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IN REPLY REFER TO

AGDA (H) (26 Nov 69) FOR OT UT 693212 5 December 1969

SUBJECT: Operational Report - Lessons Learned, Headquarters, 101st
Airborne Division Artillery, Period Ending 31 July 1969 (U)

1. Subject report is forwarded for review and evaluation in accordance
with paragraph 4b, AR 535-15. Evaluations and corrective actions should
be reported to ACSFOR C -", Operational Reports Branch, within 90 days
of receipt of covering letter.

2. Information contained in this report is provided to insure appropriate
benefits in the future from lessons learned during current operations and
may be adapted for use in developing training material.

KENNETH G. WICKHAM
Major General, USA
The Adjutant General

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DEPARTMENT OF THE ARMY
HEADQUARTERS 101ST AIRBORNE DIVISION ARTILLERY
APO San Francisco 96383

9 August 1969

Operational Report - Lessons Learned
May 1969 - 31 July 1969

Restricted

Section 1. Operations, Significant Activities:


On 1 May 1969 the 101st Airborne Division Artillery was deployed as follows:

101st Airborne Division Artillery Task Organization as follows:

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<tr>
<th>SGT</th>
<th>LOCATION</th>
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<th>MISSION</th>
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| 101st Arty
| 1st Bty | Camp Evans     | YD541318   | DS 3d Bde|
|         | FSB Blaze      | YD537023   |           |
|         | FSB Borchtsagadan | YD435011  |           |
|         | FSB Rakkasan   | YD468195   |           |
|         | (50cm 1002)    |            |           |
| 129th Arty
| 1st Bty | Camp Eagle     | YD614153   | DS 1st Bde|
|         | FSB Los Banos  | AT832999   |           |
|         | FSB Roy        | ZD57028    |           |
|         | FSB Pistol     | X0902902   |           |
|         | (105cm 1002)   |            |           |

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<td>YC688777</td>
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<td>FSB Whip</td>
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<td>YD873123</td>
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<td>YD814153</td>
<td>GS, 101st Abn Div</td>
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<td>Btry C</td>
<td>Camp Eagles</td>
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<td>FSB Berchesgaden</td>
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<td>Btry A</td>
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<td>Phu Bai</td>
<td>YD884127</td>
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<tr>
<td>Btry C</td>
<td>LZ Sam</td>
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<td>FSB Roy</td>
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<td>YD541318</td>
<td>GS XXIV Corps</td>
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<td>YD829150</td>
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<td>(8in SP ML10)</td>
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<td>Btry D, 1st Bn, 44th Arty</td>
<td>Phu Bai</td>
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<td>(40mm ML22A1)</td>
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**Inclusion:**

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UNIT LOCATION GRID MISSION
See Btry C, 65th Arty Phu Bai YD872150 GS XXIV Corps

See Btry G, 29th Arty Phu Bai YD872150 GS XXIV Corps

(c) Btry D, 2d Bn, 320th Arty continued to be attached to the 3d Bn, 506th, Phan Theit, RVN. Additional fire support bases used during the reporting period include:

FSB Birmingham YD702102 FSB Zon (ARVN) YD472011
FSB Airborne YD355071 FSB Geronimo YD691202
FSB Rakkasan YD48195 FSB Cannon YD478029
FSB Currahee YC389849 FSB Tomahawk ZD117014
FSB Pist YC666836 FSB Thor YD664835
FSB Nuts YD757854 FSB Carroll YD348193
FSB Nancy (ARVN) YD239395 FSB Brick YC829955
FSB Bradley (ARVN) YL4373123 PK 17 (ARVN) YD647284
FSB Tiger (ARVN) YL251088 FSB Quick I YD906029
FSB Eagle's Nest YD405036 FSB Sledge 2C059928

(d) On 1 May 1969, the Division was continuing operation KENTUCKY JUMPER.

(1) 1 May: Div Arty continued support of operation KENTUCKY JUMPER, MASSACHUSETTS STRIKER and BRISTOL BOOTS.

(2) 6 May: Btry A, 1st Bn, 321st Arty moved by air to FSB SHIELD (YC744644) from FSB BIRMINGHAM (YD702102) to support Operation KENTUCKY JUMPER.

(3) 5 May: Btry B, 2d Bn, 11th Arty moved three (3) howitzers by air from FSB WHIP (YC688878) to FSB BIRMINGHAM (YD702102) to support Operation KENTUCKY JUMPER.

(4) 6 May: Btry B, 2d Bn, 320th Arty moved by air from FSB ROY (ZD057028) to FSB PILOT (YC866836) to support Operation BRISTOL BOOTS. Btry B, 12th Arvn Arty moved by air from FSB PILOT (YC902902) to FSB PILOT to support Operation BRISTOL BOOTS. Btry A, 1st Bn, 321st Arty moved by road from FSB BIRMINGHAM (YD702102) to FSB ROY (ZD057028) to support Operation KENTUCKY JUMPER. Btry C, 2d Bn, 320th Arty moved by air from FSB PILOT (YC902902) to FSB PIKE (YD666747) to support Operation BRISTOL BOOTS. Div Arty TS-2 Radar unit moved by air from FSB PIANTHER II (YD995106) to FSB SABER (YD697187). The Div Arty C&C aircraft (DNI-6) experienced tail rotor failure and crashed at grid YD708940, results: Div Arty CO, Pilot and one passenger slightly shaken, aircraft sustained major damage.

(5) 7 May: Btry A, 1st Bn, 321st Arty moved four (4) howitzers by road from FSB ROY (ZD059032) to FSB BIRMINGHAM (YD702102) to support Operation KENTUCKY JUMPER. Btry B, 1st Bn, 321st Arty moved by air from FSB WHIP (YC688878) to FSB BIRMINGHAM (YD702102) to support Operation KENTUCKY JUMPER.
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SUBJECT: Operational Report - Lessons Learned, 1 May 1969 - 31 July 1969

ROY (YD059032) to support Operation KENTUCKY JUMPER. Btry A, 2d Bn, 320th Arty moved by air from FSB LOS BANOS (AT832998) to FSB THOR (YC664835) to support Operation BRISTOL BOOTS. Btry A, 6th Bn, 33rd Arty moved by air from FSB THOR (YC664835) to FSB LOS BANOS (AT832998) to support Operation KENTUCKY JUMPER.

1st Bn, 321st Arty forward CP moved by air from FSB WHIP (YC590878) to FSB SALLY (YD639271). LTC Fulwyer assumed command of the 2d Bn, 319th Arty from LTC HALLILL. Btry C, 4th Bn, 77th Arty credited with 1 VC killed, mission fired on grid YD358075.

(6) 8 May: UH-1 aircraft hit a 105mm howitzer belonging to Btry C, 2d Bn, 319th Arty at FSB AIRBORNE (YD355071), one (1) Wounded (minor), aircraft sustained moderate damage, howitzer sustained minor damage (repaired & operational). Btry C, 2d Bn, 319th Arty moved six (6) of its organic howitzers by air from FSB RAKKASAN (YD488195) to FSB AIRBORNE (YD355071) to support Operation APACHE SHOW. Two (2) howitzers of Btry B, 2d Bn, 319th Arty were moved by air from FSB BERCHTESGADEN (YD435011) to FSB AIRBORNE (YD355071) giving Btry C, 2d Bn, 319th Arty eight (8) howitzers to support upcoming operation. Btry C, 2d Bn, 11th Arty moved three (3) howitzers by air from FSB EVANS (YD541318) to FSB AIRBORNE (YD355071) to support upcoming operation.

