

10055

TRANSMITTAL, ACTION AND CONTROL

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

1. SGS LOG:	2. IN SGS:	3. OUT SGS:	4. DATE PREPARED:
ES 14131198	23 Jun 14	1 July 14 tp	13 May 2014

5. SUBJECT: Range Safety Waiver, Griswold Range

6. ACTION OFFICER/OFFICE SYMBOL/PHONE NUMBER:	7. DIRECTOR'S/COMMANDER'S SIGNATURE:
Pete Boutin / ATZK-SBB / 2-16th Cavalry S3, 706-626-8324	Oscar F. Diano, LTC AR, Commanding

<input checked="" type="checkbox"/> SIGNATURE	<input checked="" type="checkbox"/> APPROVAL	<input type="checkbox"/> INFORMATION
<input checked="" type="checkbox"/> SGS	<input type="checkbox"/> Editor	<input type="checkbox"/> Garrison CSM
<input type="checkbox"/> GC	<input type="checkbox"/> CIG	<input checked="" type="checkbox"/> CofS
<input type="checkbox"/> USAIS CSM	<input checked="" type="checkbox"/> USAARMS CSM	<input checked="" type="checkbox"/> MCoE CSM
<input type="checkbox"/> SA	<input checked="" type="checkbox"/> Comdt, IN School	<input type="checkbox"/> Comdt, AR School
		<input checked="" type="checkbox"/> CG

1. PURPOSE: To obtain approval from the MCoE Commanding General for use of Steel Targets during Live Fire Exercises on Griswold Range.

2. RECOMMENDATION: Commanding General's signs the Griswold Range Waiver

3. DISCUSSION: REFERENCES: AR 385-63, Range Safety, 30 January 2012, DA PAM 385-63, Range Safety, 30 January 2012, TRADOC Regulation 385-2, TRADOC Safety Program, 06 December 2011, MCoE Policy Memorandum 385-6-11, MCoE Steel Target Policy Memorandum 385-63-7, 27 Mar 2013

- Steel target firing will be on Griswold Range with a current approved packet by Range Operations.
- Waive the use of steel targets and the ballistics associated with its use as contractor data that was used to build SDZs has not been tested or validated by ARDEC and is classified as a deviation from established range standards and procedures as identified in DA PAM 385-63 and Army Regulation AR 385-63.
- The above reference (TRADOC Reg. 385-2) delegates waiver authority to General Officers commanding TRADOC installations to reduce the dimensions of Surface Danger Zones (SDZ) when terrain, artificial barriers, other barriers, or controlling factors make small danger zones safe

SIR: NO ISSUES. Fully staffed. Recurring ANNUAL waiver. Supports AR BOLC POP
w/ Bob Brown

4. THIS DOCUMENT IS AUTHORED BY:	8. COORDINATION/APPROVAL
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OFFICE	ACTION	NAME AND DATE	OFFICE	ACTION	NAME AND DATE
Range Ops	Concur	Bob S. Tech 9 Jun 14			
P Safety	Concur w/c	A. F. June 10 June 14			
DPTMS	Concur	K. Brown 6/19/14			
G3	Concur	Lt Col Auer 6/19/14			
G3XO	Concur	W. Johnson 17 Jun 14			

STAFF REMARKS: (Command Group Use Only)	APPROVAL AUTHORITY
CSM Concur 30 Jun 14 (Signature)	APPROVED:
	DISAPPROVED:
	NOTED:



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

IMBE-PLT-O

1 JUL 2014

MEMORANDUM FOR: Director, Plans, Training, Mobilization and Security, U.S. Army
Maneuver Center of Excellence, Fort Benning, GA 31905

SUBJECT: Range Safety Waiver for Use of Steel Targets by ABOLC 2-16th Cavalry on
Griswold Range.

1. References:

- a. Army Regulation 385-63, Range Safety, 30 January 2012.
- b. DA Pamphlet 385-63, Range Safety, 30 January 2012.
- c. MCoE Regulation 350-19, Range and Terrain Regulation, Mar 2013
- d. Maneuver Center of Excellence (MCoE) Policy Memorandum 385-63-7, Use of Steel Targets in Marksmanship Training, 27 Mar 2013.

