

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: 5 April 2016
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5. SUBJECT: Range-Waiver (Annual-& Recurring)--Booker Range Complex--75th Ranger Regiment

6. ACTION OFFICER/OFFICE SYMBOL/PHONE NUMBER: Bob Brown / IMBE - PL / 706-545-2918	7. DIRECTOR'S/COMMANDING SIGNATURE: <i>COL TOM GOLDNER, DEP CDL - ST</i>
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<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 type="checkbox"/> USAARMS CSM	<input type="checkbox"/> MCoE CSM
<input type="checkbox"/> SA	<input type="checkbox"/> Comdt, IN School	<input type="checkbox"/> Comdt, AR School
<input type="checkbox"/> CDID	<input checked="" type="checkbox"/> CG	

1. PURPOSE: Gain approval / on annual and recurring standard range waivers for all Fort Benning Ranges.

2. RECOMMENDATION: Approve

3. DISCUSSION:

1. The 75th Ranger Regiment routinely conducts deployment training on the Booker Range Complex. Training ranges from live fire in the shoot house to live mines and demolitions to live fire movement techniques. The waiver covers these areas and allows units to use all areas on Booker Range Complex simultaneously.

2. Areas to be waived:
- a. Simultaneous and independent range use of Booker Ranges 1 through 3 and the KD station. The breaching site, shoot house, station 4, and station 5 will be able to operate independently. SDZ's are mitigated by the surrounding berms between each breaching station and stations 1 through 3 and KD station and the containment walls of the shoot house.
 - b. Reduced Minimum Safe Distance (MSD) for participating personnel from 300 meters down to no less than 6 feet IAW RTC 350-19 (for max single charge = 1.5 pounds of C4). The bunker requirements MSD of 100 meters is reduced to 14 meters.
 - c. Reduced Safe Distance Zone (SDZ) for close quarter marksmanship inside the Booker shoot house to 0 degrees IAW RTC 350-1-2 (MOUT), and AR 350-10 (Rifle Marksmanship) standards. The SDZ extending 360 degrees beyond outer walls is reduced from 3049 to 0 meters.
 - d. Reduce the OIC grade by not more than one grade to Staff Sergeants for the Ranger Assault Breacher Course on Booker Breach site only.
 - e. AR 385-63: Senior Commander in grade of O7 must approve deviation(s).

① ANNUAL/RECURRING WAIVER
② SUPPORTS METL TASK TR

4. THIS DOCUMENT IS AUTHORED BY: Bob Brown, 706-545-2918

8. COORDINATION/APPROVAL

S:

OFFICE	ACTION	NAME AND DATE	OFFICE	ACTION	NAME AND DATE
Rng DIV	CONCUR	Brown 8 Apr 16			
Post Safety	Concur	R. Eden 11 Apr 16			
DPTMS	concur	Bob Brown 4/A/16			
G-3	concur	COL Goldner 4/20/16			

<p>STAFF REMARKS: (Command Group Use Only)</p> <p>Return to DPTMS for Distro.</p> <p>Sir, Recommend approve. Required for unit's live fire training mission. Recurring annual waiver. No incidents in last 12 months. Fully staffed and coordinated to be safe for Soldiers, adjacent ranges & down range locations. Thanks.</p> <p align="right">VR/ Bob Brown 4/19/2016</p>	<p>APPROVAL AUTHORITY</p> <p>APPROVED:</p> <p>DISAPPROVED:</p> <p>NOTED:</p>
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DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCELLENCE
1 KARKER STREET
FORT BENNING, GEORGIA 31905-5000

REPLY TO
ATTENTION OF

IMBE-PL

28 APRIL 2016

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

SUBJECT: Range Waiver – Booker Range Complex.

1. References:

- a. Army Regulation 385-63, Range Safety, 30 Jan 12.
- b. DA Pamphlet 385-63, Range Safety, 16 Apr 14.
- c. TRADOC Regulation 385-2, TRADOC Safety Program. 6 Dec 11.
- d. MCoE Regulation 350-19, Range and Terrain, 29 Jan 16.

2. DISCUSSION: The 75th Ranger Regiment routinely conducts deployment training on the Booker Range Complex. Training ranges from live fire in the shoot house to live mines and demolitions to live fire movement techniques. The waiver covers these areas and allows units to use all areas on Booker Range Complex simultaneously with certain restrictions.