(7) 9 May: Btry A, 2d Bn, 319th Arty moved by air from FSB BLAZE (YD536020) to FSB CURRAHEE (YD358075) to support Operation APACHE SHOW. Btry B, 2d Bn, 11th Arty moved by air from FSB FIST (YC866836) to FSB NUTS (YD757854) to support Operation BRISTOL BOOTS. Btry D, 2d Bn, 320th Arty moved by air from FSB FIST (YC866836) to FSB NUTS (YD757854) to support Operation BRISTOL BOOTS. Btry B, 34th Arty (ARVN) moved by air from FSB NANCY (YD355071) to FSB BUDLLEY (YD753123) to support Operation APACHE SHOW. Btry B, 2d Bn, 11th Arty moved three (3) howitzers by air from FSB BIRMINGHAM (YD704101) and Btry C, 2d Bn, 11th Arty moved one howitzer by air from FSB BERCHTESGADEN (YD435011) to FSB CURRAHEE (YD358075) to support Operation APACHE SHOW.

(8) 10 May: Btry A, 11th Arty moved by air from FSB NANCY (YD435011) to FSB CURRAHEE (YD358075) to support Operation APACHE SHOW. Btry B, 2d Bn, 11th Arty moved one howitzer by air from FSB LSH (YD7536020) to FSB CURRAHEE (YD358075) to support Operation APACHE SHOW. Btry D, 2d Bn, 319th Arty moved its CP by air from Camp EVANS (YD541318) to a forward location at FSB EAGLE'S NEST (YD450356) to support Operation APACHE SHOW. Operation APACHE SHOW became effective 0001 hours.

(9) 10 May: Battery A, 1st Bn, 321st Arty moved by air from FSB BIRMINGHAM (YD704101) to FSB RAKKASAN (YD490198) to support Operation KENTUCKY JUMPER. Btry A, 34th Arty (ARVN) moved by air from FSB ZON (YD720118) to FSB GERONIMO (YD691021) to support Operation KENTUCKY JUMPER. DIVARTY METRO STATION moved by air from FSB BLAZE (YD536020) to FSB CURRAHEE (YD358075) to support Arty units supporting Operation APACHE SHOW.

(10) 12 May: 2d Bn, 319th Arty reported FSB EVANS (YD541318) received 5-122mm rockets at approximately 2330 hours. Results: 4 US WH, 1 US Civ WH, probable damage to airdraft parked near perimeter, Arty including ANI engaged suspect.
9 August 1969

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Grid Ya63243 and Yd552357. Btry E, 6th Bn, 333d Arty reported a round in a 106mm how (MI011A) at FSD PANTHER II (YD795606) exploded while personnel were attempting to eject round with ejector. Results: 4 US injured. 1st Bn, 333d Arty reported FSD DASTOGNE (YD681098) received approximately 46 RPG and 74 small arms hits on parapets detonating section of wall. 35 US rounds direct hits on parapets from sniper fire, RPG's and fragments from explosion of 175 rounds. 16 US RPG. 4th Bn, 77th Arty reported 1 UH-1C aircraft developed engine failure at grid YD521099. Results: aircraft forced down no damage, no casualties, crew extracted. Ground troops secured aircraft overnight, aircraft to be extracted tomorrow.

(1) 13 May: 2d Bn, 11th Arty reported FSD AIRBORNE under ground attack at 0515 hrs 106mm RPG, assorted charges and small arms. Defensive targets were fired from FSD CANNON (Btry B, 2d Bn, 11th Arty; Btry A, 2d Bn, 319th Arty; Btry A, 3d Bn, 83d Arty) FSD DULEY (Btry B, 3d Bn, 319th Arty; Btry C, 2d Bn, 11th Arty), and FSD SEDDON (Btry A, 11th Arty). Attack stopped at 0515. Results: 22 US KIA, 14 US WIA, 2 US WIA, 32 VC KIA, 17 individual weapons and 1 crew served weapon captured. US weapons damaged: 4x105mm and 1x155mm howitzer. Breakdown by unit: Btry C, 2d Bn, 319th Arty 13 KIA, 29 WIA - Co E, 2d Bn, 501st Inf-7 KIA, 17 WIA - Co E, 2d Bn, 502d Inf-25 KIA, 9 WIA, 2 MIA. Btry C, 2d Bn, 138th Arty moved by road from FSB FIST (YD668836) to FSB TOMAHAWK (YD17014) to support Operation KENTUCK JUMPER. Btry's A & C, 2d Bn, 320th Arty moved 1 howitzer each by air from FSB BASTOGNE (YD668836) to FSB BIRMINGHAM (YD704101) to support Operation KENTUCK JUMPER. 1st Bn, 82d Arty METRO STATION moved by road from FSB FIST (YD668836) to FSB ROY (YD590320). Div Arty TPS-25 moved from FSB SADLER (YD97187) to FSB TOMAHAWK (YD17014). 2d Bn, 320th Arty moved 3d FDC by air from Camp EAGLE (YD814153) to FSB NUTS (YD757854) to control organic and attached units in Operation KENTUCK JUMPER.

(2) 14 May: Btry C, 1st Bn, 83d Arty moved by road from FSB BASTOGNE (YD682058) to FSB BIRMINGHAM (YD704101) to support Operation APACHE SNOW. Btry A, 1st Bn, 121st Arty moved by road from FSB BASTOGNE to FSB BIRMINGHAM (YD704101) to support Operation APACHE SNOW. 1st Bn, 321st Arty moved int MPQ-4 by air from FSD FIST (YD668836) to FSB SALLY (YD592747) to support 101st Abn units in AMERICAN DIVISION. 2d Bn, 11th Arty (MIA) moved six (6) AH-1G aircraft to FSB NUTS to support 101st Abn units in AMERICAN DIVISION. Btry A, 4th Bn, 77th Arty (MIA) moved six (6) AH-1G aircraft to FSB NUTS to support 101st Abn units in AMERICAN DIVISION. 2d Bn, 320th Arty moved its FDC and Forward CP by air from FSB NUTS (YD757854) to Camp EAGLE (YD814153) in preparation for move to TAM KY to control organic firing batteries supporting
operations in the AMERICAN DIVISION.

(16) 16 May: Btry C, 1st bn, 319th Arty, 2d Dn, was fired on by air over NANG. No casualties. Btry C, 2d Dn, reported FSD THOR (YD64014) to support Operation KINTUCK. Btry C, 2d Dn, moved remaining 2 howitzers by air from FSD TOMAHAWK (YD536071) to support Operation KINTUCK.

(17) 18 May: 1st Dn, 321st Arty, 319th Arty, and Btry C, 1st Dn, 83d Arty fired 3x60mm mortar rounds. Results: 1x60mm mortar round landed in suspected launch site. Div Arty moved remaining 2 howitzers by air from FSD TOMAHAWK (YD536071) to support Operation KINTUCK.