2. Training to be conducted: The use of steel targets by ABOLC, 2-16th Cavalry during live fire training events allows for realistic training and immediate feedback to meet the required standards of mission readiness.

3. Waive the use of steel targets and the ballistics associated with its use as contractor data that was used to build SDZs has not been tested or validated by ARDEC and is classified as a deviation from established range standards and procedures as identified in DA PAM 385-63 and Army Regulation AR 385-63.

4. Controlling Factors: MCoE Policy Memorandum 385-63-7, Use of Steel Targets in Marksmanship Training, 27 March 2013, will be followed.

5. Composite Risk Management factors were considered in the development of the Range Safety Waiver. Units are responsible for having the Composite Risk Management Worksheet for this range completed, signed by appropriate personnel, and submitted to Range Operations prior to firing on this range.

6. Under the provisions of the references and controlling factors listed above, the areas listed in paragraph 3 above are waived.

IMBE-PLT-O

SUBJECT: Range Safety Waiver for Firing at Steel Targets on Griswold Range

7. 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 is invalid until reinstated by this headquarters.

8. Point of contact is CPT Nicholas M. James, Operations Officer, 2-16th Calvary, 706-626-8333 or nicholas.m.james.mil@mail.mil.

A handwritten signature in black ink, appearing to read 'H. R. McMaster', with a long horizontal flourish extending to the right.

H. R. MCMASTER
Major General, USA
Commanding

DELIBERATE RISK ASSESSMENT WORKSHEET

1. MISSION/TASK DESCRIPTION ABOLC Steel Target Engagement on Griswold & Galloway Ranges		2. DATE (DD/MM/YYYY) 07/05/2014	
3. PREPARED BY			
a. Name (Last, First, Middle Initial) James III, Nicholas M.		b. Rank/Grade CPT / 03	c. Duty Title/Position Squadron Operations Officer
d. Unit 2-16th Cavalry S3	e. Work Email nicholas.m.james.mil@mail.mil		f. Telephone (DSN/Commercial (Include Area Code)) 706-626-8333
g. UIC/CIN (as required) ATZK-SBZ	h. Training Support/Lesson Plan or OPORD (as required) ABOLC POI		i. Signature of Preparer JAMES.NICHOLAS.M.I. <small>Digitally signed by JAMES.NICHOLAS.M.I.1021155752 DN: c=US, o=U.S. Government, ou=DoD, ou=FKI, ou=USA, ou=JAMES.NICHOLAS.M.I.1021155752 Date: 2014.05.12 12:29:42 -0400</small>

Five steps of Risk Management: (1) Identify the hazards (2) Assess the hazards (3) Develop controls & make decisions
(4) Implement controls (5) Supervise and evaluate (Step numbers not equal to numbered items on form)

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
Marksmanship Training	1. Round Ricochets off a steel target and strikes a training attendee or safety.	H	RSO OIC will ensure targets are positioned with flat steel canted downward (-20) degrees to reduce backward ricochet	How: MCoE PM 385-63-7 Who: RANGE OIC / RSO /CADRE	M
			Shooters will only engage targets from a defined line/point at no less than 100 meters when 5.56mm ammunition	How: MCoE PM 385-63-7 Who: RANGE OIC / RSO /CADRE	
			Shooters will only engage targets IAW the approved FB 350-19 Range scenario	How: Approved FB 350-19 Who: RANGE OIC / RSO /CADRE	
			The RSO /OIC will inspect all targets to ensure extensively worn targets with dimples (slight surface depressions that are continued)	How: MCoE PM 385-63-7 Who: RANGE OIC / RSO /CADRE	
			1/32" deep are considered unserviceable.	How: Who:	

Additional entries for items 5 through 9 are provided on page 2.

