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DEPARTMENT OF THE ARMY
Headquarters 101st Airborne Division Artillery (Airmobile)
APO San Francisco 96383

AVDG-DAC

12 February 1970

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

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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:

<u>Unit</u>	<u>Location</u>	<u>Grid</u>	<u>Mission</u>
Hq & Hq Btry, 101st Abn Div Arty (Ambl)	Camp Eagle	YD814153	
2d Bn (Ambl), 319th Arty	Camp Evans	YD541318	DS 3d Bde
Fwd CP	Mai Loc	YD098516	
Btry A	Camp Evans	YD541318	
Btry B	FSB Scotch	YD912563	
Btry C	FSB Victory	XD942476	
(105mm M102)			
2d Bn (Ambl), 320th Arty	Camp Eagle	YD814153	DS 1st Bde

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<u>Unit</u>	<u>Location</u>	<u>Grid</u>	<u>Mission</u>
Btry A	FSB Roy	ZD059032	
Btry B (4 tubes)	FSB Saber	YD897188	
(2 tubes)	Camp Eagle	YD814153	
Btry C	FSB Tomahawk	ZD117014	
(105mm M102)			
1st Bn (Aml), 321st Arty	Camp Sally	YD639271	DS 2d Bde
Btry A	FSB Rakkasan	YD490198	
Btry B	FSB Bastogne	YD622095	
Btry C	FSB Birmingham	YD704101	
(105mm M102)			
2d Bn (Aml), 11th Arty	Camp Eagle	YD815153	GS 101st Abn Div (Aml)
Btry A	FSB Victory	YD942276	Reinf 2d Bn (Aml), 319th Arty
Btry B	FSB Bastogne	YD622095	
Btry C	FSB Arsenal	YD813080	
(155mm M114A1)			
4th Bn (Serial Artillery), 77th Arty (Aml)	Camp Eagle	YD814153	GS, 101st Abn Div (Aml)
(UH-1H)			
Btry A (AH-1G)	Camp Eagle	YD814153	
Btry B (AH-1G)	Camp Eagle	YD814153	
Btry C (AH-1G)	Camp Evans	YD541318	

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<u>Unit</u>	<u>Location</u>	<u>Grid</u>	<u>Mission</u>
A Btry (AVN), 377th Arty (LOH, HH-1H)	Camp Eagle	YD810157	GS 101st Abn Div Arty (Ambl)
1st Bn, 39th Arty	Gia Le	YD829150	GSR 101st Abn Div (Ambl)
Btry A	Camp Evans	YD514318	
Btry B	FSB Tomahawk	ZD117014	
Btry C (155mm M109)	Phu Bai	YD878128	
1st Bn, 83d Arty	Gia Le	YD829150	GSR 101st Abn Div (Ambl)
Btry A	FSB Roy	ZD057028	
Btry B	FSB Birmingham	YD704101	
Btry C (8 in SP M110)	FSB Bastogne	YD622095	
2d Bn, 94th Arty	FSB Nancy	YD435395	GS XXIV Corps
Btry A	LZ Sally	YD639271	GSR 101st Abn Div (Ambl)
Btry B	Gia Le	YD829150	GSR 101st Abn Div (Ambl)
Btry C (8 in SP M110)	FSB Nancy	YD435395	GS XXIV Corps
Btry D, 1st Bn, 44th Arty (40mm M42A1)	Phu Bai	YD872150	GS XXIV Corps
Sec Btry G, 65th Arty (Quad 50 M55)	Phu Bai	YD872150	GS XXIV Corps

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<u>Unit</u>	<u>Location</u>	<u>Grid</u>	<u>Mission</u>
Sec Btry G, 29th Arty	Phu Bai	YD872150	GS XXIV Corps

(SI)

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

Mai Loc	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 Tomhawk	ZD117014	FSB Scotch	XD916567
Dong Ha	YD245605	FSB Victory	XD942476
FSB Saber	YD899188	FSB Roy	ZD059032
FSB Normandy	YD639271	Phu Bai	YD878128
FSB Omaha	YD683335	FSB O'Reilly	YD323258
FSB Jack	YD492279	FSB Jeanne	YD552394
FSB Thor	YC835955	FSB Sharon	YD340493
FSB Anne	YD290402	FSB Blaze	YD535020
FSB Birmingham	YD704101	FSB Nancy	YD435395
FSB Strike	YD577170	Gia Le	YD829150
FSB Davis	YD253290	FSB Knight	YD527421
FSB Lanyard	YD898200	FSB Zon	YD622095
FSB Pistol	YC902902	FSB Rifle	YC863988
C - 2	YD135645		

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Artillery (Airmobile), Period Ending 31 January 1970,
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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 (Ambl), 320th Arty moved by air from FSB Saber (YD899188) 4 tubes and from Camp Eagle (YD814153) 2 tubes to FSB Rifle (YC863988). Btry A, 2d Bn (Ambl), 320th Arty moved 1 tube by road from FSB Roy (ZD059032) to FSB Saber (YD899188) and Btry C, 2d Bn (Ambl), 320th Arty moved 1 tube by road from FSB Tomhawk (ZD117014) to FSB Saber (YD899188).