(18) 20 May: 2d Dn, 319th Arty reported Range 32 (YD536071) received unknown number of 122mm mortar rounds. Results: No casualties or damage. Div Arty and Btry C, 2d Dn, 319th Arty fired 1x60mm mortar and Illuminations rounds into Specified strike zone to support Operation KINTUCK.

(19) 21 May: 2d Dn, 319th Arty reported Range 32 (YD536071) received 5x60mm mortar rounds. Results: Casualties, no damage. Div Arty, Btry C, 2d Dn, 319th Arty fired 3x60mm mortar rounds into Specified strike zone to support Operation KINTUCK.

(20) 22 May: Btry C, 2d Dn, 319th Arty fired 1x60mm mortar on FSD BLAISE to support Operation KINTUCK.

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9 August 1969

Operational Report - Lessons Learned

1 May 1969 - 31 July 1969

318th Arty, fired a mission, Grid YC30L59907, Results: 6 NVA killed by artillery.

(21) 20 May: 2d Bn, 11th Arty reported FSB AIRBORNE (YD550971) received approximately 4,000m mortar rounds. Results: No casualties, no damage. 2d Bn, 11th Arty reported FSB CULBERT (YC398979) received 6x122mm rockets. Results: No casualties, no damage. Btry A-B, 2d Bn, 319th Arty; Btry B, 2d Bn, 11th Arty; Btry 1, 1st Bn, 83d Arty; and 4th Bn, 77th Arty engaged suspected launch site. 2d Bn, 319th Arty reported an artillery incident at grid YC325000; 51 personnel wounded by Btry C, 4th Bn, 77th Arty (ARA). Personnel of 1st Bn, 50th Inf which Btry C, 4th Bn, 77th Arty (ARA) was providing indirect support. Btry C, 1st Bn, 321st Arty moved by air from FSB THOR (YD315129) to FSB BASTOGNE (YD230398) to support Operation KENTUCKY JUMPER. Btry B, 13th Arty (ARVN) moved by air from FSB NUTS (YC757854) to FSB SABER (YD231037) to support Operation KENTUCKY JUMPER. FSB THOR and FSB NUTS was officially closed. Btry B, 4th Bn, 77th Arty credited with 1 VC killed, and 5 huts destroyed.

(22) 24 May: 2d Bn, 11th Arty reported FSB AIRBORNE (YD355071) received 12x60mm mortar rounds. Results: No casualties, no damage. Infantry mortars fired counter mortar missions at suspected launch site. Btry A-B, 2d Bn, 320th Arty credited with 5 VC killed, mission fired in TAN KY area.

(23) 25 May: 2d Bn, 319th Arty moved it MPQ-4 Radar by air from FSB EVANS (YD131518) to FSB CARRABEE (YC989990) to support Operation APACHE SNOW.

(24) 26 May: 2d Bn, 320th Arty reported Arty incident: probable firing at wrong charge while supporting 1st Bn, 501st Inf in vic TAN KY. Results: Casualties, not serious. Btry K, 4th Bn, 77th Arty killed 2 VC and damaged 2 huts and 2 bunkers.

(25) 27 May: 2d Bn, 319th Arty reported FSB AIRBORNE (YD355071) received 8x82mm mortar rounds. Results: 4 US KHA, 1 US MHA, 2 US WHA (MEDEVAC).

Another mortar was fired by Btry C, 2d Bn, 319th Arty at FSB AIRBORNE (YD355071). 2d Bn, 320th Arty received 8-9x122mm rockets (one dud was located). Results: No casualties, no damage. One ARA section, 4th Bn, 77th Arty, on station, 14 mortar units fired cleared counter mortar and counter rocket plans.

(26) 28 May: 2d Bn, 319th Arty reported FSB BRADLEY (YD271223) received 6x25 unknown caliber RPG rounds. Results: 22 NVA KLA; 7 AK-47s and 1 pistol captured. 5 US WHA, 13 ARVN KHA, 22 ARVN WHA, 1 ARVN MHA. Btry C, 2d Bn, 319th Arty and Btry C, 2d Bn, 11th Arty fired supporting fires.

(27) 29 May: 2d Bn, 11th Arty reported FSB CARRABEE (YC398949) received four (4) 122mm rockets. Results: No damage or casualties. Btry B, 2d Bn, 11th Arty and 4th Bn, 77th Arty (ARA) engaged suspect location. 2d Bn, 319th
Arty reported Arty incident. Btry C, 319th Arty, fired on suspect location, results: Unknown. 1st Bn, 41st Arty, fired on suspect location, results: Unknown. 2d Bn, 41st Arty, fired on suspect location, results: Unknown. 319th Arty fired on suspect location, results: Unknown.

(28) 30 May: All Division artillery ceased offensive actions in observance of Pentecost. Arty reported FSB BATTLEHAWK received 12-15 unknown caliber mortar rounds, 4x2 10mm mortars, 4x2 twin 40mm (Dusters) and Btry A, 319th Arty fired on suspect location. Defensive targets were fired for 15 minutes. Artillery ceased offensive action for proper clearance due to Cease Fire.

(29) 31 May: Cease Fire in observance of Pentecost, all artillery ceased offensive action. Div Arty immediately began H&I fires. Message from Div arty to all in C. No LZ's will be declared green prior to 15 minutes after H-Hour. JHA will begin setting up on station and tube artillery will be prepared to fire H&I's within five minutes of any insertion is completed and LZ is green, but in no case will this happen prior to H-Hour plus 15 minutes.

(30) 1 June: 1st Bn, 319th Arty reported FSB BATTLEHAWK received 20 mortar rounds, at FSB SALLY (YDD55271). 6th Bn, 321st Arty, and 3rd Bn, 320th Arty fired on suspect location, results: Unknown. 2d Bn, 321st Arty, fired on suspect location, results: Unknown. 2d Bn, 319th Arty were killed by an incoming mortar round while serving in a FOB party with 319th Arty. 321st Arty reported FSB TIGER (YD251088) received 122mm rockets on 10mm and 15mm. Results: No casualties or damage. Air and missile threats on suspect location. PHU BAI received 8x2.2mm rockets, Results: Unknown. 101st Air Stn was dispatched. Counter mortar and prior to setting up on station due to fire John.

(31) 2 June: 1st Bn, 321st Arty reported FSB BATTLEHAWK (YDD46232) received 20 mortar rounds, results: No casualties or damage. Suspect location was hit with 10mm and 12mm. No artillery fired. Btry C, 320th Arty, and Btry B, 321st Arty, received fire support from FSB SALLY (YDD55271) to conduct H&I's. 2d Bn, 319th Arty reported FSB KENTUCKY JUMPER, Btry C, 321st Arty, fired on suspect location, results: Unknown. Divarty Co, departed on emergency location, unknown destination.

(32) 3 June: 2d Bn, 319th Arty reported FSB BATTLEHAWK (YDD46232) received 122mm rockets, one at 1450 hrs. one at 1500 hrs., one at 1600 hrs. Results: No casualties, no damage. 1st Bn, 101st Arty Visited the DIV ARMY TOC and was briefed by the Acting DIV ARMY CO (LTC Janson) and staff.

