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<td>AGO D/A ltr, 29 Apr 1980; AGO D/A ltr, 29 Apr 1980</td>
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</table>
SUBJECT: Operational Reports—Lessons Learned, Headquarters, 101st
Airborne Division Artillery, Period Ending 31 January 1970 (U)

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2. Information contained in this report is provided to insure appropriate
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BY ORDER OF THE SECRETARY OF THE ARMY:

KENNETH G. WICKHAM
Major General, USA
The Adjutant General

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from classified inclosure.
SUBJECT: Operational Report - Lessons Learned 101st Airborne Division Artillery (Airmobile), Period Ending 31 January 1970, RCS CSFOR-65 (R2) (U)

1. (U) References:
   a. Supplement Number 1 to AR 525-15
   b. 101st Abn Div (Ambl) Reg 525-4

2. (C) Section I. Operations: Significant Activities:
   a. On 1 November 1969 the 101st Airborne Division Artillery (Airmobile) task organization and location were as follows:

<table>
<thead>
<tr>
<th>Unit</th>
<th>Location</th>
<th>Grid</th>
<th>Mission</th>
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<tbody>
<tr>
<td>Hq &amp; Hq Btry, 101st Abn Div Arty (Ambl)</td>
<td>Camp Eagle</td>
<td>YD814153</td>
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<tr>
<td>2d Bn (Ambl), 319th Arty</td>
<td>Camp Evans</td>
<td>YD541318</td>
<td>DS 3d Bde</td>
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<tr>
<td>Fwd CP</td>
<td>Mai Loc</td>
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<td>Btry A</td>
<td>Camp Evans</td>
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<td>Btry B</td>
<td>FSB Scotch</td>
<td>YD912553</td>
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<tr>
<td>Btry C</td>
<td>FSB Victory</td>
<td>XD942476</td>
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<td>(105mm M102)</td>
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<tr>
<td>2d Bn (Ambl), 320th Arty</td>
<td>Camp Eagle</td>
<td>YD814153</td>
<td>DS 1st Bde</td>
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**SUBJECT:** Operational Report - Lessons Learned 101st Airborne Division Artillery (Airmobile), Period Ending 31 January 1970, RCS GSFOR-65 (RS) [U]

### Unit | Location | Grid | Mission
--- | --- | --- | ---
Btry A | FSB Roy | ZD09032 |  
Btry B (4 tubes) | FSB Saber | YD37188 |  
(2 tubes) | Comp Eagle | YD814153 |  
Btry C | FSB Tomahawk | ZD117014 |  
(105mm M102) |  |  |  
1st Bn (Ambl), 321st Arty | Camp Sally | YD639271 | DS 2d Bde  
Btry A | FSB Rekkusan | YD490198 |  
Btry B | FSB Bastogne | YD622095 |  
Btry C | FSB Birmingham | YD704101 |  
(105mm M102) |  |  |  
2d Bn (Ambl), 11th Arty | Camp Eagle | YD815153 | GS 101st Abn Div (Ambl)  
Btry A | FSB Victory | YD942176 | Reinf 2d Bn (Ambl), 319th Arty  
Btry B | FSB Bastogne | YD622095 |  
Btry C | FSB Arsenal | YD813080 |  
(155mm M114L1) |  |  |  
4th Bn (Aerial Artillery), 77th Arty (Ambl) | Camp Eagle | YD814153 | GS, 101st Abn Div (Ambl)  
(UH-1H) |  |  |  
Btry A (UH-1G) | Camp Eagle | YD814153 |  
Btry B (UH-1G) | Camp Eagle | YD814153 |  
Btry C (UH-1G) | Camp Evans | YD541318 |  
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SUJET: Operational Report - Lessons Learned 101st Airborne Division
Artillery (Air Mobile), Period Ending 31 January 1970,
RG 3 CSFOR-65 (R2) (U)

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<th>Mission</th>
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<td>1st Bn, 39th Arty</td>
<td>Gia Le</td>
<td>YD829150</td>
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<td>Btry A</td>
<td>Camp Evans</td>
<td>YD54318</td>
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<td>Btry B</td>
<td>FSB Tomahawk</td>
<td>ZD117014</td>
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<td>Btry C</td>
<td>Phu Bai</td>
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<td>Btry C</td>
<td>FSB Bastogne</td>
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<td>FSB Nancy</td>
<td>YD435395</td>
<td>GS XXIV Corps</td>
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<tr>
<td>Btry A</td>
<td>LZ Sally</td>
<td>YD639271</td>
<td>GSR 101st Abn Div (Ambl)</td>
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<td>Btry B</td>
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<td>Btry C</td>
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<tr>
<td>Btry D, 1st Bn, 44th Arty</td>
<td>Phu Bai</td>
<td>YD872150</td>
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<td>(40mm M4241)</td>
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<tr>
<td>Sec Btry G, 65th Arty</td>
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Inclosure
SUBJECT: Operational Report - Lessons Learned, 101st Airborne Division Artillery (Airborne), Period Ending 31 January 1970, RCS CSFOR-65 (R2) (U)

