 9th Inf Div)	96372
362d Avn Spt Det	Tay Ninh (Atch 25th Inf Div)	96256
366th Avn Spt Det	Dak To (Atch 4th Inf Div)	96250
16th Sig Co (Hyper Nav)	Tan Son Nhut	96307
125th ATC Co	Bien Hoa	96227
<u>12TH COMBAT AVN GP</u>	Long Binh	96266
HQ & HQ Co	Long Binh	96266
87th QM Det (PETRL)	Ham Tan	96257
390th QM Det (PETRL)	Duc Hoa	96314
9th SC Det (RL)	Long Giao	96257
312th Avn Spt Det	Long Binh	96266
315th Avn Spt Det	Bear Cat	96370
316th Avn Spt Det	Long Binh	96266
323d Avn Spt Det	Xuan Loc	96376
324th Avn Spt Det	Bien Hoa	96227

- 2 -

<u>UNIT</u>	<u>LOCATION</u>	<u>AFPO</u>
<u>11TH COMBAT AVN BN</u>	Phu Loi	96289
HQ & HQ Co	Phu Loi	96289
391st QM Det (PETRL)	Song Be	96279
128th Aslt Hel Co	Phu Loi	96289
393d TC Det (KD)	Phu Loi	96289
285th SC Det (RL)	Phu Loi	96289
432d Med Det (OA)	Phu Loi	96289
162d Aslt Hel Co	Phuoc Vinh	96221
407th TC Det (KD)	Phuoc Vinh	96221
450th SC Det (RL)	Phuoc Vinh	96221
758th Med Det (OA)	Phuoc Vinh	96221
173d Aslt Hel Co	Lai Khe	96289
408th TC Det (KD)	Lai Khe	96289
451st SC Det (RL)	Lai Khe	96289
759th Med Det (OA)	Lai Khe	96289
213th Aslt Spt Hel Co	Phu Loi	96289
329th TC Det (AB)	Phu Loi	96289
<u>145TH COMBAT AVN BN</u>	Bien Hoa	96227
HQ & HQ Co	Bien Hoa	96227
145th Sec Plt	Bien Hoa	96227
68th Aslt Hel Co	Bien Hoa	96227
391st TC Det (KD)	Bien Hoa	96227
282d SC Det (RL)	Bien Hoa	96227
430th Med Det (OA)	Bien Hoa	96227
118th Aslt Hel Co	Bien Hoa	96227
573d TC Det (KD)	Bien Hoa	96227
198th SC Det (RL)	Bien Hoa	96227
135th Aslt Hel Co	Long Giao	96257
614th TC Det (KD)	Long Giao	96257
68th SC Det (RL)	Long Giao	96257
197th Med Det (OA)	Long Giao	96257
190th Aslt Hel Co	Bien Hoa	96227
605th TC Det (KD)	Bien Hoa	96227
520th Med Det (OA)	Bien Hoa	96227
334th Avn Aerial Wpns Co	Bien Hoa	96227
571st TC Det (KD)	Bien Hoa	96227
320th SC Det (RL)	Bien Hoa	96227

<u>UNIT</u>	<u>LOCATION</u>	<u>APO</u>
<u>210TH COMBAT AVN BN</u>	Long Thanh	96530
HQ & HQ Co	Long Thanh	96530
129th Med Det (OA)	Long Binh	96384
365th Avn Det	Long Thanh	96530
120th Aslt Hel Co	Long Binh	96384
98th TC Det (KD)	Long Binh	96384
622d SC Det (RL)	Long Binh	96384
Cmd Apl Co (Prov)	Long Thanh	96530
325th SC Det (RL)	Long Thanh	96530
25th Avn Co (Corps)	Long Binh	96266
54th Util Apl Co	Vung Tau	96291
255th TC Det (KD)	Vung Tau	96291
73d Surv Apl Co	Vung Tau	96291
74th Recon Apl Co	Phu Loi	96289
563d TC Det (KD)	Phu Loi	96289
184th Recon Apl Co	Phu Loi	96289
243d SC Det (RL)	Phu Loi	96289
<u>214TH COMBAT AVN BN</u>	Bear Cat	96370
HQ & HQ Co	Bear Cat	96370
772d Med Det (CA)	Bear Cat	96370
117th Aslt Hel Co	Long Binh	96279
140th TC Det (KD)	Long Binh	96279
256th SC Det (RL)	Long Binh	96279
191st Aslt Hel Co	Bear Cat	96370
606th TC Det (KD)	Bear Cat	96370
26th SC Det (RL)	Bear Cat	96370
195th Aslt Hel Co	Long Binh	96266
609th TC Det (KD)	Long Binh	96266
366th SC Det (RL)	Long Binh	96266
93d Med Det (OA)	Long Binh	96266
240th Aslt Hel Co	Bear Cat	96370
619th TC Det (KD)	Bear Cat	96370
932d SC Det (RL)	Bear Cat	96370
<u>222D COMBAT SPT AVN BN</u>	Vung Tau	96291
HQ & HQ Co	Vung Tau	96291
85th Med Det (OA)	Vung Tau	96291

