

EXPIRES: 15 July 2015

I0067
I0271

TRANSMITTAL, ACTION AND CONTROL

For use of this form see MCoE Memo 25-52; the proponent is SGS

1. SGS LOG: ES 14131380	2. IN SGS: 15 Jul 14	3. OUT SGS: 17 July 14 4p	4. DATE PREPARED: 7/2/2014
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5. SUBJECT:
MALONE 3 SURFACE DANGER ZONE WAIVER

6. ACTION OFFICER/OFFICE SYMBOL/PHONE NUMBER: Brad Tesch, Chief, Range Operations, 706-544-6385	7. DIRECTOR'S/COMMANDER'S SIGNATURE: <i>[Signature]</i>
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SIGNATURE APPROVAL INFORMATION

SGS Editor Garrison CSM USAIS CSM USAARMS CSM MCoE CSM CDID
 GC CIG CofS SA Comdt, IN School Comdt, AR School CG

1. PURPOSE: To obtain the MCoE Commanding Generals approval for Malone 3 Range Safety Waiver.

2. RECOMMENDATION: Commanding General signs the Malone 3 Range Safety Waiver

3. DISCUSSION:
Reference: AR 385-63, Range Safety, 30 Jan 2012, DA PAM 385-63, Range Safety, 30 Jan 2012, TRADOC Reg. 385-2, TRADOC Safety Program, 23 Jan 2009, Composite Risk Management Policy. MCoE Reg. 350-19, Mar 2013.

a. Malone 3 is an individual-squad live fire range. Malone 3 has two fire team positions seperated by a protective berm that allows two fire teams to simultaneous independent fire and maneuver on the course while engaging targets at various ranges. Scenario determined by user approved FB 350-19-1-E-R

b. Area to be waived: Surface Danger Zone on both sides of Malone 3 be reduced to allow simultaneous independent maneuvering on each fire team lane.

c. Using units must have an approved Composite Risk Management Worksheet signed off by Post Safety and turned into Range Control prior to use.

d. The above reference (TRADOC Reg 385-2) delegates waiver authority to General Officers commanding TRADOC installations to reduce dimensions of SDZ's when terrain, artificial barriers, other barriers or the controlling factors make small danger zones safe.

SIR: Recommend approve. Recurring annual waiver for this Range. Fully staffed & coordinated. Zero incidents in last 3 yrs. All units may use this standard waiver to support their training

4. THIS DOCUMENT IS AUTHORED BY: *BRAD TESCH* *1/R BOB BROWN*

8. COORDINATION/APPROVAL

S: *ASAP*

OFFICE	ACTION	NAME AND DATE	OFFICE	ACTION	NAME AND DATE
Range Div	<i>CONCUR</i>	<i>Br S. on 2 Jun 14</i>			
Safety	<i>CONCUR</i>	<i>[Signature] 7/2/14</i>			
DPTMS	<i>CONCUR</i>	<i>[Signature] 7/15/14</i>			
G-3	<i>CONCUR</i>	<i>LTC AVER 7/15/14</i>			

STAFF REMARKS: (Command Group Use Only)

APPROVAL AUTHORITY

APPROVED:

DISAPPROVED:

NOTED:

Return to GS - 545-2918
CSM CONCUR [Signature] 15 Jul 14



DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCELLENCE
1 KARKER STREET
FORT BENNING, GEORGIA 31905-5000

16 JUL 2014

IMBE-PL

MEMORANDUM FOR Director, Plans, Training, Mobilization, and Security, U.S. Army Garrison, Fort Benning, Georgia 31905

SUBJECT: Range Safety Waiver for Malone 3 (Buddy/Fire Team Live Fire)

1. REFERENCE:

- a. Army Regulation 385-63, Range Safety, 30 Jan 2012.
- b. A Pamphlet 385-63, Range Safety, 30 Jan 2012.
- c. TRADOC Regulation 385-2, TRADOC Safety Program, 23 Jan 2009.
- d. MCoE Regulation 350-19, Mar 2013.