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<tr>
<td>2d Bn (Ambl), 320th Arty</td>
<td>Phu Bai</td>
<td>YD872150</td>
<td>US XXIV Corps</td>
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</table>

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

- Mi Lec          YD098516  FSB Arsenal YD813080
- FSB Shepherd    XD936410  FSB Bradley YD275123
- Camp Sally      YD639271  FSB Bastogne YD622095
- Camp Eagle      YD815153  FSB Rakkasan YD490198
- Camp Evans      YD541318  FSB Spear YC684923
- FSB Tomahawk    ZD117014  FSB Scotch YD916567
- Deng Ha         YD215605  FSB Victory YD942476
- FSB Saber       YD899188  FSB Roy ZD059032
- FSB Normandy    YD539271  Phu Bai YD876128
- FSB Omaha       YD683335  FSB O'Reilly YD323258
- FSB Jack        YD492279  FSB Jeanne YD552394
- FSB Thor        YC835955  FSB Sharon YD340493
- FSB Anne        YD290402  FSB Blaze YD525020
- FSB Birmingham  YD704101  FSB Nancy YD353935
- FSB Strike      YD777170  Gia Le YD829150
- FSB Devil       YD253290  FSB Knight YD527421
- FSB Lanyard     YD898200  FSB Zon YD622095
- FSB Pistol      YC902902  FSB Rifle YC863988
- C - 2           YD135645  

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AVDG-DAC

SUBJECT: Operational Report - I Corps Lunar 114th Airborne Division
Artillery (Airmobile), Period Ending: 31 January 1970,
RCS CSPOR-65 (R2) (U)

b. Operations: On 1 November 1969, the division was continuing Operation REPUBLIC SQUARE.

(1) 1 Nov: Div Arty continued support of Operation REPUBLIC SQUARE and NORTON FALLS. Btry B, 2d Bn (Anbl), 309th Arty moved by air from FSB Saber (YD909188) 4 tubes and from Camp Eagle (YD14153) 2 tubes to FSB Rifle (YD639268). Btry A, 2d Bn (Anbl), 320th Arty moved 1 tube by road from FSB Roy (ZD59C32) to FSB Saber (YD909188) and Btry C, 2d Bn (Anbl), 320th Arty moved 1 tube by road from FSB Tomahawk (ZD117014) to FSB Saber (YD909188).

(2) 3 Nov: The 1st Co., 11th Transportation Battalion (located SE of Hué) was attacked by B 40 rockets. Division artillery scrambled the div art light ship and 1 section of aerial rocket artillery.

(3) 4 Nov: NORTON FALLS AWCC was closed. Btry A, 1st Bn (Anbl), 321st Arty moved by air from FSB Rakasaran (YD490198) to LZ Sally (YD639271). Btry A, 2d Bn (Anbl), 11th Arty moved by air from FSB Victory (YD942476) to Dong Ha (YD245605). Btry C, 2d Bn (Anbl), 319th Arty moved by air from FSB Victory (YD942476) to Nui Loc (YD98516) and then by road to Camp Evans (YD541318).

(4) 5 Nov: Btry A, 2d Bn (Anbl), 11th Arty moved by road from Dong Ha (YD245605) to Camp Eagle (YD815153).

(5) 7 Nov: Btry E, 2d Bn (Anbl), 319th Arty moved by air from FSB Scotch (YD946567) to Nui Loc (YD98516).

(6) 8 Nov: Btry C, 2d Bn (Anbl), 320th Arty moved 5 howitzers by air from FSB Tomahawk (ZD117014) to FSB Pistol (YD929072). Btry B, 2d Bn (Anbl), 319th Arty moved by road from Nui Loc (YD98516) to Camp Evans (YD541318). Btry E, 1st Bn (Anbl), 321st Arty moved 4 howitzers by air from FSB Bastogne (YD622095) to FSB Zon (YD75012) to conduct an artillery raid. Btry B, 2d Bn (Anbl), 11th Arty moved 3 howitzers from FSB Bastogne (YD622095) by air to FSB Zon (YD75012) to participate in an artillery raid, Operation NORTON FALLS terminated effective 1200 hours.

