

FRIENDLY UNIT SYMBOLS

Infantry	Armor	Artillery	Antiarmor	Reconnaissance
Chemical	Air Defense	Engineer	Airborne	Motorized
Supply	Communications	Wheeled	Amphibious	Rotary Wing
Fixed Wing	Maintenance	Transportation	Mechanized Infantry	Airborne Infantry
Avenger	Stinger	Patriot	Theater Missile Defense	Air Assault Infantry
SSM	FSSG	EAC - CSS	AAV	Force Recon
Medical	Dental	Support	MAGTF	Special Forces
Civil Affairs	Public Affairs	Military Intelligence	Military Police	SEALs
Electronic Warfare	Arctic	Motorized Infantry	ANGLICO	LAR
PSYOPS	UAV	Observation Post	Sensor	Air Defense Radar

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No. 92007 Pa

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TACTICAL MISSION GRAPHICS

Tactical task graphics are for use in course of action sketches, synchronization matrixes, and maneuver sketches. They do not replace any part of the operation order or operations overlay. The graphics should be scaled to fit the map scale and size of unit for which they are being used. Where practical, the tactical mission graphic should connect with the decision graphic or unit graphic at the center of the bottom of the symbol.

Ambush	Contain	Follow and Assume	Support by Fire
Attack by Fire	Counterattack	Follow and Support	Secure
Block	Counterattack by fire	Interdict	Retain
Breach	Delay	Isolate	Seize
Bypass	Destroy	Neutralize	Retirement
Canalize	Disrupt	Occupy	Withdraw
Clear	Fix	Penetrate	Withdraw under pressure
Cover	Guard	Screen	Relief in place

SECTOR SKETCH PREPARATION

Make card and copy for each primary, alternate and supplementary position.

STEP	ACTION	✓
1	Draw your unit sector or EA.	
2	Draw main terrain features in sector(s) and range to each.	
3	Draw subunit positions.	
4	Draw subunit primary and secondary sectors of fire.	
5	Draw weapon positions with primary sectors of fire for each.	
6	Draw MEL for each weapon/ammo.	
7	Draw machine gun/cannon final protective lines or principal direction of fire.	
8	Draw location of CP/OP.	
9	Draw TRPs and RPs in sector.	
10	Draw mines/obstacles.	
11	Draw indirect fire target locations/final protective fire locations.	
12	Draw and label dead space.	
13	Draw patrol routes.	
14	Draw locations, sector of fire of other weapons in your sector.	
15	Draw location of NODs for use in limited visibility plan.	
16	Place your unit ID, DTG prepared, and magnetic north arrow on sketch (pencil).	

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ENEMY UNIT SYMBOLS



Infantry



Mechanized
Infantry



Armor



Antiarmor



Air Defense



Motorized
Infantry



Cavalry /
Reconnaissance



Motorized
Scouts



Armored
Cavalry / Scouts



Airborne
Infantry



Attack Helicopter
(on ground)



Attack Helicopter
(in flight)



Artillery



Self-Propelled
Artillery



Engineers



Air Assault Infantry
(without aircraft)



Air Assault Infantry
(with aircraft)