3. Areas to be waived:

- a. Area #1: Simultaneous and independent station use of Booker Stations 1 through 3 to include the KD from the 400 yard line forward to the 300 yard line. Waiver does not cover firing from the 200 yard line (Open gap on berm from station 1 and 2). SDZs are mitigated by the surrounding berms between stations 1 through 3 and the KD station from the 400 yard line forward to the 300 yard line only. The breaching site and shoot house will be able to operate independently.
- b. Area #2: Simultaneous and independent station use of Booker stations 3 and 4. The SDZ extending 360 degrees beyond outer walls is reduced from 75 meters to 0 meters (UTM/CCMCK).
- c. Area #3: Reduced Minimum Safe Distance (MSD) for participating personnel from 300 meters down to less than 6 feet and IAW RTC 350-19 (For max single charge = 1.5 lbs of C4). The bunker requirements MSD of 100 meters is reduced to 14 meters.

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SUBJECT: Range Waiver – Booker Range Complex

d. Area #4: Reduced Surface Danger Zone (SDZ) for close quarter marksmanship inside Booker Shoot House to 0 degrees IAW Regimental Training Circular (RTC) 350-1-2 (MOUT), and AR 350-10 (Rifle Marksmanship) standards. The SDZ extending 360 degrees beyond outer walls is reduced from 3049 meters to 0 meters. Reduced Minimum Safe Distance (MSD) for participating personnel from 300 meters down to less than 6 feet and IAW RTC 350-19 (For max single charge = 1.5 lbs. of C4).

e. OIC Reduction: Reduce the OIC grade by not more than one grade to Staff Sergeants for the Ranger Breachers Course on Booker Breach Site only.

4. CONTROLLING FACTORS:

a. Area #1: All training will be contained within the berm compartment of each station allowing multiple Stations to be conducted simultaneously and independently. If the KD station is firing from the 200 yard line, stations 1 and 2 will be in a check fire status until all personnel are back in the protected portion of the station. No personnel will move past the protective berms without the direct consent of the Range OIC.

b. Area #2: All UTM/CCMCK training will be contained within the building of station 4 allowing station 3 to operate independently while station 4 is firing live with UTM/CCMCKs and Ball ammo from the upper floor of station 4 (Firing ball ammo from the windows only).

c. Area #3: All Rangers training will wear issued Personal Protective Equipment (PPE) to include ACH, ballistic eye-protection, level 3 body armor, hearing protection, and gloves while conducting ballistic breaches. The 8'x10'x15' protective wall mitigates participants at the Ammunition Holding Area, and mitigates effects of explosive breaches on Jamestown Road, eliminating the need for a bunker. Demolitions are accounted for by demo-qualified personnel at all times. Misfires are handled by qualified personnel. The direction of the blast is away from the protective wall. All verification by a current Ranger Master Breacher prior to charge initiation (Standard: Net Explosive Weight (NEW) in grains, cube root, and multiplied by the constant of 12 (Shielded) and 300 (Fragmentation distance)). The breach Site is monitored to prevent participating Rangers from moving outside the designated safe area during breaching. Any Rangers not directly participating in training are behind the protective wall at the breach site.

d. Area #4: The Army safety community approved the construction of the Shoot House to certified US Corps of Engineers standards. The walls of the Shoot-House are made of 36"x36" thick shock-absorbing concrete blocks, 10 feet high, designed to absorb repeated firing of 5.56mm ball, 9mm ball, 45 cal ball, 38 cal ball, 40 cal ball (The only live ammunition approved for use) without failure. Range personnel, to insure the integrity personnel of the design, will conduct periodic checks for damage and training fair-wear-tear. All personnel observing or participating in urban combat training will