(33) 5 June: 1st Bn, 321st Arty reported FSB BATTLEHAWK (YDD17031) and fired XTC HAWK (YDD17031) fired 8x 140mm rounds in support.

(34) 7 June: Operationji STRIKE 25K6 commenced.
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III. Inland, I-15 was reported FSB CURRWE (YD39G9) received counter rocket and ground attack. Hotel and Golf sectors received RPG's and small arms. Results: No casualties; one 20mm tank destroyed. DIV ARTY fired counterbattery plans. 6/RK, 6th BN, 77th Arty, dispatched and Flare/Gun ships were employed in Hotel sector and area of FSB PANTHER II (YD77T09). PHC HN (YB3813) reported it received four 122mm rockets. Hotel Btry: 1 generator, 1/ton truck moderate damage, two 5 ton truck slight damage, one generator slight damage. Counterrocket plan (DIV ARTY) 2d BN, 319th Arty reported FSB CURRWE (YD39G9) received 1x82mm round and 7x122mm rockets. Results: 1 US WHA. Btry A, 2d BN, 319th Arty; Btry B, 2d BN, 319th Arty; Btry C, 2d BN, 319th Arty; Btry D, 2d BN, 319th Arty; and 1st BN, 77th Arty (2x47) fired counter rocket mortar and direct fire.

IV. 10 June: Camp EAGLE received a rocket and ground attack. Hotel and Golf sectors received RPG's and small arms. Results: No casualties; one 20mm tank destroyed. DIV ARTY fired counterbattery plans. 6/RK, 6th BN, 77th Arty, dispatched and Flare/Gun ships were employed in Hotel sector and area of FSB PANTHER II (YD77T09). PHC HN (YB3813) reported it received four 122mm rockets. Hotel Btry: 1 generator, 1/ton truck moderate damage, two 5 ton truck slight damage, one generator slight damage. Counterrocket plan (DIV ARTY) 2d BN, 319th Arty reported FSB CURRWE (YD39G9) received 1x82mm round and 7x122mm rockets. Results: 1 US WHA. Btry A, 2d BN, 319th Arty; Btry B, 2d BN, 319th Arty; Btry C, 2d BN, 319th Arty; Btry D, 2d BN, 319th Arty; and 1st BN, 77th Arty (2x47) fired counter rocket mortar and direct fire.

V. 13 June: Btry C, 2d BN, 319th Arty moved by road from FSB BOSTONE (YD66209) to FSB TIRMINGHAM (YD14101) to support Operation KENTUCKY JUMPER.

VI. 14 June: Btry A, 2d BN, 319th Arty moved 1 Gun by road from FSB BOSTONE (YD66209) to FSB TIRMINGHAM (YD14101) to support Operation KENTUCKY JUMPER.

VII. 14 June: Btry C, 2d BN, 1st Arty reported FSB BECHTESGAEDEN (YD42403) received RPG, small arms, and a ground attack by an estimated 75-100 NVA sappers. The attack came from NW, W, and S. Results: Enemy 30 NVA KIA (20 located inside perimeter), 3 NVA WHA PW's, captured 8 RPG's, 2 launchers, 8 AK-47's, miscellaneous medical supplies, 27 RPG rounds, 80 satchel charges. 11 US KIA, 47 WHA. 2d BN, 319th Arty reported FSB BECHTESGAEDEN (YD42403)

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received 4x122mm rockets. Results: 1 US KIA, 8 US WIA. 2d Bn, 11th Arty (2 tubes) conducted, in conjunction with 2d Bn, 17th Cav, an Artillery bombardment on FSB BRICK (XO5909). 2d Bn, 11th Arty (2 tubes) moved by air from FSB BEAUCOME (XW2003) to FSB BRICK and returned to FSB BEAUCOME. A total of 12 targets were fired expending 443 rounds. (Special Intel Tgt): 30 rounds fired in defense of FSB CUREHHE (YX3989). Results: 19 NVA killed by artillery.


(2) 16 June: 6th Bn, 33d Arty reported PHU 1913 (YB3613) received unknown number of 122mm rockets. Results: No casualties. Damage: 1 rocket hit PX building. Special Intel Tgt: Btry C, 1st Bn, 83d Arty fired on 6 targets expending 24 HE rounds. Results: 12 bunkers destroyed and 8 bunkers damaged.

(3) 17 June: 2d Bn, 319th Arty reported FSB CURASHHE (YX3989) received 506mm and 82mm incoming mortar rounds. Results: Enemy unknown. Friendly: Btry A, 2d Bn, 319th Arty; 10 US WIA (8 MEDEVAC); Btry B, 2d Bn, 11th Arty; 1 US WIA. Damage: 1 howitzer (155mm) - Btry B, 2d Bn, 11th Arty, direct hit, heavy damage.

(4) 19 June: 138th Arty reported FSB's TOLWALK (ZD1704), box (ZD59032) and LOS BANOS (LT32998) and District Headquarters at PHU LOC received approximately 175-190 60mm and 82mm mortar rounds, unknown number of RPG rounds, small arms fire and satchel charges. Results: Enemy: 10 NVA KIA. Friendly: Btry C, 2d Bn, 138th Arty; 6 US WIA, 22 WIA; Btry B, 1st Bn, 83d Arty; 6 WIA. Damage: Btry C, 2d Bn, 138th Arty 3-155mm howitzers SF moderate damage, 1-K777 (FDC) light damage, 9 vehicles light damage. Camp EAGLE (XBO2443) received 1x122mm rocket in 404 sector (426th Sd En Camp II & IV storage area). Results: No casualties, light damage to storage area. One M12 40mm of Btry C, 1st Bn, 14th Arty moved by road from FSB BOX (ZD 05992) to FSB CURASHHE (YX3989) to support Operation MONTGOMERY RENDEZVOUS.

(5) 21 June: Btry A, 83d Arty moved by road from FSB CANNON (XW70029) to FSB BLAZE (YD36020) to support Operation KENTUCKY JUMPER.

(6) 22 June: Btry A, 12th Arty ARVN moved by air from FSB CURASHHE (YX3989) to FSB 17 (YS47285) to support Operation KENTUCKY JUMPER. Btry B, 2d Bn, 320th Arty moved by road from FSB BLAZE (YD36020) to FSB BASTOME (YD22092) to continue support of Operation KENTUCKY JUMPER.
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Final Report - Lessons Learned 1 May 1969 - 31 July 1969

30 June: 1st Btry A, 2d In, 13th Arty moved by road from FSU BIRMINGHAM to USD (XY 3997) in support of Operation KENTUCKY.

2 July: 1st Btry A, 2d In, 77th Arty received 15-20 RPG rounds. Results: no damage; 1 US WIA. Number 567 main rotor - light damage. Operation TENNESSEE PRIDE became effective for 2d Bde 0600 hours.

23 June: FSU BIRMINGHAM (XY 24012) received 5x122mm rockets, no damage; 1 US WIA. Btry B, 2d In, 319th Arty; Btry A, 2d In, 319th Arty; Btry C, 2d In, 11th Arty and Btry D, 2d In, 11th Arty fired at suspect location YD50990. LTC Louis C. Friedersdorf assumed command 2d In, 11th Arty.

