



CAELUS Safety Assurance Review

HSSS-AGS-AUD-CAL-001

3.0 Executive Summary

This document of Safety Assurance has been created to reflect the process and outcome of a third party safety review and assessment that has been conducted to ensure that the flight trials proposed by the CAELUS project are safe to proceed.

A full review and assessment has been conducted by the AGS Airports Limited Group Head of Assurance and Senior Safety Consultant for Atkins Aerospace, Defence, Security & Technology, across all aspects including technical evaluation of hardware, documentation – including safety cases and operations manuals – hazard identification workshops and tabletop exercises.

Throughout the evaluation, the safety assurance team met with several project partners to gather relevant information to enable a balanced assessment of the levels of preparedness and planning. As part of the assurance assessments, we verified that the Skyports DS team possess the necessary certifications, licenses and training required by the CAA. They demonstrate a sound understanding of best practices, operational limitations and risk management strategies, ensuring safe and proficient drone operations.

The project has implemented a comprehensive risk management system with a full Risk ID workshop held which included cross consortium input. It was verified that Skyports DS conduct thorough risk assessments, identify potential hazards and develop robust mitigation strategies. Contingency plans and emergency response protocols are well-defined, enabling effective and swift action in case of unexpected events.

Operational and safety criteria assessed over the course of the assurance review were found to be actively in place and functioning as intended. Further to this, the review found the robustness of safety procedures and protocols to be well documented and monitored for continuous improvement. Further information regarding this can be found in Appendix A.



It has been determined that a strong safety culture exists within the Skyports DS and across the CAELUS consortium, consistently demonstrating a commitment to safety as a top priority. Their management and personnel exhibit a proactive approach to identifying and mitigating risks, fostering a safety-conscious environment and compliance monitoring.

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