(7) 9 Nov: Btry A, 34th Arty (ARVN 155) moved 4 howitzers by air from FSB Ansic (YD929072) to FSB Pistol (YD929072).

(8) 10 Nov: Artillery Raid (Caisson) was conducted by Btry E, 1st Bn (Anbl), 321st Arty, Btry B, 2d Bn (Anbl), 11th Arty, and Btry E, 4th bn (Aerial Artillery), 77th Arty (Anbl) on intelligence targets in VIC central and northern A Shau Valley. Eighty targets were engaged and 890 rounds were expended resulting in 15 bunkers and huts being destroyed and causing 6 secondary explosions. At the completion of the raid, Btry B, 1st Bn (Anbl), 321st Arty and Btry E, 2d Bn (Anbl), 11th Arty moved by air from FSB Zon (YD75012) to FSB Bastogne (YD622095).

(9) 11 Nov: Btry C, 4th Bn (Aerial Artillery), 77th Arty (Anbl) credited with 2 VC/NVA KIA at grid YD86299.

5 CONFIDENTIAL
(10) 12 Nov: Btry E, 4th Ln (Aerial Artillery), 77th Arty (Ambl) conducted an aerial artillery raid via grid YD4007. 7 targets were engaged, 20 rockets were expended. Results: 2-6x8 bunkers, 1-10x20, 1-6x12 and 1-10x15 huts destroyed.

(11) 13 Nov: The USS Osbourne (Navy Destroyer 5"/8) was on station, fired two missions, grids ZC179967 and ZC192965, destroying several bunkers. Btry D, 2d Ln (Ambl), 319th Arty moved by air from Camp Evans (YD541318) to C-2 (YD135645) to support the 2d Ln (Ambl), 501st Inf. Btry D, 12th Arty (ARVN 105mm) moved by air from PK-17 (YD647282) to FSB Rakkasan (YD490198) to support combined US/ARVN operation via FSB Rakkasan (YD490198).

(12) 16 Nov: An artillery raid was conducted by Btry C, 2d Ln (Ambl), 320th Arty and Btry H, 4th Ln (Aerial Artillery), 77th Arty (Ambl) vicinity FSB Spear (YD684923). Btry C fired on 43 targets, expended 980 HE and 8 WP, resulted in 10 huts, 7 bunkers, several fighting positions and some crops destroyed. Btry H fired on 9 targets, expended 196 rockets and destroyed 1 bunker. Btry E, 2d Ln (Ambl), 319th Arty was credited with 7 NV killed by artillery.

(13) 18 Nov: Btry L, 2d Ln (Ambl), 319th Arty moved by air from C-2 (YD135645) to Camp Evans (YD541318).

(14) 20 Nov: Btry E, 12 Arty (ARVN) moved by air from FSB Rakkasan (YD490198) to PK-17 (YD647286) to continue fire support of ARVN forces in that area. The 4th Ln (Aerial Artillery), 77th Arty (Ambl) fired 32 HE rockets against a bunker complex and 1 VC in the open resulting in 2 destroyed bunkers.

(15) 21 Nov: FSB T-10one received 2 mortar rounds at 212050H. No damage or casualties were reported. The suspected area of firing was interdicted by ARVN artillery immediately prior to the firing. Btry L, 2d Ln (Ambl), 11th Arty moved by road from Camp Eagle (YD615153) to LZ Sally (YD639271) and continued its move by air to FSB Rakkasan in support of PK-17 (Ambl) operations.

(16) 22 Nov: Four (4) howitzers of Btry A, 1st Ln (Ambl), 321st Arty from LZ Sally (YD639271), accompanied by three (3) howitzers of Btry E, 2d Ln (Ambl), 11th Arty from FSB Eastogne (YD622095) moved to FSB Bradley (YD277123) to conduct an artillery raid.

(17) 23 Nov: Btry E, 2d Ln (Ambl), 11th Arty (4 hows), Btry A, 1st Ln (Ambl), 321st Arty, and 2 sections 4th Ln (Aerial Artillery, 77th Arty (Ambl) conducted an artillery raid, (Caisson), from FSB Bradley, Five hundred and fourteen rounds 105mm ammunition were expended against 65 targets. One hundred and fifty rounds 155mm ammunition were expended on 17 targets. Three hundred and thirty-six HE rockets were expended on 26 targets. Total expenditures resulted in the destruction of 17 bunkers, 6 huts, 3 enemy fighting positions and 2 bridges. Two secondary fires were observed and 4 infiltration routes interdicted. Upon completion of the raid, Btry L, 1st Ln (Ambl), 321st Arty (4 hows) returned to LZ Sally (YD639271). Btry E, 2d Ln (Ambl), 11th Arty (3 hows) returned to FSB Eastogne (YD622095).
CONFIDENTIAL

1. February

Subject: Operation Eagle - 2d Battalion, 319th Artillery

Artillery (A-7111-2), Btry C, 319th Artillery

LTC Knauss assumed command of Btry C, 319th Artillery from LTC Walton.

