

# Safety and Airspace Regulation Group

## Statement of Need

### CAP1616

### TDA Temporary Airspace Change

Date: 04<sup>th</sup> May 2022

#### Abbreviations

ACP - Airspace Change Portal

CAA – Civil Aviation Authority

CLIENT – XXXXXXXX

SoN - Statement of Need

TDA – Temporary Danger Area

UAV - Unmanned Aerial Vehicle

#### Statement of Need (SoN)

CLIENT are a mineral exploration company with mineral concessions around Dolgellau, Gwynedd, Wales. CLIENT wish to undertake a magnetic geophysical survey of their mineral concession areas. Historically magnetic surveying was either undertaken on foot or from low flying manned aircraft. UAVE have been contracted by CLIENT to plan and conduct the aeromagnetic survey using their Prion Mk3 Unmanned Aerial Vehicle (UAV), if it is deemed appropriate and safe to do so. The UAVE manufactured Prion Mk3 UAV was designed specifically for aeromagnetic surveying. It first flew in the UK in 2008 and conducted its first unmanned commercial aeromagnetic survey in Norway in 2011.

UAVE as sponsor of this Temporary Airspace Change request have entered into this process with the CAA to determine if establishing a Temporary Danger Area (TDA) to enable safe and segregated Prion Mk3 UAV flights to be undertaken is appropriate.

This document, once redacted, will be uploaded to the Airspace Change Portal (ACP)

Prepared by:

UAVE Limited

