**Aviation Arrangements Claim / Argument / Evidence Checklist**

The Aviation Arrangements Claim / Argument / Evidence Checklist provides recommended headings and content to be considered for inclusion in the submission for an Open / Specific Remotely Piloted Air System (RPAS) Ship Air Release (SA-Release). It is recognized that some of the content detailed below might either be non-applicable or not available when the SA-Release submission is prepared. Nonetheless, it is in the best interests of the submitting organization to include as much information as available to inform the SA-Release. It is not a definitive list, and more detail can be included as required. It may also highlight a greater Risk resulting in the full SA-Release process being required in accordance with RA 1395[[1]](#footnote-2).

# Aviation Arrangements

Compliant with Def Stan 00-133[[2]](#footnote-3) Aviation Arrangements in Surface Ships?

* If Yes, complete Def Stan 00-133 Compliance Statement at [Part A](#_Part_1A).
* If No, complete [Part B](#_Part_1B).

# Part A

**Def Stan 00-133 Compliance Statement**

|  |  |  |
| --- | --- | --- |
| **Claim** | **Argument** | **Evidence** |
|  |  |  |

# Part B

**Aviation Enablers**

| **Requirement** | **Claim** | **Argument** | **Evidence** |
| --- | --- | --- | --- |
| Air Traffic Management (ATM)  *Details of Ship’s ATM equipment and Certification status.* |  |  |  |
| Inter-Communications  *Details of inter-communications as applicable between the Remote Pilot and:*  *Flight Deck Officer (FDO)*  *Command,*  *Air Systems Controller,*  *Principle Warfare Officer (PWO),*  *Deck Crew.* |  |  |  |
| Remotely Piloted Aircraft (RPA) Handling  *Details of any RPA handling system for moving RPA to / from launch / recovery position and storage / maintenance position.* |  |  |  |
| RPA securing  *Method of securing the RPA at the launch position.* |  |  |  |
| RPA storage  *Method and position of RPA stowage.* |  |  |  |
| Ground Support Equipment  *Details of any hydraulic rig, electrical rigs, dehumidification, etc requirements.* |  |  |  |
| RPAS power supply  *Details of RPAS external power supply rating and ingress protection (IP), etc.* |  |  |  |
| Remote Pilot Station (RPS)  *Details of RPS location, power supply requirements, aerial location, frequencies, and power, etc.* |  |  |  |
| Payload  *Details of payload type, hazardous materials, size, weight and storage, etc.* |  |  |  |
| Fuel  *Details of fuel type, refuelling method, etc.* |  |  |  |
| Fire fighting  *Firefighting equipment, location, type, etc.* |  |  |  |

**Aviation Compartments**

| **Requirement** | **Claim** | **Argument** | **Evidence** |
| --- | --- | --- | --- |
| Battery  *Details of battery type, size, weight, storage location, charging facilities and location, etc.* |  |  |  |
| Aviation Personnel Human Factors  *Details of RPAS personnel accommodation, galley, messing facilities, etc.* |  |  |  |
| RPA Dimensions  *Full dimensions to be given including mass with and without fuel; with and without any payloads, etc.* |  |  |  |
| RPA Landing Gear Configuration  *Configuration including: contact surface area, deflection, etc.* |  |  |  |
| RPA Energy  *Maximum speed (m/s), maximum kinetic energy (joules), etc.* |  |  |  |
| Maintenance and Repair Facilities  *Location and purpose of Maintenance facilities.*  *Location and purpose of repair facilities.* |  |  |  |
| Additional Information  *Any additional information not covered already that is deemed to support the SA-Release Safety Assessment.* |  |  |  |

**Acceptance of Aviation Arrangements**

| **Requirement** | **Claim** | **Argument** | **Evidence** |
| --- | --- | --- | --- |
| Acceptance  *Detail any planned acceptance process for any new / modified aviation arrangements.* |  |  |  |
| Inspections, Test and Trials  *Detail planned requirement for as well as the extent and content of any tests and trials to demonstrate achievement of required capability as well as that changes haven't produced a detrimental effect on host platform and interfacing equipment. Def Stan 00-133 Part 04 details Inspection, Tests and Trials that may be considered.* |  |  |  |
| Assurance  *Provide details of any Assurance activity that will be undertaken during the Acceptance and Inspection, Test and Trials activities as well as the organizations that will be undertaking this activity.* |  |  |  |

1. Refer to RA 1395 – Authorization to Permit Embarked Aviation in His Majesty’s / MOD Ships. [↑](#footnote-ref-2)
2. Refer to Def Stan 00-133 – Aviation Arrangements in Surface Ships. [↑](#footnote-ref-3)