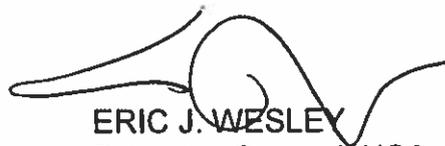
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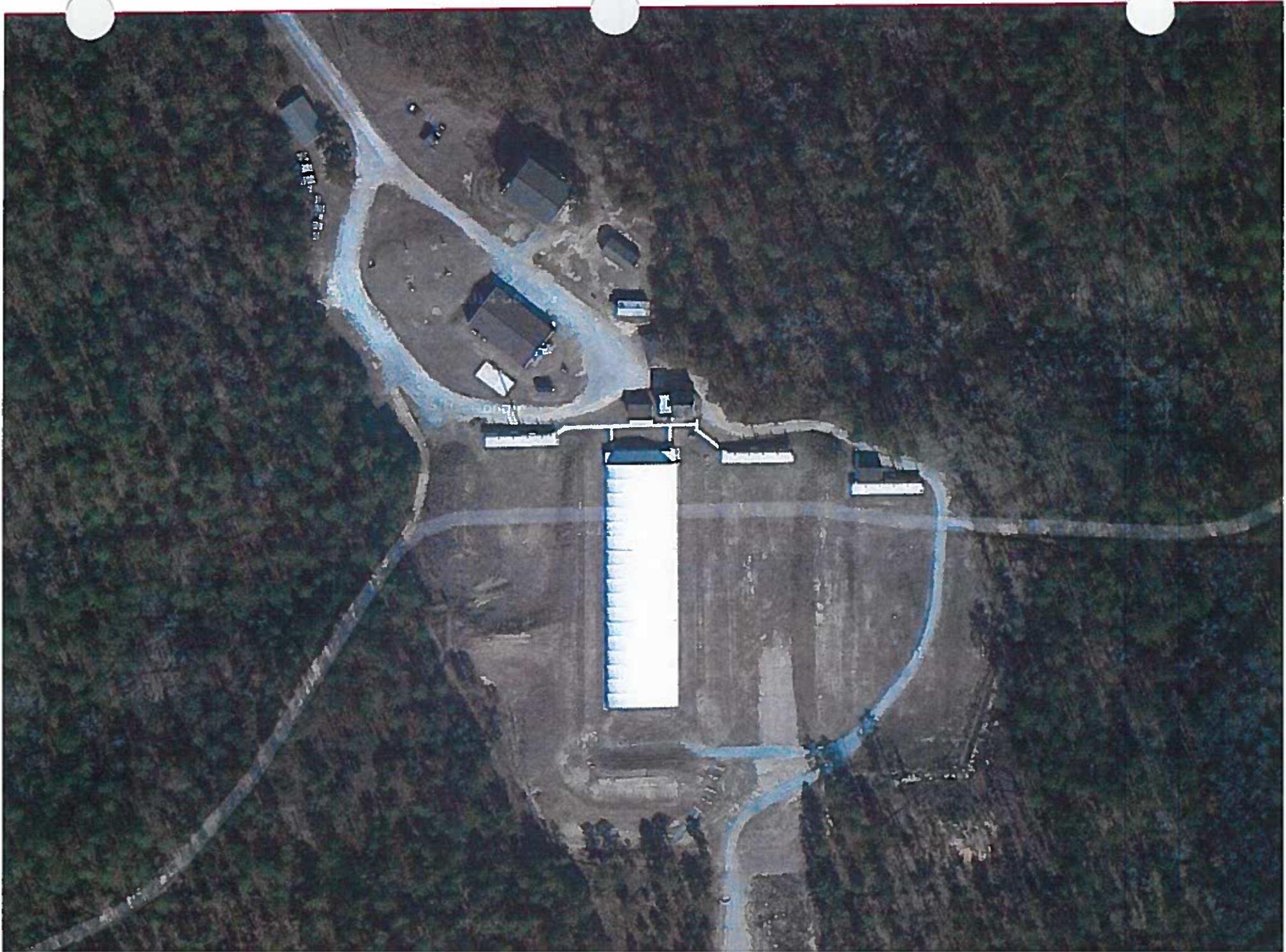
SUBJECT: Range Waiver – Booker Range Complex

wear proper personal clothing and equipment (PCE). Minimal PCE requirements for urban combat include ballistic helmet, body armor, hearing, and ballistic eye protection. Commanders are ultimately responsible for the safe conduct of the range operations. Demolitions will be done only inside the building and the rear entrance doors. Demolitions will not be done to the entrance door in front of the shoot house (Gap between entrance door and entrance area of shoot house).

e. OIC Reduction: The 75th Ranger Regiment routinely conducts the Range Assault Breacher Course on the Booker Range Complex. Department of the Army Pamphlet 385-63 specifies that the Officer in Charge (OIC) for live mines and demolitions be a minimum rank of Sergeant First Class. Due to limitations on how many Master Breacher Qualified Sergeants First Class are assigned to the regiment. The 75th Ranger Regiment requests deviation to use Staff Sergeants for demolitions OIC duties. All OICs will be Regimental Master Breacher qualified NCOs and have completed the established installation safety certification programs. OICs will be certified on all weapons systems and demolitions used during training and will ensure compliance with all applicable manuals, guidance, and directives. Demolitions are accounted for by demo-qualified personnel at all times. Misfires are handled by qualified personnel. The direction of blast is away from the protective wall. All verification by a current Ranger Master Breacher prior to charge initiation (Standard Net Explosive Weight (NEW) in grains, cube root, and multiplied by the constant of 12 (Shielded) and 300 (Fragmentation distance)). The breach site is monitored to prevent participating Rangers from moving outside the designated safe area during breaching.

