AD NUMBER

AD393585

CLASSIFICATION CHANGES

TO: UNCLASSIFIED
FROM: CONFIDENTIAL

LIMITATION CHANGES

TO:
Approved for public release; distribution is unlimited. Document partially illegible.

FROM:
Distribution authorized to U.S. Gov't. agencies and their contractors; Administrative/Operational Use; 15 AUG 1968. Other requests shall be referred to Assistant Chief of Staff Force Development (Army), Washington, DC 20310. Document partially illegible.

AUTHORITY

AGO D/A ltr, 29 Apr 1980; AGO D/A ltr, 29 Apr 1980

THIS PAGE IS UNCLASSIFIED
THIS REPORT HAS BEEN DELIMITED AND CLEARED FOR PUBLIC RELEASE UNDER DOD DIRECTIVE 5200.20 AND NO RESTRICTIONS ARE IMPOSED UPON ITS USE AND DISCLOSURE.

DISTRIBUTION STATEMENT A
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION UNLIMITED.

BEST COPY AVAILABLE
CONFIDENTIAL

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

4) (18 Oct 68) FOR OT RD 683208

28 October 1968

SUBJECT: Operational Report - Lessons Learned, Headquarters, 307th Armor Aviation Battalion, Period Ending 31 July 1968 (U)

"This document contains information affecting the National Defense of the United States within the meaning of the Espionage Act, Title 18, U. S. C., Section 793 and 794. Its transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law."

1. Subject report is forwarded for review and evaluation in accordance with paragraph 5b, AR 525-15. Evaluations and corrective actions should be reported to ACSFOR OT RD, 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:

KENNETH G. WICKHAM
Major General, USA
The Adjutant General

1 Incl as

DISTRIBUTION:
Commanding Generals
US Continental Army Command
US Army Combat Developments Command
Commandants
US Army Command and General Staff College
US Army Artillery and Missile School
US Army Aviation School
US Army Signal School
US Army Southeastern Signal School

Regraded unclassified when separated from classified inclosure.

CONFIDENTIAL
AVBN-P 15 August 1968

SUBJECT: Operational Report of the 307th Combat Aviation (Phantom) Battalion for Period Ending 31 July 1968, RCS GSCR-63 (R1)

1. SECTION I OPERATIONS: SIGNIFICANT ACTIVITIES

   a. (U) Mission: There has been no change in the battalion's missions or area of operation.

   b. (U) Organisation: There were no changes in the primary subordinate units assigned to the battalion. There was an addition of three Quartermaster Detachments and the reassignment of a Signal (Avionics) Detachment from Battalion resources. This resulted in changes in the following subordinate unit organizations.

      (1) (U) The Headquarters and Headquarters Company, 307th Combat Aviation Battalion with the 5th, 32nd, 53rd and 62nd Quartermaster Detachments attached, stationed at Soc Trang, RVN (APO San Francisco 96296)

      (2) (U) The 221st Reconnaissance Airplane Company (O-1) stationed at Soc Trang, RVN (APO San Francisco 96296)

      (See Complete Organization and Stationing Chart, Incl 1)

   c. Command Group Personnel:

      (1) (U) The battalion had several key personnel changes in the command group and among the subordinate units. The composition of the battalion staff has stabilised. The influx of personnel throughout the battalion has generally reduced the personnel turbulence which was caused by having to shift personnel to man key positions. There are no significant peak retention requirements in officer and warrant officer categories; however, there are peaks in enlisted strength which will be resolved in the coming quarter with an infusion program.

