

BRIEFING SHEET UNITED KINGDOM 043/2025		
	Date of Publication	23 June 2025
Plane Finder	Notes (a) All times are UTC. (b) References are to the UK AIP. (c) Information, where applicable, should also be used to amend appropriate charts.	
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TRAFFIC INFORMATION SERVICE – BROADCAST (TIS-B) RESEARCH TRIAL 01 JUL – 31 JUL 2025		

Traffic Information Service – Broadcast (TIS-B) research trial

1. A Traffic Information Service – Broadcast (TIS-B) research trial is being conducted in the vicinity of Chichester/Goodwood Aerodrome (EGHR) to evaluate the benefit of enhanced visibility of non ADS-B, Mode S or FLARM aircraft for pilots using Electronic Conspicuity (EC) devices.

Electronic Conspicuity – Limitations

2. Mode S only aircraft are not normally visible to portable EC devices due to lack of transmitted GPS data. Additionally, some EC devices receiving on 978MHz cannot receive FLARM and TIS-B concurrently.
3. A large proportion of general aviation aircraft in Class G airspace are non ADS-B equipped.

TIS-B Explained

4. TIS-B allows ground receivers to track Mode S and FLARM targets and broadcast their positions on 978 MHz (UAT) to compatible airborne receivers.
5. Targets become visible to aircraft with appropriate receivers and displays even if those targets do not broadcast their own GPS based positions.
6. Some EC devices receiving on 978MHz cannot receive FLARM and TIS-B concurrently, therefore it is necessary to re-transmit FLARM via TIS-B in order to facilitate the reception of Mode S and FLARM.
7. This trial focuses on Mode S and FLARM re-transmission only.
8. FLARM re-transmission is based on reception of FLARM at a small number of ground-based receivers in the TIS-B network (i.e. FLARM coverage via TIS-B re-transmission will not be identical to air-to-air FLARM coverage).

Trial Details

9. This trial will take place between **01 July and 31 July 2025**.
10. The volume of airspace covered by the trial will be within a 10 NM radius of Chichester/Goodwood Aerodrome EGHR (505134N 0004533W), up to up to 5000 FT AMSL.
11. Trial activation will be notified by NOTAM.

Reception & Compatibility

12. TIS-B transmission will be compatible with devices supporting 978 MHz / UAT reception, for example, suitably configured uAvionix SkyEcho 2.
13. For information on compatibility with SkyDemon and ForeFlight equipped devices, additional information may be found on the dedicated TIS-B trial website <https://www.tis-b-research.co.uk/>

User Engagement

14. Pilots are encouraged to participate in the online feedback survey.
15. For updates on the trial and further information please email: contact@tis-b-research.co.uk

TRAFFIC INFORMATION SERVICE BROADCAST (TIS-B) RESEARCH TRIAL AREA

5 0 5NM

NOTE: Aeronautical/topographical background detail shown from CAA VFR chart.

See NATS AIS website for latest VFR amendments.

**SEE FULL DOCUMENT FOR DETAILS,
DATES & ACTIVE TIMES**