5. Deliberate Risk Assessment Worksheet (DRAW) factors were considered in the development of the Range Safety Waiver. Units will be responsible for having the DRAW for this range completed and signed by appropriate personnel prior to firing on this range.
6. 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 conditions, this waiver becomes invalid until reinstated by this headquarters.
7. The point of contact for this action is Mr. Brad Tesch, Operations Officer, Range Division, Directorate of Plans, Training, Mobilization and Security, 544-6385.


ERIC J. WESLEY
Brigadier General, USA
Commanding





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

ATTENTION OF
ATZB-SO

08 April 2016

MEMORANDUM FOR Director, Plans, Training, Mobilization, and Security, U.S. Army Garrison, Attn: Mr. Brad Tesch, 1 Karker Street, Fort Benning, GA 31905

SUBJECT: DPTMS (Range Div) Booker Range SDZ Deviation DRAW and Safety Review

1. References.

- a. Army Regulation 385-10, The Army Safety Program, 27 November 2013.
- b. Army Regulation 385-63, Range Safety, 30 January 2012.
- c. Department of the Army Pamphlet 40-501, Hearing Conservation Program, 10 December 1998.
- d. Department of the Army Pamphlet 385-10, Army Safety Program, RAR 19 January 2010.
- e. Department of the Army Pamphlet 385-30, Risk Management, 02 December 2014.
- f. Department of the Army Pamphlet 385-63, Range Safety, 16 April 2014
- g. Army Techniques Publication 5-19, Risk Management, 14 April 2014
- h. MCoE Regulation 350-19, Range and Terrain Regulation, 01 March 2013