      (2) (C) Composition of the Battalion Command Group:
CONFIDENTIAL

AVBN-P 15 August 1968

<table>
<thead>
<tr>
<th>POSITION</th>
<th>RANK</th>
<th>NAME</th>
<th>SN</th>
<th>ASSIGNED</th>
<th>RELEASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commander</td>
<td>LTC</td>
<td>Charles F. Hutchins</td>
<td>077053</td>
<td>21 Dec 67</td>
<td>13 Jul 68</td>
</tr>
<tr>
<td>Commander</td>
<td>LTC</td>
<td>Charles N. Allgood</td>
<td>061493</td>
<td>13 Jul 68</td>
<td>N/A</td>
</tr>
<tr>
<td>Commander</td>
<td>LTC</td>
<td>Alvin E. Walker</td>
<td>095640</td>
<td>6 Jun 68</td>
<td>N/A</td>
</tr>
<tr>
<td>Engr Off</td>
<td>LTC</td>
<td>Cornell L. Ullman</td>
<td>057001472</td>
<td>10 May 68</td>
<td>24 May 68</td>
</tr>
<tr>
<td>S-1</td>
<td>MAJ</td>
<td>John A. Duff</td>
<td>0892577</td>
<td>28 May 68</td>
<td>N/A</td>
</tr>
<tr>
<td>S-2</td>
<td>MAJ</td>
<td>Curtis J. Herick</td>
<td>0903647</td>
<td>23 Jan 68</td>
<td>30 Jun 68</td>
</tr>
<tr>
<td>S-3</td>
<td>MAJ</td>
<td>Joe D. Berry</td>
<td>01061058</td>
<td>13 Jul 68</td>
<td>KIA</td>
</tr>
<tr>
<td>S-4</td>
<td>MAJ</td>
<td>Samuel F. Mose</td>
<td>02071465</td>
<td>12 Dec 67</td>
<td>31 Jul 68</td>
</tr>
<tr>
<td>S-4</td>
<td>MAJ</td>
<td>Leonard J. Sauvall</td>
<td>073872</td>
<td>13 Jul 68</td>
<td>N/A</td>
</tr>
<tr>
<td>Signal</td>
<td>CPT</td>
<td>Walter G. Hicks</td>
<td>05317127</td>
<td>14 Feb 68</td>
<td>13 May 68</td>
</tr>
<tr>
<td>S/A Maint</td>
<td>CPT</td>
<td>Joseph S. Smith</td>
<td>055537569</td>
<td>13 May 68</td>
<td></td>
</tr>
<tr>
<td>C/A Maint</td>
<td>CPT</td>
<td>Harold L. Boyd</td>
<td>22314491</td>
<td>15 Jun 68</td>
<td>N/A</td>
</tr>
<tr>
<td>Safety</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(3) (C) Subordinate Unit Commanders: (Changes)

(a) Commanding Officer, 199th Reconnaissance Airplane Company:
Major John S. Jacob, OP104022, commanded from 1 December 1967 to 10 July 1968; Major Robert S. Borer, 091556, assumed command 10 July 1968 to the present.

(b) Commanding Officer, 221st Reconnaissance Airplane Company:
ITC James R. Heilish, 071222, commanded from 1 December 1967 to 28 July 1968; Major Robert W. Hornaday, 091873, assumed command 28 July 1968 to the present.

(c) Commanding Officer, 257th Armed Helicopter Company: Major Charles D. Gordon, 04030593, commanded from 29 February 1968 to 27 July 1968; Major William R. Lenderman, 773556, assumed command 27 July 1968 to the present.

d. Unit Strength as of 31 July 1968 and Casualty Statistics for Quarter Ending 31 July 1968:

(1) (C) Military:

<table>
<thead>
<tr>
<th>Subordinate Unit</th>
<th>Officer Auth O/H</th>
<th>Officer Auth O/H</th>
<th>EM Auth 2/H</th>
<th>EM Auth O/H</th>
<th>EM MIA</th>
<th>EM KIA</th>
<th>EM MIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>199th RAC</td>
<td>32</td>
<td>33</td>
<td>1</td>
<td>0</td>
<td>95</td>
<td>99</td>
<td>128</td>
</tr>
<tr>
<td>221st</td>
<td>41</td>
<td>28</td>
<td>1</td>
<td>2</td>
<td>114</td>
<td>107</td>
<td>156</td>
</tr>
</tbody>
</table>

CONFIDENTIAL

<table>
<thead>
<tr>
<th>Unit</th>
<th>Officer</th>
<th>Auth O/H</th>
<th>WO</th>
<th>Auth O/H</th>
<th>EM</th>
<th>Auth O/H</th>
<th>Total</th>
<th>Auth O/H</th>
<th>KIA</th>
<th>KIA</th>
<th>MIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>235th AHC</td>
<td>16</td>
<td>10</td>
<td>41</td>
<td>29</td>
<td>211</td>
<td>222</td>
<td>268</td>
<td>261</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>244th SAC</td>
<td>16</td>
<td>29</td>
<td>21</td>
<td>2</td>
<td>321</td>
<td>296</td>
<td>358</td>
<td>327</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>HHC 307th</td>
<td>13</td>
<td>19</td>
<td>3</td>
<td>2</td>
<td>88</td>
<td>95</td>
<td>169</td>
<td>116</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>307 CAB Total</strong></td>
<td><strong>123</strong></td>
<td><strong>129</strong></td>
<td><strong>67</strong></td>
<td><strong>35</strong></td>
<td><strong>829</strong></td>
<td><strong>919</strong></td>
<td><strong>1019</strong></td>
<td><strong>983</strong></td>
<td><strong>11</strong></td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
</tr>
</tbody>
</table>