2. Training to be conducted: Buddy Team Training 2-3:

- a. BTT 2 – Buddy Team Dry and Blank Fire Exercise
- b. TT 3 – Buddy Team Live Fire Exercise

3. Area to be Waived:

4. Area #1: SDZ on both side of Malone 3 is reduced to allow simultaneous independent maneuvering on each fire team lane.

5. Controlling factors:

a. Units will fire within the limits of their respective lane. Lane safeties will maneuver with each Buddy/Fire Team to specifically ensure Soldiers fire within the left and right limits of their lane, and ensure no personnel cross over the protective berm. All personnel will wear IBA, Ballistic Helmet, Hearing and Ballistic Eye Protection while negotiating the lane. TCP's and/or barriers will be employed to prevent unauthorized entry to the Safety Zone or firing area. Soldiers not on the Firing Line will be located in an assembly area outside the Safety Zone. Commanders will ensure Soldiers have zeroed weapon they are training with and will adjust risk management measures based on environmental conditions as necessary. MSC Commanders are authorized to impose stricter measures as desired.

6. Supervision of control measures: All unit cadres are responsible for the safe conduct of

IMBE-PL

SUBJECT: Range Safety Waiver for Malone 3 (Buddy/Fire Team Live Fire)

training on the range. All roles, responsibilities, and control measures will be integrated in the Commanders Risk Management Worksheet.

7. The above reference TRADOC, Reg. 385-2 delegates' waiver authority to General Officers commanding TRADOC installations to reduce dimensions of SDZ's when terrain, artificial barriers, other barriers or the controlling factors make smaller danger zones safe.
8. Under the provisions of the references and controlling factors above, these portions of the SDZ are waived.
9. This waiver is valid for the period of one year when used in conjunction with live fire range scenario and risk management worksheet. In the event of an accident arising from the use of the waived condition, this waiver will be invalid until reinstated by this headquarters.
10. Point of contact is Mr. Brad Tesch, Operations Officer, Range Division, Director of Plans, Training, Mobilization, and Security, (706) 544-6385.



AUSTIN S. MILLER
Major General, USA
Commanding



DEPARTMENT OF THE ARMY
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FORT BENNING, GEORGIA 31905-5000

ATZB-SO

02 July 2014

MEMORANDUM FOR Director, DPTMS (Range Division), Attn: Mr. Brad Tesch, Fort Benning, GA 31905

SUBJECT: Range Safety Deviation for Malone 3 Waiver Safety Review

1. References.

- a. Range Safety Deviation for Malone 3 Waiver.
- b. Army Regulation 385-10, The Army Safety Program, 27 November 2013.
- c. Army Regulation 385-63, Range Safety, 30 January 2012.
- d. Department of the Army Pamphlet 40-501, Hearing Conservation Program, 10 December 1998.
- e. Department of the Army Pamphlet 385-10, Army Safety Program, RAR 19 January 2010.
- f. Department of the Army Pamphlet 385-30, Mishap Risk Management, RAR 01 February 2010.
- g. Department of the Army Pamphlet 385-63, Range Safety, 16 April 2014
- h. Army Techniques Publication 5-19, Risk Management, April 2014
- i. MCoE Regulation 350-19, Range and Terrain Regulation, 01 March 2013

2. Document received on 02 June 2014.

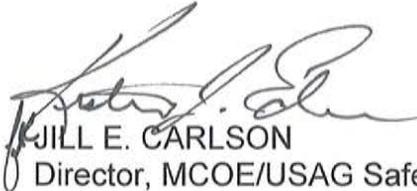
3. Concur w/comment. The layout of the SDZ for Malone 3 does not follow DA Pam 386-63, paragraph 3-2b(2), nor does it align with Figure 3-12. The diagram in use is based upon a worst case scenario of a Soldier shooting from the far right side of the range to the far left target on that lane. By laying out the SDZ in this manner, Area W is approximately 20% larger.