2. Document received on 08 April 2016.

3. Concur.

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


JILL E. CARLSON
Director, MCoE Safety

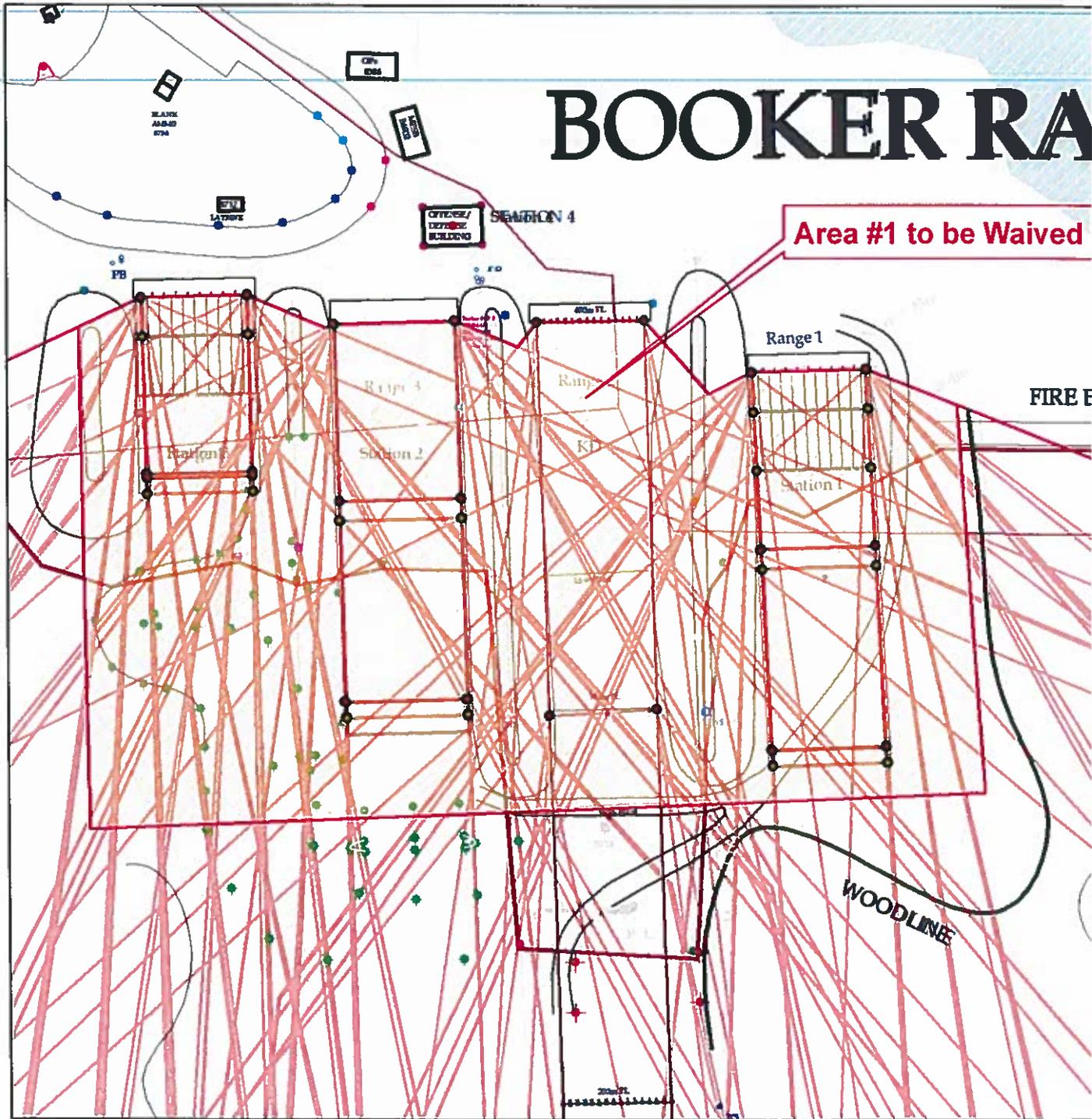


BOOKER UACC

- STATION 1: Individual/Team Task Technique Trainer.
- STATION 2: Squad/Platoon Task Technique Trainer.
- STATION 3: Grenadier Gunnery Trainer.
- STATION 4: Offense/Defense Building Task Technique Trainer.
- STATION 5: Underground Trainer.
- SHOOT-HOUSE
25m ZERO/CQM/AMT

Simul
SHOOTHOUSE SDZ
INSB POH BURKEL
UTM IN 4

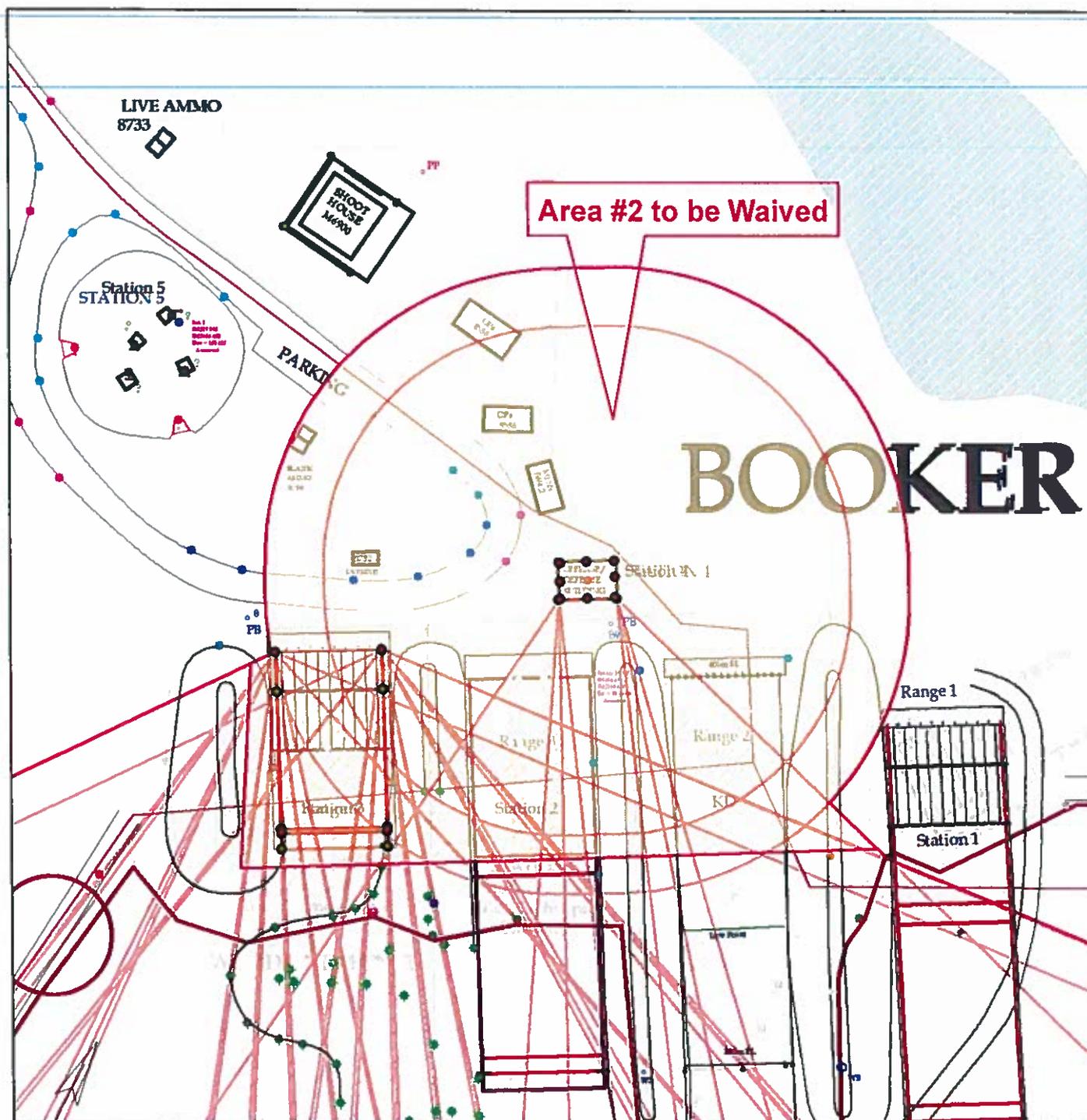
Unclassified
Weapon Type: SMALL ARMS
Weapon Caliber: composite