22 June: PHU BAI (XY 81181) received 1x122mm rocket. Dong Ba Training area received 2x122mm rockets. Results: No damage; 1 US WIA. Btry D, 2d In, 13th Arty and Btry D, 6th In, 33d Arty fired sector and counter rocket plume. Btry B, 2d In, 13th Arty and Btry D, 33d Arty fired at suspect grids YD845097 and YD845095.

21 June: 1st Btry A, 11th Arty (ARN 105cm) moved by air from FSD CAROL (YD 39395) to FSD NANCY (YD 35395). Unit is no longer in 101st Abn Div AO. Btry A, 2d In, 138th Arty moved by road from PHU BAI (XY 81181) to FSD TOMAHAWK (YD 17014) and Btry A, 2d In, 138th Arty moved by road from FSD TOMAHAWK (YD 17014) to FSD-level (XY 81181) to continue support of Operation KENTUCKY JUMPER.

29 June: LTC Thomas H. Spence assumed command of the 4th In, 77th Arty.

1 July: 2d In, 319th Arty reported LZ BROWN (YD 43967) received two unannounced mortar rounds. Both landed outside perimeter, no casualties; no damage. Btry B, 2d In, 319th Arty fired 12 HE, 8 WP at suspect mortar location, 1000 meter NS of perimeter. No activity J5 cancelled first and last light reconnaissance missions further notice.

2 July: Btry A, 2d In, 138th Arty moved by road from FSD BUSHINGHAM (YD 70331). Operation TENNESSEE PRIDE terminated.

4 July: FSU SALLY (YD 40271) received 2 rounds of small arms fire 100 meters NS of the perimeter. Flare ship called on station. Infantry moved to sweep of the area with negative results. No arty fired. Btry C directed all units maintain Orange Alert until 0400 Jul.

5 July: FSU SALLY (YD 40271) received 2x122mm rockets. Both landed outside perimeter, no casualties, no damage. Btry A, 1st In, 40th Arty fired 6x122 at suspect launch site, Grid YD51525. One (1) howitzer of Btry A, 1st In, 83d Arty conducted an Arty Raid to fire on special intelli targets of oppo-

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S U B J E C T: Operational Report - Laos Area

Summary

In the western portion of the 3d Line area, the 1st Battery of the 33d Artillery was fired from 77th Arty (IXD 36020) to P.S. Caswell (IXD 36020). The battery engaged targets, expending 59 rounds. Btry C, 1st Battery participated in the arty raid firing from P.S. BLAZE expending 56 rounds. Results: 5 bunkers destroyed and 2 bunkers intact. Btry D, 1st Battery moved from P.S. Caswell to FSB Bastogne to support Operation HICKORY.

(57) 7 July: Btry A, 1st Battery fired 133 rounds from FSB BLAZE (IXD 36020) to FSB Caswell (IXD 36020). The battery fired counter mortar and counter rocket plans. FSBs Caswell (IXD 36020) received 37 mortar rounds. Nine rounds hit FSB CURIEUSE (IXD 36020). No casualties. Two ml rounds plotted weapons at 157th Arty, 2d Battery, 33d Artillery.

Friendly: no casualties or damage. Artillery (IXD 36020) was conducted by Btry C, 2d Battery, 319th Artillery with 3 tubes. 11th Arty with tube moving from FSB CURIEUSE (IXD 36020) by 321st Artillery. Two enemy hit Btry A, 2d Battery, 319th Artillery on special intell targets. Artillery raid (IXD 36020) conducted by Btry C, 1st Battery in the area including 157th Arty (IXD 36020). Btry C, 1st Battery moved 5 tubes by air from FSB CASWELL (IXD 36020) to FSB BLAZE (IXD 36020). Btry C, 1st Battery received 130 HE at special intell targets. The USS HEREDITH (IXD 36020) reported 222 shells at special intell targets in the following 157th Arty (IXD 36020), 319th Arty (IXD 36020), and 251st Arty (IXD 36020). Two bunkers destroyed, 11 mortar rounds received by 1st Battery, 33d Arty.

Btry C, 2d Battery, 319th Artillery credited with 222 unreported Grid YO 869.

(58) 8 July: Btry A, 1st Battery, 321st Artillery arrived at FSB Caswell (IXD 36020). Btry A, 1st Battery, 321st Artillery moved to P.S. Caswell (IXD 36020) to support Operation JUMPER.

(59) 9 July: Btry B, 2d Battery, 320th Artillery moved by road from FSB Bastogne (IXD 36020) to FSB BLAZE (IXD 36020) and changed from OP 1st Battery, 321st Artillery to OP 2d Battery, 319th Artillery to support Operation HICKORY.

(60) 11 July: Btry A, 1st Battery, 33d Arty received 14x122mm rockets. 13th Arty: Btry C, 320th Artillery, 33d Arty.

13th Arty: Btry D, 320th Artillery, 33d Arty.

33d Arty and 4th Battery, 77th Arty fired counter mortar and counter rocket plans in defense of Dong Da Training Center.

(61) 21 July: 1st Arty Advisor reported.

Results: No casualties, no damage. Btry C, 1st Battery, 321st Artillery.
13th Arty; Btry E, 6th Bn, 33rd Arty; Btry D, 2d Bn, 94th Arty and 4th Bn, 77th Arty fired counter mortar and counter rocket targets in defense of HUE.

(62) 13 July: Btry A, 377th Arty reported LGH received ground fire at grid YD360980, altitude 400 feet. No damage.

(63) 14 July: 2d Bn, 11th Arty reported PPC D.R. Shuck, at FSB BERTHEAUX (YD524212), removed fuse from projectile, the fuse then exploded in his left hand. Fuse lot #W-1408-A is being checked to see if defective.

(64) 15 July: FO team with 1st BN, 3d ARVN reported received mortar fire at 1335 hrs, grid YC334927. Results: 1 US KIA, 3 US WIA, Btry A, 2d Bn, 319th Arty reported VR ship down vic YC3596. FO Lt. Middleton wounded in arm. Extensive damage to aircraft from 20x447 rounds. Btry E, 12th Arty (105mm ARVN) moved from FSB SABER (YD367187) to FSB SABER (YD536992) to support Operation CAMPBELL STREAMER.

(65) 16 July: Btry A, 1st BN, 321st Arty moved by road from Camp EVANS (YD541118) to ROCK CRUSHER (YD513012) and by air to FSB SABER (YD536992) to support Operation CAMPBELL STREAMER. Btry A, 1st BN, 321st Arty conducted an Artillery (Caisson XXXI) firing into targets and recon by fire missions in the western portion of the 3d Bde AO. The unit moved two howitzers by road from FSB BLAZE (YD536020) to FSB CANNON (YD478029), fired on 10 targets, expended 78 HE rounds and returned to FSB BLAZE (YD536020). TPS-25 Radar moved by air from PANTHER II (YD977109) to Camp EVANS (YD535315) to support Operation KENTUCKY JUMPER.

