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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:
ES14130599	24 Apr 14	28 Apr 14	15 APR 14

5. SUBJECT: Range Safety Waiver - Zero SDZ Shoothouse Training (Farnsworth Shoothouse).

6. ACTION OFFICER/OFFICE SYMBOL/PHONE NUMBER:	7. DIRECTOR'S/COMMANDER'S SIGNATURE:
CPT SPADE, KYLE/AORG-SC-TO/706-545-3354	COL TULEY/AORG-DCO/ 706-545-3354 <i>[Signature]</i>

<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 type="checkbox"/> SA
<input type="checkbox"/> USAIS CSM	<input type="checkbox"/> USAARMS CSM	<input checked="" type="checkbox"/> MCoE CSM
<input type="checkbox"/> Comdt, IN School	<input type="checkbox"/> Comdt, AR School	<input checked="" type="checkbox"/> CG

1. PURPOSE: 75th Ranger Regiment requests that the Commanding General approve and sign the Safety Waiver for Farnsworth Shoothouse.

2. RECOMMENDATION: Commanding General signs the Farnsworth Shoothouse 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, 06 Dec 2011, MCoE Regulation 350-19, Range and Terrian Regulation 23 Jan 2010.

- a. Farnsworth Range is a multi-purpose range that allows Known Distance, CQM, CQC, SRM, ARM firing and a shoothouse.
- b. Risk management factors were considered in the development of the Range Safety Waiver. The residual risk is marked as moderate.
- c. The above reference (TRADOC Reg 385-2) delegates waiver authority to General Officers commanding TRADOC installations to reduce the dimensions of surface danger zones (SDZs) when terrian, artificial barriers, other barriers or the controlling factors make small danger zones safe.
  - i. Area to be waiver: from the external walls of the Farnsworth shoothouse to 3,437 meters in all directions.

*SIR: Recommend approve. No issues. Fully staffed. Recurring annual waiver.*  
*Y/R Bob Brown*

4. THIS DOCUMENT IS AUTHORED BY: CPT Spade, Regimental Training Officer

8. COORDINATION/APPROVAL

S:

OFFICE	ACTION	NAME AND DATE	OFFICE	ACTION	NAME AND DATE
Safety	review/waiver	Deborah White 22 Apr 14			
Range/Ops	CONCUR	Brig S. Lee 22 Apr 14			
DPTMS	CONCUR	K. Brown 4/23/14			
G3	CONCUR	LTC AILMES 4/23/14			

STAFF REMARKS: (Command Group Use Only)

*Return to G3 when complete*  
*- original to Range OPNS*  
*- copy to 75th*

APPROVAL AUTHORITY

APPROVED:

DISAPPROVED:

NOTED:



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

28 APR 2014

IMBE-PLT-R

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

SUBJECT: Range Safety Waiver – Zero SDZ Shoothouse Training (Farnsworth Shoothouse)

1. REFERENCES:

- a. AR 385-63, Range Safety, 30 January 2012.
- b. DA PAM 385-63, Range Safety, 30 January 2012.
- c. TRADOC Regulation 385-2, TRADOC Safety Program, 6 December, 2011.
- d. MCoE Regulation 350-19, Range and Terrain Regulation, 17 July 2013.

2. Area to be waived: For the Safety Designation Zone (SDZ) area that extends in a 360 degree-circle beyond the outer walls of the shoot house, reduce the distance from 3,437 meters to zero (0) meters based on the artificial barriers and controlling conditions.

3. Controlling Factors:

a. The shoot house is an Army-constructed and USASOC-Certified, two-story shoot house training facility designed to support SOF unit training with 5.56mm ball, blank, short-range training ammunition (STRA) simunitions, and 9mm ball ammunition. The facility is also certified for the employment of approved diversionary charges (flash bangs), surgical explosive breaching charges, shotgun door breaching, and specific non-automatic small arms weapon systems. All walls of the shoot house are made of hardened, steel plate with rubberized outer coating designed to absorb repeated firing of 5.56mm ball, shotgun ammunition, and 9mm ball ammunition (the only ammunition approved for use) without failure. Only the Haton or similar/small type shotgun rounds will be used in this facility.

b. Training experience and supervision: Soldiers will be trained to standard before conducting live fire training. Soldiers will be under direct control/supervision of the Officer in Charge (OIC), Range Safety Officer (RSO), and another qualified controller/trainer at all times. Target areas will be at eye level or below and away from doors or hallways that will allow any projectile to exit the building. Weapons and ammo will be accounted for at all times. Observers/controllers will monitor weapon orientation and call "CEASE FIRE" if any weapon is elevated above target level. Weapons will be locked and loaded after entering the outer interior wall of the shoot house only after given the command to do so, and weapons will be cleared prior to exiting. Bullet traps will be used to prevent excessive damage to the walls.