(20) 31 Dec: Btry C, 2d Bn (Amb), 319th Artillery moved by air from Camp Evans (YD543102) to FSB Saber (YD99516). Btry C, 1st Bn (Amb), 11th Artillery moved three howitzers from FSB Arsenal (YD813080) to FSB Saber (YD99516).

(21) 3 Dec: The artillery raid from FSB Shepherd continued with Btry C, 2d Bn (Amb), 319th Artillery expending an additional 179 rounds on 24 targets. Btry C, 1st Bn (Amb), 11th Artillery expended an additional 96 rounds on 16 targets. Assessment was not available.

(22) 4 Dec: At approximately 1738 hours Camp Eagle (YD814153) received two incoming 122 mm rockets. Firing batteries directed to fire return fire. Artillery and light ship dispatched. The enemy rocket attack resulted in damage to two CM-17 and one ANG aircraft and damage to two tents. Friendly artillery expenditures were: Btry C, 2d Bn (Amb), 320th Artillery: 120 HE; Btry C, 1st Bn (Amb), 321st Artillery: 72 HE; Btry C, 1st Bn (Amb), 31st Artillery: 2 HE; Btry B, 1st Bn (Amb), 83d Artillery: 6 HE; Btry D, 2d Bn (Amb), 94th Artillery: 31 HE and Btry B, 4th Bn (Aerial Artillery), 77th Artillery (Amb): 11 rockets and 150 40mm, Negative assessment. Btry C, 2d Bn (Amb), 319th Artillery moved by air from FSB Shepherd (X7264160) to Camp Evans (YD543108). Btry C, 2d Bn (Amb), 11th Artillery (2 howitzers) moved from FSB Shepherd (X7264160) to FSB Arsenal (YD813080).

(23) 4 Dec: Btry B, 2d Bn (Amb), 320th Artillery moved its lone howitzer from FSB Saber (YD99188) by air to FSB Roy (ZD990132). Btry C, 2d Bn (Amb), 319th Artillery moved one howitzer from FSB Saber (YD99188) by air to FSB Tomahawk (Z9117014). LTC Knauss assumed command of 2d Bn (Amb), 320th Artillery from LTC Walton.
CONFIDENTIAL

12 February 1970

SPECIAL REPORT: Lessons Learned by 101st Airborne Division

b) Opolicy by purposes of the 101st Airborne Division, Fort Eustis, 31 January 1970,
RCS CSFOR-65 (R2) (8)

(22) 5 Dec: Entry C, 1st BN (Ambi), 321st Arty moved by air from LZ Sally
(YD639271) to FSB Normandy (YD690016). Entry H, 34th Arty (AVN) moved by air from
FSB James (YD43392) to FSB Anna (YD290401)

(23) 7 Dec: Two sections of Entry C, 4th BN (Aerial Artillery), 77th (Ambi)
were sent in on artillery raid on vicinity FSB Saigon (YD617274) and FSB Erskine (YD159111). One
LOI from Entry C, 77th Arty (Ambi) was used by the arty aerial observer. Entry C, 4th BN
(Aerial Artillery), 77th Arty (Ambi) expended 259 rockets on 13 targets destroying 6 huts, 6 weapons and 3 bunkers. Six huts and 3 bunkers were damaged.

(24) 8 Dec: Entry C, 1st BN, 39th Arty moved by road from Phu Dei (YD786128)
to FSB Trench (20117014). Entry H, 1st BN, 39th Arty moved by road from FSB
Trench (20117014) to Phu Dei (YD786128).

(25) 9 Dec: Entry C, 2d BN (Ambi), 319th Arty moved 2 howitzers by road from
Camp Evans (YD541318) to FSB O'Riley (YD683335).

(26) 10 Dec: LTC Joseph L. Sites replaced LTC Louis Friedersdorf as com-
mander of the 2d BN (Ambi), 11th Arty.

(27) 11 Dec: Entry H, 2d BN (Ambi), 319th Arty moved by air from Camp Evans
(YD541318) to FSB O'Reilly (YD683335).

(28) 12 Dec: Entry C, 2d BN (Ambi), 319th Arty moved 2 howitzers by road from
FSB O'Reilly (YD683335) to Camp Evans (YD541318).

(29) 13 Dec: Entry H, 1st BN (Ambi) 321st Arty moved by air from FSB Normandy
(YD650016) to Camp Sally (YD639271).