(66) 17 July: 1st ARVN LNO reported HUE received 32540 rockets. Results: 1 PF KIA, Btry E, 2d Bn, 94th Arty; Btry C, 2d Bn, 13th Arty and Btry B, 6th Bn, 33rd Arty fired in defense of HUE. FSB GERONIMO (YD692020) received ground and mortar attacks. Friendly: 3 ARVN KIA, 2 ARVN WIA. Enemy: 8 VC KIA, 1 FW, 6 LMC, Btry C, 2d Bn, 13th Arty and 4th Bn, 77th Arty fired in support of FSB SABER. 4H-18 from 4th BN, 77th Arty received ground fire during LZ prep at Grid YD3604. Aircraft hit with 4X50 caliber rounds while flying at 600 ft NW.

(67) 18 July: Btry C, 2d Bn, 130th Arty moved from PHU BAI (YD2313) by road to FSB QUICK I (YD560620) for Artillery (Caisson XXXII) and returned to PHU BAI. Fired on 18 targets, expended 325 rounds. NFQ-4 radar moved by air from FSB ROY (YD509320) to FSB CARRIMSE (YD398949) to support Operation MONTGOMERY RENDEZVOUS. Eagle Base Defense conducted Operational Exercise. 14A, 4th BN, 77th Arty, launched within two minutes of notification.

(68) 19 July: FSB UNOC reported HUE received 2x122mm rockets. Results: Impact Grid YD786220, no casualties, no damages. Btry B, 6th Bn, 33rd Arty; Btry C, 2d Bn, 13th Arty; Btry D, 2d Bn, 94th Arty and 4th Bn, 77th Arty fired counter mortar and counter rocket targets and suspect enemy locations in defense of HUE. FSB BIRMINGHAM (YD741101) received 1x122mm mortar rounds; all landed

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outside perimeter; no damages, no casualties. Btry C, 1st Bn, 321st Arty; Btry A, 2d Bn, 138th Arty fired at suspect mortar location(s): YD700000, YD700064, YD690080 and YD690061. PFC Halsey, Btry B, 2d Bn; with Btry C, both on activity, at FSB CURREY (YD290929) picked up a used 2.75 rocket, it exploded, killing him.

(69) 20 July: Btry B, 2d Bn, 320th Arty fired one round in support of Co C, 2d Bn, 137th Inf that wounded one man with a shell fragment in the upper arm.

(70) 21 July: 1st ARVN reported LONG DA Training Center (vic YD2725) received 60mm rockets. Results: Ammunition dump hit and burned, one round destroyed, no casualties. Btry B, 2d Bn, 3rd Arty; Btry A, 2d Bn, 138th Arty; Btry A, 2d Bn, 2d Arty; and 4th Bn, 77th Arty fired counter mortar or counter rocket targets in support of LONG DA.

(71) 23 July: Div Arty VB ship spotted 1x122mm rocket on ground at Grid YD754108. Fired on target with ARAO, 4th Bn, 77th Arty, rocket destroyed.

(72) 24 July: Btry C, 2d Bn, 11th Arty (3 howitzers) moved from FSB AIRBORNE (YD355071) by air to Camp EVANS (YD535315) to support Operation KENTUCKY JUMPER. FO Team (2d Bn, 319th Arty) with Company C, 1st Bn, 327th Infantry, reported receiving incoming mortars, Grid YC 307895. 3 FO party members wounded. RTO was MEDEVAC. Btry A, 2d Bn, 319th Arty expended 56HE in support. Btry C, 2d Bn, 11th Arty (3 tubes) moved by air from FSB AIRBORNE (YD355071) to Camp EVANS (YD535315) to support Operation MONTGOMERY RENDEZVOUS.

(73) 25 July: Btry A, 2d Bn, 11th Arty moved by road from Camp EVANS (YD541318) to ROCK CRUSHER (ZD012018) and by air to FSB SLEDGE (ZC059928) to support Operation CAMPBELL STREAMER. Btry C, 2d Bn, 319th Arty moved by air from FSB AIRBORNE (YD355071) to Camp EVANS (YD535315) to support Operation KENTUCKY JUMPER. A CH-47 dropped a 105mm Howitzer and its "piggy-back" load of ammunition attempting to come out of FSB AIRBORNE (YD355071). Ammunition rolled into trash dump and burned. Howitzer sustained minor damage.

(74) 26 July: FSB AIRBORNE (YD355071) officially closed. NAM HOA and NAM receive incoming rockets, MAN HOA: 16 82mm rockets. Results: 1 tank destroyed, no casualties. HUE: 1x122mm rockets. Results: No casualties, no damage. Btry C, 1st Bn, 321st Arty; Btry A, 2d Bn, 138th Arty; Btry C, 2d Bn, 3d Arty; Btry B, 6th Bn, 3d Arty; Btry A, 2d Bn, 138th Arty and 77th Arty (ARA) fired cleared color plan targets and suspect rocket launch site targets in support of HUE and NAM HOA. During the firing, Btry A, 2d Bn, 138th Arty fired a round (155mm) while tube was still in loading position. Rocket went through a bunker of Btry C, 1st Bn, 321st Arty, also located at FSB BIRMINGHAM (YD702102), destroying the bunker. No explosion, round not located. No casualties.
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(5) 28 July: Stry A, 1st BN, 40th Arty moved by road from FSB SALLY (ID 54846/7) to FSB BIRMINGHAM (ID 754150). LTC Howard S. Banesse assumed command of 40th Arty. LTC Richard H. Whittington assumed duties as 40th Arty 3-5.

(6) 29 July: Stry A, 1st BN, 40th Arty moved from FSB BIRMINGHAM (ID 744150) to FSB BLAZE (ID 536402) by road.

(7) 30 July: Stry A, 1st BN, 40th Arty moved by road from FSB BLAZE (ID 536402) to LZ BROWN (ID 32950) to support Operation MONTGOMERY Rendezvous.

(8) 31 July: 4th BN, 77th Arty, had an engine failure NW of FSB SALLY (ID 548150). Forced landing resulted in no casualties. FSB DESCENTRADE (ID 3,002) received fire on the FSB, no damage to Artillery.

(9) 1 August: Stry A, 1st BN, 40th Arty moved from LZ BROWN (ID 32950) by road to the YC32504 in support of 32nd BN, 1st Arty. Stry C, 1st BN, 321st Arty (C tubes) moved by road from FSB BIRMINGHAM (ID 754150) to Camp EAGLE (ID 582150) to reinforce 1st Aug for General Smith.

4. (C) Organizational Structure. See Inc 1.

5. (D) The following number of days units engaged in:

a. Training 56
b. Troop movement 46
c. Operations 92

6. (E) Summary: US/IVN operations were conducted during the reporting period. These operations and liaison are continually upgrading the operational capability of the 1st ARVN Division Artillery. Currently, Forward Observer teams are being provided the ARVN infantry units to assist in normal artillery missions. In combat, Operations KENTUCK JUMPERS, MONTGOMERY RENDEZVOUS, and CAMPBELL SUSTAIN. US and ARVN artillery are collocated at each of two fire support bases and the ARVN and US battery FDC's are collocated in the same bunker. Also, a Quick Fire channel has been opened between a US battalion and one of the ARVN districts.