(2) (0) Civilians:

<table>
<thead>
<tr>
<th>Unit</th>
<th>DAC</th>
<th>Auth O/H</th>
<th>VN</th>
<th>Auth O/H</th>
<th>3rd Nat'l</th>
<th>Contractor</th>
</tr>
</thead>
<tbody>
<tr>
<td>199th RAC</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>4</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>221st RAC</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>235th AHC</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>244th SAC</td>
<td>0</td>
<td>0</td>
<td>33</td>
<td>33</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>HHC 307th</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>307 CAB Total</strong></td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
<td><strong>46</strong></td>
<td><strong>40</strong></td>
<td><strong>0</strong></td>
<td><strong>21</strong></td>
</tr>
</tbody>
</table>

**Awards and Decorations for Quarter Ending 31 July 1968:**

<table>
<thead>
<tr>
<th>Award</th>
<th>MAY</th>
<th>JUNE</th>
<th>JULY</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distinguished Flying Cross</td>
<td>25</td>
<td>20</td>
<td>1</td>
<td>46</td>
</tr>
<tr>
<td>Distinguished Service Medal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Silver Star</td>
<td>3</td>
<td>4</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>Bronze Star</td>
<td>2</td>
<td>16</td>
<td>8</td>
<td>26</td>
</tr>
<tr>
<td>Bronze Star &quot;V&quot;</td>
<td>22</td>
<td>9</td>
<td>5</td>
<td>36</td>
</tr>
<tr>
<td>Air Medal</td>
<td>229</td>
<td>383</td>
<td>91</td>
<td>703</td>
</tr>
<tr>
<td>Air Medal &quot;V&quot;</td>
<td>28</td>
<td>15</td>
<td>85</td>
<td>128</td>
</tr>
<tr>
<td>Army Commendation Medal</td>
<td>12</td>
<td>24</td>
<td>11</td>
<td>47</td>
</tr>
<tr>
<td>Army Commendation Medal &quot;V&quot;</td>
<td>18</td>
<td>57</td>
<td>1</td>
<td>78</td>
</tr>
<tr>
<td>Purple Heart</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>11</td>
</tr>
</tbody>
</table>

**Aircraft Status as of 31 July 1968:**

<table>
<thead>
<tr>
<th>Unit</th>
<th>UH-1</th>
<th>AH-1G</th>
<th>OV-1</th>
<th>O-1</th>
<th>U-6</th>
<th>OH-6A</th>
</tr>
</thead>
<tbody>
<tr>
<td>199th RAC</td>
<td>24</td>
<td>26</td>
<td>0</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>221st RAC</td>
<td>32</td>
<td>26</td>
<td>0</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AVEN-P


### Operational Support Events:

1. **(U)** The reporting period has been one of relative quiet in the Delta. Enemy incidents fell during the month of May and June to pre-Tet levels. The month of July saw a slight increase over May and June, but still the trend was downward. The battalion posture was offensive in nature during this period. Maximum use of the reconnaissance and surveillance capabilities were made with the battalion assets in an attempt to find and fix the enemy.

2. **(U)** On 13 July 1968, the command of the battalion passed from LTC Charles F. Hutchins to LTC Charles W. Allgood. The ceremony took place at Sec Trang Army Airfield, RVN, and was attended by Col Eugene B. Conrad, the Deputy Commander, 1st Aviation Brigade and Col Worthington M. Hacone, Commanding Officer of the 164th Cbt Avn Gp.

