



# DAP1916 - Statement of Need

Tracking Code: 82DV5JG

## BEFORE YOU BEGIN

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Please ensure the contents of CAP 1616 Appendix A are referred to prior to completing this form. \*

## TYPE OF CHANGE

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### 1. Category of Airspace Change

Does your proposal concern Changes to Notified Airspace Design or Planned and Permanent Redistribution of Air Traffic? \*

Changes to Notified Airspace Design  Planned and Permanent Redistribution of Air Traffic

Have you previously submitted a Statement of Need?

Please enter a title for this intended change, (max 80 characters): \*

Apian Northumbria NHS Air Grid

### 2. Title of proposal

Which of the following categories is the proposal being progressed under? \*

Permanent  Temporary  Trial

## SPONSOR

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### 3. Change Sponsor Details

Please select the appropriate category and complete. \*

- A Company  
 An Unincorporated Association or other body  
 Individual (including sole traders and partnerships)

#### 3a. A Company

Registered Company name (in full) \*

Apian Ltd

Registered Company Number

12578044

Trading Address (primary site)

as above

Trading name (if applicable)

E-mail

airspace@apian.aero

Postcode

SE1 8HP

Registered Office Address

2-6 Boundary Row, London

Country of Company Registration

England & Wales

Country

Postcode

Mobile Number (for Airspace Portal) \*

Email \*

Confirm Email \*

Telephone \*

Requires Airspace Portal Access ?

Primary Point of Contact Name \*

Website address

apian.aero

### Additional Contacts

You can add up to 4 additional contacts

**Contact 1**

Contact Name \*

Requires Airspace Portal Access ?

Telephone \*

Mobile Number (for Airspace Portal) \*

Email \*

Confirm Email \*

 DELETE CONTACT

 Add Contact

**STATEMENT OF NEED**

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**Independent Aviation/Airspace Consultancy**

Is an Independent Aviation/Airspace Consultancy involved in this proposal?

**Aviation Consultancy**

Registered Company name (in full) \*

Registered Company Number

Country of Company Registration

Registered Office Address

Postcode

Telephone

Trading name (if applicable)

Trading Address (primary site)

Country

Postcode

Website address

Primary Point of Contact Name \*

Primary Contact

Should the CAA use the Independent Consultancy as the primary point of contact for this airspace change proposal?

Requires Airspace Portal Access ?

Telephone \*

Mobile Number (for Airspace Portal) \*

E-mail \*

### Additional Contacts

You can add up to 4 additional contacts

**+** Add Contact

### Statement of Need

Please provide a brief 'Statement of Need' clearly explaining what the current/existing situation is **and** what issue or opportunity this proposal is seeking to address.

Further information can be found in CAP1616 \*

The change sponsor, Apian, in conjunction with the Northumbria Healthcare NHS Foundation Trust is looking to conduct the second stage of feasibility trials using Unmanned Aircraft Systems (UAS), for the distribution of medical payloads including but not limited to chemotherapy drugs, patient samples, blood packs and other urgent medical supplies. The flights will look to operate a hub and spoke distribution network to a number of hospitals in Northumbria. This project is building upon the learnings and outputs from the Northumbria Aerial Delivery Network that Apian has previously conducted (ACP 2022-031)

The change sponsor is proposing that the transport of these time sensitive small and medium-weight healthcare items are conducted by UAS flying Beyond Visual Line of Sight (BVLOS) operations. In order to do this in the area selected for this activity, current regulation requires the activity to be contained within segregated airspace.

**Five-Letter Name Codes (5LNC)**

Does this request solely concern the reservation of new Five-Letter Name Codes (5LNC) in advance of a future proposal?

**Secretary of State for Transport's priorities**

Is the proposal being progressed under any of the priorities set by the Secretary of State for Transport or any other CAA priority such as safety or national security?

**Airspace Modernisation Strategy \***

Is the proposal supporting the delivery of the Airspace Modernisation Strategy? If not, please use the text box below to explain how the proposal is not inconsistent with the Airspace Modernisation Strategy

Yes it is supporting the AMS.

**Additional Information**

Please use the box below to add any further information which the CAA should be aware of when considering this submission (for example dependencies on other airspace change proposals, proposed operating date(s) and/or funding deadlines)

Flights are planned to commence September 2023 in order to take full advantage of likely weather conditions, workloads of the organisations involved (including public bodies) and the funding allocation timetable.

We believe it would be beneficial to have the same case officer as ACP-2022-031 for continuity for the CAA and Apian, subject to availability.

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## SUBMISSION INSTRUCTIONS

### Submission

Your form has been successfully submitted. Please keep a copy of this acknowledgement for your records.

Date and Time:

13 Mar 2023 11:01:13 AM

Application Submission Number:

DAP1916V2-688

Please note that the Airspace Regulation team will contact you to acknowledge receipt of your Statement of Need and to confirm the unique ACP reference number (ACP-YYYY-NNN) allocated to this submission. Following receipt of your unique ACP reference number, you will be required to create an associated airspace change proposal on the **CAA's Airspace Change Portal** (<https://airspacechange.caa.co.uk/>). Please refer to CAP 2385 Airspace Change Portal Important Information Guide.

Given the high number of new airspace change proposals (ACP), together with those proposals which are already in the system, it is possible that the proposal may not be assigned to a Technical Regulator/Account Manager immediately following submission of the Statement of Need. New proposals are allocated on a first come first served basis, unless the proposal is directly related to safety or national security matters, or as directed by the Secretary of State for Transport's priorities.

Once your submission has been assigned to an Account Manager/Case Officer, arrangements will be made for you to attend an Assessment Meeting. One of the key outputs from this meeting will be an indicative timeline for the proposed PPR. For Permanent changes, to enable the CAA to consider your proposed timescales, you will be expected to present dates for the following milestones at the Assessment Meeting:

- DEFINE Gateway
- DEVELOP & ASSESS Gateway
- CONSULT Gateway
- Formal Airspace Change Proposal Submission
- Target AIRAC

The CAA holds Gateway Assessment Meetings on a monthly basis and the annual schedule is published on the **CAA's airspace change portal** (<https://airspacechange.caa.co.uk/about-airspace-change/>).

Finally, you should also note that from September 2018 any amendments submitted by a Data Originator or ANSP for onward promulgation in the UK IAIP will be subject to the Aeronautical Data Quality Requirements. See Regulation (EU) No. 73/2010 as retained (and amended in UK domestic law) under the European Union (Withdrawal) Act 2018 and **CAP 1054: Aeronautical Information Management** (<https://publicapps.caa.co.uk/modalapplication.aspx?appid=11&mode=detail&id=6808>) guidance material for further information. These requirements will be discussed in greater details during the course of your initial meeting with the CAA.

When you have completed this form, click this button to submit the form for processing. Do not click this button more than once. You will then be provided with further instructions.