(30) 20 Dec: Entry C, 4th BN (Aerial Artillery), 77th Arty (Ambi) conducted
an artillery raid on two targets destroying two (2) bunkers and one (1) hooch; an
underwater bridge was partially destroyed. The unit expended 306 rockets. Entry C,
2d BN (Ambi), 319th Arty moved by air from FSB O'Reilly (YD325259) to FSB Jack
(YD492279).

(31) 24 Dec: Entry C, 4th BN (Aerial Artillery), 77th Arty (Ambi) launched
one section of aerial artillery to assist the 2d BN (Ambi), 506th Inf during a con-
tact. Entry C, 4th BN (Aerial Artillery), 77th Arty (Ambi) expended 51 rockets
killing 3 NV/VC.

(32) 25 Dec: Entry C, 4th BN (Aerial Artillery), 77th Arty (Ambi) was launched
in reaction to a ground contact expending 135 rockets and killing 4 NV/VC.

8

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12 February 1970


(35) 27 Dec: The artillery operations officer presented a briefing to 40 ARVN officers and instructors from the ARVN Battalion Commanders Artillery School. LTC Arnold R. Pollard assumed command of the 4th Bn (Aerial Artillery), 77th Arty (Airmobile) from LTC Thomas H. Spence.

(36) 28 Dec: Etry C, 4th Bn (Aerial Artillery), 77th Arty (Airmobile) supported the 1st Bn, 1st ARVN Regt in a ground combat, expending 124 rockets resulting in 9 KIA.

(37) 2 Jan 70: A new specified strike zone was designated by the 1st ARVN Division and copies were forwarded to all artillery units firing in the 101st Airborne Division (Airmobile) area of operations.

(38) 3 Jan: Etry A, 2d Bn (Airmobile), 11th arty moved by air from FSD Rakkasan (YD490198) to FSD Jack (YD497232). Etry A, 2d Bn (Airmobile), 320th arty moved by air from FSD Roy (YD339955) to FSD Thor (YD665825). Etry A, 2d Bn (Airmobile), 320th arty moved by air from FSD Roy (YD339955). Etry A, 2d Bn (Airmobile), 320th arty expended 940 rounds and 48 positioning rounds, 44 huts, 350 fighting positions, 4 wooden bridges and 32 bunkers at VC/PAW, NVN.

(39) 4 Jan: Etry C, 4th Bn (Aerial Artillery), 77th Arty (Airmobile) assisting elements of the 2d 177th Cav, 177th Cav fired on enemy locations resulting in 3 VC/NVA KIA, and 8 bunkers, 6 huts and 4 lean-tos destroyed. Etry A, 2d Bn (Airmobile), 320th arty moved by air from FSD Thor (YD665825) to FSD Roy (YD339955), Etry A, 2d Bn (Airmobile), 319th arty moved by air from FSD Rakkasan (YD490198) to Camp Evans (YD535315).

(40) 5 Jan: Etry C, 2d Bn (Airmobile), 319th arty moved by air from FSD Jeanne (YD555315) to Camp Evans (YD535315). Elements of division artillery have expended over 2,000,000 rounds since their deployment in Vietnam.

(41) 6 Jan: Etry C, 4th Bn (Aerial Artillery), 77th Arty (Airmobile) assisting ARVN infantrymen in contact expended 96 rockets killing 2 NVA soldiers.

(42) 8 Jan: Etry A, 1st Bn (Airmobile), 321st arty moved four howitzers by air from Camp Sally (YD639274) to FSD Blaze (YD536023). Etry L, 2d Bn (Airmobile), 11th arty moved three howitzers by air from FSD Eastogue (YD622095) to FSD Blaze (YD536023).

(43) 10 Jan: Etry A, 1st Bn (Airmobile), 320th arty moved four howitzers and Etry Z, 2d Bn (Airmobile), 11th arty moved three howitzers by air from FSD Blaze (YD536023) to FSD Sally (YD639274) and FSD Eastogue (YD622095) respectively.

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12 February 1970

SUBJECT: Operational Report - Lessons Learned 101st Airborne Division
Artillery (Airborne), Period Ending 31 January 1970,
AGS OSD-65 (R2) (U)

(44) 12 Jan: Btry A, 1st Brn (Ambl), 321st Arty moved by air from Camp Sally (YD633274) to FSE Strike (YD577170).

(45) 15 Jan: LTC Joseph L. Sites assumed command of the 101st Airborne Division Artillery during the absence of Col Howard M. Moore who departed on emergency leave.

