

RESEARCH PROJECT EASA.2022.HVP.04

Impact of Security Measures on Safety

Interim report listing the safety and security interdependencies to be assessed, the questionnaires and interviews proposed as well as the participant to the surveys D2.2¹

Executive Summary

The report constituted the deliverable D-2.2, serving as an interim report preceding the final deliverable D-2.3 of task 2, which aims to enhance our understanding of how existing security measures impact safety, and to conduct a thorough gap analysis to identify any potential missing element to ensure better safety outcomes.

As an interim report preceding the final report of Task 2, D-2.2 served as a tool to facilitate further analysis scheduled in D-2.3, by delineating the scope of assessment, the selected stakeholders for conducting the assessments, and the methodologies employed.

The findings from Task 1 enabled the identification and description of 60 safety-security interdependencies, as well as the identification of aviation roles encompassing both safety and security functions, or those affected by safety-security interdependencies. Each interdependency has been analysed to provide a comprehensive description of the associated security measures outlined within the European regulatory framework, the security threats mitigated by these measures, their underlying rationale for introduction, and their areas of impact. These elements facilitated the agreement on a final list of interdependencies presented in this report, which will undergo further assessment in D-2.3.

Moreover, building upon the defined areas of impact of each security measure, the interim report D-2.2 delineated the most appropriate stakeholders to be consulted, ensuring that their analysis will be carried out by qualified and relevant aviation professionals. Finally, this report furnished the framework for questionnaires and interviews to be utilised in Task 2.3.

The analyses conducted have enabled the identification of key areas where security measures can potentially impact safety. Notably, within the realm of safety-security interdependencies, these

¹ The information contained in the report was classified as “Sensitive non-classified releasable to Specific Parties” in accordance with EASA Security Policies and was restricted to a group specified by the Contracting Authority in line with the requirements of the research contract EASA.2022.HVP.04.

The Executive Summary is intended to inform the public about the implementation of the research and the main results, including the key findings.

aspects encompass staff training, management systems, dangerous goods detection, reporting responsibilities, and oversight mechanisms.

These areas will require in-depth analysis D-2.3, with the tools and means outlined in D-2.2, to identify potential inconsistencies between security and safety requirements, and opportunities for safety enhancement.

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