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

(3) 4 Nov: NORTON FALLS AWCC was closed. Btry A, 1st Bn (Ambl), 321st Arty moved by air from FSB Rakkasan (YD490198) to LZ Sally (YD639271). Btry A, 2d Bn (Ambl), 11th Arty moved by air from FSB Victory (XD942476) to Dong Ha (YD245605). Btry C, 2d Bn (Ambl), 319th Arty moved by air from FSB Victory (XD942476) to Mai Loc (YD098516) and then by road to Camp Evans (YD541318).

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

(5) 7 Nov: Btry B, 2d Bn (Ambl), 319th Arty moved by air from FSB Scotch (XD916567) to Mai Loc (YD098516).

(6) 8 Nov: Btry C, 2d Bn (Ambl), 320th Arty moved 5 howitzers by air from FSB Tomhawk (ZD117014) to FSB Pistol (YC902902). Btry B, 2d Bn (Ambl), 319th Arty moved by road from Mai Loc (XD098516) to Camp Evans (YD514318). Btry B, 1st Bn (Ambl), 321st Arty moved 4 howitzers by air from FSB Bastogne (YD622095) to FSB Zon (YD475012) to conduct an artillery raid. Btry B, 2d Bn (Ambl), 11th Arty moved 3 howitzers from FSB Bastogne (YD622095) by air to FSB Zon (YD475012) 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 Anzio (YD929072) to FSB Pistol (YC902902).

(8) 10 Nov: Artillery Raid (Caisson) was conducted by Btry B, 1st Bn (Ambl), 321st Arty, Btry B, 2d Bn (Ambl), 11th Arty, and Btry E, 4th Bn (Aerial Artillery), 77th Arty (Ambl) 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 (Ambl), 321st Arty and Btry B, 2d Bn (Ambl), 11th Arty moved by air from FSB Zon (YD475012) to FSB Bastogne (YD622095).

(9) 11 Nov: Btry C, 4th Bn (Aerial Artillery), 77th Arty (Ambl) credited with 2 VC/NVA KIA at grid YD386299.

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(10) 12 Nov: Btry B, 4th Bn (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, 1-8x12 and 1-10x15 huts destroyed.

(11) 13 Nov: The USS Ozbourne (Navy Destroyer 5"/38) was on station, fired two missions, grids ZC179967 and ZC192965, destroying several bunkers. Btry B, 2d Bn (Ambl), 319th Arty moved by air from Camp Evans (YD541318) to C-2 (YD135645) to support the 2d Bn (Ambl), 501st Inf. Btry B, 12th Arty (ARVN 105mm) moved by air from PK-17 (YD647284) 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 Bn (Ambl), 320th Arty and Btry A, 4th Bn (Aerial Artillery), 77th Arty (Ambl) vicinity FSB Spear (YG684923). 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 A fired on 9 targets, expending 196 rockets and destroyed 1 bunker. Btry E, 2d Bn (Ambl), 319th Arty was credited with 7 NVA killed by artillery.

(13) 18 Nov: Btry E, 2d Bn (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 (YD647298) to continue fire support of ARVN forces in that area. The 4th Bn (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-Done 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 A, 2d Bn (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 2d Brigade operations.

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

(17) 23 Nov: Btry E, 2d Bn (Ambl), 11th Arty (4 hows), Btry A, 1st Bn (Ambl), 321st Arty, and 2 sections 4th Bn (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 5 infiltration routes interdicted. Upon completion of the raid, Btry A, 1st Bn (Ambl), 321st Arty (4 hows) returned to LZ Sally (YD639271). Btry E, 2d Bn (Ambl), 11th Arty (3 hows) returned to FSB Bastogne (YD622095).

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AVENG-DMF

1. February 1977

SUBJECT: Operation Phoenix - 1st Air Force and 7th Air Force Divisions
Artillery (AFMATT), Period Ending 31 December 1976,
NSC USFMA-65 (IC) (U)

(18) 29 Nov: The city of Hue reported incoming rocket fire at 0000 hours. Firing batteries fired color plans. Aerial rocket artillery (one section) and one light ship launched. Artillery expenditures were: Btry C, 1st Bn (Ambl), 321st Arty: 6 HE; Btry B, 2d Bn (Ambl), 320th Arty: 53 HE; Btry C, 2d Bn (Ambl), 11th Arty: 36 HE; Btry B, 2d Bn, 94th Arty: 40 HE; Btry C, 1st Bn, 39th Arty: 74 HE.