<u>UNIT</u>		<u>APO</u>
147th Aslt Spt Hel Co	Vung Tau	96291
171st TC Det (AB)	Vung Tau	96291
205th Aslt Spt Hel Co	Phu Loi	96289
612th TC Det (AB)	Phu Loi	96289
273d Hvy Hel Co	Vung Tau	96291
652d TC Det (JE)	Vung Tau	96291
<u>269TH COMBAT AVN BN</u>		
HQ & HQ Co	Cu Chi	96353
	Cu Chi	96353
116th Aslt Hel Co	Cu Chi	96353
392d TC Det (KD)	Cu Chi	96353
283d SC Det (RL)	Cu Chi	96353
431st Med Det (OA)	Cu Chi	96353
187th Aslt Hel Co	Tay Ninh	96216
602d TC Det (KD)	Tay Ninh	96216
1st SC Det (RL)	Tay Ninh	96216
541st Med Det (OA)	Tay Ninh	96216
242d Aslt Spt Hel Co	Cu Chi	96353
621st TC Det (AB)	Cu Chi	96353
<u>3D SQDN 17TH AIR CAVALRY</u>		
HQ & HQ Troop	Di An	96345
	Di An	96345
A Troop	Di An	96345
575th TC Det (KD)	Di An	96345
812th SC Det (RL)	Di An	96345
B Troop	Di An	96345
576th TC Det (KD)	Di An	96345
813th SC Det (RL)	Di An	96345
C Troop	Di An	96345
369th TC Det (KD)	Di An	96345
816th SC Det (RL)	Di An	96345
D Troop	Di An	96345
<u>16TH COMBAT AVN GP</u>		
HQ & HQ Co	Da Nang	96337
	Da Nang	96337
320th Avn Spt Det	Quang Ngai	96260

<u>UNIT</u>	<u>LOCATION</u>	<u>AFO</u>
<u>14TH COMBAT AVN BN</u>	Chu Lai	96325
HQ & HQ Det	Chu Lai	96325
14th Scty Plat	Chu Lai	96325
534th Med Det (OA)	Chu Lai	96325
71st Aslt Hel Co	Chu Lai	96325
94th SC Det (RL)	Chu Lai	96325
151st TC Det (KD)	Chu Lai	96325
132d Aslt Spt Hel Co	Chu Lai	96325
16th TC Det (AB)	Chu Lai	96325
174th Aslt Hel Co	Duc Pho	96217
409th TC Det (KD)	Duc Pho	96217
452d SC Det (RL)	Duc Pho	96217
756th Med Det (OA)	Duc Pho	96217
176th Aslt Hel Co	Chu Lai	96325
411th TC Det (KD)	Chu Lai	96325
454th SC Det (RL)	Chu Lai	96325
178th Aslt Spt Hel Co	Chu Lai	96325
400th TC Det (AB)	Chu Lai	96325
<u>212TH COMBAT AVN BN</u>	Da Nang	96337
HQ & HQ Co	Da Nang	96337
21st Recon Apl Co	Chu Lai	96374
131st Surv Apl Co	Hue Phu Bai	96308
220th Recon Apl Co	Hue Phu Bai	96308
134th Med Det (OA)	Hue Phu Bai	96308
231st SC Det (RL)	Hue Phu Bai	96308
245th Surv Apl Co	Da Nang	96337
538th SC Det (RL)	Da Nang	96337
647th Trans Det (JD)	Da Nang	96337
282d Aslt Hel Co	Da Nang	96337
484th TC Det (KD)	Da Nang	96337
504th SC Det (RL)	Da Nang	96337
519th Med Det (OA)	Da Nang	96337
Corps Avn Co (Prov)	Hue	96308

