

AIRSPACE CO-ORDINATION NOTICE

Safety and Airspace Regulation Group



ACN Reference:	Version:	Date:	Date of Original
2021-11-0112	1.0	12/10/2021	09/10/2021

NAVAID CALIBRATION LAMBOURNE (LAM) VOR/DME

NDS

Subject to NOTAM: No

Date(s) of activity/Validity:	Times (ALL TIMES UTC)
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04 th November 2021 – 31 st May 2022	22:00 – 04:30
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Vertical Limits:	Allocated Mode 3A (SSR):
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3,000ft AMSL – FL100	0024
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Aircraft Details:	NDS Approved:
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Type: DA62 Callsign: VOR05 (<i>FlightCal</i>)	Yes – <i>Subject to the conditions in Section 2</i>
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Event Sponsor(s):	Aircraft Operator(s):
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NATS Engineering NATS CTC 4000 Parkway Whiteley Fareham PO15 7FL 01489 615365 Richard.Handford@nats.co.uk	Flight Calibration Services Calibration House 17-19 Cecil Pashley Way Shoreham Airport Shoreham-by-Sea West Sussex BN43 5FF 01243 538245 operations@flight-cal.com
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ATS Units/ Controlling Agencies:	Geographical Limits:
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Southend Swanwick LTC – SWA 01702 538420 02380 401110	
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Airspace Reservations:

EG D138D Shoeburyness 01702 383211

Departure/Destination Aerodrome(s)	ACN Issued by:
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EGMC	AS3
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SECTION 1: CO-ORDINATION ARRANGEMENTS (GENERAL)

1. The pilot/operator is requested to telephone the ATC authorities on the cover prior to departure in order to notify or update the sortie details including area(s) of operation and planned levels (quoting the ACN Reference). A minimum of 24 hours' notice should be given unless specified in Section 2.
2. There may be other aircraft and/or activities outside Controlled/Regulated Airspace unknown to ATC.
3. The carriage and operation of a serviceable transponder (including Mode 'C') has been specified.
4. The pilot will be responsible for obtaining all necessary ATC clearances and for maintaining R/T contact with appropriate ATC authorities.
5. The pilot/operator will be responsible for obtaining prior clearances to enter any UK Danger Areas affected by the flight profile from the appropriate Range Control Authority unless this is specifically detailed in Section 2.
6. Other Unusual Aerial Activities (UAAs) may be notified to the CAA Safety and Airspace Regulation Group (SARG) and may take place within the airspace encompassed by this flight. The pilot/operator is to ensure that UK Daily NOTAM Nav Warnings are consulted prior to each flight.
7. All flights within Controlled Airspace are subject to the requirements of a Flight Plan in accordance with UK AIP ENR1.10. The ACN Reference should be entered into Field 18 of the Flight Plan together with any relevant 'special handling' codes.
8. Flight prioritisation and Non-Deviating Status is in accordance with the information specified on the ACN Cover. Such status may be afforded to part or all of the flight – see Section 2.
9. Availability of an ATS from Plymouth(Mil), Swanwick Mil (78 Sqn) or Western Radar is subject to unit capacity, priorities and limitations of radar and radio coverage. Minimum pre-flight notification as per UK AIP ENR 1.6 unless otherwise specified in Section 2 of this ACN.
10. The CAA actively encourages the use of Moving map technology in the planning and flying phases of flights to reduce the risk of airspace infringements.

PUBLICATIONS AND CHANGES

11. The activity area may lie within Controlled and Uncontrolled Airspace as well as airspace reserved for military use. Aircrew are to thoroughly familiarise themselves with UK airspace structures and procedures, in particular those laid down within the UK Aeronautical Information Publication (UK AIP), ENR 1.1 and be fully conversant with UK Flight Information Services in accordance with UK CAP 493 (MATS Pt 1).
12. The CAA VFR 1:500,000 and 1:250,000 charts and the UK AIP ENR 5 depict some, but not all aviation activity sites and amendments should also be checked. Please refer to <http://www.nats-uk.ead-it.com>
13. This ACN details specific coordination essential to the activity taking place and does not remove the need for aircraft operators to comply with national flight planning and notification procedures. Pilots and ANSPs are required to ensure that all related aviation sites are aware of this planned activity and of subsequent changes not captured within this document.
14. The Sponsor or Event Organiser should co-ordinate any changes to this ACN with SARG quoting the ACN Reference at the top of the page.