ATZB-SO

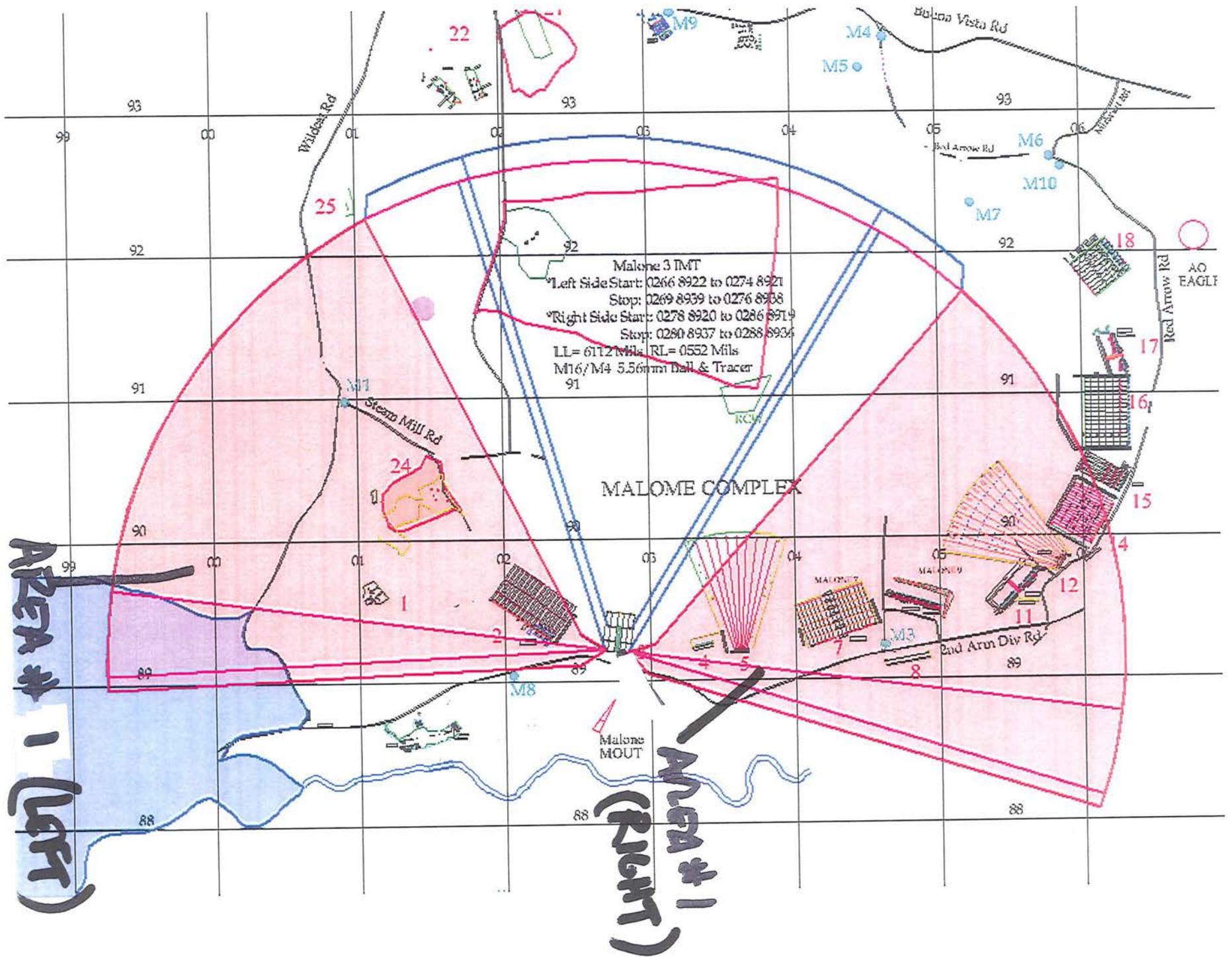
SUBJECT: Range Safety Deviation for Malone 3 Waiver Safety Review

4. The full performance of the Army Techniques Publication 5-19, Risk Management and DD Form 2977, begins immediately with full implementation set for 01 May 2015. The DD Form 2977 has replaced the DA Form 7566. The mandatory use of the 2977 is predicated upon the attrition of each form renewal, change in the risk approval authority, or document update.