<u>UNIT</u>	<u>LOCATION</u>	<u>APO</u>
<u>17TH COMBAT AVN GP</u>	Nha Trang	96240
HQ & HQ Co	Nha Trang	96240
25th Med Det	Nha Trang	96240
58th Avn Det	Qui Nhon	96350
An Khe AFld Cmd	An Khe	96490
348th Avn Spt Det	Dan Me Thuot	96297
201st Corps Avn Co	Nha Trang	96240
<u>10TH COMBAT AVN DN</u>	Dong Ba Thin	96377
HQ & HQ Co	Dong Ba Thin	96377
339th Avn Spt Det	Dong Ba Thin	96377
130th Med Det (OA)	Dong Ba Thin	96377
48th Aslt Hel Co	Ninh Hoa	96240
279th SC Det (RL)	Ninh Hoa	96240
286th Med Det (OA)	Ninh Hoa	96240
390th TC Det (KD)	Ninh Hoa	96240
92d Aslt Hel Co	Dong Ba Thin	96377
732d SC Det (RL)	Dong Ba Thin	96377
617th TC Det (KD)	Dong Ba Thin	96377
155th Aslt Hel Co	Ban Me Thuot	96297
165th TC Det (KD)	Ban Me Thuot	96297
208th SC Det (RL)	Ban Me Thuot	96297
8th Med Det (OA)	Ban Me Thuot	96297
255th QI Det (PETRL)	Ban Me Thuot	96297
192d Aslt Hel Co	Phan Thiet	96317
607th TC Det (KD)	Phan Thiet	96317
65th SC Det (RL)	Phan Thiet	96317
198th Med Det (OA)	Phan Thiet	96317
363d Avn Spt Det	Phan Thiet	96317
243d Aslt Spt Hel Co	Dong Ba Thin	96377
620th TC Det (AB)	Dong Ba Thin	96377
281st Aslt Hel Co	Nha Trang	96240
483d TC Det (KD)	Nha Trang	96240
499th SC Det (RL)	Nha Trang	96240
<u>52D COMBAT AVN DN</u>	Pleiku	96318
HQ & HQ Co	Pleiku	96318
52d Scty Plt	Pleiku	96318
68th Inf Det (RADAR)	Pleiku	96318
344th Avn Spt Det	Pleiku	96318
321st Avn Spt Det	Kontum	96499

<u>UNIT</u>	<u>LOCATION</u>	<u>APO</u>
57th Aslt Hel Co	Kontum	96499
615th TC Det (KD)	Kontum	96499
822d Sig Det (RL)	Kontum	96499
119th Aslt Hel Co	Pleiku	96318
70th SC Det (RL)	Pleiku	96318
94th Med Det (OA)	Pleiku	96318
545th TC Det (KD)	Pleiku	96318
170th Aslt Hel Co	Pleiku	96318
405th TC Det (KD)	Pleiku	96318
448th SC Det (RL)	Pleiku	96318
755th Med Det (OA)	Pleiku	96318
179th Aslt Spt Hel Co	Pleiku	96318
402d TC Det (AB)	Pleiku	96318
189th Aslt Hel Co	Pleiku	96318
604th TC Det (KD)	Pleiku	96318
6th SC Det (RL)	Pleiku	96318
361st Avn Aerial Wpns Co (Escort)	Pleiku	96318
665th TC Det (KD)	Pleiku	96318
621st SC Det (RL)	Pleiku	96318
<u>223D COMBAT SPT AVN BN</u> HQ & HQ Co	Qui Nhon Qui Nhon	96238 96238
18th Util Apl Co	Qui Nhon	96238
163d Med Det (OA)	Qui Nhon	96238
256th TC Det (KD)	Qui Nhon	96238
183d Recon Apl Co	Dong Ba Thin	96377
185th Recon Apl Co	Dan Ma Thuot	96297
203d Recon Apl Co	Phu Hiep	96316
219th Recon Apl Co	Pleiku	96318
225th Serv Apl Co	Phu Hiep	96316
821st SC Det (RL)	Phu Hiep	96316
509th TC Det (JD)	Phu Hiep	96316