(46) 16 Jan: Btry C, 2d Brn (Ambl), 319th Arty moved by air from Camp Evans (YD933541) to FSE Shepherd (YD934410). Btry A, 2d Brn (Ambl), 11th Arty moved two howitzers from FSE Jack (YD495287) to FSE Shepherd (YD934410).

(47) 17 Jan: Btry C, 2d Brn (Ambl), 319th Arty moved by air from FSE Shepherd (YD934410) to Camp Evans (YD933541). Btry A, 2d Brn (Ambl), 11th Arty moved two howitzers by air from FSE Shepherd (YD934410) to FSE Jack (YD495287).

(48) 24 Jan: Btry A, 2d Brn (Ambl), 319th Arty moved by air from Camp Evans (YD933541) to FSE Davis (YD933290) and conducted an artillery raid expending 1275 rounds of ammunition. Btry G, 4th Brn (Aerial Artillery), 77th Arty (Ambl) assisted in expending 114 rockets. Artillery fires resulted in: 20 bunkers, 1 tunnel, 2 huts and a rice cache destroyed; 15 bunkers, 2 huts damaged; one large secondary fire. Upon completion, Btry A, 2d Brn (Ambl), 319th Arty returned to Camp Evans.

(49) 25 Jan: Btry A, 1st Brn (Ambl), 321st Arty moved by air from FSE Strike (YD577171) to Camp Sally (YD633274).

(50) 27 Jan: Btry C, 2d Brn (Ambl), 319th Arty moved by air from Camp Evans (YD933541) to FSE Knight (YD527421). LTC Richard S. Fye assumed command of the 101st Airborne Division Artillery from LTC Joseph L. Sites.

(51) 29 Jan: Camp Eagle (YD814153) received two (2) 155mm rounds at approximately 2345 hours with negative casualties or damage resulting. The location from where the rounds were fired was undetermined.

(52) 30 Jan: Btry A, 2d Brn (Ambl), 320th Arty moved by air from FSE Roy (YD529033) to FSE Lanyard (YD898200).

(53) 31 Jan: FSE Birmingham (YD704101) received three incoming 122mm rockets at approximately 0710. Negative casualties or damage resulted since the rockets fell outside the perimeter.

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3. Section II. Lessons Learned: Commander's Observations, Evaluations and Recommendations.

   a. Personnel

   (1) Battalion liaison team

      (a) Observation: The two enlisted men currently authorized for each battalion artillery liaison team are not sufficient to provide maximum efficiency and effectiveness.

      (b) Evaluation: The artillery liaison team is required to operate on a 24 hour daily basis. Under the present strength authorization this requires individuals to work a basic 12 hour shift plus contribute additional overlap time on the job. Although the LNO is a third member of the team, he cannot assume shift responsibilities due to other tactical requirements. The LNO usually travels with the infantry battalion commander and is not available for duty at the TOC. An increased authorization to three enlisted personnel would provide greater flexibility and insure accomplishment of the liaison team's mission. Primary duties of the enlisted men of the team are posting all boundaries and processing requests for fire clearance within the supported battalion's area of operation. A MTOE change recommending three enlisted men for each team will be submitted as soon as division MTOE moratorium terminates.

      (c) Recommendation: That the current authorization be increased to provide three enlisted men for each battalion artillery liaison team.

   (2) Personnel infusion program

      (a) Observation: The infusion program for the 4th Battalion (Aerial Artillery), 77th Arty (Ambl) and its attached T.C. detachments has been inadequate.

      (b) Evaluation: In the month of March the battalion will lose the following personnel because of DEROS and ETS:

      1. Nine officers
      2. Nine warrant officers
      3. Six NCO's E7 and above
      4. Eight SSG
      5. One hundred and sixty three EM SP6 and below
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AVDO-626

SUBJECT: Operational Report - Loss of Learned 101st Airborne Division
Artillery (Air Mobile), Period Ending 31 January 1970,
CS GFOS-65 (R2) (0)

12 February 1970

Most of the enlisted men will be experienced hard skill personnel for the maintenance detachments. This loss of experienced maintenance personnel in a short period of time will make it impossible to maintain the high standard of maintenance required for the AH6 aircraft. The additional loss of senior NCOs in the units will make it nearly impossible to accomplish the many tasks required for the unit to function in a combat environment.

(c) Recommendation: That the division establish an infusion program concerning incoming personnel and personnel having 3 or more months remaining in country. This would help to maintain a maintenance experience skill level which would insure mission accomplishment and reduce the impact of future personnel changes.

2. Intelligence: Ground surveillance devices

(1) Observation: The initial employment of "duffel bag" items and the selection of kill zones is monitored by artillery FO on the ground. Each battery is then adjusted for air and replot data is obtained. Because of duty assignments changes of ground surveillance and artillery personnel, first hand knowledge of actual ground locations and related data is not always available.