Air Defense
Radar



Artillery Locating
Radar



Mechanized
Engineers



Chemical



Maintenance



Medical



Signal



All Classes
Of Supply

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CLASSES OF SUPPLY



Class I: Food



Class II: Clothing, individual equipment
tentage, organizational tool sets



Class III: Petroleum Supply



Class IV: Construction and barrier material



Class V: Ammunition



Class VI: Personal Demand



Class VII: Major Assemblies



Class VIII: Medical Supply



Class IX: Repair Parts



Class X: Agricultural and nonmilitary
material not in other classes
of supply

STANDARD RANGE CARD PREPARATION

STEP	ACTION
1	Enter squad, platoon, company designation on top left side of card.
2	Determine magnetic north using compass, and sketch in magnetic north with the arrow of the symbol pointing in the direction of magnetic north.
3	Enter required info in data section (position ID, DTG, weapon, circle scale).
4	Determine the location of the gun position in relation to a prominent terrain feature (within 1000m) such as a hilltop, road junction, or building (if no prominent feature is within 1000m, write eight-digit map coordinates). Draw terrain feature, determine azimuth as well as distance to/from, and annotate.
5	<p>Sketch in assigned sectors of fire, dead space, and grazing fire using appropriate military symbols applicable to the weapons system being used:</p> <p>A) Primary sector with PDF (sketch limits of primary sector, symbol of weapon system pointing in direction of PDF).</p> <p>B) Primary sector with FPL (sketch limits of primary sector and extend the symbol for weapon system being used with FPL along FPL line).</p> <p>C) Secondary sector (sketch limits of secondary sector. Area between primary and secondary sector of fire should be shown as dead space).</p>
6	Sketch in prominent natural and man-made terrain features and any likely targets in the assigned sector of fire, both primary and secondary. Annotate ranges to targets (Primary in data section, secondary below target in sketch).
7	Determine data for targets in the primary sector (Target number, direction/deflection, elevation, range, ammo, description) and enter it into the data block.

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SECTOR SKETCH EXAMPLE



Scale: 1 square = 25m

U.S. ARMY TROOP LEADING PROCEDURES

STEP	ACTION	✓
1	Receive mission.	
2	Issue warning order.	
3	Make tentative plan.	
4	Initiate necessary movement.	
5	Conduct Reconnaissance.	
6	Complete plan.	
7	Issue orders.	
8	Supervise and refine.	

U.S.M.C. TROOP LEADING STEPS

STEP	ACTION	✓
1	Begin planning.	
2	Arrange for reconnaissance coordination.	
3	Make reconnaissance.	
4	Complete the plan.	
5	Issue the orders.	
6	Supervise activities.	

NOTES:

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RANGE CARD PREPARATION

SQD 2ND
PLT 3RD
CO A

May be used for all types of direct fire weapons.

↗
MAGNETIC
NORTH



DATA SECTION

POSITION IDENTIFICATION _____ DATE 20 APR

WEAPON M240B EACH CIRCLE EQUALS 100 METERS

NO.	DIRECTION/DEFLECTION	ELEVATION	RANGE	AMMO	DESCRIPTION
1	—	+50/3	600		FPL
2	R275	+50/45	550		BARN
3	L102	0/28	475		ROAD JUNCTION
4	L370	0/12	400		BOULDER

REMARKS: ① -4
③ TW N/LB

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9-line IED / UXO REPORT

Line 1.	Date Time Group Discovered.		
<i>DD</i>	<i>HH</i>	<i>MM</i>	<i>MONTH YEAR</i>
Line 2.	Reporting Activity: Unit Identification Code and location (grid of UXO).		
<i>UIC</i>	<i>8 DIGIT GRID</i>	<i>LOCATION</i>	
<i>DETAILS</i>			
Line 3.	Contact Method: Radio Freq / Call Sign, POC, Phone Number.		
<i>FREQ</i>	<i>CALL SIGN</i>	<i>POC</i>	<i>PH. #</i>
Line 4.	Type/Number of Ordnance: Dropped, Projected, Placed, or Thrown. Describe Item Details (Without approaching-due to potential tripwire) Size, shape, color, and condition (intact or leaking). Hazard Area.		
<i>DROPPED</i> <input type="checkbox"/>	<i># of UXO</i>	<i>HAZARD AREA</i>	
<i>PROJECTED</i> <input type="checkbox"/>			
<i>PLACED</i> <input type="checkbox"/>	<i>DETAILS</i>		
<i>THROWN</i> <input type="checkbox"/>			
Line 5.	NBC Contamination: Known or suspected, report type of agent.		
<i>YES</i> <input type="checkbox"/>	<i>AGENT</i>	<i>DETAILS</i>	
<i>NO</i> <input type="checkbox"/>			
Line 6.	Resources Threatened: Report any assets that are threatened.		
<i>EQUIPMENT</i>	<i>FACILITY</i>	<i>OTHER</i>	
Line 7.	Impact on Mission. Current tactical situation. Does UXO affect status?		
Line 8.	Protective Measures: Measures taken to protect personnel/equipment.		
Line 9.	Recommended Priority: Response by EOD technicians or engineers.		
IMMEDIATE	Stops the unit's maneuver and mission capability, or threatens critical assets vital to the mission.		
INDIRECT	Slows the unit's maneuver and mission capability, or threaten critical assets important to the mission.		
MINOR	Reduces the unit's maneuver and mission capability, or threatens noncritical assets of value.		
NO THREAT	Has little or no affect on the unit's capabilities or assets.		

