

OSC Success Stories

ARPAS-UK AGM

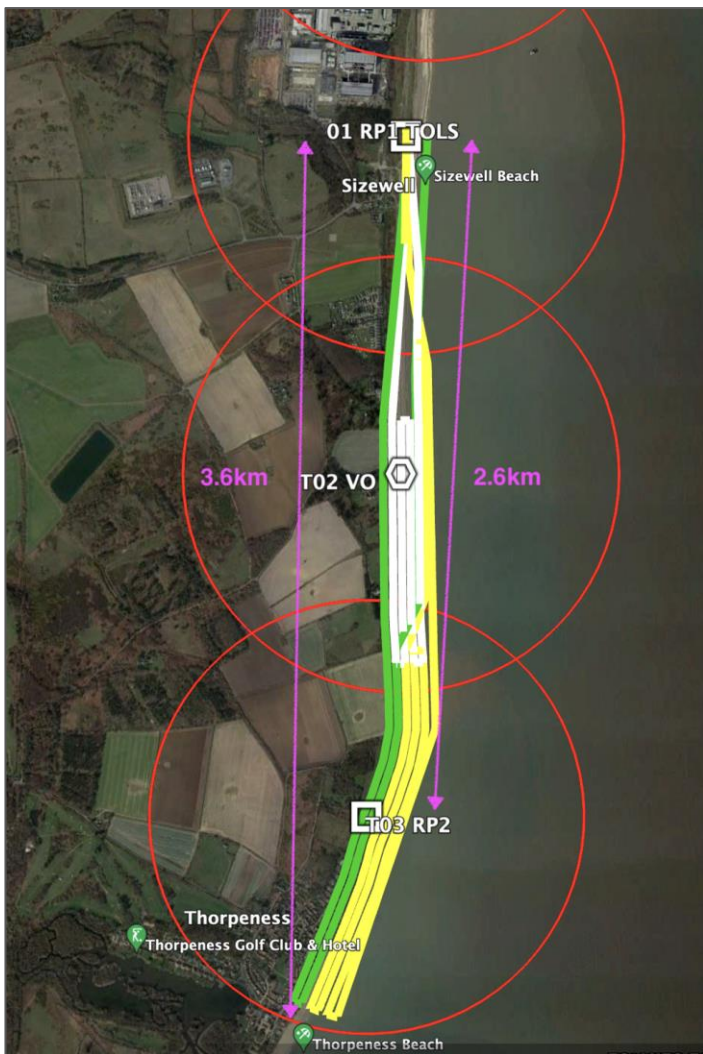
Rowley Cory-Wright

Current Operational Authorisations

- VLOS out to 850m
- BVLOS VM out to 2500m
- Control Handover
- Reduced Separation Distances
- Overflight of Uninvolved Persons

