

RANGE SOP

GUN POSITION 45

INFORMATION

Description: Field firing position for 155mm artillery
Status: Active
Location: 18STH8006676455
Number Firing Points: 4

RANGE USES

Primary Use: Field firing artillery in support of indirect fire training evolutions at Range 15 and Range 9.

Alternate Uses: Parachute Drop Zone (DZ REDWING)

WEAPONS ACCOMMODATED

-M777A2 Howitzer

AMMUNITION AUTHORIZED

-155mm HE/ILLUM/SMOKE/WP

ALL AMMUNITION MUST BE CLEARED FOR OVERHEAD FIRE

TARGETS/SIMULATORS/DEVICES. EODT Targets in Range 15 impact area.

TARGET AREA BOX:

UP LEFT-18STH7854770581 UP RIGHT-18STH7929870466
LOW LEFT-18STH7831369711 LOW RIGHT-18STH7917569512

**TARGETS ARE INSIDE THIS BOX

TARGET DESCRIPTIONS AND LOCATIONS:

ALL TARGETS ARE 1 1/2 INCH STEEL EODT OR METAL CONNEX CONTAINER.

<u>GRID:</u>	<u>DESCRIPTION:</u>	<u>ELEV:</u>
18STH7884470491	EODT	
18STH7896570437	EODT	
18STH7885870340	EODT	
18STH7874870212	Connex Box	

PRIMARY DIRECTION OF FIRE:

MAGNETIC- 3550 GRID- 3400

DIRECTION LIMITS:

MILS MAGNETIC	MILS GRID	DEGREES MAG	DEGREES GRID
LEFT: 3480	LEFT: 3330	LEFT: 195.81	LEFT: 187.31
RIGHT: 3609	RIGHT: 3459	RIGHT: 203.07	RIGHT: 194.57

PROBABLE ERRORS RANGE AND DEFLECTION:

