



DEPARTMENT OF THE ARMY  
 HEADQUARTERS 8<sup>TH</sup> INFANTRY DIVISION  
 OFFICE OF THE COMMANDING GENERAL  
 APO NEW YORK 09111

AETHCG

9 January 1978

MEMORANDUM FOR: ASSISTANT DIVISION COMMANDERS  
 BRIGADE COMMANDERS  
 DIVISION GENERAL AND SPECIAL STAFF

SUBJECT: '78 Division Evaluations per ARTEP 71-2 - CARDINAL POINT II

1. This memorandum furnishes initial planning guidance for CARDINAL POINT II. As a "cardinal point" is a main direction indicator on the compass, so FTX CARDINAL POINT will show us and V Corps where to go in preparing for and controlling REFORGER '78. But the Pathfinders are going to hold a second CARDINAL POINT, in much the same area as our February exercise, using the same scenario, extending from 13 July through 2 September. CARDINAL POINT II will be structured around Army Training Evaluation Program 71-2, and will serve to orient our professional compasses both over the next six months as we prepare for it, and afterwards, when we can address diagnosed weaknesses in our FY 79 training.

2. I envisage CARDINAL POINT II as seven, sequential, evaluated exercises, each of 10 days, each for two battalion task forces - a tank battalion and an infantry battalion, to permit cross-reinforcement - with two brigade headquarters and division headquarters committed during each exercise to assist in control and evaluation. The participating battalions will be assigned missions during the exercise, requiring each (1) to execute preparations for implementing wartime plans, to include alert and upload of all ammunition; (2) to conduct road marches, day and night; (3) to emplace on the ground one or more company battle positions; (4) to participate in a battle simulation/field exercise in task force defensive and offensive tactics; (5) to fire all weapons assigned through platoon echelon; (6) to resupply, and maintain to meet the 8ID 90% standard. The table below forecasts participation by dates in July (J), August (A), and September (S):

BDE		BN	DATES	
CNTL	BS	(TF)	START	FINISH
1	4	1-68 A	13 J	22 J
1	4	2-28 I	13 J	22 J
1	4	4-69 A	20 J	29 J
1	4	2-87 I	20 J	29 J

(continued next page)

BDE		BN	DATES	
CNTL	BS	(TF)	START	FINISH
4	3	1-70 A	27 J	5 A
4	3	3-28 I	27 J	5 A
4	3	2-68 A	3 A	12 A
4	3	2-22 I	3 A	12 A
3	2	3-68 A	10 A	19 A
3	2	2-13 I	10 A	19 A
3	2	5-68 A*	17 A	26 A
3	2	1-39 I	17 A	26 A
2	1	1-87 I#	24 A	2 S
2	1	1-13 I#	24 A	2 S

\*Participation 5-68 Armor contingent upon M60A1 conversion dates.

# Tank platoons from 1-68 and 2-68 Armor.

3. Basic guidance for preparing for CARDINAL POINT II is ARTEP 71-2. Inclosure 1 lists the missions which will be evaluated. You will note that this plan meets or exceeds the minimum evaluation requirements stipulated in the ARTEP. Note also that Division must publish 9 8ID T&EO, setting forth tasks, conditions, and standards different from those published in ARTEP 71-2, but more closely related to our actual GDP requirements. These 8ID T&EO will be available NLT 1 March; to the extent practicable, they will be based on CARAVAN EXPRESS or on the ARTEP T&EO; the latter may be used for planning purposes in the interim.

4. As an aid in visualizing how CARDINAL POINT II will be conducted, refer to the following diagram:

EVENTS:	(a)	(b)	(c)	(d)	(e)
TK	ALERT	FORM TF;	TABK PLATOONS;	MTD	
	LOAD		TABLE IX AND	NAV	MOVE,
BN	MOVE		REALTRAIN		MAINTAIN
		FTX			
INF	ALERT	DEFENCE	INF PLT &	MTD	
	LOAD	&	SQD: FIRING	NAV	MOVE,
BN	MOVE	DELAY			MAINTAIN
DAY	1	2 3 4	5 6 7 8	9	10

\*Events (a) occur from garrison, where the unit executes an alert to a simulated ASP for loading of basic load ammunition (simulated by weighted boxes of appropriate weight and cube, which will be carried throughout the exercise), to a forward assembly area, in accordance with a CARAVAN EXPRESS-like scenario.

\*Events (b) occur beginning in the assembly area, and involve troop leading procedures for establishing several company-team battle positions. At least one infantry team per task force will be required to dig a defense position. Maneuver rights area off-post near Baumholder will be used for portion of this exercise. Battle positions will be evaluated on the ground, and which the use of a battle simulation.

\*Events (c) will split participants into three groups: tank platoons will shoot Table IX day and night using .50 caliber, sub calibre devices, and half-scale targets, plus participating in a REALTRAIN exercise; battalion and company commanders, plus headquarters companies, will take part in a battle simulation/field exercise, in which actual ground is used, and real time-distance is played for displacement of command posts, etc., but participating teams and combat outcomes are portrayed via CAMMS or PEGASUS (full logistic and personnel play is planned); at the same time, infantry platoons and squads will fire through exercises at Baumholder. Tank and infantry platoons will be under platoon leader's control throughout Events (c).

