



Skyparts

UAS BVLOS in Segregated Airspace (Oban-Isle of Mull-Coll) – ACP-2020-099

CAA Airspace Change Assessment Meeting

16 December 2020



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Skyports

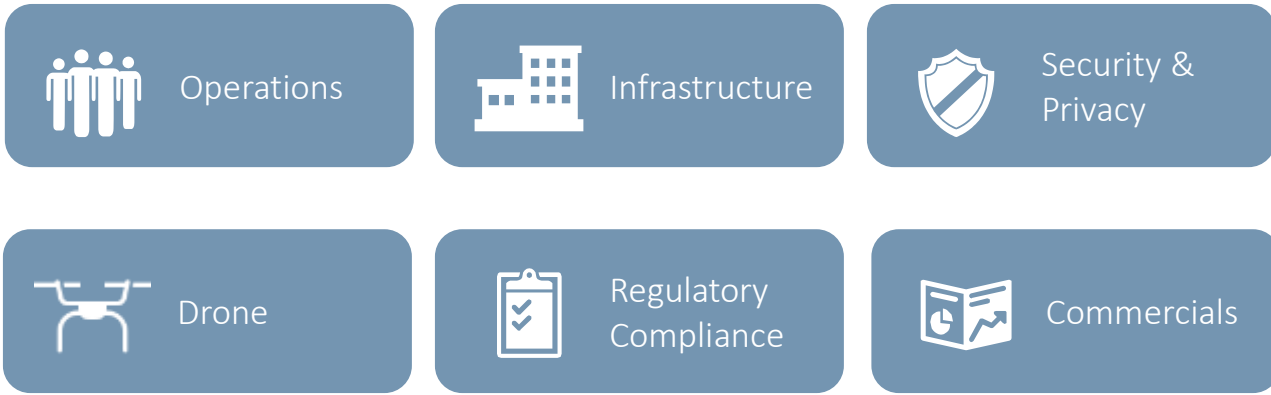
develops, implements and operates end-to-end drone deliveries overcoming inefficiencies associated with traditional transportation methods within the medical, e-commerce and logistics sectors



Skyports is a cargo delivery one stop shop service provider



← Skyports covers all aspects of a drone end-to-end solution →



Skyports is a drone operator not a manufacturer. We choose the right vehicle for the mission and take care of all aspects of the end-to-end drone solution

We are committed to operating to the highest standards of safety





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COVID-19 Response Need:

- Skyports has received a written request from an NHS Board in Scotland to aid them in their response to COVID-19
- The project is part funded through a joint initiative by the European and UK Space Agencies to utilise space-enabled technology to assist with the Covid-19 response

Multi-Month Trial:

- Skyports will operate a BVLOS drone delivery trial service during a minimum three-month trial*
- Skyports will deliver COVID-19 testing kits, medical samples (inc. dangerous goods), PPE, and equipment between multiple NHS healthcare facilities on the west coast of Scotland

Objectives:

- Skyports will integrate its drone service into the NHS supply chain and develop greater understanding of how to scale a medical delivery service.
- Develop its route network during the trial and assist more healthcare facilities with their COVID-19 response.

Airspace Segregation:

- Skyports believes it will require volumes of segregated airspace for the period of the business trial to safely execute its operations

* Three months trial partially covered by operations under existing ACP-2020-055





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COVID-19:

- The project is a direct industry response to the UK Government's call for help to address and mitigate the health and social impacts of the COVID-19 pandemic
- Contribute to the understanding of and viable responses to COVID-19

Community Support:

- A medical drone delivery service has the potential to provide vital access to medical care for hard-to-reach communities

Scale-Up:

- A successful trial has the potential to be the blue-print for a reliable and scalable medical drone delivery service

Stakeholders:

- Effects on local stakeholders may be minimised through airspace construction as a result of knowledge of use and issues raised during the recent targeted aviation stakeholder engagement exercise completed for ACP-2020-055 in the adjacent area and ACP-2020-038 earlier in 2020 in the same region.

Deconfliction:

- Skyports will have in place a robust process of airspace deconfliction to minimise impact on other airspace users needing access to the volume of segregated airspace once active





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