Range Manager Signature Authority: Mr. Tesch	Date:			
Approving Authority: John T. Flores	Date:			
SDZ Created By:	Date: 04/07/2016	Unit: 75th Ranger Reg	Phone:	Email:
SDZ Name: booker_waiver1	FP: 16SFA9841382367	FP: 16SFA9850182259	FP: 16SFA9836382270	FP: 16SFA983638
Installation: Fort Benning	FP: 16SFA9844282269	FP: 16SFA9847282258	FP: 16SFA9833982374	FP: 16SFA984988
Range Name: Multiple	FP: 16SFA9841582267	FP: 16SFA9839282367	FP: 16SFA9831282373	TP: 16SFA984508
Range Officer: OIC	FP: 16SFA9849682355	FP: 16SFA9836182366	FP: 16SFA9834082328	TP: 16SFA984238
Direct Fire	FP: 16SFA9846782354	FP: 16SFA9839382322	FP: 16SFA9831382327	TP: 16SFA984238
Aerial Target	FP: 16SFA9849982310	FP: 16SFA9836282321	FP: 16SFA9834082329	TP: 16SFA984978
FP: 16SFA9844082368	FP: 16SFA9846982309	FP: 16SFA9839482271	FP: 16SFA9831382328	TP: 16SFA984688