Airspace Regulation (Utilisation) – AS3
Email: AROps@caa.co.uk
Tel: 01293 983880

SECTION 2: CO-ORDINATION ARRANGEMENTS (SPECIFIC)

15. This ACN details the flight profiles required to conduct a routine calibration of the Lambourne (LAM) VOR/DME.

16. **Notification.** The sponsor is to notify the agencies listed on page one of this ACN at least one week prior to undertaking the task. In addition, the pilot is to contact the appropriate agencies at least 4 hours prior to departure to confirm final details and availability of an ATS.

17. **Priority.** This flight has been afforded Non-Deviating Status (NDS) whilst established on a measured run only and within Controlled Airspace (CAS), (*UK AIP ENR 1.1 (4.2) & CAP 493 – Section 1, Ch4, Para 17 refers.*). In order to reduce the impact to other airspace users, the controlling authority may request that the pilot hold, or accept radar vectors in order to make best use of the airspace, or to reduce overall delays.

18. **Air Traffic Service (ATS) Provision – CAS.** Access to controlled airspace is subject to the prevailing traffic situation and controller workload. The pilot is responsible for obtaining a clearance to enter controlled airspace prior to penetration.

19. **ATS Provision – Outside CAS.** Due to the location and times of operation, there will be no LARS service available. A service Outside CAS may be available from Swanwick LTC, subject to availability.

