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### 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<sup>1</sup>.

#### Aviation Arrangements

Compliant with Def Stan 00-133<sup>2</sup> Aviation Arrangements in Surface Ships?

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

#### Part A

#### Def Stan 00-133 Compliance Statement

Claim	Argument	Evidence

<sup>1</sup> Refer to RA 1395 – Authorization to Permit Embarked Aviation in His Majesty's / MOD Ships.

<sup>2</sup> Refer to Def Stan 00-133 – Aviation Arrangements in Surface Ships.



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**Part B**

**Aviation Enablers**

<b>Requirement</b>	<b>Claim</b>	<b>Argument</b>	<b>Evidence</b>
<u>Air Traffic Management (ATM)</u> <i>Details of Ship's ATM equipment and Certification status.</i>			
<u>Inter-Communications</u> <i>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.</i>			
<u>Remotely Piloted Aircraft (RPA) Handling</u> <i>Details of any RPA handling system for moving RPA to / from launch / recovery position and storage / maintenance position.</i>			
<u>RPA securing</u> <i>Method of securing the RPA at the launch position.</i>			
<u>RPA storage</u> <i>Method and position of RPA stowage.</i>			
<u>Ground Support Equipment</u> <i>Details of any hydraulic rig, electrical rigs, dehumidification, etc requirements.</i>			
<u>RPAS power supply</u> <i>Details of RPAS external power supply rating and ingress protection (IP), etc.</i>			



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Requirement	Claim	Argument	Evidence
<u>Remote Pilot Station (RPS)</u> <i>Details of RPS location, power supply requirements, aerial location, frequencies, and power, etc.</i>			
<u>Payload</u> <i>Details of payload type, hazardous materials, size, weight and storage, etc.</i>			
<u>Fuel</u> <i>Details of fuel type, refuelling method, etc.</i>			
<u>Fire fighting</u> <i>Firefighting equipment, location, type, etc.</i>			

**Aviation Compartments**

Requirement	Claim	Argument	Evidence
<u>Battery</u> <i>Details of battery type, size, weight, storage location, charging facilities and location, etc.</i>			
<u>Aviation Personnel Human Factors</u> <i>Details of RPAS personnel accommodation, galley, messing facilities, etc.</i>			
<u>RPA Dimensions</u> <i>Full dimensions to be given including mass with and without fuel; with and without any payloads, etc.</i>			
<u>RPA Landing Gear Configuration</u> <i>Configuration including: contact surface area, deflection, etc.</i>			
<u>RPA Energy</u> <i>Maximum speed (m/s), maximum kinetic energy (joules), etc.</i>			



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Requirement	Claim	Argument	Evidence
<u>Maintenance and Repair Facilities</u> <i>Location and purpose of Maintenance facilities.</i> <i>Location and purpose of repair facilities.</i>			
<u>Additional Information</u> <i>Any additional information not covered already that is deemed to support the SA-Release Safety Assessment.</i>			

**Acceptance of Aviation Arrangements**

Requirement	Claim	Argument	Evidence
<u>Acceptance</u> <i>Detail any planned acceptance process for any new / modified aviation arrangements.</i>			
<u>Inspections, Test and Trials</u> <i>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.</i>			
<u>Assurance</u> <i>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.</i>			