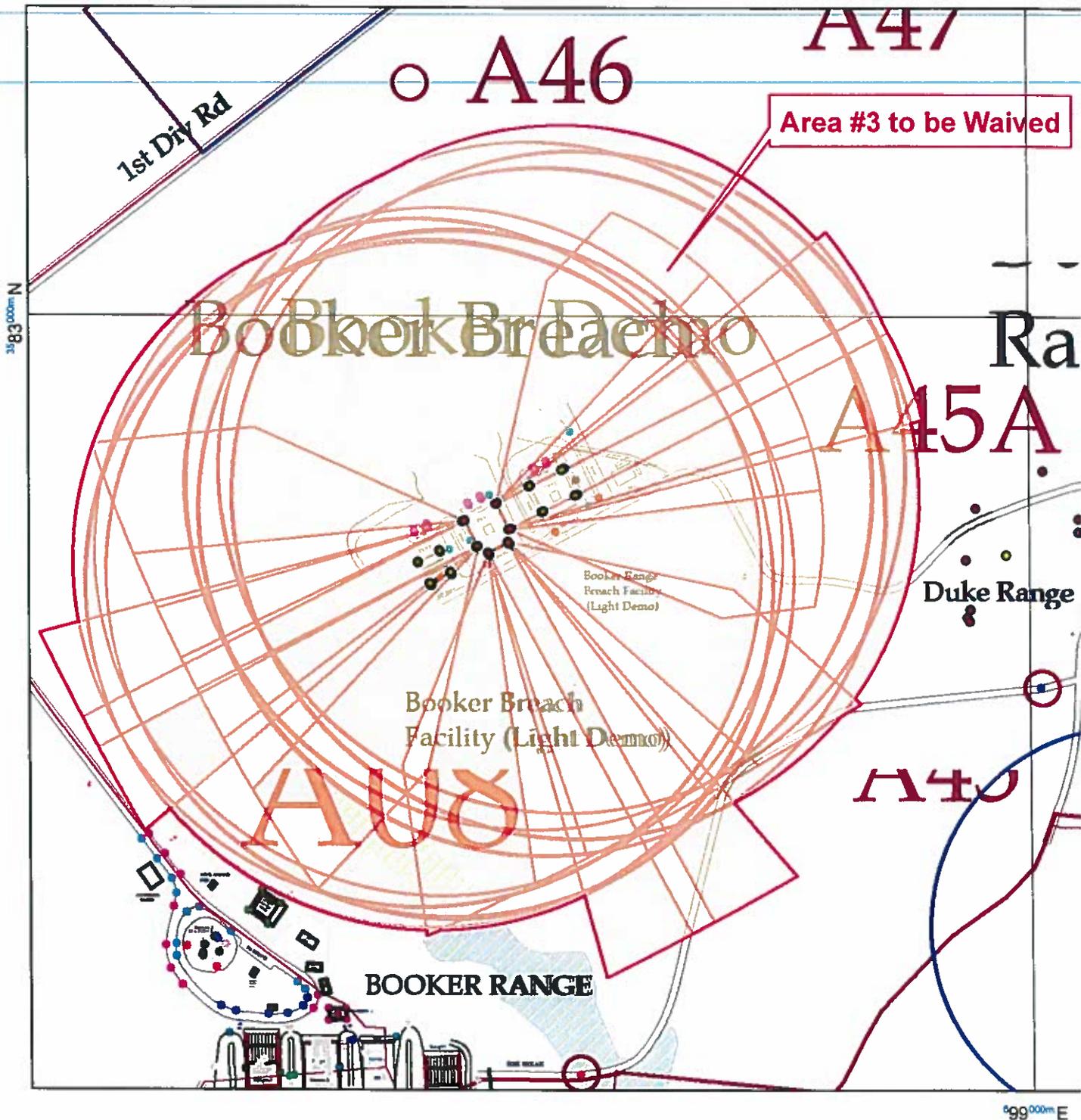
Unclassified

Unclassified
Weapon Type: SMALL ARMS
Weapon Caliber: composite



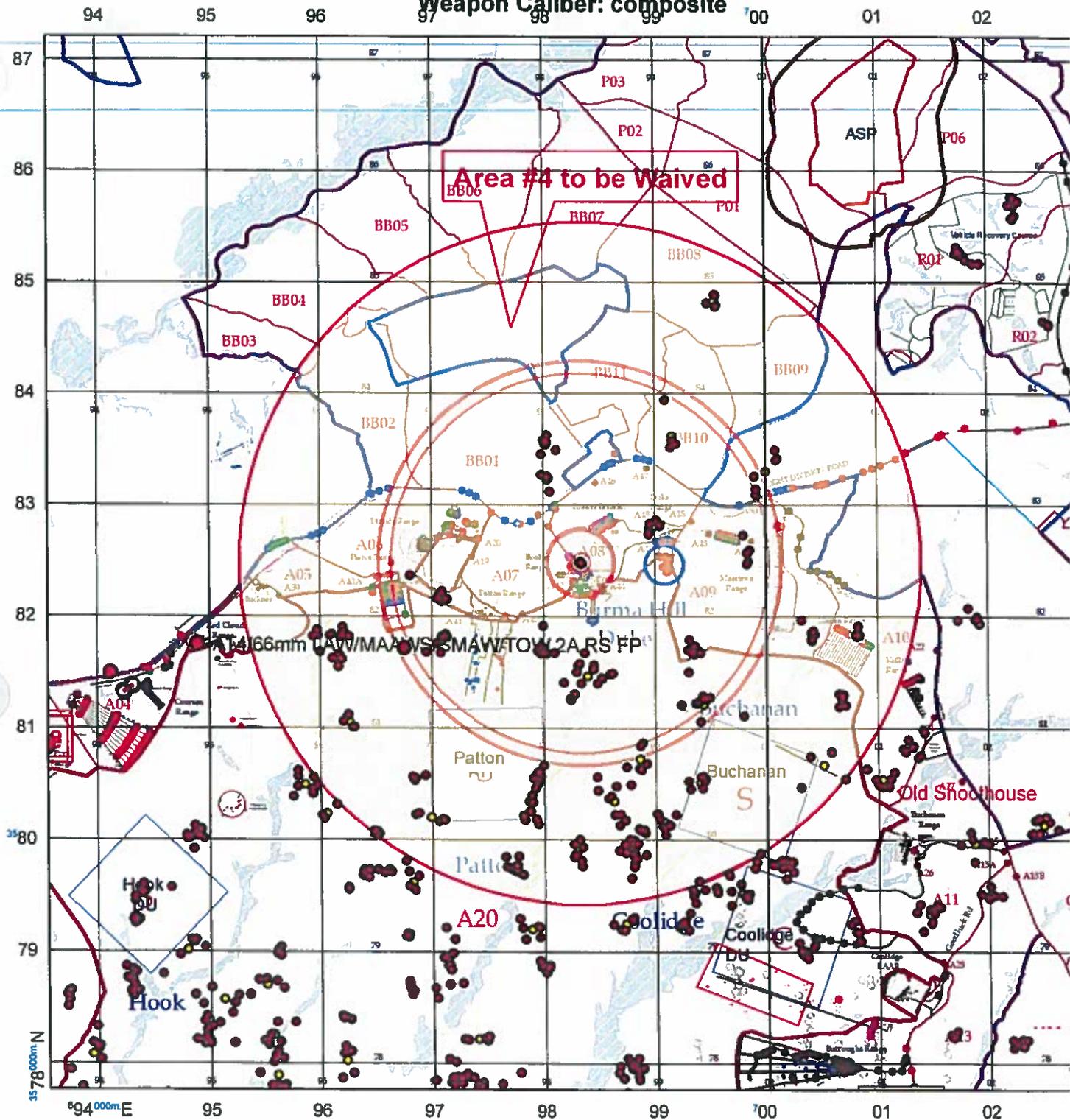
Range Manager Signature Authority: Mr. Tesch	Date:		
Approving Authority: John T. Flores	Date:		
SDZ Created By:	Date: 04/07/2016	Unit: 75th Ranger Reg	Phone:
SDZ Name: booker_11114waiver2	FP: 16SFA9831282373	FP: 16SFA9839182396	FP: 16SFA9838482387
Installation: Fort Benning	FP: 16SFA9834082328	FP: 16SFA9838482396	TP: 16SFA9833982364
Range Name: Booker	FP: 16SFA9831382327	FP: 16SFA9838582391	TP: 16SFA9831282363
Range Officer: OIC	FP: 16SFA9834082329	FP: 16SFA9838582387	TP: 16SFA9834082324
Direct Fire	FP: 16SFA9831382328	FP: 16SFA9839182387	TP: 16SFA9831382323
Aerial Target	FP: 16SFA9839982387	FP: 16SFA9839882392	TP: 16SFA9844381968
FP: 16SFA9833982374	FP: 16SFA9838482386	FP: 16SFA9839882396	TP: 16SFA9842581968

