

## PART 1

### Chapter 1

## AIR TO SURFACE RANGE SAFETY

### INTRODUCTION

0101. **General.** Joint Services Publication (JSP) 403 is designed to provide a comprehensive handbook covering safety on Ministry of Defence land ranges. It gives guidance and instructions on which the Services and Ministry of Defence civilian organisations and agencies can base their safety regulations. JSP 403 as a whole is sponsored by the Chairman of the Defence Land Ranges Safety Committee.

0102. **Aim.** The aim of Part 1 of this Volume is to detail the policy and principles for the planning of air to surface firing practices on Defence Land Ranges. The term air to surface firing includes all firings from aircraft against targets on land or sea. A Defence Land Range is a range where the Danger Area/Zone (DA/Z) falls wholly or partially on or over land.

0103. **Range Authorisation.** Land Ranges may only be used for air to surface firings if authorised for this type of practice. The procedure for authorisation is given in Volume I of this publication. Throughout this Volume the term practice is assumed to include trials unless otherwise stated.

0104. **Flight Authorisation.** All flights are to be authorised in accordance with JSP 550 (Reference Q) and single Service instructions.

0105. **Airworthiness and Aircraft Armaments Installations.** The regulations concerning Military Aircraft Release (MAR), Release to Service (RTS) and the safety of aircraft armament installations are given in JSP 553 (Reference T).

0106. **Flights Outside Restricted Airspace.** Aircraft may overfly non-MOD land while carrying live ordnance subject to any restrictions imposed in the RTS. The RTS combines the MAR and Service Deviations (which may place lesser restrictions on weapon carriage or introduce a weapon which has not yet gained a MAR clearance).

0107-0110. *Spare.*

### STRUCTURE

0111. The remainder of Part 1 consists of :

- a. Chapter 2. Air to Surface Ranges.
- b. Chapter 3. Fixed Wing Air to Surface Engagements.
- c. Chapter 4. Rotary Wing, (Crew Served Weapon) Engagements.
- d. Chapter 5. Rotary Wing, (Integrated Weapon Systems) Engagements.
- e. Chapter 6. Unmanned Aircraft Systems.

f. Chapter 7. Terminology.

0112. Because of their specialised nature and for ease of reference, the terms and definitions used in air to surface engagements have been placed in Chapter 7 and not in Volume IV.

0113. **Amendments.** Suggestions for amendments to this Volume should be addressed to the Secretary Defence Land Ranges Safety Committee (DLRSC) and, where appropriate, copied to the Lead Service/HQ responsible for the chapter(s) concerned. Contact information is given in Annex A to this Chapter.

Annex:

A. Points of Contact.

## CHAPTER 1 ANNEX A

### POINTS OF CONTACT

All enquiries concerning distribution and all suggestions for amendments should be addressed to:

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Defence Land Ranges Safety Committee  
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Lead Services and HQ are as follows:

The Lead Service for co-ordinating the joint service procedures for Fixed Wing (FW) engagements is the RAF. The sponsor for Chapter 3 of JSP 403 Volume III is HQ Air Command/HQ 1Group, (HQ Air/HQ 1 Gp).

The Lead for co-ordinating the joint service procedures for Rotary Wing Crew Served Weapon Engagements is the Joint Helicopter Command (JHC). The sponsor for Chapter 4 of JSP 403 Volume III is HQ JHC.

The Lead for co-ordinating the joint service procedures for Rotary Wing Integrated Weapon Systems engagements is the JHC. The sponsor for Chapter 5 of JSP 403 Volume III is HQ JHC.

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