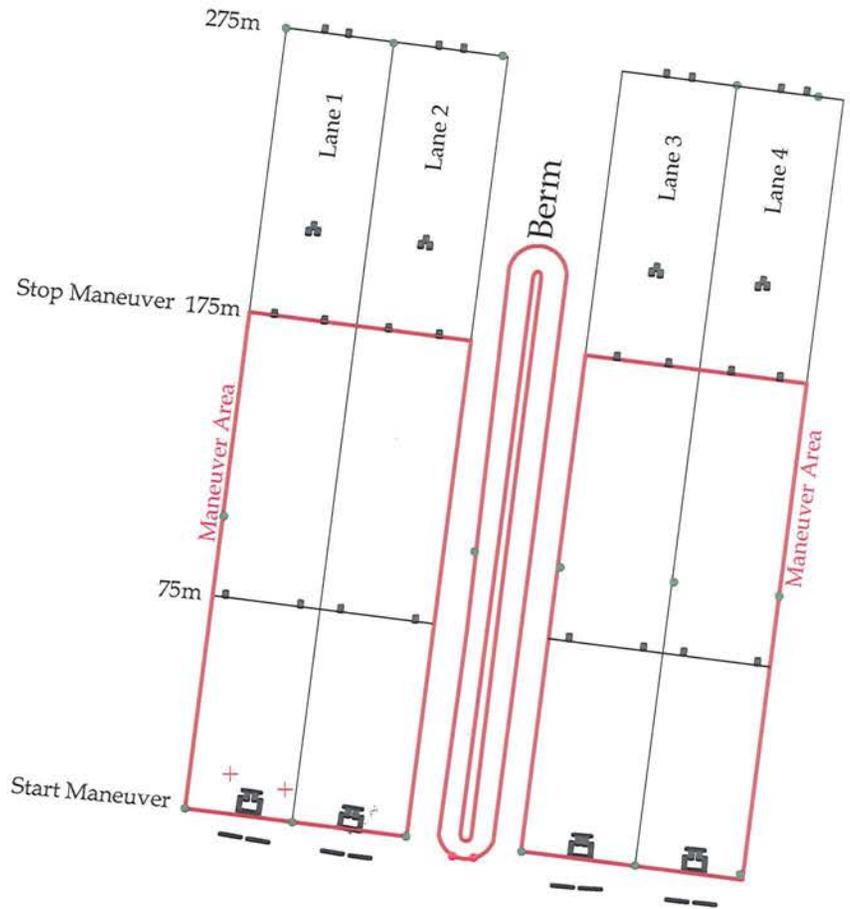
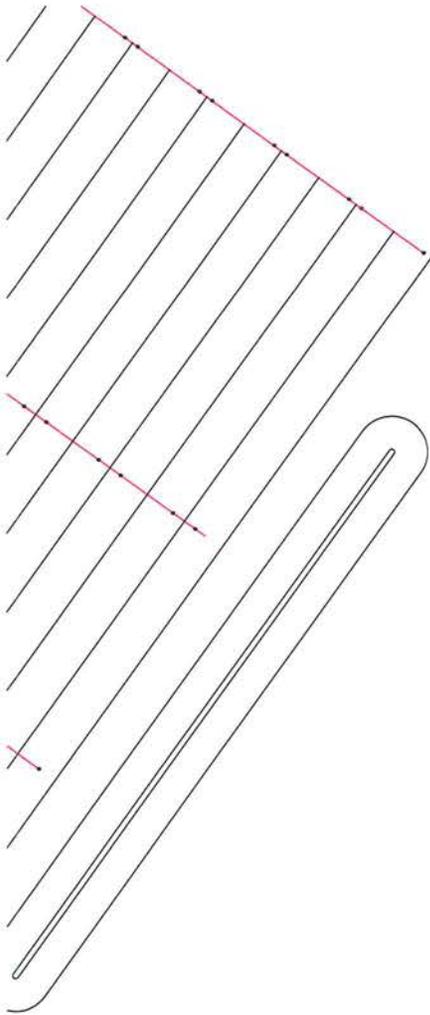
5. Point of contact is Mr. Michael W. Risher II, MCoE/Fort Benning Safety Office, Comm. (706) 545-8278, Govt. Cell. (706) 604-7249, michael.w.risher.civ@mail.mil



