

# BRIEFING SHEET

## UNITED KINGDOM



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**Date Of Publication**  
01 September 2022



### TRIAL OF 978 MHZ UAT ADS-B OBSTRUCTION BEACONS AT 13 GLIDER, HANG/PARAGLIDER AND MODEL FLYING SITES 01 SEPTEMBER 2022 – 31 OCTOBER 2022

1. Between **01 September 2022 and 31 October 2022**, a trial of ground-based 978 MHz Universal Access Transceiver (UAT), ADS-B Obstruction Beacons will take place at 13 locations across England. 5 locations are glider winch launch sites, 4 locations are hang gliding and paragliding sites, and 4 locations are model flying sites.
2. The ADS-B Obstruction Beacons will broadcast as ADS-B Point Obstacles at fixed altitudes (FT AMSL) according on the operational procedures of each site to provide electronic conspicuity of site's aerial activity to enhance situational awareness. The altitude to be broadcast by each ADS-B Obstruction Beacon is listed in the table below. Each ADS-B Obstruction Beacon has a unique digital identification, which will be included in the broadcast from the beacon. The ADS-B Obstruction Beacon identifications are also listed in the table below.
3. The trial is approved by the CAA to evaluate digital Flight Information Service provision as part of the Airspace Modernisation Strategy and is being managed by uAvionix in collaboration with the British Gliding Association, British Hang Gliding & Paragliding Association, and the British Model Flying Association/Large Model Association.
4. The ADS-B Obstruction Beacon at a particular site will only be activated during periods of flying activity at that site. Activation of the ADS-B Obstruction Beacon may take place at any time.
5. Airspace users equipped with 978 MHz UAT ADS-B IN and within range of these broadcasts should be able to receive real-time alerting of site activity from the ADS-B Obstruction Beacon if their avionics/Electronic Flight Bag application receives 978 MHz UAT ADS-B IN data and supports the display of 978 MHz UAT ADS-B Point Obstacles. Some avionics/Electronic Flight Bag applications may not yet correctly display ADS-B Point Obstacles. Gathering feedback on such matters is one objective of the trial.
6. Further information is available here: <https://uavionix.com/projects/ukobsbeacon/>.
7. Feedback on airspace user's experience of the trial is welcome and maybe submitted here: <https://uavionix.com/projects/ukobsbeaconfeedback/>.
8. Email contact details for the trial: [uk978uat@uavionix.com](mailto:uk978uat@uavionix.com).

9. The 13 sites are as listed in the table below:

Assoc	Club	Lat/Long	Beacon ID	Beacon Alt AMSL (FT)
BGA Sites	Burn Gliding Club	534707N 0010551W	UKWLBURN	3100
	Cambridge Gliding Club	521109N 0000640W	UKWLCAMB	3300
	The Gliding Centre, Husbands Bosworth	522626N 0010238W	UKWLBURN	3500
	Lasham Airfield	511118N 0010152W	UKWLEGHL	3625
	Derbyshire & Lancashire Gliding Club	531817N 0014345W	UKWLDLGC	3400
BHPA Sites	Challow Paragliding Club	513629N, 0012843W	UKHPCHAL	1300
	Wessex HGPG	505229N 0021728W	UKHPWESS	2800
	Avon HGPG	513715N 0024325W	UKHPAVON	2800
	Cambridge Aerotow Club	523839N 0000641E	UKHPCAMB	2000
BMFA /LMA Sites	LMA North West Site	532646N 0022821W	UKMFLMNW	475
	BMFA Buckminster	524650N 0004242W	UKMFBUCK	1950
	Wimbourne Model Aero Club	505532N 0020117W	UKMFWIMB	1850
	Phoenix Model Flying Club	514259N 0001541W	UKMFPHOE	1775