3. **(C)** The major consolidated battalion offensive effort continued under the title of "Delta Falcon." This was a continuation of the day and night interdiction mission of the enemy infiltration and communist routes from Cambodia initiated at the beginning of March 1968. The assignment of 7/1 Air Cavalry Squadron (-) at Vinh Long in June 1968 enabled the battalion to be released from this mission of a true air cavalry type mission. The phase-in of the squadron was accomplished by placing a troop under the supervision of the 307th CAB for approximately a month until the squadron was operational. The 307th CAB still supports this concept during the hours of darkness by teaming two Mohawks from the battalion with a heavy fire team of Cobras (3 AH-1G's) from the air cav squadron on a mission basis.

4. **(C)** With the release of the assets of the battalion from the Delta Falcon mission, the battalion shifted emphasis from the Cambodian
CONFIDENTIAL

AVEN-P

Operational Report of the 307th Combat Aviation (Phantom)
Battalion for the Period Ending 31 July 1968, RCS CSFOR-65 (RI)

border area to the Ca Mau peninsula. During the early part of June,
Operation Phantom III was initiated. This concept was essentially the
same as Delta Falcon; however, no assets were immediately available for
follow-up ground action. The primary mission was to interdict and
harass the supply routes and com-communications routes originating in lower
An Xuyen Sector and proceeding northward. The operation is conducted in
random selected areas and unscheduled dates.

(5) (U) The 0-1 units have continued to provide the eyes down at
user level in the IV Corps. The assignment of the O-1's (Tnl 3) at
province and ARVN Division headquarters has materially aided the American
advisers in their attempt to evaluate and procure intelligence of immediate
value. Though the fragmentation of the O-1 company has created a
command and control problem not common to an aviation company, it is felt
the results and rapport obtained in support of the ground forces is worth
the extra effort expended to overcome the problem.

(6) (C) The battalion Mohawk company contributes heavily to the IV
Corps intelligence effort in a highly professional fashion. The OV-1
coverage of the Delta averages 75% coverage nightly. Targets detected
are immediately called in to the province TOC's over which the aircraft
are flying. All of the information is forwarded to the IV Corps O-2 Air
during missions through the data processing station located at Can Tho.
The evaluation of imagery and photos is also processed at Can Tho
following missions and forwarded immediately to the O-2 Air.

(7) (C) The following statistics show the effort expended in
support of the Corps surveillance plan:

SORTIES FLOWN FROM 1 MAY TO 31 JULY 1968

<table>
<thead>
<tr>
<th>Type Left</th>
<th>VR</th>
<th>Photo</th>
<th>IR</th>
<th>SLAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>O-1</td>
<td>9315</td>
<td>57</td>
<td>927</td>
<td>492</td>
</tr>
<tr>
<td>CV-1</td>
<td>2421</td>
<td>203</td>
<td>909</td>
<td>492</td>
</tr>
</tbody>
</table>

(8) (C) The 235th Armed Helicopter Company, still the Army's only
separate, non-divisional type, completely armed helicopter company, is
acquiring itself in a most admirable manner. The availability rate of
the AH-1G is fast increasing as a result of the build up of a proper
ASL/IIT. The AH-1G continues to be able to perform all missions.

CONFIDENTIAL
previously performed by UH1-B/C gunships; however, the ability to move in and conduct primary reconnaissance missions in a manner typified by the older gunships has resulted in a disproportionate share of combat damage. Shifting the emphasis to the attack role of the AH-1G and capitalizing on its stand off attack capability appears to hold good promise for even more satisfactory results. There still appears to be a need for a gunship which can remain down low supporting the ground forces, yet not becoming as vulnerable or susceptible to major combat damage.

(c) (U) The battalion has accomplished all assigned combat and direct combat support missions assigned during the reporting period. There is no doubt the battalion has contributed to the stabilization effort of IV Corps and can continue to operate in an effective and satisfactory fashion. Statistics generated in support of its mission are in Incl 2.

2. **SECTION II LESSONS LEARNED: COMMANDERS OBSERVATIONS, EVALUATIONS AND RECOMMENDATIONS.**

   a. Personnel: None.

   b. Operations:

   (1) (C) Transponder Equipment for O-1 Aircraft.

   (a) OBSERVATION. The O-1 aircraft do not always paint a positive target for area radar control agencies.

   (b) EVALUATION. The O-1 aircraft operate on the majority of missions day and night as single aircraft. The missions for the most part cover isolated areas far removed from friendly positions. The Army flight following agencies offer radio flight following only; however, the Air Force area radar can offer positive control when it becomes necessary to fly through IFR conditions or when flying over extremely isolated and remote areas. On many occasions the area radar service has to be terminated when being vectored around weather or when the skin paint of the O-1 target becomes lost due to its relative small size. There exists a definite need to have transponders installed on the O-1 aircraft for flight following purposes and as an added advantage the identification of friendly aircraft under combat conditions.