JILL E. CARLSON
Director, MCOE/USAG Safety

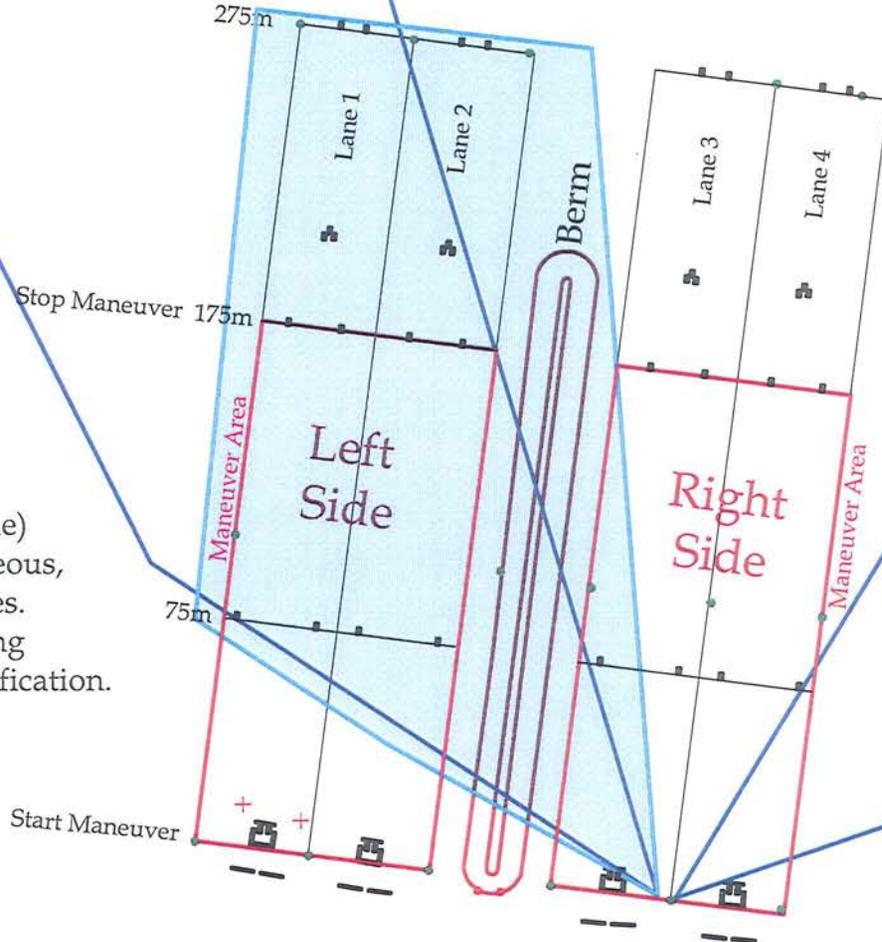


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3

Malone 3



Area of SDZ to Waive (Shown in Blue)
From Right Side Allowing Simultaneous,
Independent Maneuver on Both Sides.
The SDZ From The Left Side Covering
The Right Side Isn't Shown For Clarification.

AREA 1
(LEFT)