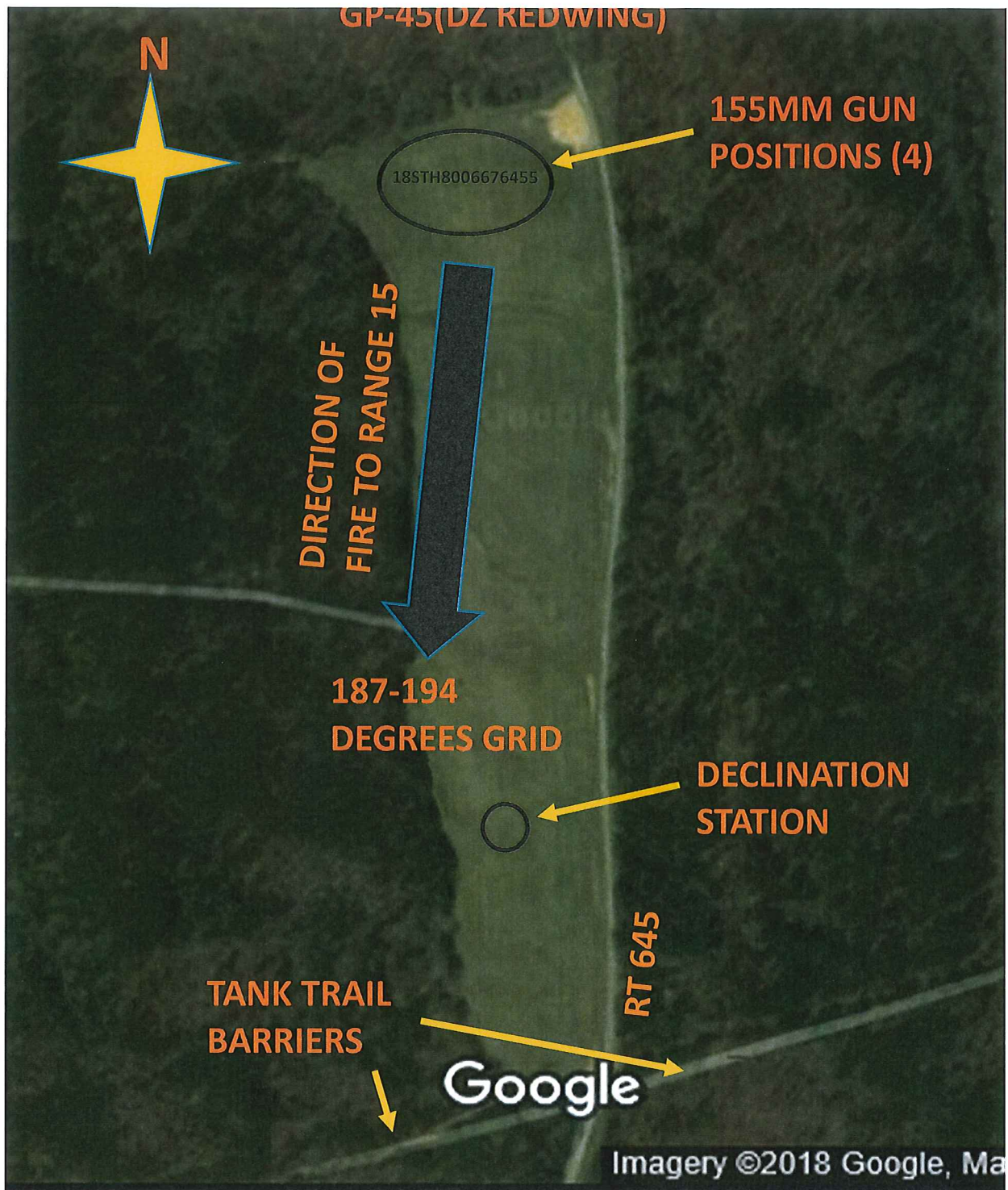
TFT 155-AR-2 TABLE G CHARGE 2L RANGE 6038
RANGE 12 METERS DEFLECTION 2 METERS
12 PER = 144 METERS, 8 PER = 96 METERS, 5 PED = 10 METERS

TFT 155-AM-3-TABLE G CHARGE 2L RANGE 6038
RANGE 14 METERS DEFLECTION 3 METERS
12 PER = 168 METERS, 8 PER = 112 METERS, 5 PED = 15 METERS

MIN RANGE: 6038 M MAX RANGE: 7000

RANGE USE RESTRICTIONS/COMMENTS.

1. The only weapons and ammunition approved for use on this range are listed in this certification. There shall be no deviations from or modifications to the approved weapons and ammunition.
ALL AMMUNITION MUST BE CLEARED FOR OVERHEAD FIRE
NO VT FUSED AMMUNITION WILL BE USED IF TROOPS ARE OBSERVING FIRE FROM RANGE 15A
2. The OIC and RSO of the artillery position must be present during firing.
3. All range regulations and SOP's will be adhered to.
4. The only targets authorized are the targets listed in this document above. Any other targets engaged will present hazards to observing troops on Range 15A.
5. All impacts must be observed. The only authorized observation points are Range 9 firing line and Range 15A (top of ridge). Observing from closer than the top of ridge on Range 15A presents hazards to troops.
6. MCB-3D, MCB-3E, MCB-3F, 609E and MCB6D gates must be locked when GP-45 is hot.
7. Range 15 cannot be occupied during artillery impacts.
8. Only low angle mode and charge 2L authorized.
9. Road barriers must be emplaced on the tank trail at the south end of DZ Redwing and the Rt 645 B gate locked to prevent access to Area E of the SDZ.