   (c) RECOMMENDATION. That a retrofit program be initiated to install the latest, lightweight version of a transponder in the O-1 aircraft.

(2) (C) Aviation Assets Used to Maintain Contact During Hours of Darkness.

(a) OBSERVATION. The OV-1 sensing equipment can detect the withdrawal of enemy forces from the battle area after contact has been broken during the hours of darkness.

(b) EVALUATION. Utilizing the OV-1 and teaming with AH-1G's, contact with the enemy during retrograde movements can be maintained. It has been noted that ground forces making contact with the Viet Cong have habitually been extracted during the hours just prior to darkness. After surmounting the Viet Cong apparently board sampans and depart the immediate area. By using the "Snake Hunt" concept, contact can be maintained; destruction of the enemy and a slow-down of his movement will result.

(c) RECOMMENDATION: That this concept be tested and given full dissemination as soon as practicable.

(3) (C) Use of the Proximity Fuze (XM-429) Against Selected Targets.

(a) OBSERVATION. Warheads fused with the (XM-429) proximity fuse are more lethal against sampans moving on water than the (M-423) point detonating fuzed warheads.

(b) EVALUATION. The attack helicopters of this battalion have flown numerous sorties on interdiction missions against water borne transportation. The use of the (M-423) point detonating fuzed rockets is effective primarily as an area fire weapon, and their use against single sampans has resulted in a waste of ammunition. The introduction of the (XM-429) proximity fuse has greatly increased the effect of the rockets and the shrapnel effect compared to the older fuse, which explodes only when it hits the water for sampans.

(c) RECOMMENDATION: That the proximity fuze be used against individual type targets such as sampans which require a strike to neutralize. That mission commanders specify the type ammunition mix required to support their particular mission during pre-mission briefings.

c. Training: None.
d. Intelligence: None.

e. (C) Hazards: Malfunction of the KS-61 System With MK122A-1 Flash Cartridges.
OBSERVATION. Difficulty has been experienced in night photography using the KS-61 camera system and the MK122A-1 photo flash cartridges.

EVALUATION. This unit has had difficulty procuring usable imagery from night photography. Frames were either overlapped with others or large blank spaces occurred between frames. Checks of the film drive system produced negligible results. The unit received a rebuilt OV-1A, and checks were made of this system using a strobe light at night. This system worked correctly, and good imagery was obtained. It was determined that on aircraft that had been in RVN over six months, the photo flash detection system was deteriorated and would not detect the flash correctly. An EIR has been submitted.

RECOMMENDATION. That a cover be fabricated and placed over the cell detector to prevent deterioration during the day and when the system is not in use. That a system check be adopted using a strobe light at night halfway between the cell and tail of the aircraft to test if the detection system will activate itself.


OBSERVATION. O-1 companies deployed in Vietnam are void of organizational signal avionics personnel (MOS 35K).

EVALUATION. O-1 companies presently deployed in Vietnam are constituted by combining portions of several TCE's under a General Order. In some instances this order includes a signal avionics detachment (TOE 11 500D), in others none is authorized. The companies are not authorized organizational signal avionics personnel (MOS 35L). This is also true of the avionics detachment which is manned to perform "bench" repair of components (MOS 35L). Actually the detachment does perform organizational maintenance since they are normally the only signal personnel available. This situation does not exist in the Assault Helicopter Company (TOE 1-77G) where two organizational signal avionics personnel (MOS 35K) are included in the company headquarters. This situation becomes critical in units without avionics detachments or when assigned avionics detachments are detached.

RECOMMENDATION. That TCE's presently under study for Reconnaissance Airplane Companies include a minimum of two organizational avionics repairmen (MOS 35K) in their organizations.

Other (Safety): Securing Smoke Grenades in the Cockpit.

(1) OBSERVATION. As a result of a fatal accident caused by a smoke grenade dropped in the aircraft cockpit, it was found that in many aircraft these grenades were secured merely by suspending them by their safety clip to the guard or bar protecting the instrument switches. Should the cotter pin become disengaged from the grenade, the safety clip would release and the grenade would ignite.