(2) Evaluation:

(c) Aerial photographs (handheld, black and white) of the strings taken after the environment and the adjustment of kill zones allow detailed observation and distribution to ground surveillance, ambush team leaders, and aerial observers for briefing purposes.

(1) Additional kill zones can be determined by fire direction officer when a rate of travel and/or timing of artillery fires has changed from predetermined kill zones.

(c) The availability of film is limited primarily to information (10) channels with limited access to artillery intelligence purposes. 35mm B/W film is not normally available thru PACE system.

(d) A camera may not be readily available.

(3) Recommendation:

(a) That low altitude, handheld, black/white photo coverage be obtained to augment replot data. The prints can be filed concurrently with "duffel bag" targeting data available to the fire direction officer.

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LVDG-DSC

SUBJECT: Operational Report - Lessons Learned 101st Airborne Division
Artillery (Armored), Period Ending 31 January 1970,
RCS CSFOR-65 (R2) (U)

(b) That additional prints be distributed to brigade S-2, ground surveillance, and infantry battalion S-2 sections.

(c) That a basic load of film be authorized and obtained for coverage of "duffel bag" program.

(d) That unit air assets and technical photographer with equipment from MI resources, such as Imagery and Intelligence Detachment, 101st MI (Phu Bai) be used when available on a mission basis.

c. Operations: Howitzer positions

(1) Observation: Extensive reconfiguration of individual gun positions is required when the 155mm howitzer, M114A1, is placed in a position previously occupied and tailored for a 105mm howitzer, M102.

(2) Evaluation: Space requirements for one M102 howitzer with ammunition and sleeping bunkers are less than that for one M114A1 howitzer with like bunkers. Therefore, when a M114A1 is placed on position previously designed for a M102, considerable effort must be expended to modify the position to the extent where the M114A1 has sufficient room for 6400 pounds traverse and adequate storage for ammunition. The most critical factor is the hardstand required for the spade pits. When the ground within the "gun pit" has been disturbed by excavation for bunkers, or the digging of trenches or drainage ditches, the area must be refilled and reinforced with PSP and timbers before the 155mm howitzer can fire high charges. The 105mm howitzer will readily fit into previously prepared 155mm howitzer position.

(3) Recommendation: Development of howitzer positions on new fire bases should be based on the hardstand required to accommodate the 155mm howitzer M114A1.

d. Organization. None.

e. Training: ARVN maintenance operations.

(1) Observation: The ARVN cannoneers encounter difficulty in performing organization maintenance.

(2) Evaluation: This difficulty is in part attributable to a lack of Vietnamese language maintenance manuals.

(3) Recommendations:

(a) That a simple manual, written in Vietnamese language, be adopted for use throughout Vietnam.
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AVDG-DG

SUBJECT: Operational Report - Lessons Learned: 101st Airborne Division
Artillery (Airmobile), Period Ending 31 January 1970,
RCS CSFOR-65 (R2) (U)

(b) That an appropriate agency commence printing manuals to be issued to
AMVN units equipped with U.S. howitzers IAW the Vietnamization progra.

f. Logistics: Requirement for 400 cycle generators

(1) Observation: The immediate requirement for 400 cycle generators within
this command is not being adequately fulfilled by the present logistics procedures.

(2) Evaluation: Within division artillery, the requirement exists for 46 3KW
400CY generators and 6 10KW 400CY generators. As of February 1970, an inventory
of generator requisitions for division artillery units showed 24 3KW 400CY and 4
10KW 400CY generators on valid requisition. The requisitions date back to 15 Octo-
ber 1969. The Combat Service Support Command's critical items list (CCIL) indicates that the expected
delivery date for these generators in-country is 20 April 1970. The basis of is-
issuance for these generators is two per system, i.e., AN/TPS-25 radar, AN/MPQ-4 radar,
RADAR, and avionics test equipment. With the present shortage of generators within
the division artillery, when a 400CY generator becomes inoperational, the system
also becomes inoperational since a back-up capability is non-existent.

