



GENERIC TEMPLATE FOR THE COMPENDIUM OF AIRBORNE EQUIPMENT RELEASE CERTIFICATE

The Compendium of Airborne Equipment Release Certificate (CAERC) comprises preliminary pages and seven specific sections:

1. **Preliminary Pages.** The preliminary pages of the CAERC are comprised of the following elements:

- a. **P1 List of Contents.**
- b. **P2 List of Amendments.**
- c. **P3 List of Effective Pages.** Each page in the CAERC is listed by AL state.
- d. **P4 List of Abbreviations.** All abbreviations used within the CAERC.
- e. **P5 Definition of Terms.** A definition of terms used within the CAERC.
- f. **P6 Distribution.**

2. **Part A Airworthiness and Documentation Management.** Part A is comprised as follows:

a. **A1 Release Statements.** The following statements will be re-issued for each amendment to the CAERC. The recommendation by the Airborne Equipment (AE) Type Airworthiness Authorities (TAA) and the authorization by a Delegated Release To Service Authority (DRTSA) apply to the complete CAERC.

A 1.1 Certification of Safety and Airworthiness

A 1.1.1 I certify that the Airborne Equipment, when operated in accordance with this CAERC at Issue XX AL XX , including the Clearances with Limited Evidence (CLE) listed in Part F, is airworthy and that the overall risk is acceptable.

A 1.1.2 Clearances which carry a higher level of safety risk are identified as Operational Emergency Clearances (OEC) and their use, once authorized by the Release To Service Authority (RTSA), requires specific approval by the relevant Operating Duty Holder (ODH) in accordance with RA 1330 – Special Clearances.

A 1.2.3 Clearances in Part E and F that are not supported by a fully substantiated Air System Safety Case or Equipment Safety Assessment are authorized for inclusion in the CAERC by the RTSA.

A 1.1.4 The authority for exposure to, and the ownership and management of, the residual risk associated with the clearances in Part E and F lies with the Duty Holder chain.

Signature
Name
Rank
AE TAA

DD MMM YYYY



A 1.2 Authorization

A 1.2.1 As the Delegated Release to Service Authority (DRTSA), I authorize AL XX to Issue XX of the CAERC.

Signature
Name
Rank
DRTSA

DD MMM YYYY

- b. **A2 Introduction.**
- c. **A3 Description.**
- d. **A4 Airborne Equipment Life and Fatigue.**
- e. **A5 Statement of Operating Intent and Usage.**
- f. **A6 AE Configuration.**
- g. **A7 Related Documents.**

3. **Part B Airborne Forces Equipment.** Within this Part of the CAERC are individual Sections covering the in-service parachutes authorized for use by the MoD. Information pertinent to the safe use of the equipment from specific aircraft types is found is associated Annexes to the Section.

- a. Each Section is constructed as follows:

Equipment Title

1. Release Statement.

To specify that the equipment concerned is 'cleared for use' and to give the general criteria of the clearance. These criteria will include: users of the equipment; if it is for training and/or operations; if usage is in daylight only or night as well; if usage is onto land only or into water as well; and if usage is across worldwide temperature conditions or if only within particular temperature ranges. This element must also encompass any items that must be used with the equipment in question (eg oxygen equipment for activity above 12000' Above Mean Sea Level (AMSL)).

2. Special Clearances.

To identify what areas of the clearance are covered under OEC and/or CLE. A record of OEC/CLE is maintained at Part F, which provides a record of the annual review and arrangements for withdrawal. OEC will be suitably annotated with hatched markings to the outer edge of the page. OEC and CLE content will be prefixed by OEC/CLE and Number in line with the lists in Part F.

3. Brief Description.

To provide a general description of the equipment in question and an indication of the role in which it is employed.

4. System Design Organization.

To specify the Design Organization(s) or, where appointed, the Co-ordinating Design Organization for the equipment in question.

5. Build Standard.

To specify the Configuration Status Record or other formally recognized descriptor for the build standard of the overall system and, where applicable, the individual primary components.

6. System/Load Preparation.

To specify the Technical Publication(s), or other recognized document(s), in which the parachute packing method or the load preparation is detailed.

7. Maintenance.

To specify the Technical Publication(s), or other recognized document(s), in which the equipment maintenance criteria and procedures are detailed.

8. Deployment.

To specify how the parachute deployment is to be initiated.

9. Dispatch Aircraft.

To specify which military aircraft platforms the equipment is cleared for dispatch from, noting where necessary the applicable Appendix. Where the AE is to be deployed from civilian aircraft, the type (including any modifications) or where required registration number are to be listed.

10. Dispatch Conditions.

To specify any generic dispatch height data or to specify that the height is aircraft platform dependent and refer to the associated Annex.
To specify wind limitations applicable to descending the equipment onto land/into water.
To specify any sea state criteria that may limit or debar the use of the equipment.
To specify any limitations that may apply in operating the equipment onto high altitude drop zones.