\*Events (d) involve return of the unit to garrison and start of post operations maintenance under NCO control, while simultaneously, (e), officers complete a mounted navigation course. Evaluation of mortar platoons, scouts, support platoon, Redeye, and GSR sections will be integrated into Events (a), (b), and (c). The exercise will end with evaluation of post operations maintenance.

\*N.B. this plan makes little use of "random sampling." All platoons, tank, mortar, infantry, and scout will fire their weapons. Evaluation will report numbers of crews or units meeting T&EO standards.

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RAUL F. GORMAN  
Major General, USA  
Commanding

## CARDINAL POINT II

ARTEP 71-2

1987

BATTALION TASK FORCE

Msn No.	Planned Mission	How Evaluated*	Remarks:
Chap 8			
8-6	Defense	BS	
8-7	Delay	BS	
8-2	Hasty Attack	BS	
8-8	Disengage	BS	
8-3	Deliberate Attack	BS	
8-5	Night Attack	BS	
8-4	Exploitation	BS	
8-9	Defense Built-up Areas	BS	1 <sup>st</sup> BDE TF only
8ID-1	Movement to GDP	FTX	8ID T&EO based on Caravan Express III
Chap 9			
9-2	Operate in EW Environment	BS	
9-3	Passage of Lines	BS	
9-5	Treatment and Evacuation Casualties	BS, FTX	
9-6	NBC Protective Measures	BS, FTX	
9-7	Crossing a Water Obstacle	FTX	Incorporated in 8ID-1
9-12	OPSEC	BS	
9-11	Armored Vehicle Recognition	FTX	Incorporated into 8ID-4 and 8ID-5
9-10	Tactical Movement	FTX	8ID-1
Chap 10			
10-1 thru 10-12D	Control & Coordination of Operations	BS	
Chap 11	Interact w/ARTY, ENGR, USAF	BS	

\*BS = Battle Simulation (cf. p. 3-1); FTX = Field Exercise

COMPANY TEAM

Ms No.	Planned Mission	How Evaluated*	Remarks:
Chap 8			
8-15	Defense	FTX	All Teams
8-16	Delay	FTX	All Teams
8-17	Prep Strong Pt	FTX	Selected Inf teams
8-18	Disengage	FTX	All Teams
N.B.:			
	1) Mission 8-10 - Movement to Contact		Substitute 8ID-1
	2) Mission 8-11, 8-12 - Co Cmdr Eval during BS		
	3) Mission 9-7 - Eval via 8ID-1		
Chap 9			
9-2	Operate in EW Environment	FTX	
9-3	Passage of Lines	FTX	
9-6	NBC Protective Measures	FTX	
9-8	Processing POW	FTX	
9-9	Movement Techniques	FTX	
9-10	Tactical Movement	FTX	
9-11	Armored Vehicle Recognition	FTX	
9-12	OPSEC	FTX	
9-13	Install a Hasty Protected Minefield	FTX	

<u>HEADQUARTERS COMPANY</u>			
Msn No.	Planned Mission	How Evaluated*	Remarks:
8-20	Cbt Spt & Cbt Sve Spt	FTX	
<u>TANK/MECH PLATOON</u>			
8-21	Not to Contact	FTX	REALTRAIN (TK PLT)
8ID-2	Hasty Attack	FTX	REALTRAIN (TK PLT); amplifies 8-22 to include night navigation and maintenance
8-29	Battle Run	FTX	TK PLT only; Table IX, half scale
8-25	Def against AC	FTX	Inf PLT only
<u>MECH RIFLE SQUAD</u>			
8ID-8	Forced Mch/Live Fire	FTX	8-32 modified for 8 man squad
8-33	Anti-armor Ambush	FTX	All
8ID-3	Mech Crew Firing	FTX	All; 8-35 amplified; includes LAW, hand grenades, and clay-more, plus DRAGON
<u>SCT PLATOON</u>			
8-36	Route Recon	FTX	
8-38	Area Recon	FTX	
8ID-4	OP Operations	FTX	8ID T&EO stressing observing and reporting
8ID-5	Mounted Navigation Course	FTX	
<u>SCT SQUAD</u>			
8-40	Firing Prof	FTX	All
<u>107 MORT PLATOON</u>			
8ID-6	Ind Fire Spt	FTX	8-42 amplified to incorporate FIST
<u>81MM MORT PLATOON</u>			
8ID-7	Ind Fire Spt	FTX	8-42 amplified to incorporate FIST
<u>REDEYE SECTION</u>			
8-45	Redeye: A Def Spt	FTX	

<u>GSR SECTION</u>			
Msn No.	Planned Mission	How Evaluated*	Remarks:
8-44	GSR Spt	FTX	
<u>AT SQD/SECTION/PLATOON</u>			
8-46	TOW: AT Fire	FTX	
8-49	LAW: AT Spt	FTX	
8ID-3	DRAGON: AT Spt	FTX	Selected Individuals; same standard as 8ID-3
<u>SUPPORT PLATOON</u>			
8ID-9	Resupply	FTX, BS	
<u>OFFICERS</u>			
8ID-5	Mounted Navigation Course	FTX	All Officers