Unclassified
Weapon Type: SMALL ARMS
Weapon Caliber: composite



Range Manager Signature Authority: Mr. Tesch	Date:				
Approving Authority: John T. Flores	Date:				
SDZ Created By:	Date: 04/07/2016	Unit: 75th Ranger Reg	Phone:	Email:	
SDZ Name: booker_waiver3	FP: 16SFA9852682794	TP: 16SFA9853482837	TP: 16SFA9860282843	TP: 16SFA984838	
Installation: Fort Benning	FP: 16SFA9853382836	TP: 16SFA9854682814	TP: 16SFA9857382829	TP: 16SFA984648	
Range Name: Booker	FP: 16SFA9854482813	TP: 16SFA9851582798	TP: 16SFA9856282851	TP: 16SFA984948	
Range Officer: OIC	FP: 16SFA9851782799	TP: 16SFA9850382821	TP: 16SFA9857582830	TP: 16SFA984768	
Direct Fire	FP: 16SFA9850582822	TP: 16SFA9859282867	TP: 16SFA9856382852	TP: 16SFA984938	
Aerial Target	FP: 16SFA9854582801	TP: 16SFA9860382844	TP: 16SFA9848482794	TP: 16SFA984758	
FP: 16SFA9854482803	TP: 16SFA9852782791	TP: 16SFA9859082866	TP: 16SFA9846582784		

Unclassified
Weapon Type: SMALL ARMS
Weapon Caliber: composite



Range Manager Signature Authority: Mr. Tesch	Date:		
Approving Authority: John T. Flores	Date:		
SDZ Created By:	Date: 04/07/2016	Unit: 75th Ranger Regt	Phone:
SDZ Name: booker_waiver4	FP: 16SFA9833182474	FP: 16SFA9833282474	TP: 16SFA9832882495
Installation: Fort Benning	FP: 16SFA9833682480	FP: 16SFA9832482488	TP: 16SFA9833282474
Range Name: Booker	FP: 16SFA9834082486	FP: 16SFA9832582478	TP: 16SFA9834082486
Range Officer: OIC	FP: 16SFA9833482490	FP: 16SFA9833482491	
Direct Fire	FP: 16SFA9832882494	FP: 16SFA9832882495	
Aerial Target	FP: 16SFA9832482489	FP: 16SFA9831982482	
FP: 16SFA9832682478	FP: 16SFA9832082482	TP: 16SFA9831982482	