<u>UNIT</u>	<u>LOCATION</u>	<u>APG</u>
<u>268TH COMBAT AVN BN</u>		
HQ & HQ Co	Phu Hiep	96316
342d Avn Spt Det	Phu Hiep	96316
433d Med Det (OA)	Phu Hiep	96316
61st Aslt Hel Co	An Son	96238
922d SC Det (RL)	An Son	96238
616th TC Det (KD)	An Son	96238
193d Med Det (OA)	An Son	96238
364th Avn Spt Det	LZ English	96238
129th Aslt Hel Co	An Son	96238
296th SC Det (RL)	An Son	96238
394th TC Det (KD)	An Son	96238
134th Aslt Hel Co	Phu Hiep	96316
832d SC Det (RL)	Phu Hiep	96316
618th TC Det (KD)	Phu Hiep	96316
180th Aslt Spt Hel Co	Phu Hiep	96316
403d TC Det (AB)	Phu Hiep	96316
196th Aslt Spt Hel Co	An Son	96238
610th TC Det (AB)	An Son	96238
546th Med Det (OA)	An Son	96238
318th Avn Spt Det	An Son	96238
335th Aslt Hel Co	Phu Hiep	96316
234th SC Det (RL)	Phu Hiep	96316
166th TC Det (KD)	Phu Hiep	96316
355th Hvy Hel Co	Phu Hiep	96316
662d TC Det	Phu Hiep	96316
<u>7TH SQDN 17TH AIR CAVALRY</u>		
HQ & HQ Troop	Dragon Mountain	96262
40th TC Det (KD)	Dragon Mountain	96262
A Troop	Dragon Mountain	96262
288th SC Det (RL)	Dragon Mountain	96262
568th TC Det (KD)	Dragon Mountain	96262
B Troop	Dragon Mountain	96262
414th SC Det (RL)	Dragon Mountain	96262
569th TC Det (KD)	Dragon Mountain	96262
C Troop	Dragon Mountain	96262
238th SC Det (RL)	Dragon Mountain	96262
D Troop	Dragon Mountain	96262
<u>164TH COMBAT AVN GP</u>		
HQ & HQ Co	Can Tho	96215
52d QM Det (PETRL)	Can Tho	96215
Btry H (Search Light) 29th Artv	Can Tho	96215

<u>UNIT</u>	<u>LOCATION</u>	<u>AFO</u>
62d QM Det (PETRL)	Can Tho	96215
5th QM Det (PETRL)	Vinh Long	96357
53d QM Det (PETRL)	Soc Trang	96296
345th Avn Spt Det	Can Tho	96215
13th Security Flt	Can Tho	96215
774th Med Det (OA)	Can Tho	96215
78th FA Det (RADAR)	Can Tho	96215
346th Avn Spt Det	Vinh Long	96357
83d Med Det (OA)	Vinh Long	96357
261st FA Det (RADAR)	Vinh Long	96357
347th Avn Spt Det	Soc Trang	96296
41st Med Det (OA)	Soc Trang	96296
69th Inf Det (RADAR)	Soc Trang	96296
262d FA Det (RADAR)	Soc Trang	96296
<u>13TH COMBAT AVN BN</u>	Can Tho	96215
HQ & HQ Co	Can Tho	96215
114th Aslt Hel Co	Vinh Long	96357
96th SC Det (EL)	Vinh Long	96357
544th TC Det (KD)	Vinh Long	96357
175th Aslt Hel Co	Vinh Long	96357
28th SC Det (RL)	Vinh Long	96357
150th TC Det (KD)	Vinh Long	96357
121st Aslt Hel Co	Soc Trang	96296
80th TC Det (YD)	Soc Trang	96296
257th SC Det (RL)	Soc Trang	96296
271st Aslt Spt Hel Co	Can Tho	96215
361st TC Det (AB)	Can Tho	96215
336th Aslt Hel Co	Soc Trang	96296
167th TC Det (KD)	Soc Trang	96296
277th SC Det (RL)	Soc Trang	96296
<u>307TH COMBAT AVN BN</u>	Soc Trang	96296
HQ & HQ Co	Soc Trang	96296
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221st Recon Apl Co	Soc Trang	96296

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<u>UNIT</u>		<u>AFO</u>
235th Avn Aerial Wpns Co	Can Tho	96215
608th TC Det (KD)	Can Tho	96215
190th SC Det (RL)	Can Tho	96215
244th Srv Apl Co	Can Tho	96215
502d TC Det (JD)	Can Tho	96215
537th SC Det (RL)	Can Tho	96215
<u>7TH SQDN 1ST AIR CAVALRY</u>	Vinh Long	96357
<u>PC & HQ Troop</u>	Vinh Long	96357
A Troop	Vinh Long	96357
370th TC Det (KD)	Vinh Long	96357
819th SC Det (RL)	Vinh Long	96357
B Troop	Di An	96345
574th TC Det (KD)	Di An	96345
811th SC Det (RL)	Di An	96345
C Troop	Vinh Long	96357
3d SC Det (RL)	Vinh Long	96357
371st TC Det (KD)	Vinh Long	96357
D Troop	Vinh Long	96357

NOTE: All Aviation Support Detachments on this listing are assigned to the 58th Aviation Group (Flight Facilities Mobile) (Provisional) and further attached to Brigade units or other Commands as indicated. Those attached to Brigade units are listed under the Brigade unit to which attached.

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