(2) EVALUATION. It was found that smoke grenades would fit securely into octagonal shaped rocket fin covers. Cutting these down to a size of 6" and installing them in the aircraft provided a secure and safe means of carrying smoke grenades and eliminated any danger should the cotter key become dislodged. The grenade safety clip will remain securely held in place in the container even if the cotter key is accidently removed.

3 Incl
1. Organization & Stationing
2. Operational Statistics
3. Station List

CHARLES N. ALWOOD
LTC Commanding
AVGN (15 Aug 68) 1st Ind
SUBJECT: Operational Report of the 307th Combat Aviation (Phantom)
Battalion for Period Ending 31 July 1968 RCS CSFGR-65 (RI)

DA, HQ, 164TH AVIATION GROUP, AFO 96215 25 August 1968

SEE DISTRIBUTION

1. The attached 307th CAB ORLL for the period ending 31 July 1968 has
been evaluated by this headquarters as required by USARV Reg 525-15.

2. Section II, Lessons Learned: Commanders Observations Evaluations
and Recommendations.

   a. Transponder Equipment for O-1 Aircraft. Non-concur with recommend-
dation to install transponders in O-1 aircraft.

   b. Although a transponder would be a most desirable accessory in the
O-1 aircraft, it is not an essential piece of equipment. The space weight
and power provisions are not available in the O-1 and a transponder modifi-
cation kit would further complicate an already marginal gross weight condi-
tion. The principle behind the transponder is sound, however impractical
for a visual reconnaissance aircraft which normally operates habitually over
a small region with continuous flight following with a local ground unit or
Army flight following facility. Since the aircraft was neither originally
designed or equipped for IFR flight, any attempt to upgrade the system would
only lead to additional weight and performance penalties. Adequate radio
flight following facilities are available on a continuous basis and search
radars are available to assist in emergencies.

3. With the exception listed in paragraph 2 above, concur with the commander's
observations, evaluations and recommendations.

(W)Worthington M. Mahone
(t)WORTHINGTON M. MAHONE
Colonel, Infantry
Commanding

DISTRIBUTION:
2 DA, ATTN: AGSFCR
1 CG, 1st Avn Bde, ATTN: AVRA-C

A TRUE COPY:

[Signature]

HAROLD E. KLINGMAN
Major, GS
Ops & Staff, Sec Br, DST Div
Office, AGSFCR, GS
OPERATIONAL REPORT OF THE 307TH COMBAT AVIATION (PHANTOM) BATTALION FOR PERIOD ENDING 31 JULY 1968, RCS CSUR-65 (M1) (U)

DA, HEADQUARTERS, 1ST AVIATION BRIGADE, APO 96384 SEP 5 1968

THRU: Commanding General, United States Army Vietnam, ATTN: AHQG-DST APO 96375

Commander in Chief, United States Army Pacific, ATTN: GPOF-OT, 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 endorsed except as follows:

   Paragraph 1g(8), page 5. The 307th Combat Aviation Battalion is in error by stating that the 235th Armed Helicopter Company is still the Army's only separate armed helicopter company. There are in fact two additional armed helicopter companies now assigned to the 1st Aviation Brigade.

2. (U) The following additional comment is considered pertinent:

   Paragraph 2f(3), page 8. The standardized MTOC (1-2575) for all BAC units submitted in late 1967 by this headquarters did not include MTOC 25Y. This HQs is evaluating the problem to determine if avionics repairs are required in all O-1 units assigned. If a requirement exists for MTOC 25Y in all O-1 Companies, a change to the standardized MTOC will be initiated.

FOR THE COMMANDER:

JOHN D. MINSER III
CPT, AGO
Assistant Adjutant General
TO:    Commander in Chief, United States Army, Pacific, ATTN: GPOF-DT,
       APO 96558

This headquarters has reviewed the Operational Report-Lessons Learned for
the quarterly period ending 31 July 1968 from Headquarters, 307th Combat
Aviation Battalion, and concurs with the report as modified by the
preceding indorsements.

FOR THE COMMANDER:

W. C. ARNTZ
LT. AGC
Assistant Adjutant General

Cy Furrn:
HQ 1st Avn Bde
HQ 307th CAB
GPOP-DT (15 Aug 68) 4th Ind (C)
SUBJECT: Operational Report of HQ, 307th Combat Aviation Bn
for Period Ending 31 July 1968, RCS CSFOR-65 (R1)(U)

HQ, US Army, Pacific, APO San Francisco 96558 7 OCT 1968

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

1. (U) This headquarters has evaluated subject report
and forwarding indorsements and concurs in the report
as indorsed.