10. OVERALL RESIDUAL RISK LEVEL (All controls implemented):
 EXTREMELY HIGH HIGH MEDIUM LOW

11. OVERALL SUPERVISION PLAN AND RECOMMENDED COURSE OF ACTION

12. APPROVAL OR DISAPPROVAL OF MISSION OR TASK APPROVE DISAPPROVE

a. Name (Last, First, Middle Initial) DIANO, OSCAR F.	b. Rank/Grade LTC / 05	c. Duty Title/Position SQUADRON COMMANDER	d. Signature of Approval Authority DIANO.OSCAR.FRI DRIK.1049983618 <small>Digitally signed by DIANO.OSCAR.FRI.DRIK.1049983618 DN: c=US, o=U.S. Government, ou=DoD, ou=FKI, ou=USA, ou=DIANO.OSCAR.FRI.DRIK.1049983618 Date: 2014.05.27 11:59:21 -0400</small>
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e. Additional Guidance:

DELIBERATE RISK ASSESSMENT WORKSHEET

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
			Unit will enforce fire control techniques: BURST or Automatic fire is not authorized.	How: MCoE PM 385-63-7, FB 350-19 Who: OIC /RSO/ Cadre	
			RSO will ensure no mechanical targets or other range structure within the 10m radius exclusion zone around the target and ensure	How: MCoE PM 385-63-7 Who: OIC /RSO/ Cadre	
			targets are set at oblique or perpendicular angles to the shooter Targets will be emplaced IAW manufacturers Data sheets	How: Who:	
			All personnel within the Safety zone Body Armor, Ballistic Helmet, ballistic eye protection, and gloves while steel targets are engaged.	How: MCoE PM 385-63-7 Who: OIC /RSO/ Cadre	
			TCPs / Barriers will be employed to prevent unauthorized entry to the safety zone or firing area. Non-firers will be located in the AA	How: MCoE PM 385-63-7 Who: OIC / RSO	
			Unit will ensure target arrays are not within (20) degrees of the splatter zone IOT minimize ricochet injury risk	How: MCoE PM 385-63-7 Who: OIC / RSO	
Severe Weather Procedures	Tornado / Electrical Storms / Fire / Blizzard Likely / Marginal	M	OIC will monitor Range Control net for weather updates and notify firing line as necessary. Safety Brief will address courses of action	How: TRADOC 385-62, MCoE 350-19 Who: OIC / RSO	L
Weather injury Prevention	Dehydration, Superhydration, Heat Injuries Likely / Marginal	H	NCO's will ensure water is available and intake is IAW with Wet Bulb Globe Index Matrix.	How: TRADOC 385-2 Who: OIC /RSO/ Cadre	M
Weather injury Procedures	Cold weather injuries Likely / Marginal	M	Cadre and Peer Coaches will monitor each other for symptoms. Cadre will ensure that a trained Medic or CLS is on hand with FLA	How: TRADOC 385-2 Who: OIC /RSO/ Cadre	L
			Cadre will all Soldiers are dressed in accordance with weather conditions monitor each other for symptoms with CLS or Medic	How: Who:	
Hearing Conservation	Hearing loss Likely / Marginal	M	All Cadre will ensure that Soldiers have ear plugs in prior to movement to the firing line. Additional ear plugs-on hand at ammo point.	How: TRADOC 385-2 / RG Safety Brief Who: OIC /RSC/ Cadre	L
Ammunition Procedures	Soldiers removing live ammunition from the range. Occasional/ Marginal	M	Upon completion , all Soldiers and their gear will be inspected by the lane safeties/ RSO. Amnesty box will be located at the ammo point.	How: TRADOC 385-2 / RG Safety Brief Who: OIC /RSC/ Cadre	L
Motor Vehicle Safety	Vehicular (tactical and POV) accidents enroute to range Seldom / Marginal	L	All posted speed limits and road conditions issued by range control will be obeyed. No POVs are authorized in the training area	How: TRADOC 385-2 / RG Safety Brief Who: OIC /RSC/ Cadre	L
Prevention of Wildlife Injuries	Wildlife on range Likely / Negligible	L	All Cadre, Safeties and Peer Coaches will ensure that no Soldier handles wildlife. Safety brief will address procedures prior to executio	How: Safety Brief /Environmental 144R Who: OIC /RSC/ Cadre	L