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EVALUATE A CASUALTY / FIRST AID

STEP	ACTION	✓
1	Airway - clear and maintain.	
2	Bleeding - stop.	
3	Cover and protect wound.	
4	Prevent or treat shock.	
5	Check for fractures, burns, concussion.	
6	Avoid moving suspected neck or back injuries.	
7	Do not give water to abdominal wound except to moisten lips.	
8	Seek medical aid.	

SPOT REPORT / SALUTE

LINE	ITEM
1	Size
2	Activity
3	Location
4	Unit/Uniform
5	Time observed
6	Equipment

ARTILLERY COUNTERFIRE

SHELREP - MORTREP - BOMBREP

LINE	ITEM
A	Call sign
B	Coordinates of observer
C	AZ to flash or sound
D	Time shelling started
E	Time shelling ended
F	Coordinates of shelled areas
G	Number of guns
H	Nature of fire
I	Number, type and caliber of rounds
J	Flash-to-bang-time
K	Damage

NOTES:

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NBC-1 REPORT

LINE	ITEM	*CHEM/BIO
B	Position of observer (UTM coord)	
C	Direction of attack from observer (Degrees) (Mils)	
D	Date-time group of detonation/*area attacked (DTC)	
F	Location of attack/*area attacked (Actual) (Estimated) (UTM coord)	
G	Means of delivery (artillery, mortar, spray, etc.)	
H	Height of burst/*type of agent (Air) (Surface) (Unknown)	

NBC-4 REPORT

LINE	ITEM
H	Height of burst/*agent-type (Air) (Surface) (Unknown)
Q	Location of reading (UTM coord) (Air) (Liquid)
R	Dose rate - measure in open, 1 meter above the ground (cGy/hr)
S	DTG of initial reading

NOTES:

CALL FOR FIRE

1. " _____ de _____ AF/FFE/SEAD [POLAR or SHIFT] (TGT#) _____ k"

2. "GRID _____ k"

(POLAR) "DIR _____ DIS _____ U/D _____ VA +/- _____ k"

(SHIFT) "DIR _____ L/R _____ +/- _____ U/D _____ k"

3. (TARGET DESCRIPTION) _____ "

(METHOD OF ENGAGEMENT) _____ "

" _____ "
[DANGER CLOSE/MARK/HIGH OR LOW ANGLE/AMMO (HE/Quick Standard) VOL OF FIRE]

(METHOD OF FIRE AND CONTROL) _____ "

" _____ "
[When READY is Standard/AMC/CANNOT OBS/TOT/COORD or CONT ILLUM/CAS TOT]

SUPPRESSION, IMMEDIATE SUPPRESSION, AND IMMEDIATE SMOKE

" _____ de _____ SUPP/IMMED SUPP/IMMED SMK"

"(TGT #) _____ k"

"GRID _____ k"

(POLAR) "DIR _____ DIS _____ U/D _____ VA +/- _____ k"

(SHIFT) (TGT#) "DIR _____ L/R _____ +/- _____ U/D _____ k"

MESSAGE TO OBSERVER

"MTO _____ ROUNDS _____ OUT"
(unit to fire) (changes) (#Of rounds in FFE) (TGT#) (other)

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CAS BRIEFING FORM (9 Line)

(Omit data not required, do not transmit line numbers. Units of measure are standard unless otherwise specified. * Denotes minimum essential in limited communications environment. Bold denotes readback items when requested.)

Terminal controller: " _____ , this is _____ "
(aircraft call sign) (terminal controller)

*1. IP/BP: " _____ "

*2. Heading: " _____ " (magnetic).
(IP/BP to target)

Offset: " _____ " (left/right) "

*3. Distance: " _____ "
(IP-to-target in nautical miles / BP-to-target in meters)

*4. Target elevation: " _____ " (in feet MSL)

*5. Target description: " _____ "

*6. Target location: " _____ "
(latitude/longitude or grid coordinates or offsets or visual)

7. Type mark: " _____ " Code: " _____ "
(WP, laser, IR, beacon) (actual code)

Laser to target line: " _____ degrees"

*8. Location of friendlies: " _____ "

Position marked by: " _____ "

9. Egress: " _____ "

In the event of a beacon bombing request, insert beacon bombing chart line numbers here.