11. All Up Mass and Stores Dimension Limitations.

To specify the maximum/minimum mass limitations applicable to the use of the equipment.
To specify the maximum/minimum All-Up-Mass (AUM) of the individual parachutist / individual stores load.
To specify the maximum/minimum store dimension limitations applicable to the use of the equipment.

12. Ancillary Equipment.

To specify all of the ancillary items (as detailed in Part D) that have been trialled/integrated with the primary equipment and which are cleared for use with the primary equipment. Any limitation applicable to a particular ancillary item must be shown.

13. Lifting Policy.

To specify the general lifting policy for the equipment concerned and/or show where the full policy can be found (ie AP101P-0001-2(R)1).

14. Standard Operating Procedures.

To list, or refer to, issued SOPs including any associated comments pertinent to the clearance.

15. Annexes.

To list the associated Annexes for specific aircraft types.

b. Each Annex is constructed as follows:

Annex X - Dispatch Limitations for [Equipment Type] from [Aircraft Type]

1. Release Statement.

To specify that the equipment is 'cleared for use from [aircraft type]' and give any additional criteria specific to the clearance from that aircraft type.

2. Aircraft Preparation.

To specify how the aircraft is to be prepared for the activity in question, covering any role equipment requirements and any pre-loading checks. Where this information is set out in another Air Publication/document, the relevant reference must be shown.
To specify the role fit required on the aircraft to undertake the planned activity. Where this information is set out in another Air Publication/document, the relevant reference must be shown.

3. Aircraft/Airdrop Conditions.

To specify the aircraft-specific criteria associated with the carriage/dispatch of the equipment / troops concerned.

To specify the minimum/maximum, and where appropriate, optimum speed of the aircraft at the point of dispatch of equipment / troops.

To specify any variation in aircraft speeds when the equipment is being used within an operational context or training role.

To specify the minimum/maximum aircraft height at the point of dispatch of equipment/troops when the equipment is being used within an operational context or training role.

To specify the heading, relative to wind, of the aircraft at the point of dispatch of equipment/troops.

To specify the aircraft attitude at the point of dispatch of equipment/troops.

To specify the aircraft flap setting at the point of dispatch of equipment/troops.

To specify the position of deflector doors during the dispatch of equipment/troops.

To specify how the stores loads are to relate to the aircraft's centre of gravity.

4. Calculated Air Release Point.

To specify how the point of release/dispatch is to be calculated. Where this is included in another Air Publication/document, the relevant reference must be shown.

5. Dispatch Procedures.

To specify the dispatch procedures to be adopted on the aircraft type. Where this information is set out in another Technical Publication/document, the relevant reference must be shown.

To specify the maximum number of parachutists in a 'stick'.

To specify the maximum number of parachutists in a 'stick' when operating from the aircraft ramp.

To specify the maximum number of parachutists in a 'stick' when operating from an aircraft's side doors.

6. Emergency Procedures.

To specify any emergency procedures that must be complied with on that particular aircraft type (ie Hung-up Parachutist Release Assembly (HUPRA) for static line parachuting). Where this information is set out in another Technical Publication/document, the relevant reference must be shown.

4. **Part C Aerial Delivery Equipment.** Within this Part of the CAERC are individual sections covering the cargo and equipment dropping systems authorized for use by the MoD. Each section is constructed as Part B.

5. **Part D Ancillary Equipment.** Within this Part of the CAERC are individual sections covering stand-alone in-service ancillary systems authorized for use with, or in support of, items in Parts B and/or C.

6. **Part E Temporary Information.** Part E contains temporary information and is sub-divided as follows:

- **E1 Temporary Clearances.**
- **E2 Temporary Restrictions.**
- **E3 Temporary Information Notices.**

The format and content of Part E is as RA 1300.

7. **Part F CLE/OEC.** Part F provides a record of CLE and OEC. CLE and OEC are defined and managed iaw RA 1330. CLE and OEC can be applied to a clearance residing in the main body of the CAERC and are referenced in Part F, which is sub-divided as follows:

- **F1 Record of CLE.**
- **F2 Record of OEC.**

The information within Part F1 and F2 must provide:

- The title of the CLE/OEC
- A record of all current CLE/OEC.
- The review date for each CLE/OEC.
- The arrangements for withdrawal of each CLE/OEC.
- The location within the CAERC of the details, applicability of each CLE/OEC

F 1 Record of Clearances with Limited Evidence

CLE No	Location of CLE	Title of CLE	Arrangements for Withdrawal	Review Date
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F 2 Record of Operational Emergency Clearances

OEC No	Location of OEC	Title of OEC	Arrangements for Withdrawal	Review Date
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Within the main body of the CAERC, CLE and OEC and flagged by number (eg [CLE 001]) prior to the clearance. OEC are highlighted with hatched markings to the outer edge of the page.

8. **Part G CAERC History.** Part G provides a history of the CAERC and is sub-divided as follows:

- **G1 Audit Trail.** This includes reference to the POC within the AE Delivery Team (DT) for all evidence used in constructing the clearances.
- **G2. Amendments.** This provides a list of areas affected by subsequent amendments to the CAERC.