
Aeronavtika - Letalski sistemi brez posadke - 005. del: Metoda preverjanja funkcije Geocaging

Aerospace series - Unmanned Aircraft Systems - Part 005: Verification method for the Geocaging function

Luft- und Raumfahrt - Unbemannte Luftfahrzeugsysteme - Teil 005:
Überprüfungsmethode für die Geocaging-Funktion

Série aérospatiale - Aéronefs télépilotes - Partie 005: Méthode de vérification de la fonction géocaging

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49.020	Letala in vesoljska vozila na splošno	Aircraft and space vehicles in general

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**Aerospace series - Unmanned Aircraft Systems - Part 005:
Verification method for the geocaging function**

Série aéronautique - Aéronefs télépilotes - Partie 005 :
Méthode de vérification de la fonction de géocage

Luft- und Raumfahrt - Unbemannte
Luftfahrzeugsysteme - Teil 005: Überprüfungsmethode
für die Geocaging-Funktion

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European foreword

This document (EN 4709-005:2026) has been prepared by Technical Committee CEN/TC 471 “Unmanned Aircraft Systems”, the secretariat of which is held by BNAE.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2027, and conflicting national standards shall be withdrawn at the latest by April 2027.

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Introduction

This document gives all economic operators (such as manufacturers, importers and distributors and their trade associations as well as bodies involved in the conformity assessment procedures) a viable way to prove compliance with the requirements of the C6 class marked UAS linked to geocaging function and to find commonality in compliance methods.

The end user of this document assumes all responsibility for the safe application of the test methods. All relevant safety/quality procedures should be considered. Special consideration should be given to the operation of the UAS for evaluations. All local, state, federal, and national laws should be considered when operating any UAS.

Operational volume and contingency volume are defined in SORA semantic model. Figure 1 provides a consistent use of the terms. Figure 2 provides a graphical representation of the model.