20. **Serials.** The aircraft is required to conduct the following serials:

<u>Serial No</u>	<u>Description</u>	<u>Altitude/FL</u>	<u>Notes</u>
A1	20NM Anti-clockwise Orbit	3,000ft	2 x 360° Orbits London QNH
A2	R025 to 20D (Stansted LAM 2S SID)	3,000ft to 5,000ft	London QNH
A3	R093 to 72D (RNAV Route L179 LAM-GILTI)	FL100	
A4	R228 to 31D (RNAV Route Q3 LAM-OCK)	FL100	
A5	R314 to 40D (RNAV Route N57 LAM-SAPCO)	FL080-FL100	

21. **Direction of Travel.** The calibration aircraft is able to fly serials A2 to A5 in either direction, subject to ATC requirements.

22. **Orbit.** The start point for the orbit is subject to ATC requirements and should be confirmed in the pre-note call. Due to the time of the calibration, it is highly likely that Southend will be Tower / Procedural only. As such, the sponsor is to include Southend in the initial call, however LTC are requested to tactically coordinate the flight through Southend's airspace as required.

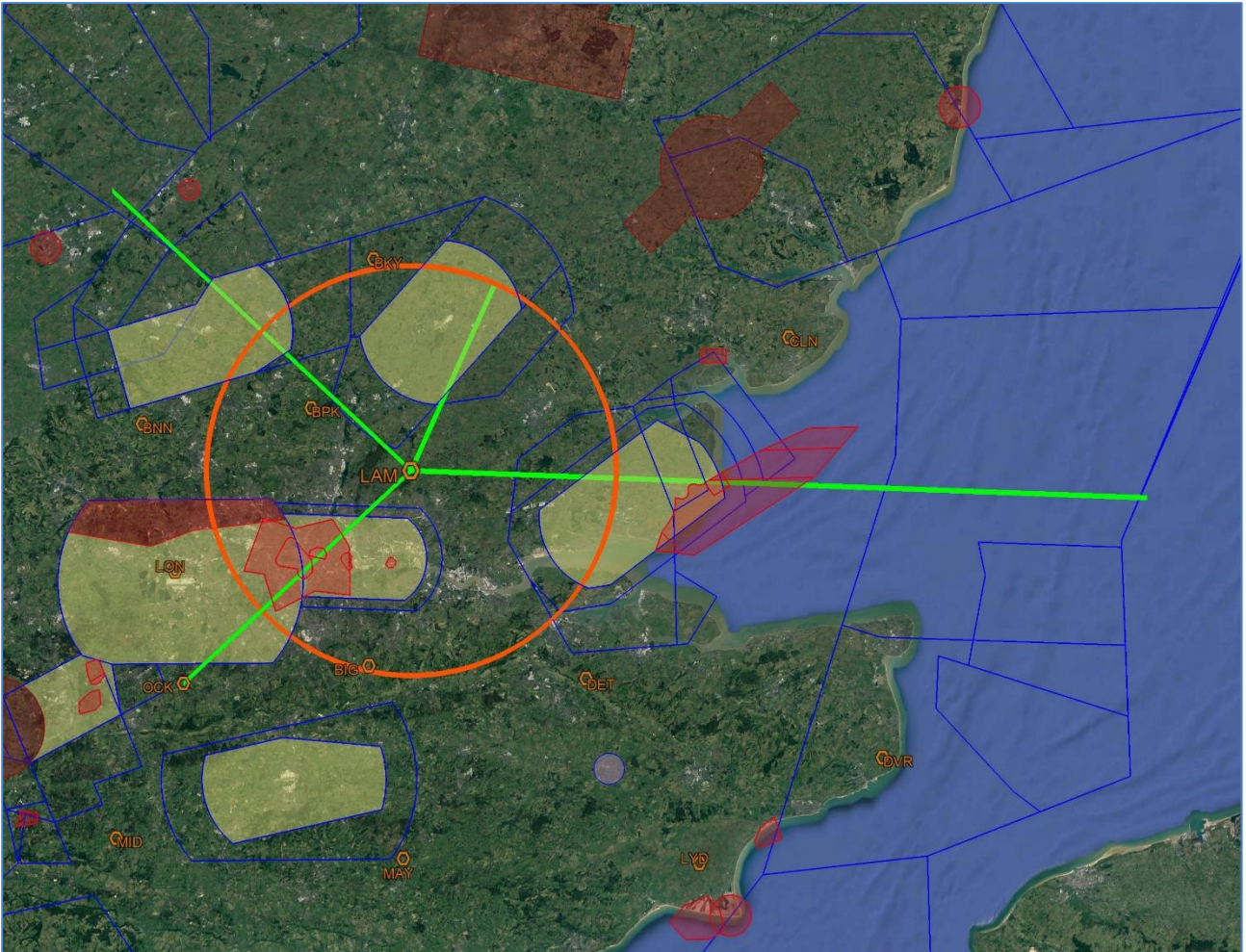
23. **Danger Areas (DAs).** Access to any DA is subject to military requirements and access is not guaranteed. The sponsor is to engage with the DA Authority at the earliest opportunity to coordinate access, noting that access may only be possible outside notified operating hours.

