



DAP1916 - Statement of Need

Tracking Code: **3VUKX9**

CHANGE

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

2. Title of proposal

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

Skyfarer NHS drone delivery trials

☐ Have you previously submitted a Statement of Need ?

SPONSOR

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) *

Skyfarer Ltd

Registered Company Number

12071596

Country of Company Registration

UK

Registered Office Address

5 Whitefriars Street, Coventry, West Midlands, England

Postcode

CV1 2DS

E-mail

[REDACTED]

Trading name (if applicable)

Trading Address (primary site)

Studio 15 Canal Warehouse Leicester Row Coventry

Country

UK

Postcode

CV1 4LH

Website address

<http://www.skyfarer.co.uk/>

Primary Point of Contact Name *

[REDACTED]

☐ Requires Airspace Portal Access ?

Telephone *

Email *

Additional Contacts

You can add up to 4 additional contacts

STATEMENT OF NEED

4. 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

Email

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) *

Email *

Additional Contacts

You can add up to 4 additional contacts

5. Statement of Need

Please provide a brief 'Statement of Need' clearly explaining what issue or opportunity this proposal is seeking to address.

*Further information can be found in CAP1616 **

Skyfarer Ltd (the airspace change sponsor) are a UK-based Unmanned Aircraft (UA) operator leading the UKRI sponsored project 84502 - 'enabling drone powered medical logistics in the UK'. The project aims to progress the operational capability of drone technology into a logistical use case specifically for medical delivery in association with the NHS. The potential benefits of conducting medical deliveries by drone include reductions in transport times, road congestion and CO2 emissions.

The planned trials require Beyond Visual Line of Sight (BVLOS) drone operations between routes that connect Coventry University Hospital, Rugby Hospital and a staging area located near the village of Marton (approximately six nautical miles to the south of Coventry Hospital). The trials would take place over a two-month period commencing mid-August and ending mid-October 2021.

Current regulations mandate that BVLOS operations must be conducted within 'Segregated Airspace' unless the drone is equipped with an approved detect and avoid (DAA) capability. Skyfarer drones are not equipped with DAA (nor is there currently a CAA approved solution available) therefore, Skyfarer wish to make an application for a temporary danger area (TDA) for the purpose of providing an appropriate operating environment in order to conduct these trials.

6. Administrative Changes

☐ Does your proposal represent an administrative change to the Aeronautical Information Publication (Proposed Level 0 change)?

7. Instrument Flight Procedures

☐ Does your proposal have the potential to include a change to and/or new IFPs?

8. 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?

9. 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 and/or funding deadlines):

SUBMISSION INSTRUCTIONS

Submission

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

Date and Time: **16 Apr 2021 4:01:22 PM**

Application Submission Number: **DAP1916V2-231**

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](#). Please refer to CAP 1706: CAA Airspace Change Portal Sponsor Training Manual provides for further information/guidance on how to use the Airspace Change Portal.

Once your submission has been assigned, 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 airspace change. 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 website](#).

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 [Commission Regulation \(EU\) No 73/2010](#) (updated by 1029/2014) and [CAP 1054: Aeronautical Information Management](#) guidance material for further information. These requirements will be discussed in greater detail 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.