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

a. Personnel:

(1) OBSERVATION: That the Aerial Artillery Battalion falls short of the USArmy assignment criteria of 25% experienced aviators per unit.

*Conducted concurrently with combat operations.
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(2) EVALUATION: In the Battalion's role of delivering ordnance against the enemy targets, many times extremely close to friendly elements, expert and flying skill are of paramount importance. While engaged in ordnance delivery, the aircraft must be flown with the utmost precision and the pilot's mind must be alert and devoted to the ever changing tactical situation. If aviators are not experienced, they must devote their minds to flying tasks and as a result, the monitoring of the tactical situation deteriorates. The initial period of training, from arrival until attaining the desired expert level, is characterized by firing incidents and aircraft accidents due to a lack of experienced personnel who fill the cockpits.

(3) RECOMMENDATION: That the input to AH-1G transition courses should include a minimum of 50% experienced pilots. Ideally 100% RVN experienced personnel should attend AH-1G transition courses.

b. Operations:

(1) (a) OBSERVATION: The space provided for an artillery battery on a hilltop fire support base (FSB) often is not sufficient for the positioning of six 155mm howitzers.

(b) EVALUATION: When a howitzer section is left in a rear area due to lack of space on a FSB, the section is not being fully utilized and often is not efficiently supervised. If the personnel are retained on the FSB, their howitzers in the rear, the section integrity and teamwork is lost and the tendency is to distribute the section personnel amongst the other units on the FSB. Additionally, when a howitzer and its section personnel are separated, maintenance of the piece suffers.

(c) RECOMMENDATIONS: That one howitzer section complete (personnel + howitzer) be rotated from the FSB periodically and replaced by the howitzer section located in the rear.

(2) (a) OBSERVATION: On 17 May 1969, 2d Bn, 319th Arty fired chemical shell CS on grid YD326985. All data was computed for an adjustment with HE. When CS was fired the first 2 volleys missed the target completely.

(b) EVALUATION: Due to the difference in lot and weight of projectile (CS and HE) steps listed below should be used. If not, then CS should be used in adjustment and in fire for effect.

(c) RECOMMENDATION: Recommend that when CS is to be used in fire for effect missions and HE is being used in the adjustment, that one check round of CS be fired before fire for effect is called to assure complete accuracy.

(3) (a) OBSERVATION: In some areas there is a lack of natural registration points.
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(b) Evaluation: Due to the canopy, steep terrain, inaccuracy of plotted trails and size of stream intersections, a lack of suitable registration points exists.

(c) Recommendation: That car bodies or some other well defined object be placed in a suitable area, be surveyed in, and be used as registration points. A survey program to establish registration points is being instituted by Division Artillery.

(4) The Mountain Met.

(a) Observation: Utilization of a mountain Met message becomes progressively more important as the difference in height (dh) between the Met station and the battery altitude increases beyond 300 meters.

(b) Evaluation: Table D in the tabular firing tables is based upon the assumption that a standard temperature and density lapse rate exist in the atmosphere. This assumption does not introduce an appreciable error into the gunnery problem until dh becomes greater than 300 meters. If a visual Met station with a capability to measure surface temperature and pressure (density derived) was positioned in mountainous areas, then a correlation could be conducted at the weather station. Consequently a more correct density and temperature could be predicted for the mountainous area. This technique proved very successful at FSB SLEDGE (ZC060925).

(c) Recommendation: That visual Met stations be habitually positioned with artillery units that occupy fire support bases that introduced a dh greater than 300 meters.

(5) Co-locating ARVN and US Fire Direction Centers.

(a) Observation: Co-locating ARVN and US fire direction centers provides centralized control, more flexibility and more responsive artillery fire in an area of operations.

(b) Evaluation: When operating in a large AO it is difficult to maintain centralized control of the artillery available. At the present time the 2d Brigade AO extends approximately 100Km from northwest to southeast. Operation CAMPBELL STREAMER is being conducted in the southern portion of the AO with five infantry battalions (3 US and 2 ARVN). Three 105 batteries (2 US and 1 ARVN) two 155mm batteries and one 8" battery are available to support the operation. With only three close support batteries available to support five battalions, it is necessary to maintain centralized control, yet with such a large AO it is not feasible to displace the Battalion CP. The ARVN 105mm battery and one US 105mm battery were positioned on the same firebase and the battery FDC's were co-located. Control of all artillery available to support the operation was maintained by moving a battalion jump FDC to the firebase. The jump FDC conducted tactical fire directions while the parent
units of the batteries checked firing data. This arrangement has provided responsive artillery of all calibers to all maneuver elements. Both US and ARVN artillery are responsive to either US or ARVN maneuver elements. A major advantage is that all artillery can be adjusted by either US or ARVN forward observers. Although US forward observers are provided to ARVN maneuver elements.

(c) RECOMMENDATION: That US and ARVN FDC's be co-located when possible.

c. Training:

(1) OBSERVATION: The liaison sergeant is often required to take charge of the liaison section and its duties whenever the liaison officer is absent. As such, he is required to know the duties and procedures which are inherent to the task.

(2) EVALUATION: Division Artillery conducts a liaison officer course on an irregular schedule. This course covers the duties of the LNO and is highlighted with live demonstrations.

(3) RECOMMENDATION: That NCO's who are or will be working in liaison sections be given the opportunity to attend the Division Artillery Liaison Officers Course. (This training is being instituted by Division Artillery).

d. Intelligence: None

e. Logistics:

(1) (a) OBSERVATION: That the sensor amplifier of the Stabability Control Augmentation System (SCAS) in the AH-1G attack helicopter created availability problems.

(b) EVALUATION: During this past quarter, the Aerial Artillery has experienced failure of four sensor amplifier units. This required retrograde of the unit to CONUS for repair and return to this Battalion. To date, none of these sensor amplifier units have been returned, even though more than sixty days have elapsed. The AH-1G is not a stable weapons platform capable of giving direct fire support close to friendly elements when the sensor amplifier is not installed. At the present time sensor amplifier units are being changed from one aircraft to another in order to maintain maximum flyable aircraft in a mission ready status.

(c) RECOMMENDATION: That maintenance float sensor amplifier units be maintained at DS Maintenance Company level or at the 70 Detachment level to provide optimum aircraft availability.

9 August 1969


a. Escape, Evasion and Survival: None

b. Combat: None

1. Incl

(Organizational Structure) to Operational Report - Lessons Learned, 1 May 1969 - 31 July 1969

EXHIBITION:
1. CG, USARV, ATTN: AVDG-DST, APO US Forces 95375
2. 1st TBG, 101st Abn Div Artillery

Colonel, PA
Commanding

CONFIDENTIAL
AVDG-GC-H (9 Aug 69) 1st Ind
SUBJECT: ORLL of 101st Airborne Division Artillery for Period Ending
31 July 1969 (U)

DA, HQ, 101st Airborne Division (Airmobile), APO San Francisco 96383
29 Aug 69

TO: Commanding General, XXIV Corps, ATTN: AVII-GCT, APO 96308

The ORLL for the 101st Airborne Division Artillery has been reviewed and
the following comments are submitted:

Section II: (C) Lessons Learned.

Para 7a: Personnel.

