



ACP-2021-038 – Skyfarer NHS drone delivery trials Coventry – CAA Assessment Meeting

Agenda

1. Introductions & Recording
2. Statement of Need (discussion & review)
3. Issues or opportunities arising from proposed change
4. Process requirements CAA
 - i. TDA Policy Statement
 - ii. Stakeholder engagement
 - iii. Safety Assessment
5. Provisional Timescales
6. Next steps
7. AOB

Introductions

Skyfarer –

Across Safety -

CAA –

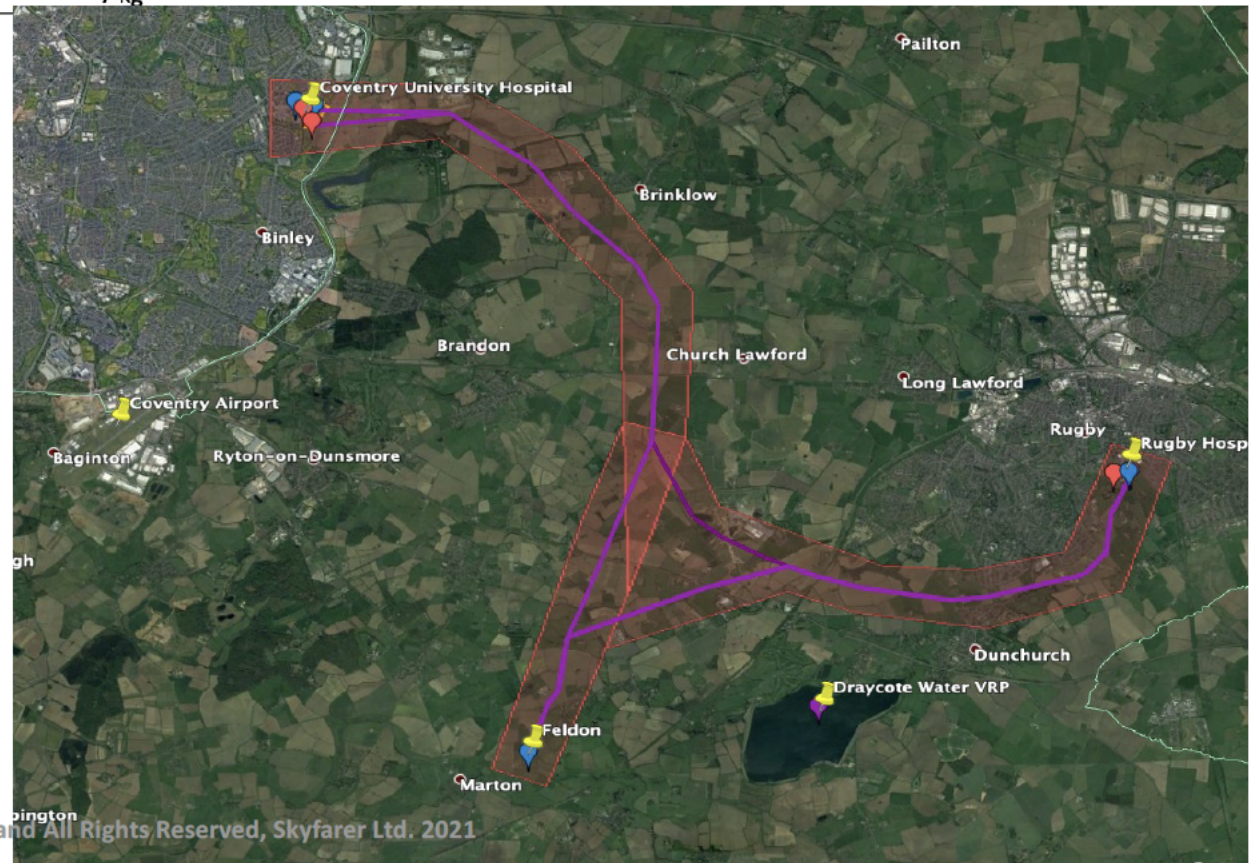
CAA -

Statement of Need

- 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 'Feldon' 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 26th August 2021 and ending late-October 2021.



Wingspan	3.5 m
MTOW	35 kg
Max Range SR	75 km
Max Range LR	180 km
Range with Max Payload SR	60 km
Range with Max Payload LR	100 km
Max Payload SR	10 kg
Max Payload LR	7 kg



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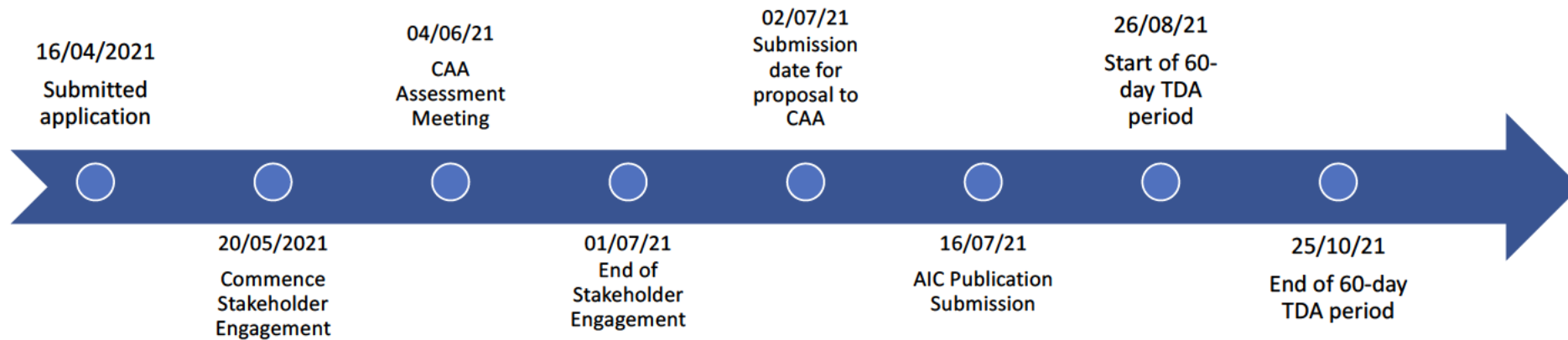
Opportunities & Economic Factors

- Facilitates flight trials of medical deliveries
- Reduces CO² and road traffic
- Improves delivery times

Environmental Factors

- Zero emissions electric powered
- Noise level:
 - On take-off/landing - on par with an average quad copter
 - In fixed wing mode – lower than an average quad copter
- Operating area over rural areas

Provisional Timescales



AOB and Next Steps

- Minutes of the meeting to be produced and approved by the CAA prior to publishing on the CAA Portal
- Meeting recording to be deleted