
LAND RANGES SAFETY SUB COMMITTEE

RANGE SAFETY NOTICE 05/10

For issue by the Defence Storage and Distribution Centre, Bicester to all those on the current distribution list for Volume 2 of JSP 403. This Range Safety Notice is also available for viewing in the Joint Service Publications area of the Defence Intranet website alongside JSP 403, and available on the internet on the following website:

<http://www.mod.uk/DefenceInternet/MicroSite/DES/OurPublications/JSP403/>

The revised detail will be incorporated in JSP 403 Volume 2 Change 5 Amendment 2.

RANGE SAFETY NOTICE 05/10

L134A1 40mm GMG AMMUNITION NATURES USED IN TRAINING

References:

- A. DES LE ICG-LWPB-SW Capability Manager dated 29 Nov 2010.
- B. DPA's D/DCCIPT/20/33/19 dated 18 August 2006.
- C. DE&S's DOSG/21/3/9/3 dated 17 July 2007.
- D. JSP 403 Vol.2.

1. The purpose of this RSN is to update the restrictions on the use of the different natures of 40 mm x 53 mm HV GMG ammunition (where 40mm is the calibre and 53 mm the length of the round, as opposed to the 40 mm LV round which is 46 mm in length) on MOD ranges.

2. Authorised at Reference A is the 40 mm x 53 mm HV GMG ammunition for training covering 3 practice ammunition types. They are:

- a. 40 mm x 53 mm Flash Bang Linked S429
- b. 40 mm x 53 mm Target Practice Tracer S415A
- c. 40 mm x 53 mm Practice Impact Signature Marker

3. **Firing Restrictions.** All 40 mm HV ammunition MUST BE LINKED and cognizant of the advice given in References A and B and subsequent assessment by the DLRSC Sub Committee, because of the potential of residual hazard from blinds coupled with the difficulty in locating them, particularly on rough ground, the following firing restrictions apply:

- a. 40 mm x 53 mm Flash Bang Linked S429 may only be used on a controlled target impact area.
- b. Practice Impact Signature and Target Practice Tracer S415A are authorised for use on any impact area including a LFTTA.

4. **Impact Areas.** The three types of impact area are described in paras 02100 – 02102 of Reference C. In essence:

- a. **Closed.** All blinds recorded but left in place; impact area fenced and signed; access only for EOD clearance teams.
- b. **Controlled.** All blinds cleared from areas where controlled access is permitted. RAU writes risk assessment to determine the level of control necessary to ensure a safe place is maintained.
- c. **Open.** All blinds cleared before RCO leaves the area.

5. RAOs or RAUs that have concerns with the use of any 40 mm HV GMG ammunition on MOD ranges and training areas should contact HQ DTE for advice on how to ensure the risk caused by the potential hazard from using this ammunition is kept As Low As Reasonably Practicable (ALARP).

6. The authorised Weapon Danger Area for this weapon system is attached. The burst safety distance (BSD) need not apply for Practice ammunition.

Effective Date

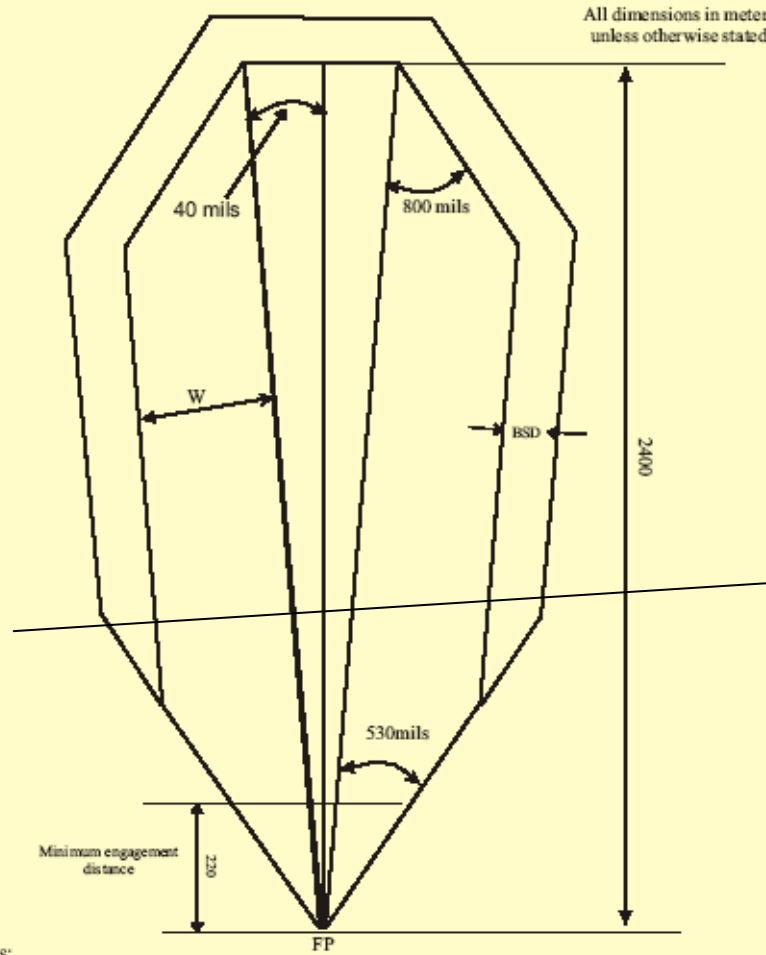
7. The required action is to be taken immediately on receipt of this notice.

Disposal

8. This Range Safety Notice remains in force until the content has been incorporated in JSP 403 Volume 2 Change 5.

Date of Issue: 29 Nov 10 Chairman Land Ranges Safety Sub Committee

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Notes:

1. ADH 3000ft
2. All measurements in metres unless otherwise stated
3. Burst Safety Distance is - Normal 310m
Reduced 220m
4. Ricochet width (W) ground targets 300m
Hard targets 600m
5. Minimum engagement distance is 220m.
6. This WDA has a QE restriction of 650mils.

Figure 28-5. WDA Template, for GMG 40 mm
High Velocity grenade L134A1