# Compliance Matrix

|  |  |  |
| --- | --- | --- |
| **Provision** | **Level of robustness** | **Reference to documentation** |

## Ground risk mitigations

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| --- | --- | --- |
| **M1 (A) Strategic mitigations** **- Sheltering** | [ ]  None[ ]  Low | Document name:     Chapter or page number:      |
| **M1 (B) Strategic mitigations** **- Operational restrictions** | [ ]  None[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **M1 (C) Tactical mitigations** **- Ground observation** | [ ]  None[ ]  Low | Document name:     Chapter or page number:      |
| **M2 – Effects of UA impact dynamics are reduced** | [ ]  None[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |

## Strategic air risk mitigations

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| --- | --- | --- |
| **Air risk class mitigation** | [ ]  ARC-d (AEC 1 or 2) 🡪 ARC-c[ ]  ARC-d (AEC 1 or 2) 🡪 ARC-b[ ]  ARC-d (AEC 3) 🡪 ARC-c[ ]  ARC-d (AEC 3) 🡪 ARC-b[ ]  ARC-c (AEC 4) 🡪 ARC-b[ ]  ARC-c (AEC 5) 🡪 ARC-b[ ]  ARC-c (AEC 6, 7, 8) 🡪 ARC-b[ ]  ARC-c (AEC 9) 🡪 ARC-b | Document name:     Chapter or page number:      |

## Tactical mitigation performance requirements

|  |  |  |
| --- | --- | --- |
| **TMPR level** | [ ]  VLOS (deconflict scheme)[ ]  BVLOS [ ]  No requirement (ARC-a) [ ]  Low requirement (ARC-b) [ ]  Medium requirement (ARC-c) [ ]  High requirement (ARC-d) | Document name:     Chapter or page number:      |
| **TMPR function** | Detect | Document name:     Chapter or page number:      |
| Decide  | Document name:     Chapter or page number:      |
| Command  | Document name:     Chapter or page number:      |
| Execute  | Document name:     Chapter or page number:      |
| Feedback loop | Document name:     Chapter or page number:      |
| **TMPR robustness** | TMPR integrity and assurance objectives | Document name:     Chapter or page number:      |

## Containment provisions

|  |  |  |
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| **Containment**  | [ ]  Low[ ]  Medium[ ]  High [ ]  Tethered | Document name:     Chapter or page number:      |

## Operational Safety Objectives (OSO)

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| **OSO #01** **Ensure that the UAS operator is competent and/or proven** | [ ]  NR[ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #02** **UAS manufactured by competent and/or proven entity** | [ ]  NR[ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #03** **Maintenance of the UAS** | [ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #04** **UAS components essential to safe operations are designed to an Airworthiness Design Standard (ADS)** | [ ]  NR[ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #05** **UAS is designed considering system safety and reliability** | [ ]  NR[ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #06** **C3 link characteristics (e.g. performance spectrum use) are appropriate for the operation** | [ ]  NR[ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #07** **Conformity check of the UAS configuration** | [ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #08** **Operational procedures are defined, validated and adhered to** | [ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #09** **Remote crew trained and current** | [ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #13** **External services supporting UAS operations are adequate for the operation** | [ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #16** **Multi-crew coordination** | [ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #17** **Remote crew is fit to operate** | [ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #18** **Automatic protection of the flight envelope from human errors** | [ ]  NR[ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #19** **Safe recovery from human error** | [ ]  NR[ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #20** **A human factors evaluation has been performed and the human machine interface (HMI) found appropriate for the mission** | [ ]  NR[ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #23** **Environmental conditions for safe operations are defined, measurable and adhered to** | [ ]  Low[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |
| **OSO #24** **UAS is designed and qualified for adverse environmental conditions** | [ ]  NR[ ]  Medium[ ]  High | Document name:     Chapter or page number:      |

## Confirmation

|  |  |
| --- | --- |
| **Have all safety provisions been described and met?** | [ ]  Yes[ ]  No |
| **Place, date**  | **Name and signature**  |