SESAR Solution Regulatory Overview

Low cost and simple departure data entry panel

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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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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 Authorities.

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 regulation.

3.2 On the Standardization Framework

- The solution is based on AFTN messages which are currently standardised. Consequently, there is no need for further standardisation at this level.

- It could be considered, to ensure the maximum possible harmonization in the implementation of the solution, to standardize the operational procedures for using this function.

3.3 On the Regulatory Oversight and Certification Activities

3.3.1 On various regulatory topics

- The new working methods might result in ATCOs not looking out of the windows anymore and create a lack of situational awareness. Adequate local procedures should be in place to avoid this effect.

- Local training procedures might need to be updated to reflect the new working methods.

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