FACILITIES (Number of Each)

Towers: 0
 Sheds: 0
 Ammo Breakdown: 0
 Parking: Yes/limited
 Description of Other Structures: None

UTILITIES AVAILABLE

Electricity: None
 Lights: None
 Water System: None

INSTALLED COMMUNICATIONS. None

<u>MEASURED DISTANCES</u>	<u>MILES</u>	<u>MGRS</u>
TBS	10.0	87106390
Range Control	10.5	87406360
ASP	12.3	91256605
EMT/Fire (Fire House 3)	11.3	89606410
WTBN	10.5	87806740
Mainside Gate	14.3	94406440
Camp Upshur	1.5	80007850
Nearest MEDEVAC LZ	0.0	8006676455 (DZ Redwing)

LASERS AUTHORIZED. None

AVAILABLE DAYS/HOURS. 362/0500-2200 (Airspace must be scheduled for any other times.)

AREA SUITABILITY

<u>Unit Type</u>	<u>Unit Size</u>	<u>Number of Units</u>
ADU	Battery	1 (4 guns)

GEOGRAPHICAL DATA

Access Routes: Route 645 or MCB-8
Soil Type: Dirt
Terrain Type: Small hills
Vegetation: Grass/Woodland

COMMUNICATION REQUIREMENTS:

1. A radio check is required immediately upon occupying any portion of the RTA, every 30 minutes in a live fire status and every 3 hours in a non-live fire status.
2. The Range Control Facility (RCF) Fire Desk Net Control call sign is "Range Control". Your call sign is "Range XX" (name of range, training area or facility unit is occupying).
3. The primary RCF Fire Desk Net Control frequencies are: ELMR talk group "RC Safety" (ground) and 323.7 AM UHF (air).
4. The secondary RCF Fire Desk Net Control is telephone, numbers: 703-784-5321 or 5322.
5. OIC/RSO will monitor the RCF primary and secondary Safety Nets at all times. Instant communication is required.
6. Any unit with organic ELMR radios will have their ELMR radios programmed with the "RC Safety" talk group and use those radios as their primary means of communication within the RTA.

7. Units without organic ELMR assets will be issued ELMR radios from RMB upon check-in.
8. Approved Non-ELMR radios are only authorized for internal communication (ground).
9. If the RCF cannot reach a unit within the RTA via primary communication, the unit will be contacted via the secondary means of communication.
10. Upon loss of primary communication the OIC/RSO will initiate a "check fire"/cease training status and will contact the RCF via secondary communication. This communication will be maintained while primary communication is being restored. Units may only resume firing/training once primary communication has been re-established and clearance is granted by the RCF.

INJURY CLASSIFICATIONS:

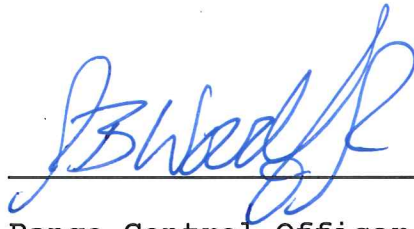
Injuries are classified into the following categories in order to aid in casualty evacuation from the RTA.

1. ROUTINE. Routine injuries are those injuries that are not threatening to life, limb or eyesight; and conditions or illnesses treatable by medication or procedures available at the base medical facilities.
2. PRIORITY. Priority injuries are those injuries that require immediate medical attention but are not threatening to life, limb, or eyesight if treated promptly.
3. URGENT. Urgent injuries are severe injuries that are threatening to life, limb, or eyesight and require immediate medical attention.
4. MASS CASUALTY. A mass casualty is a series of injuries with multiple priority and urgent medical patients.

MEDICAL EVACUATION (MEDEVAC) PROCEDURES:

1. Injury occurs.
2. Range immediately cease-fires.
3. Medical support evaluates/treats injured personnel.
4. Range OIC/RSO notifies the RCF of the injury, is the victim conscious/unconscious and what type of MEDEVAC transportation is requested (ground/air).
5. The OIC/RSO must maintain constant radio contact with Range Control and awaits further instructions.

*Minor injuries and illnesses not requiring medical services need not be reported to the RCF but should be reported in unit training logs.



Range Control Officer

Date: 26 JAN 2018