2. (C) Reference 1st Indorsement, paragraph 2: For
planning purposes, all aircraft in a combat zone should
have a transponder incorporating the "Identification
Friend or Foe" (IFF) feature. Under current combat
operational conditions, with no enemy air threat, low
flying, low performance light aircraft may be excluded.

FOR THE COMMANDER IN CHIEF:

Cc furnished:
CGUSARV

CONFIDENTIAL
LOCATION | UNIT | SUPPORTED NO. of UNIT
--- | --- | ---
A | Can Tho 221st RAC | IV Corps, 9 USSR
B | Bac Lieu 221st RAC | 1st ARVN Div, 21st ARVN Div, 2nd ARVN Div
C | Ca Mau 221st RAC | 1st ARVN Div, 2nd ARVN Div, 3rd ARVN Div
D | Rach Gia 221st RAC | 1st ARVN Div, 2nd ARVN Div, 3rd ARVN Div
E | Vi Thanh 221st RAC | 1st ARVN Div, 2nd ARVN Div, 3rd ARVN Div
F | Soc Trang 221st RAC | 1st ARVN Div, 2nd ARVN Div, 3rd ARVN Div
G | Vinh Long 199th RAC | Vinh Long, 9th ARVN Div, 10th ARVN Div, 11th ARVN Div
H | My Tho 199th RAC | 9th ARVN Div, 10th ARVN Div, 11th ARVN Div
I | Go Cong 199th RAC | Go Cong, Chau Doc, Kien Phong
J | Ben Tre 199th RAC | Kien Hoa, An Giang
K | Long Xuyen 199th RAC | Kien Hoa, An Giang
L | Chi Lang 199th RAC | Chau Doc, Kien Phong
M | Can Lanh 199th RAC | Kien Hoa, Kien Phong
N | Moc Hoa 199th RAC | Kien Hoa, Kien Phong
O | Tra Vinh 199th RAC | Vinh Binh

Incl 3
Operational Report - Lessons Learned, 307th Combat Aviation Battalion (U)

Experiences of unit engaged in countering insurgency operations, 1 May - 31 Jul 68

CO, 307th Combat Aviation Battalion

<table>
<thead>
<tr>
<th>REPORT TITLE</th>
<th>15 August 1968</th>
<th>17</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTRACT OR GRANT NO.</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>PROJECT NO.</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>DISTRIBUTION STATEMENT</td>
<td>OACSFOR, DA, Washington, D.C. 20310</td>
<td></td>
</tr>
<tr>
<td>SUPPLEMENTARY NOTES</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>SPONSORING MILITARY ACTIVITY</td>
<td>OACSFOR, DA, Washington, D.C. 20310</td>
<td></td>
</tr>
</tbody>
</table>
The following items are recommended for inclusion in the Lessons Learned Index:

**ITEM 1**

<table>
<thead>
<tr>
<th>SUBJECT TITLE</th>
<th>FOR OT RD #</th>
<th>PAGE #</th>
</tr>
</thead>
</table>

**ITEM 2**

<table>
<thead>
<tr>
<th>SUBJECT TITLE</th>
<th>FOR OT RD #</th>
<th>PAGE #</th>
</tr>
</thead>
</table>

**ITEM 3**

<table>
<thead>
<tr>
<th>SUBJECT TITLE</th>
<th>FOR OT RD #</th>
<th>PAGE #</th>
</tr>
</thead>
</table>

**ITEM 4**

<table>
<thead>
<tr>
<th>SUBJECT TITLE</th>
<th>FOR OT RD #</th>
<th>PAGE #</th>
</tr>
</thead>
</table>

**ITEM 5**

<table>
<thead>
<tr>
<th>SUBJECT TITLE</th>
<th>FOR OT RD #</th>
<th>PAGE #</th>
</tr>
</thead>
</table>

* Subject Title: A short (one sentence or phrase) description of the item of interest.

** FOR OT RD #: Appears in the Reply Reference line of the Letter of Transmittal. This number must be accurately stated.

***Page #: That page on which the item of interest is located.