SECTION 3

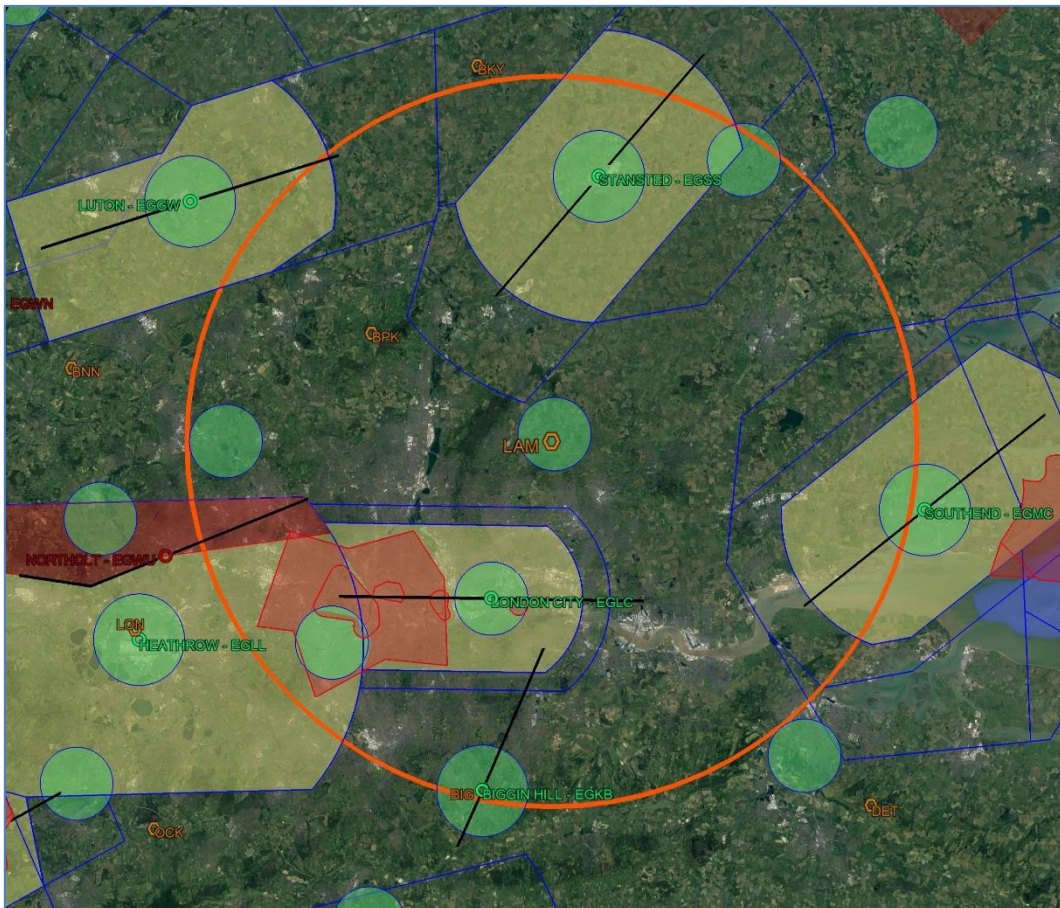
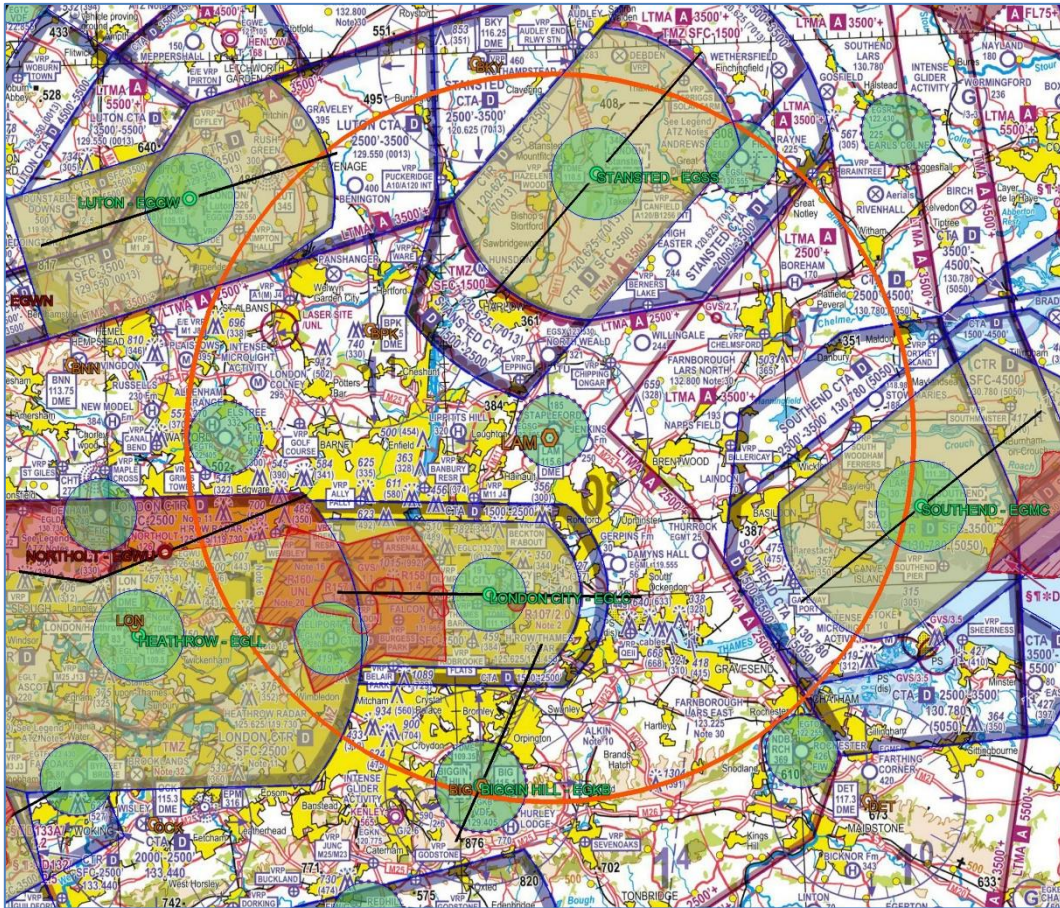
Area of Operation

24. Charts highlighting the various areas of operation are shown below. This is for illustrative purposes only and not for operational planning.