(19) 30 Nov: The city of Hue reported incoming rocket fire at 21.1 hours. Howitzers were determined to be friendly fires impacting approximately 9000 meters from Hue. Btry C, 2d Bn (Ambl), 319th Arty moved by air from Camp Evans (YD541318) to FSB Mai Loc (YD098516). Btry C, 2d Bn (Ambl), 11th Arty moved three (3) howitzers from FSB Arsenal (YD813080) to FSB Mai Loc (YD098516).

(20) 1 Dec: Btry C, 2d Bn (Ambl), 319th Arty and three howitzers from Btry C, 2d Bn (Ambl), 11th Arty moved from FSB Mai Loc (YD098516) to FSB Shepherd (XD936410) to conduct an artillery raid. Btry C, 2d Bn (Ambl), 319th Arty expended 289 rounds on 19 targets; Btry C, 2d Bn (Ambl), 11th Arty expended 102 rounds on 15 targets. Assessment was not available. Btry C, 4th Bn (Aerial Artillery), 77th Arty (Ambl) in support of the move and occupation of the fire base expended 208 rockets resulting in 3 NVA killed by aerial rocket artillery, 2 bridges, 1 cave, 1 dam, and 4 bunkers destroyed. Btry A, 34th Arty (ARVN) moved by air from FSB Pistol (YD902902) to FSB Oasis (YD028075). Btry C, 2d Bn (Ambl), 320th Arty moved by air from FSB Pistol (YD902902) to FSB Tomhawk (ZD11701A).

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

(22) 3 Dec: At approximately 1738 hours Camp Eagle (YD814153) received two (2) incoming 122mm rockets. Firing batteries directed to fire color plans. Aerial rocket artillery and light ship dispatched. The enemy rocket attack resulted in damage to two CH47 and one AH1G aircraft and damage to two tents. Friendly artillery expenditures were: Btry C, 2d Bn (Ambl), 320th Arty: 120 HE; Btry C, 1st Bn, 39th Arty: 69 HE; Btry C, 1st Bn (Ambl), 321st Arty: 72 HE; Btry C, 2d Bn (Ambl), 11th Arty: 2 HE; Btry B, 1st Bn, 83d Arty: 6 HE; Btry B, 2d Bn, 94th Arty: 31 HE and Btry B, 4th Bn (Aerial Artillery), 77th Arty (Ambl): 11 rockets and 150 40mm. Negative assessment. Btry C, 2d Bn (Ambl), 319th Arty moved by air from FSB Shepherd (XD936410) to Camp Evans (YD541318). Btry C, 2d Bn (Ambl), 11th Arty (2 howitzers) moved from FSB Shepherd (XD936410) to FSB Arsenal (YD813080).

(23) 4 Dec: Btry B, 2d Bn (Ambl), 320th Arty moved its lone howitzer from FSB Saber (YD899188) by air to FSB Roy (ZD059032). Btry C, 2d Bn (Ambl), 320th Arty moved one howitzer from FSB Saber (YD899188) by air to FSB Tomhawk (ZD11701A). LTC Hoenstein assumed command of 2d Bn (Ambl), 320th Arty from LTC Walton.

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(24) 5 Dec: Btry A, 1st Bn (Ambl), 321st Arty moved by air from LZ Sally (YD639271) to FSB Normandy (YD690016). Btry A, 34th Arty (ARVN) moved by air from FSB Nancy (YD438392) to FSB Lane (YD290401)

(25) 7 Dec: Two sections of Btry C, 4th Bn (Aerial Artillery), 77th (Ambl) conducted an artillery raid vicinity FSB Saigon (XD817274) and FSB Erskin (YD159111). One LOH from Btry A, 377th Arty (Ambl) was used by the arty aerial observer. Btry C, 4th Bn (Aerial Artillery), 77th Arty (Ambl) expended 259 rockets on 13 targets destroying 6 huts, 5 sampans and 3 bunkers. Six huts and 3 bunkers were damaged.

(26) 8 Dec: Btry C, 1st Bn, 39th Arty moved by road from Phu Dai (YD878128) to FSB Trenchawk (ZC117014). Btry B, 1st Bn, 39th Arty moved by road from FSB Trenchawk (ZC117014) to Phu Dai (YD878128).