IMBE-PLT-R

SUBJECT: Range Safety Waiver - Zero SDZ Shoothouse Training (Farnsworth Shoothouse)

4. Periodic checks will be made of the walls for damage requiring replacement. For Company and Platoon level live fire exercises, the Battalion Commander, Operations Officer, Executive Officer, or Battalion Command Sergeant Major will validate the live fire to ensure safe execution. For exercises at the squad level and below, the Company Commander, Executive Officer or First Sergeant will validate the live fire scenario, observe the blank or dry fire to validate safety, and observe the live fire to ensure safe execution.
5. Risk management factors for this waiver are integrated in the unit's Risk Management Worksheet. The residual risk level is reduced to MODERATE; therefore, the associated risks as detailed in this memorandum are waived.
6. This waiver will be valid for one year. In the event of an accident arising from the use of this range under these waived conditions, this waiver becomes invalid until reinstated by this headquarters.
7. Point of contact is Mr. Brad Tesch, Operations Officer, Range Division, Directorate of Plans, Training, Mobilization, and Security, 706-544-6385.

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



Farnsworth  
Shoot House

Farnsworth Range Shoot House  
Area to Waive, SDZ 3437m Rad

Sunshine Road  
Chattahoochee River



DEPARTMENT OF THE ARMY  
HEADQUARTERS, 75<sup>TH</sup> RANGER REGIMENT  
6420 DAWSON LOOP  
FORT BENNING, GEORGIA 31905

REPLY TO  
ATTENTION OF

AORG-DCO

15 April 2014

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

SUBJECT: Range Safety Waiver – Zero SDZ Shoothouse Training (Farnsworth Shoothouse).

1. REFERENCES:

- a. AR 385-63, Range Safety, 30 January 2012.
- b. DA PAM 385-63, Range Safety, 30 January 2012.
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AORG-DCO

SUBJECT: Range Safety Waiver – Zero SDZ Shoothouse Training (Farnsworth Shoothouse).

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5. Risk management factors for this waiver are integrated in the unit's Risk Management Worksheet. The residual risk level is reduced to MODERATE; therefore, the associated risks as detailed in this memorandum are waived.
6. This waiver will be valid for one year. In the event of an accident arising from the use of this range under these waived conditions, this waiver becomes invalid until reinstated by this headquarters.
7. The point of contact is CPT Kyle Spade, Regimental Training Officer, at 706-545-3354 or [kyle.spade@ahqb.soc.mil](mailto:kyle.spade@ahqb.soc.mil).



COLIN P. TULEY  
COL, IN  
Deputy Commander



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

REPLY TO  
ATTENTION OF  
ATZB-SO

22 April 2014

MEMORANDUM FOR Commander, 75<sup>th</sup> Ranger Regiment, Attn: SFC Adam Baig, Fort Benning, GA 31905

SUBJECT: Range Safety Waiver – Farnsworth Range Zero SDZ Shoothouse Safety Review, (v2)

1. References.

- a. Farnsworth Range Zero SDZ Shoot house (v2), 17 March 2014.
- b. Army Regulation 385-10, The Army Safety Program, 23 November 2013
- c. Army Regulation 385-63, Range Safety, 19 May 2003
- 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, RAR 12 May 2009
- h. Field Manual 5-19, Composite Risk Management, August 2006
- i. MCoE Regulation 350-19, Range and Terrain Regulation, 23 July 2010

2. Document received on 22 April 2014.

3. Concur w/comment.

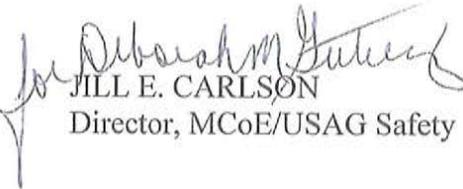
- a. Use of any 7.62 mm caliber automatic weapon system, or larger, in the shoot house is not authorized.

RB ✓

ATZB-SO

SUBJECT: Range Safety Waiver – Farnsworth Range Zero SDZ Shootouse Safety Review,  
(v2)

4. 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](mailto:michael.w.risher.civ@mail.mil)

  
JILL E. CARLSON  
Director, MCoE/USAG Safety



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

REPLY TO  
ATTENTION OF  
ATZB-SO

08 April 2014

MEMORANDUM FOR Commander, 75<sup>th</sup> Ranger Regiment, Attn: SFC Adam Baig, Fort Benning, GA 31905

SUBJECT: Range Safety Waiver – Farnsworth Range Zero SDZ Shoothouse Safety Review

1. References.

- a. Farnsworth Range Zero SDZ Shoot house, 17 March 2014.
- b. Army Regulation 385-10, The Army Safety Program, 23 November 2013
- c. Army Regulation 385-63, Range Safety, 19 May 2003
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- h. Field Manual 5-19, Composite Risk Management, August 2006
- i. MCoE Regulation 350-19, Range and Terrain Regulation, 23 July 2010

2. Document received on 08 April 2014.

3. Concur w/comment.

- a. Use of any 7.62 mm caliber automatic weapon system, or larger, in the shoot house is not authorized.

ATZB-SO

SUBJECT: Range Safety Waiver – Farnsworth Range Zero SDZ Shoothouse Safety Review

4. 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](mailto:michael.w.risher.civ@mail.mil)

  
JILL E. CARLSON  
Director, MCoE/USAG Safety