Remarks (As appropriate): " _____ "
(threats, restrictions, danger close, attack clearance, SEAD, abort codes, hazards)

NOTE: for AC-130 employment, lines 5, 6, and 8 are mandatory briefing items. Remarks should also include detailed threat description, marking method of friendly locations (including magnetic bearing and distance in meters from the friendly position to the target, if available) identifiable ground features, danger close acceptance.

Time on target (TOT): " _____ "

OR
Time to target (TTT): "Stand by _____ plus _____ Hack"

LINE ITEM	EXPLANATION
1. Location of Pickup Site.	Encrypt grid coordinates. When using <i>DRYAD Numerical Cipher</i> , the same <i>SET line</i> will be used to encrypt grid zone letters and coordinates. To preclude misunderstanding, a statement is made that grid zone letters are included in the message (unless unit SOP specifies its use at all times).
2. Radio Frequency, Call Sign, Suffix.	Encrypt the frequency of the radio at the pickup site, <i>not</i> a relay frequency. The call sign (and suffix if used) of person to be contacted at the pickup site may be transmitted in the clear.
3. No. of Patients by Precedence.	Report only applicable info & encrypt brevity codes. A = Urgent, B = Urgent-Surg, C = Priority, D = Routine, E = Convenience. (If 2 or more categories reported in same request, insert the word "break" btwn. each category.)
4. Spec Equipment.	Encrypt applicable brevity codes. A = None, B = Hoist, C = Extraction equipment, D = Ventilator.
5. No. of Patients by Type.	Report only applicable information and encrypt brevity code. If requesting MEDEVAC for both types, insert the word "break" between the litter entry and ambulatory entry: L + # of Pnt - Litter; A + # of Pnt - Ambul (sitting).
6. Security Pickup Site (Wartime).	N = No enemy troops in area, P = Possibly enemy troops in area (approach with caution), E = Enemy troops in area (approach with caution), X = Enemy troops in area (armed escort required).
6. Number and type of Wound, Injury, Illness (Peacetime).	Specific information regarding patient wounds by type (gunshot or shrapnel). Report serious bleeding, along with patient blood type, if known.
7. Method of Marking Pickup Site	Encrypt the brevity codes. A = Panels, B = Pyrotechnic signal, C = Smoke Signal, D = None, E = Other.
8. Patient Nationality and Status.	Number of patients in each category need not be transmitted. Encrypt only applicable brevity codes. A = US military, B = US civilian, C = Non-US mil, D = Non-US civilian, E = EPW.
9. NBC Contamination (Wartime).	Include this line only when applicable. Encrypt the applicable brevity codes. N = nuclear, B = biological, C = chemical
9. Terrain Description (Peacetime).	Include details of terrain features in and around proposed landing site. If possible, describe the relationship of site to a prominent terrain feature (lake, mountain, tower).

Reference: FM 8-10-6, *Medical Evacuation in a Theater of Operations*, pages 7-7 through 7-9.

04051002660N

0-92-671266-1:NBST
8089-829-10-0266-1:NBST

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MEDEVAC REQUEST FORM

GTA 08-01-004

LINE	ITEM	EVACUATION REQUEST MESSAGE
1	Location of Pickup Site.	
2	Radio Frequ., Call Sign, & Suffix.	
3	No. of Patients by Precedence.	
4	Special Equipment Required.	
5	Number of Patients by Type.	
6	Security of Pickup Site (Wartime).	
6	Number and Type of Wound, Injury, or Illness (Peacetime).	
7	Method of Marking Pickup Site.	
8	Patient Nationality and Status.	
9	NBC Contamination (Wartime).	
9	Terrain Description (Peacetime).	

Reference: FM 8-10-6, *Medical Evacuation in a Theater of Operations*, pages 7-7 through 7-9.