(27) 9 Dec: Btry C, 2d Bn (Ambl), 319th Arty moved 2 howitzers by road from Camp Evans (YD541318) to FSB Omaha (YD683335).

(28) 10 Dec: LTC Joseph L. Sites replaced LTC Louis Friedersdorff as commander of the 2d Bn (Ambl), 11th Arty.

(29) 11 Dec: Btry B, 2d Bn (Ambl), 319th Arty moved by air from Camp Evans (YD541318) to FSB O'Reilly (YD323258).

(30) 12 Dec: Btry C, 2d Bn (Ambl), 319th Arty moved 2 howitzers by road from FSB Omaha (YD683335) to Camp Evans (YD541318).

(31) 13 Dec: Btry A, 1st Bn (Ambl) 321st Arty moved by air from FSB Normandy (YD690016) to Camp Sally (YD639271).

(32) 20 Dec: Btry C, 4th Bn (Aerial Artillery), 77th Arty (Ambl) 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. Btry B, 2d Bn (Ambl), 319th Arty moved by air from FSB O'Reilly (YD325259) to FSB Jack (YD492279).

(33) 24 Dec: Btry C, 4th Bn (Aerial Artillery), 77th Arty (Ambl) launched one section of aerial artillery to assist the 2d Bn (Ambl), 506th Inf during a contact. Btry C, 4th Bn (Aerial Artillery), 77th Arty (Ambl) expended 51 rockets killing 3 NVA/VC.

(34) 25 Dec: Btry C, 4th Bn (Aerial Artillery), 77th Arty (Ambl) was launched in reaction to a ground contact expending 155 rockets and killing 4 NVA.

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(35) 27 Dec: The div arty 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 (Anbl) from LTC Thomas H. Spence.

(36) 28 Dec: Btry C, 4th Bn (Aerial Artillery), 77th Arty (Anbl) supported the 1st Bn, 1st ARVN Regt in a ground contact, expending 134 rockets resulting in 9 NVA 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: Btry A, 2d Bn (Anbl), 11th Arty moved by air from FSB Rakkasan (YD490198) to FSB Jack (YD497232). Btry A, 2d Bn (Anbl), 320th Arty moved by air from FSB Roy (YD335955) to FSB Thor (YD665835). Btry A, 2d Bn (Anbl), 320th Arty and Btry A, 4th Bn (Aerial Artillery), 77th Arty (Anbl) conducted an artillery raid from FSB Thor (YD665835). Btry A, 2d Bn (Anbl), 320th Arty expended 940 rounds and Btry A, 4th Bn (Aerial Artillery), 77th Arty (Anbl) expended 133 rockets resulting in 36 huts, 353 fighting positions, 4 wooden bridges and 32 bunkers destroyed. Eight cultivated fields and 19 suspected enemy locations were engaged with unknown results.

(39) 4 Jan: Btry C, 4th Bn (Aerial Artillery), 77th Arty (Anbl) assisting elements of the 2d Sqdn, 17th Cav fired on enemy locations resulting in 3 VC/NVA KIA, and 8 bunkers, 6 huts and 4 lean-to's destroyed. Btry A, 2d Bn (Anbl), 320th Arty moved by air from FSB Thor (YD665835) to FSB Roy (YD335955). Btry A, 2d Bn (Anbl), 319th Arty moved by air from FSB Rakkasan (YD490198) to Camp Evans (YD535315).

(40) 5 Jan: Btry C, 2d Bn (Anbl), 319th Arty moved by air from FSB Jeanne (YD552395) to Camp Evans (YD535315). Elements of division artillery have expended over 2,500,000 rounds since their employment in Viet Nam.

(41) 6 Jan: Btry C, 4th Bn (Aerial Artillery), 77th Arty (Anbl) assisting ARVN infantrymen in contact expended 98 rockets killing 2 NVA soldiers.

(42) 8 Jan: Btry A, 1st Bn (Anbl), 321st Arty moved four howitzers by air from Camp Sally (YD639274) to FSB Blaze (YD536023). Btry B, 2d Bn (Anbl), 11th Arty moved three howitzers by air from FSB Bastogne (YD622095) to FSB Blaze (YD536023).

(43) 10 Jan: Btry A, 1st Bn (Anbl), 320th Arty moved four howitzers and Btry B, 2d Bn (Anbl), 11th Arty moved three howitzers by air from FSB Blaze (YD536023) to FSB Sally (YD639274) and FSB Bastogne (YD622095) respectively.