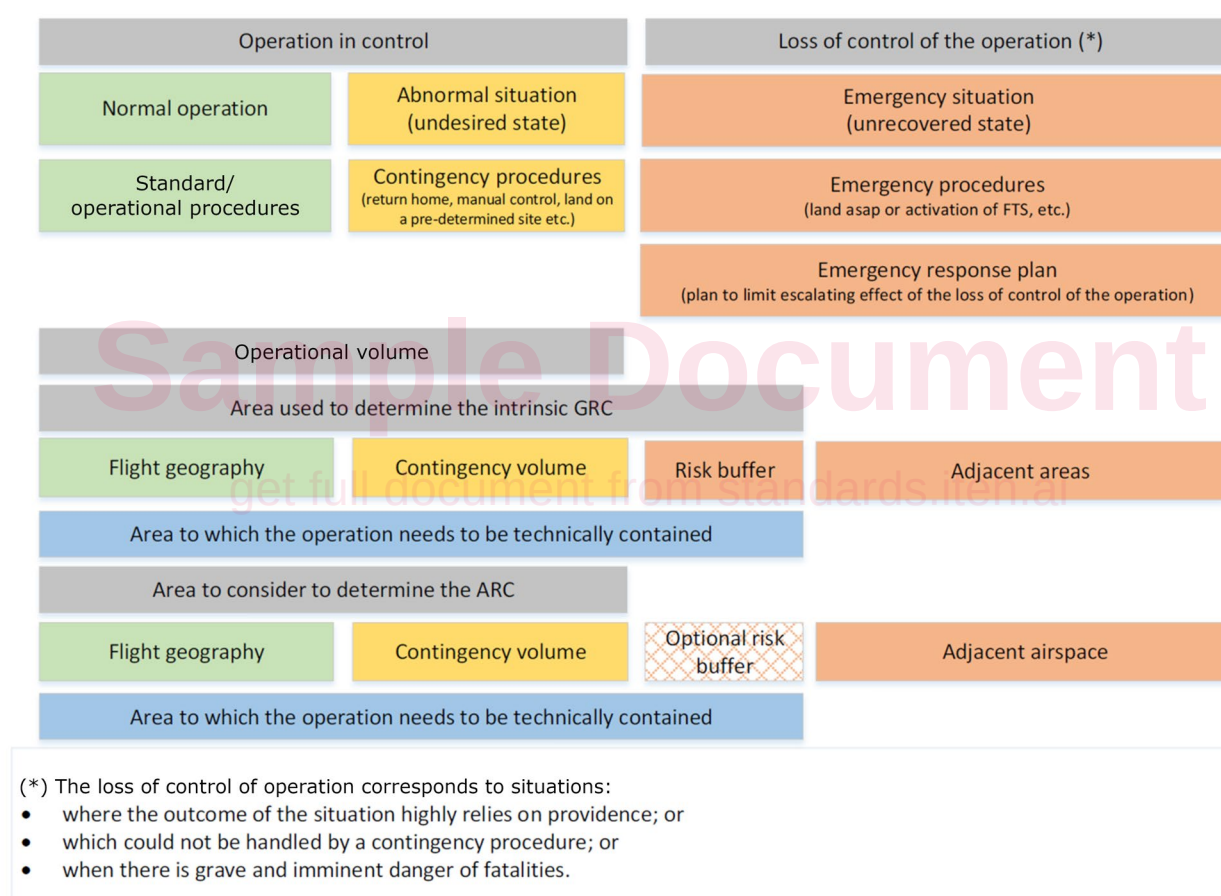


Figure 1 — SORA semantic model [Source: *Easy Access Rules for Unmanned Aircraft Systems*, September 2022]

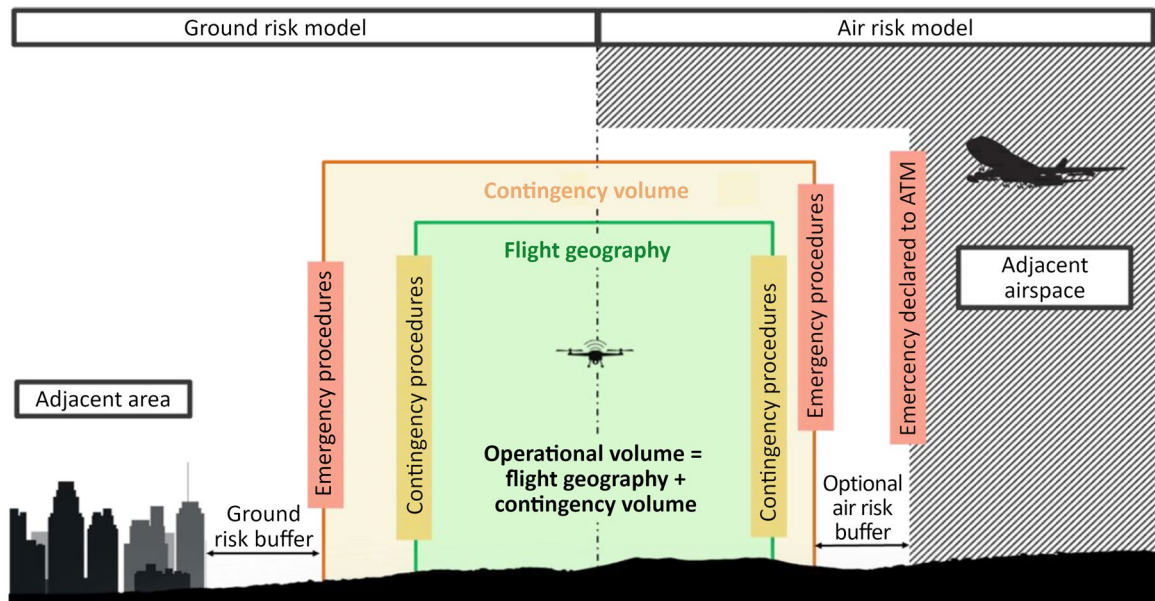


Figure 2 — Graphical representation of the SORA semantic model [Source: *Easy Access Rules for Unmanned Aircraft Systems*, September 2022]

NOTE 1 SORA Step #9 – Adjacent area/airspace considerations and PDRA-G01, G02 and G03.

This document provides a contribution to SORA Step #9 compliance, requirement (b), also known as Standard containment. Nonetheless, this document cannot be used as a complete means of compliance to SORA Step #9, as it does not include design requirements.

NOTE 2 PDRA-G01, G02 and G03 also include this requirement in section Technical provisions, Containment.