(3) Recommendation: That command emphasis at all levels be applied to the
procurement and early issue of 400CY generators.

g. Communications. None

h. Material. None

i. Other. None

RICHARD S. FYE

INC, PA

Commanding:

DISTRIBUTION:
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1 - S1, 101st Airborne Division Artillery (Airmobile)
1 - S2, 101st Airborne Division Artillery (Airmobile)
AVDG-CS (12 Feb 70) 1st Ind
SUBJECT: Operational Report - Lessons Learned, 101st Airborne Division Artillery (Airmobile), Period Ending 31 January 1970, RCS CSFOR-65 (R2) (U)

DA, HQ, 101st Airborne Division (Airmobile), APO 96383 26 Feb 70

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

1. Forwarded in compliance with USARV Regulation 525-15 and XXIV Corps Regulation 525-2.

2. The following comments are submitted:

   a. Paragraph 3a (2), page 11: The division is establishing an infusion program to preclude future recurrence of this problem.

   b. Paragraph 3b (3) (a), page 12: The Imagery Interpretation Section, 101st Military Intelligence Company (Divisional) currently provides rapid hand-held photographic coverage to requesting units. Missions are requested through normal G2 air channels.

   c. Para 3f, page 14: Appropriate requests and follow-up actions have been taken to procure the 3 KW and 10 KW 400 cycle generators. Headquarters, USARV indicates that the items are not available and require procurement from the United States. The manufacturer's estimated delivery date in RVN is 20 April 1970.

FOR THE COMMANDER:

HUGH A. MACDONALD
Colonel, GS
Chief of Staff
1. (U) The O&L of the 101st Airborne Division Artillery (Airmobile) has been reviewed and is forwarded in accordance with AR 525-15.

2. (C) This headquarters concurs with the report as indorsed with the following added comments.

   a. Reference paragraph 3c (1), page 11. Concur, as it pertains to direct support artillery battalions. The liaison officer cannot be expected to perform the clearance of fires function on a shift basis, and still perform his other duties. Although two enlisted men can work on a 12 hour shift basis, it is agreed that this does not provide for adequate flexibility. The clearance function is considered sufficiently critical to warrant the authorization of an additional enlisted man to the direct support battalion liaison teams.

   b. Reference paragraph 3d (1), page 11. Concur, with added comment. HQ, XXIV Corps Artillery is currently preparing a preliminary design for a gun position which would be suitable for all calibers of artillery weapons, including the self-propelled 175mm gun and 8 inch howitzer (M97/1110). The increased flexibility of artillery positioning and employment which would result from building future gun positions with this capability is considered sufficiently important to warrant the construction effort required. If a suitable design can be formulated it will be recommended for use in future gun position construction.

FOR THE COMMANDER:

R. D. PECCO
MAJ, AGC
ASS'T AG
AVHCC-DST (12 Feb 70) 31 Ind

SUBJECT: Operational Report - Lessons Learned 101st Airborne Division Artillery (Airmobile), Period Ending 31 January 1970, RCS, CSFOR-65 (U)

Headquarters, United States Army, Vietnam, APO San Francisco 96375

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

1. (U) This headquarters has reviewed the Operational Report - Lessons Learned for the quarterly period ending 31 January 1970 from Headquarters, 101st Airborne Division Artillery (Airmobile) and concurs with the comments of issuing headquarters.

2. (C) Comments follow:

   a. (C) Reference item concerning "Ground Surveillance Devices", page 12, paragraph 2b: concur. Presently there are approximately one hundred (100) recently arrived Polaroid cameras (ENSURE 217) at Long Binh Post Depot. This is the first increment of 492 cameras requested by USARV, and will be issued to units upon completion of study as regards priority/basis of issue. The use of this method to accurately locate air emplaced sensors has proven very effective and extremely accurate, as mentioned in USARV G2 Combat Intelligence Lessons, dated 10 January 1970; however, this subject is considered to be of such importance, that it warrants inclusion in the next issue of USARV Combat Intelligence Lessons. No action by DA or USARPAC is recommended.

   b. (U) Reference item concerning "ARVN Maintenance Operations", page 13, paragraph e(1): concur. The following actions are being taken to eliminate the problem concerning the lack of Vietnamese technical manuals:


      (2) MACV currently has a program to translate all applicable technical manuals to Vietnamese.

FOR THE COMMANDER:

Cy furn:
HQ, XXIV Corps
HQ, 101st Airborne Div Arty

L. B. MURRAY
CPT, AGC
Assistant Adjutant General

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UNCLASSIFIED,
SUBJECT: Operational Report of HQ, 101st Airborne Division Artillery (Airmobile) for Period Ending 31 January 1970, RCS CSFOR-65 (R2) (U)

HQ, US Army, Pacific, APO San Francisco 96558 10 APR 1970

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:

D.D. CLINE
2LT, AGO
Asst AG
Operational Report - Lessons Learned, HQ, 101st Airborne Division Artillery

Experiences of unit engaged in counterinsurgency operations, 1 Nov 69 to 31 Jan 70.

101st Airborne Division Artillery

12 February 1970

N/A

N/A

N/A

OACSFOR, DA, Washington, D.C. 20310