



SESAR Solution Regulatory Overview

Point Merge Complex TMA

Document information

Document Name	SESAR Solution Regulatory Overview - Point Merge Complex TMA
Edition	01.00.00

Abstract

This document contains an overview of the SESAR Solutions documented recommendations from regulatory, standardisation, oversight and certification perspectives resulting from the cooperation with EASA and National Authorities.

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[REDACTED]	[REDACTED]	n/a

Document History

Edition	Date	Status	Author	Justification
00.00.01	20/09/2013	Draft	[REDACTED]	Incorporation of initial results
01.00.00	22/10/2013	Final	[REDACTED]	Finalised document

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1 Introduction

The purpose of this document is to provide an overview of the SESAR Solutions documented recommendations from regulatory, standardisation, oversight and certification perspectives resulting from the cooperation with EASA and National.

The document presents the recommendations issued by the National Authorities and EASA, for an acceptable deployment of the concepts contained in the SESAR Solution. These recommendations must be taken into consideration by the entities in charge of deployment of the correspondent SESAR Solution.

2 General recommendations

In general terms, it must be underlined that:

- 1) When deploying a SESAR Solution, the compliance with all applicable regulatory requirements must be ensured by the different concerned entities;
- 2) In particular, it must be ensured that the appropriate safety argument for the concerned change to the ATM functional system is performed in accordance with EC regulation 1035/2011 considering local specific risks and mitigation to those risks.
- 3) The present SESAR Solution does not constitute in itself an acceptable Means of Compliance with the previously mentioned regulatory requirements. Means of Compliance are subject to their acceptance by the Authorities involved in each concrete local implementation.
- 4) A verification of the existing standardisation and regulatory frameworks has to be done at the date of local deployment to identify possible major changes to the one in use at the moment of publication of this SESAR Solution.

3 Specific recommendations

3.1 On the Regulatory Framework

There is no specific topic on the regulatory framework field to be specially considered in deployment, beyond the currently existing applicable regulations.

3.2 On the Standardisation Framework

Current existing standardization frameworks, both at European and ICAO levels, are compatible with the implementation of this SESAR Solution.

3.3 On the Regulatory Oversight and Certification Activities

When proceeding with the local implementation of this solution, the following topics must be taken into consideration:

- Due consideration should be given to local adaptations of air navigation charts and ATCO and flight crew training procedures.
- At present there are no European regulatory obligations to obtain formal approval prior to executing a visual approach and/or a contact approach. Specific requirements may be derived from the national rules of individual Member States. Due consideration should be given, in the local deployment of the solutions, to the concrete regulatory framework concerning visual and/or contact approaches.

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