



1 **Joint Authorities for Rulemaking of Unmanned Systems**

Module M1 to complement the BASIC Operations Manual:

- BVLOS
- TMPR

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4 **DOCUMENT IDENTIFIER: JAR-DEL-SRM-BOM-Module M1**

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13 **Contents**

- 14 1. Introduction
- 15 2. Scope
- 16 3. BVLOS
- 17 4. TMPR

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21 **1. Introduction**

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22 This module is intended to complement the Basic Operations Manual. It gives an example on how to describe an M1
23 Mitigation in accordance to annex B.

24 The operator has to ensure that the M1 Mitigation is choosing the right mitigation applicable for his planned operation
25 and flight area. For any changes to this example the operator has to assure that the described mitigation meets the
26 requirements from annex B.

27 The competent authority will review the resulting description of the M1 Mitigation in the process of reviewing the
28 application in accordance with the provisions arising from the risk assessment and the respective SAIL. In this process,
29 the implementation of all technical and operational requirements is checked based on the descriptions in the operations
30 manual, or other associated documents as required. The competent authority has the option to request revisions of
31 documents or to ask for additional supporting documentation.

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33 **2. Scope of Module – M1**

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35 (a) Scope

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37 This module provides an example for – M1 mitigation for the flight area

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40 (b) Module characterisation and conditions

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42 The characterisation and conditions for this module are summarised in section 3.

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44 **3. M1**

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47 **Add to Part C Flight Area in 3.2.6.2**

48 the applicable mitigation used.

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51 **M1 (A) Strategic mitigation – Sheltering (Low)**

52 All operations take only place in such an environment, that has structures providing shelter where people
53 are generally expected to be and were it is reasonable to expect that on average a vast majority of the
54 uninvolved people will be located under a structure.

55 It is therefore not allowed to commence operation that consist of overflying open -air assemblies of
56 people or areas with no shelter.

57

58 It can reasonably be expected that the used UAS will not penetrate structures and fatally injure people
59 under the shelter since the MTOM is <25 kg (see operational limitations in Part C, 3.1.2). **(M1(A)_IC1,**
60 **M1(A)_AC1)**

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64 **M1 (A) Strategic mitigation – Sheltering (medium)**

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66 *Example is missing for now*

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68 **G**

69 **M1 (B) Strategic mitigation – Operational restrictions (medium)**

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71 *Example is missing for now*

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73 **G**

74 **M1 (B) Strategic mitigation – Operational restrictions (high)**

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76 *Example is missing for now*

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79 **M1 (C) Tactical mitigation – Ground observation (low)**

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81 *Example is missing for now*

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