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(44) 12 Jan: Btry A, 1st Bn (Ambl), 321st Arty moved by air from Camp Sally (YD639274) to FSB 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 Bn (Ambl), 319th Arty moved by air from Camp Evans (YD535314) to FSB Shepherd (XD934410). Btry A, 2d Bn (Ambl), 11th Arty moved two howitzers from FSB Jack (YD495287) to FSB Shepherd (XD934410).

(47) 17 Jan: Btry C, 2d Bn (Ambl), 319th Arty moved by air from FSB Shepherd (XD934410) to Camp Evans (YD535314). Btry A, 2d Bn (Ambl), 11th Arty moved two howitzers by air from FSB Shepherd (XD934410) to FSB Jack (YD495287).

(48) 24 Jan: Btry A, 2d Bn (Ambl), 319th Arty moved by air from Camp Evans (YD535314) to FSB Davis (YD253290) and conducted an artillery raid expending 1275 rounds of ammunition. Btry C, 4th Bn (Aerial Artillery), 77th Arty (Ambl) assisted and expended 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 Bn (Ambl), 319th Arty returned to Camp Evans.

(49) 25 Jan: Btry A, 1st Bn (Ambl), 321st Arty moved by air from FSB Strike (YD577171) to Camp Sally (YD638274).

(50) 27 Jan: Btry C, 2d Bn (Ambl), 319th Arty moved by air from Camp Evans (YD535314) to FSB 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 Bn (Ambl), 320th Arty moved by air from FSB Roy (ZD058033) to FSB Lanyard (YD898200).

(53) 31 Jan: FSB 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 swift 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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Artillery (Airmobile), Period Ending 31 January 1970,
AFCS CSFOR-65 (R2) (U)

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 AH1G 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.

c. Intelligence: Ground surveillance devices

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

(2) Evaluation:

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

(b) 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 (IO) 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 oblique, 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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(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# 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 cannoners 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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Artillery (Airmobile), Period Ending 31 January 1970,
RCS CSFOR-65 (R2) (U)

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

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.

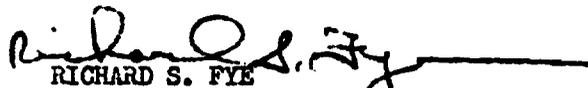
(2) Evaluation: Within division artillery, the requirement exists for 46 3KW 400CY generators and 6 10KW 400CY generators. As of February 1970, an inventory of generator requisitions for division artillery units showed 24 3KW 400CY and 4 10KW 400CY generators on valid requisition. The requisitions date back to 15 October 1969. The commander's critical items list (CCIL) indicates that the expected delivery date for these generators in country is 20 April 1970. The basis of issue for these generators is two per system, i.e. AN/TPS-25 radar, AN/MPQ-4 radar, FADAC, 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
LTC, FA
Commanding

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- 3 - CG, USARVN, ATTN: AVHG-DST
APO US Forces 96375
- 3 - USARPAC ATTN: AVHGC-DST
- 4 - CG, XXIV Corps, ATTN: AVII-GOT
- 7 - CG, 101st Airborne Division (Airmobile)
- 1 - Hq & Hq Entry, 101st Airborne Division Artillery (Airmobile)
- 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.

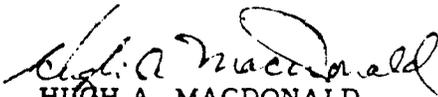
2. The following comments are submitted:

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

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AVII-00T (12 Feb 70) 2A Ind

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

DA, HQ, XXIV Corps, APO San Francisco 96349

25 MAR 197

TO: Commanding General, United States Army, Vietnam, APO San Francisco 96375

1. (U) The ORLL of the 101st Airborne Division Artillery (Airmobile) has been reviewed and is forwarded in accordance with AR 525-13.
2. (C) This headquarters concurs with the report as indorsed with the following added comments.

a. Reference paragraph 3a (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 fire 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 3c (1), page 13. 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 (M107/M110). 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
ASST AG

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AVHGC-DST (12 Feb 70) 3d Ind
SUBJECT: Operational Report - Lessons Learned 101st Airborne Division
Artillery (Airmobile), Period Ending 31 January 1970, RCS,
CSFOR-65 (R2) (U)

Headquarters, United States Army, Vietnam, APO San Francisco 96375 MAR 1970

TO: Commander in Chief, United States Army, Pacific, ATTN: GPDP-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 indorsing 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:

(1) The Training Directorate of MACV is in process of having the Vietnamese translation of the M114A1 Howitzer Operator's Manual printed.

(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. D. Murray
L. D. MURRAY
CPT, AGC
Assistant Adjutant General

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GPOP-DT (12 Feb 70) 4th Ind (U)
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

D.D. CLINE
2LT, AGC
Asst AG

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Security Classification

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