

ED-269 Change 1

MINIMUM OPERATIONAL PERFORMANCE STANDARD FOR GEOFENCING

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MODIFIES ED-269

FOREWORD

1. This document was developed by EUROCAE Working Group 105 “Unmanned Aircraft Systems”, Subgroup 3 “UTM”, and was approved by the Council of EUROCAE on 08 January 2025.
2. This document modifies ED-269 Minimum Operational Performance Standard for Geofencing, that was approved by the Council of EUROCAE on 19 May 2020. “Chapter 8”, “Chapter 9” and “Appendix 2” from ED-269 related with data format, data requirements and data exchange have been removed, as they are now covered by ED-318 Technical Specification For Geographical Zones And U-Space Data Provision And Exchange.
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CHANGE 1 TO ED-269

Change 1 to EUROCAE ED-269, Minimum Operational Performance Standard for Geofencing, addresses the need to avoid confusion between EUROCAE standards ED-269 and ED-318.

Current ED-318 Technical Specification for Geographical Zones And U-Space Data Provision and Exchange, published in January 2024, defines new technical specifications covering:

- data format,
- data requirements, and,
- data exchange;

that supersedes ED-269 Chapter 8 'UAS Geographical Zone Data Model', Chapter 9 'Geofencing Information Service Interface' and Appendix 2 'Information Definition and Data Structures'.

SUMMARY OF CHANGES

Change 1 to ED-269 is summarised as follows:

Description of change	Affected Chapters
Removal of all the content that has been superseded by ED-318.	Entire Chapter 8, Chapter 9 and Appendix 2.
Removal of all cross-references to Chapter 8, Chapter 9 and/or Appendix 2.	Chapter 1 - 1.1 'This specification is gathered in chapter 8, 9 and Appendix 2.'
	Chapter 2 – 2.7 'The protocol to get the UAS Geographical zone data as input to the Geofencing function, the associated data format, the expected characteristics and properties of these data are described in chapters 8 and 9 plus appendix 2.'
	Chapter 2 – 2.8 'Maintaining the integrity and validity of UAS geozone data during the transfer to the UAS is ensured by the interface proposed in chapter 9 (use of WS-Light and TLS).'
	Chapter 3 – 3.1.1 'REQ008: The Geoawareness function shall operate correctly for any geographical zone defined in conformance with the data format chapter 8 and the appendix 2.'
	Chapter 3 – 3.1.3 'REQ018: The Geoawareness function shall load the data defining the UAS geographical zones provided by authoritative sources using methods and/or services which meet the applicable regulations, using the data model and interface described in chapters 8, 9, and Appendix 2.' 'NOTE: The interface proposed in chapter 9 enables to ensure that the geozone data have not been not degraded in integrity and validity at loading or updating (use of WS-Light and TLS).'
	Chapter 3 – 3.1.4 'REQ022: ... (e.g.: when two periods of publicationLinkVerificationFrequency period have elapsed without receiving the related message, see chapter 9)'
	Chapter 5 – 5.3 'as per ch.8' (5 occurrences) 'Interface testing as per ch 8 & 9'