20

3

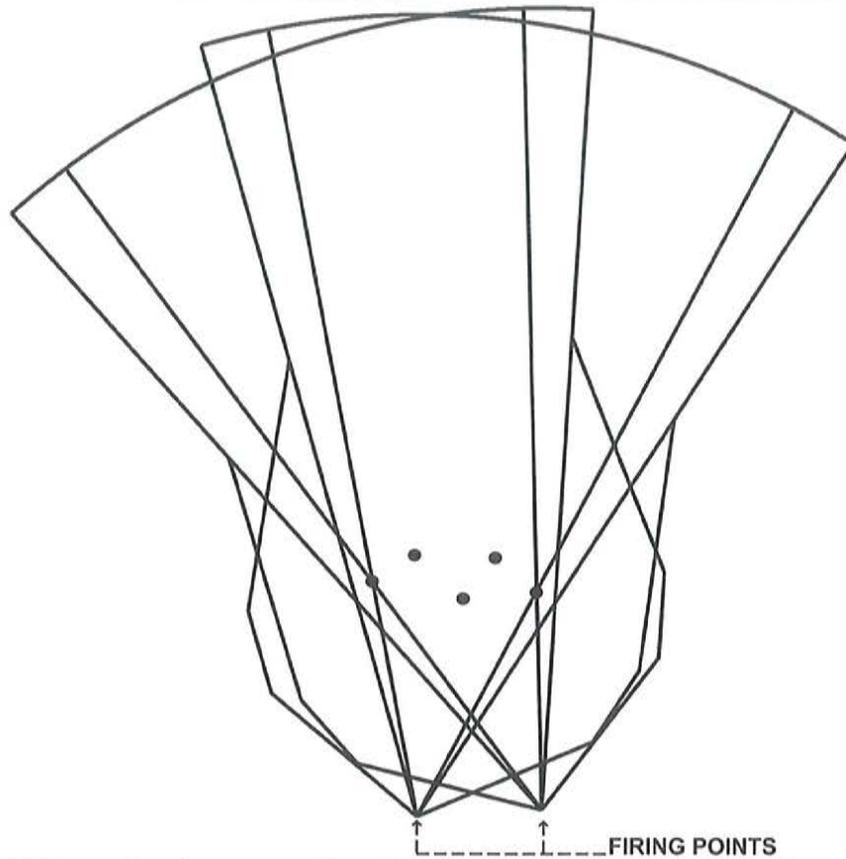


Figure 3-11. Multiple surface danger zone with multiple fixed firing points and multiple fixed or moving targets

(2) *Movement box.* A movement box is designed to accommodate movement to an objective. Shooters move within the designated "box" and may engage multiple targets or moving targets down range. For the Marine Corps, movement boxes for live-fire maneuver/movement exercises will use the batwing SDZ. For the Army, the batwing SDZ will be considered for movement boxes for live-fire maneuver/movement exercises. Figure 3-12 contains a movement box with the batwing SDZ. Target engagement scenarios must ensure fires remain within the established SDZ.

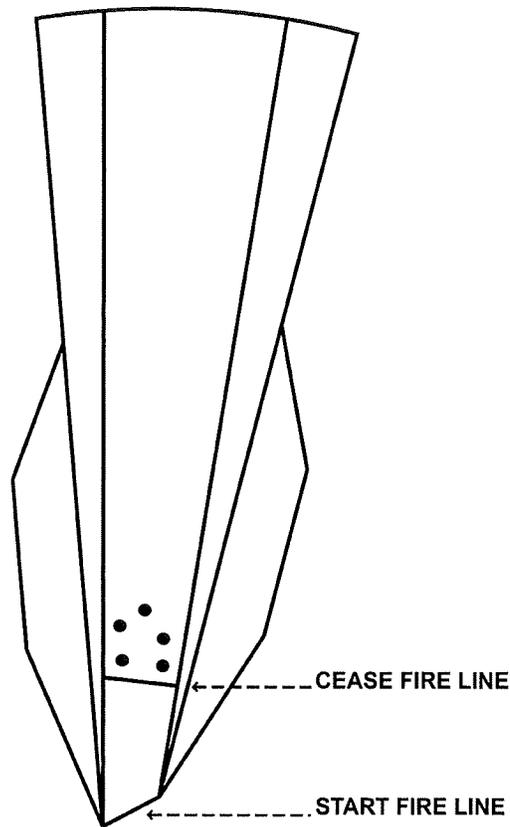


Figure 3-12. Movement box, multiple firing points, and fixed or moving targets

(3) Composite danger zones.

(a) CALFEXs (Army) and CAXs (Marine Corps) involve combined arms teams conducting coordinated fire and maneuver training in executing the assault, seizure, and defense of appropriate objectives. Tactical air support may be included with appropriate WDZs. Combining multiple danger zones for a CALFEX/CAX scenario is the definitive application of danger zones. Regardless of the number and types of danger zones a CALFEX/CAX requires, a systematic approach will result in successful definition of each LSDZ/SDZ/WDZ and allow training to be safely accomplished.

(b) Danger zones of multiple weapon systems in a CALFEX/CAX scenario result in a composite LSDZ/SDZ/WDZ. The composite LSDZ/SDZ/WDZ identifies total real estate requirements at a given sequence (or phase) of the exercise. Numerous sequenced or time-phased composite danger zones may exist depending on the complexity of a particular CALFEX/CAX. Figure 3-13 is a composite SDZ.