

Supplementary Amendment

CAP 670 Air Traffic Services Safety Requirements



Safety and Airspace Regulation Group

Airspace, Air Traffic Management and Aerodromes

Number: 2023/01

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Version: 1

Effective: 13 September 2023

ATM Regulatory Compliance and Interoperability

1 Introduction

- 1.1 The purpose of this Supplementary Amendment (SA) to Air Traffic Services Safety Requirements (CAP 670) is to provide new Means of Compliance and Guidance regarding the continuing requirement to demonstrate compliance with Basic Regulation essential requirements, Interoperability Regulations as well as relevant CAP 670 and ICAO requirements.

2 Background

- 2.1 Regulation (EU) 552/2004 (the Interoperability Regulation) is repealed in full on 12 September 2023. This regulation required Air Navigation Service Providers to submit documentation to the CAA to demonstrate compliance with the relevant regulations. With this update to CAP 670, the CAA will now require ANSPs to provide similar documents to be provided as part of the Air Navigation Order Article 205 Approval process.
- 2.2 Further guidance is available from the CAA's website using the following hyperlink:

<https://www.caa.co.uk/commercial-industry/airspace/air-traffic-management-and-air-navigational-services/air-navigation-services/atmans-interoperability-requirements/>

3 Amendment to CAP 670

- 3.1 With effect from 13 September 2023, CAP 670 is amended as shown in Annex A to this supplementary amendment. This change will be incorporated into CAP 670 at the next amendment in due course.

4 Queries

- 4.1 Any queries or further guidance required on the content of this SA should be marked for the attention of CNS Policy and sent to ats.enquiries@caa.co.uk

5 Cancellation

- 5.1 This SA shall remain in force until incorporated into CAP 670 or it is cancelled, suspended or amended.

Editorial Note. The following amendments should be made to CAP 670 Contents.

Between 'APP 04: Temporary ATC Units' and 'ATC 01: ATC Support Systems and Facilities' add
'APP05 Regulatory Compliance and Interoperability'

Editorial Note. The following amendments reflect the insertion of a new section of text.

CAP 670 Part B, APP 05: Regulatory Compliance and Interoperability

APP05.1 Article 205 of the Air Navigation Order 2016 ("ANO") requires that all ATS equipment must be fit for its intended purpose, for which all relevant CAP 670 and ICAO Annex requirements, other referenced standards, essential requirements for ATM systems and constituents in the Basic Regulation (UK Regulation (EU) 2018/1139), and the relevant UK Interoperability Regulations must be met.

APP05.2 Confirmation and demonstration of compliance with these requirements has been, and until 12th September 2023 will be provided in Interoperability documents including manufacturers' Declarations of Conformity and Declarations of Suitability for Use (DSU); ANSP Declarations of Verification (DoV) and Technical Files; and other compliance templates published by the CAA to demonstrate compliance with the Interoperability Regulations.

APP05.3 The regulations requiring these Interoperability documents will be repealed on 12th September 2023, and DoVs, DSUs and DoCs issued under these regulations can no longer be used to demonstrate compliance. However, for ongoing demonstration of compliance to support ANO approval, the CAA will require Technical Files to continue to be provided, together with evidence of verification as set out below.

APP05.4 **Acceptable Means of Compliance:** From 13th September 2023 ANSPs shall therefore continue to produce and maintain Technical Files which together with a Record of Verification, shall be submitted to and accepted by the CAA prior to the introduction of new systems, or for significant changes to existing systems. Changes to systems that have minor impact to the Technical Files and Record of Verification may be held over until the next significant change subject to CAA agreement. The content of the Technical File and Record of Verification will be as described in the CAA template documents and are substantially similar to those previously used.

APP05.5 **Acceptable Means of Compliance:** Technical Files can be produced either for services or systems.

APP05.6 **Acceptable Means of Compliance:** Verification activities shall be carried out in accordance with the relevant requirements within each Implementing Rule, except for the drawing up of the Declaration of Verifications which are no longer applicable.

APP05.7 **Acceptable Means of Compliance:** ANSPs will continue to require evidence that procured equipment is suitable for use. ANSPs should therefore place contractual obligations on manufacturers to confirm and demonstrate compliance with all relevant ATM requirements by referencing technical design documents and test records. Compliance with UK electrical and electronic regulations (such as the Radio Equipment Regulation) should also be demonstrated by providing Declarations of Conformity drawn up against these regulations. A Summary of Compliance form is available for manufacturers to provide this evidence that will be substantially similar to that in a DSU.

APP05.8 Templates for the Interoperability documents can be found on the CAA Website at:

<https://www.caa.co.uk/commercial-industry/airspace/air-traffic-management-and-air-navigational-services/air-navigation-services/atmans-interoperability-requirements/>

APP05.9 UK Interoperability Regulations (previously EU Implementing Rules) can also be found on the CAA Website UK Regulations webpages:

<https://www.caa.co.uk/uk-regulations/>