Para 7a(1): Concur (G1). a. Comments concerning personnel contained in paragraph 7a, basic document, are substantially correct but
need amplification for clarity.

b. The term "experienced aviators" is defined by the Commanding
Officer, 4th Battalion, 77th Artillery, as an aviator serving his second
or subsequent tour in Vietnam. The number of hours flown, type air-
craft, duty position, or other factors are not considered in this classifi-
cation.

c. The 4th Battalion, 77th Artillery has 102 aviators assigned and of
this number 21 (20.6%) are experienced. Seventy, of the 102 (69%) avia-
tors assigned are AH-1G qualified and 20 (28.6%) of these 70 aviators are
experienced.

d. Thirty-five aviators have been sent by the 4th Battalion, 77th Ar-
tillery to Vung Tau for AH-1G qualification. Of these 35, 13 (37%) are
experienced aviators. The other 35 AH-1G aviators arrived from CONUS
school trained in the AH-1G, and 7 (20%) of these 35 are experienced avia-
tors.

e. There is a total of 21 experienced aviators in the 4th Battalion,
77th Artillery, and all but one are AH-1G qualified. The significant
statistics are recapitulated below:

DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS

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AVDQ-GC-H

SUBJECT: ORLL of 101st Airborne Division Artillery for Period Ending 31 July 1969 (U)

AVIATOR STATUS 4TH BN (ARA), 77TH ARTILLERY

<table>
<thead>
<tr>
<th>Aviators</th>
<th>AH-IG Assigned</th>
<th>Experienced Aviators</th>
<th>AH-IG Aviators</th>
</tr>
</thead>
<tbody>
<tr>
<td>103</td>
<td>70 (69%)</td>
<td>21 (20.6%)</td>
<td>20 (28.6%)</td>
</tr>
</tbody>
</table>

1. The 4th Battalion, 77th Artillery has approximately the same experience level as the 2/17th Cavalry and D Company of the 101st and 158th ARH's. In Cobra qualified personnel, the USARV goal of 25% experienced aviators is exceeded.

Para 7b: Operations.

Para 7b(1): Concur (G3). Space on a fire base is frequently critical due to terrain and other considerations. Internal rotation is a good concept. No action needed by this headquarters.

Para 7b(2): Concur (Chemical Officer).

Para 7b(3): Concur (G3).

Para 7b(4): Nonconcur (Weather Detachment). The division presently has twelve (12) Air Force trained weather observers, who are operating various weather stations throughout the area of operations. Location 6, 5th Weather Squadron currently maintains a sufficient number of weather stations at various altitudes in the area of operations from which the artillery unit can obtain data.

Para 7b(5): Concur (G3). It is the policy of this division that operations will be combined and in close coordination with ARVN forces. The co-location of headquarters and FDC's assists greatly in control and coordination.

Para 7c(1): Training: Concur (G3). No further action necessary.
AVDG - GC - H
SUBJECT: ORLL of 101st Airborne Division Artillery for Period Ending 31 July 1969 (U)

Para 7a(1): Logistics: Concur (G4).

FOR THE COMMANDER:

[Signature]

JOSEPH P. HEHLE
MAJ, AGC
Assistant Adjutant General

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AVILOCT (9 Aug 69) 2nd Imd

SUBJECT: Operational Report of 101st Airborne Division Artillery for Period Ending 31 July 1969, RCS CSFOR (R) (U)

DA, Headquarters, XXIV Corps, APO SF 96308 5 SL 1969

TO: Commanding General, United States Army, Vietnam, APO SF 96375

1. The OBR of 101st Airborne Division Artillery has been reviewed at Hq XXIV Corps and is forwarded in accordance with USARV Reg 525-15.

2. Except as noted below, Concur with the report as endorsed by 101st Airborne Division (AM).

   a. Reference item concerning personnel, section II, page 15, paragraph 7a; Concur. Recommend the reporting unit's recommendation concerning the input of a minimum of 50% experienced pilots be forwarded to the appropriate office in DA for consideration.

   b. Reference item concerning firing of chemical shell, section II, page 16, paragraph 2b(2) Nonconcur. PT 105-E-6, provisional supplement outline Nov 67, outlines the procedures to be used when firing cartridge, tactical CS, IM629.

FOR THE COMMANDER:

R. D. PECCO
MAJ. AGC
ASST AG
CONFIDENTIAL

AVHC-DST (9 Aug 69) 3d Ind

SUBJECT: Operational Report-Lessons Learned
1 May 1969 - 31 July 1969

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

TO: Commander in Chief, United States Army, Pacific, ATTN: GPOP-DT, APO 96378

1. (U) This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 July 1969 from Headquarters, 101st Airborne Division Artillery.

2. (C) Comments follow:

a. (C) Reference item concerning "Personnel," section II, page 15, paragraph 7a; nonconcur.

(1) An examination of the experience level of AH-1G aviators assigned to the 101st Airborne Division (AH) as of 1 September 1969, revealed that of the 202 AH-1G qualified aviators assigned, a total of 51 are presently serving a second tour in RVN. This gives an overall experience factor of 25 percent, slightly above the DA objective of 25 percent experienced aviators for RVN as a whole, as well as for this particular aircraft. The assignment of AH-1G aviators to subordinate units (Div Arty) within the 101st Airborne Division (AM) is controlled internally. Approximately 90 percent of the assigned aviators in USAV are serving a second tour in RVN.

(2) To raise the experience level in Cobra units would require the reduction of experience levels in other aviation units, or an increase of the DA objective of 25 percent. An increase in the DA objective would shorten the turn-around time between tours for all aviators. Due to the shortage of aviators, an increased experience level for aviation units is not feasible at this time.

b. (U) Reference item concerning "Mountain Met," section II, page 17, paragraph 7b(4), and 1st indorsement, paragraph 7b(4); nonconcur. Air Force weather stations do not provide artillery units with the necessary information to compute metro corrections for artillery firing data. Visual metro stations enable artillery units to obtain this data in areas where there is a difference in altitude of over 300 meters between the battery and the metro station.

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AVHGC-DST (9 Aug 69) 3d Ind
SUBJECT: Operational Report-Lessons Learned
1 May 1969 - 31 July 1969

c. (C) Reference item concerning "Logistics," section 11, page 18, paragraph 7e; concur. The unit is advised to submit a request to change the SCAS float authorization IAW USAV Message 42722, dated 21 June 1969, subject: Change in Avionic Float Requisitioning Procedures.

FOR THE COMMANDER:

C. D. WILSON
1LT, AGC
Assistant Adjutant General

Cy furn:
101st Abn Div Arty
XXIV Corps
TO: Assistant Chief of Staff for Force Development, Department of the Army, Washington, D. C. 20310

THIS HEADQUARTERS CONCURS IN SUBJECT REPORT AS INDORSED.

FOR THE COMMANDER IN CHIEF:

C. E. SHORT
CPT, AGC
Asst AG
Operational Report - Lessons Learned, HQ, 101st Airborne Division Artillery

Experiences of unit engaged in counterinsurgency operations, 1 May 69 - 31 July 69.

CO, 101st Airborne Division Artillery

9 August 1969

N/A

N/A

OACSFOR, DA, Washington, D.C. 20310