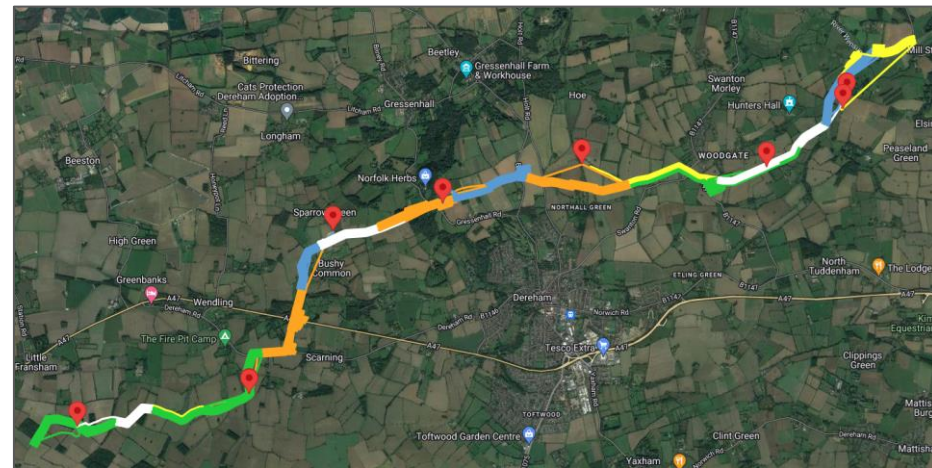
BVLOS VM

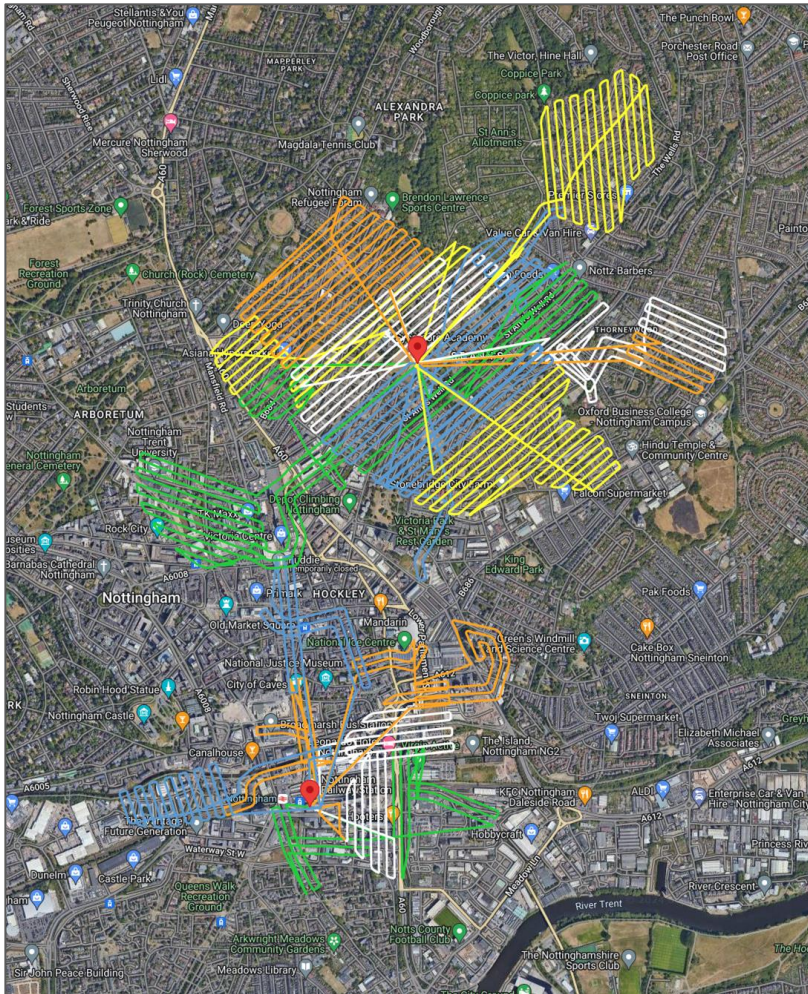
- 7km Coastal Erosion Survey conducted in 2 hrs.
- Single TOLS.
- Overflight of UPs.
- Approaching limits of standard DJI C2 link



Control Hand Over

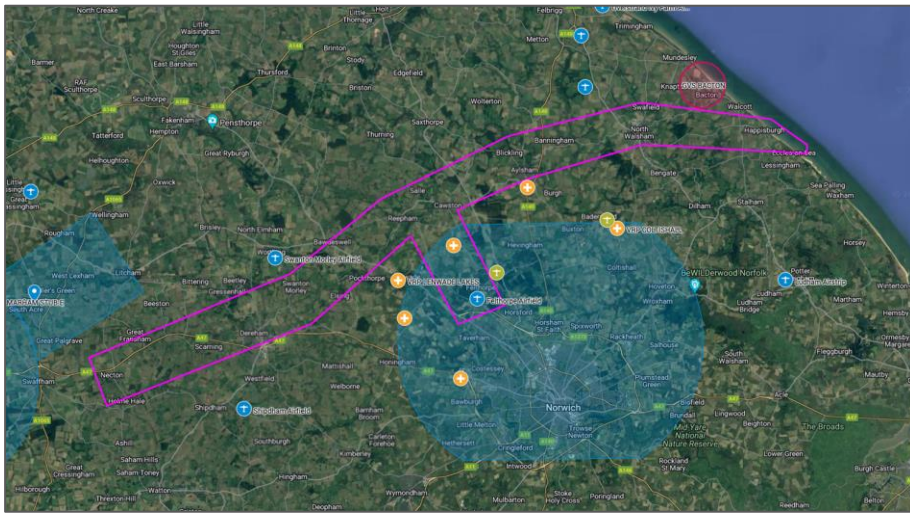
- 20 Km Construction corridor survey in under 6 ½ hours.
- 7 TOLS.
- Overflight of UPs.
- Approaching limits of standard DJI C2 link
- Next Phase OSC - Remove VO in the middle.





Overflight of UPs

- BVLOS VM - Thermal Survey
- 300ha in 7 hrs
- Risk Quantification
- C2 link issues - Structural Shielding.



CAA TRA Sandbox

- 60km Construction Corridor
- BVLOS
- C2 over BT Mobile Network
- Accommodation → Integration
- Air Risk Quantification
- EC / Ground Sensor Network



Locate Flthorp  (ATOM) Air Traffic Overview & Management



ZM717	43C93F	AAC312
Army Air Corps	United Kingdom	Military
Boeing AH-64 Apache	H64	
Altitude:	Vertical Speed:	Speed:
600 ft	204 fpm	77.9 kts
Heading:	Distance:	Squawk:
161.0°	13.89 nmi	4533
Engines:		Twin turbo
Species:	Wake Turbulence:	
Helicopter	Medium	
Routes:		Route not known

www.airport-data.com :: www.airliners.net ::



Vanguard TRA Sandbox
More info on the BVLOS Trial



Questions