

UAVE Ltd

Airspace Change – ACP-

2020-049

UAS BVLOS in Segregated

Airspace

Formal Targeted Aviation

Stakeholder Engagement

Version 1.2 – Dated:

13th

May 2021

Amendment record

Issue	Amendment	Date
V1.0	Initial Issue	27/04/2021
V1.1	Amended Copy	10/05/21
V1.2	Amended Copy	13/05/21

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If this document is updated following meetings with the Civil Aviation Authority (CAA) or for any other reason, the SUA Operator as Change Sponsor will publish a new version on the CAA Airspace Change online portal for all to see. This is to enable the CAA to refer to the correct version if it needs to publish a determination of whether an airspace change is a relevant option to investigate.

Referenced documents

Document	Version	Version & Date	Source
CAP 1616	Airspace Change – Guidance on the regulatory process for changing the notified airspace design and planning and planned and permanent redistribution of air traffic, and on providing airspace information	Version 4.0 March 2021	CAP 1616

Acronyms and abbreviations

ACP	Airspace Change Proposal
AFISO	Aerodrome Flight Information Service Officer
AMSL	Above Mean Sea Level
BVLOS	Beyond Visual Line of Sight
CAA	Civil Aviation Authority
CAP	Civil Aviation Publication
DAAIS	Danger Area Activity Information Service
FIS	Flight Information Service
Freq	Frequency
GA	General Aviation
HLS	Helicopter Landing Site
NHS	National Health Service
MOD	Ministry of Defence
NOTAM	Notice to Airman
LTD	Limited
POC	Proof of Concept
RA(T)	Restricted Area (Temporary)
SFC	Surface
SUA	Small Unmanned Aircraft
TDA	Temporary Danger Area
TOLP	Take-off & Landing Point
TIO	Temporary Information Order
UA	Unmanned Aircraft
UAS	Unmanned Aircraft System
VFR	Visual Flight Rules

1 Introduction

UAVE Ltd (the change sponsor) is seeking a temporary airspace change to support its 2-3 week-long fixed wing UAV geophysical air survey between September to November 2021.

The Airspace Change process, CAA CAP 1616, mandates that all airspace change – temporary or permanent – can only be requested and implemented once due consideration has been given to the possible positive and negative impacts of the change on other airspace users.

Following an Assessment Meeting with CAA Airspace Regulation to discuss UAVE Ltd’s Statement of Need, it was agreed that to facilitate its operations a Temporary Danger Area (TDA) would be required, the proposals for which would be subject to a formal targeted aviation stakeholder engagement exercise.

This document provides a summary of UAVE Ltd’s 2020-049 Airspace Change design to allow aviation stakeholders to comment formally on UAVE Ltd’s TDA design and operational proposals.

2 UAVE Ltd’s change proposals

2.1 Segregated airspace

UAVE Ltd requires a volume of segregated airspace within which to safely execute its operations and presented the following proposed airspace design to local airspace users:

Identification and Lateral Limits			Upper Limit	Lower Limit	Remarks
1			2		3
TDA 1: Newton Stewart			Lower Limit: SFC Upper Limit: 3670 ft AMSL		Activity: UAS Beyond Visual Line of Sight (BVLOS) Hours: 09.00-17.00 DAAIS: Prestwick Information FREQ: Prestwick Approach: 129.450 121.500 Emergency, Prestwick Information ATIS: 121.130, Prestwick Radar 124.630. TEL: UAVE Ltd Flight Crew Sponsor: UAVE Ltd
Point	Lat	Long			
1	55.1019	-4.12846			
2	55.179	-4.40217			
3	54.9823	-4.65009			
4	54.8918	-4.34535			

FIGURE 1: TOP DOWN VIEW(S) OF PROPOSED AIRSPACE DESIGN



2.2 Notification

CAA Airspace Regulation will promulgate TDA activations by NOTAM for the period of planned use.

2.3 TDA activation

Date	Time
Monday to Friday 1 st September- 29th November 2021	09.00-17.00 hrs. Mon-Friday