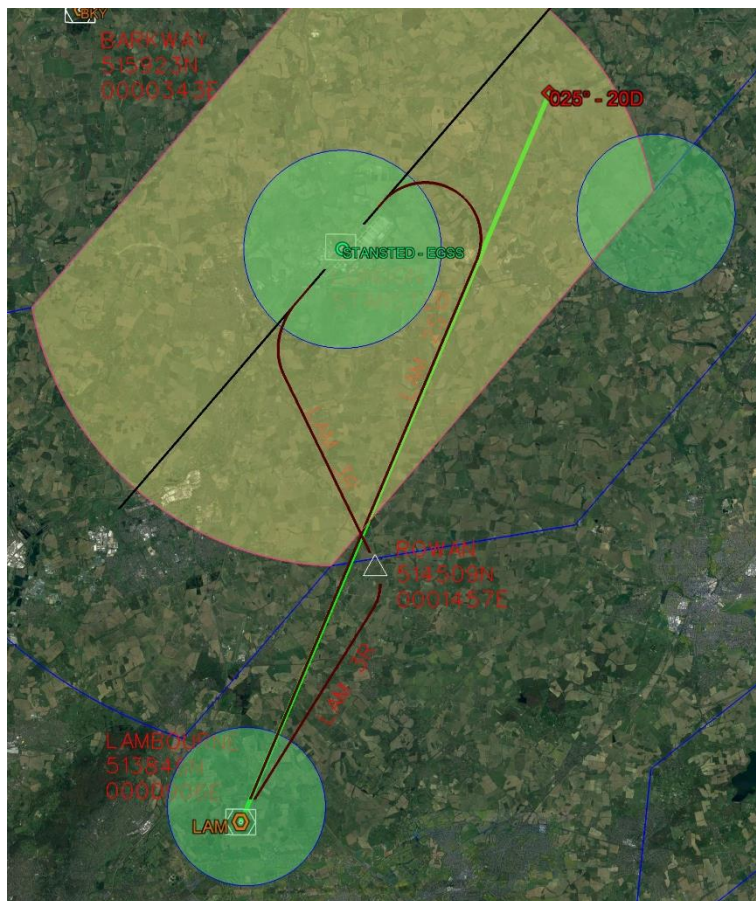
Chart 1 – Overview



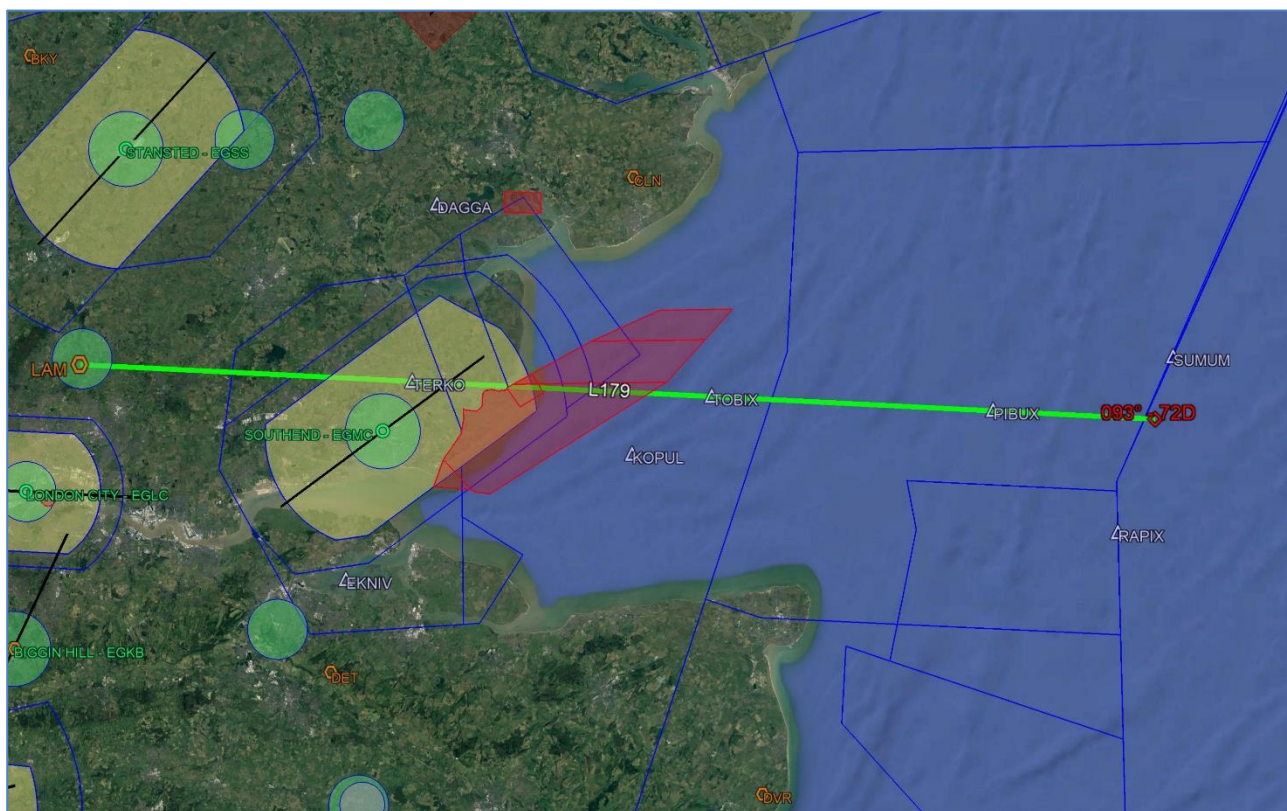
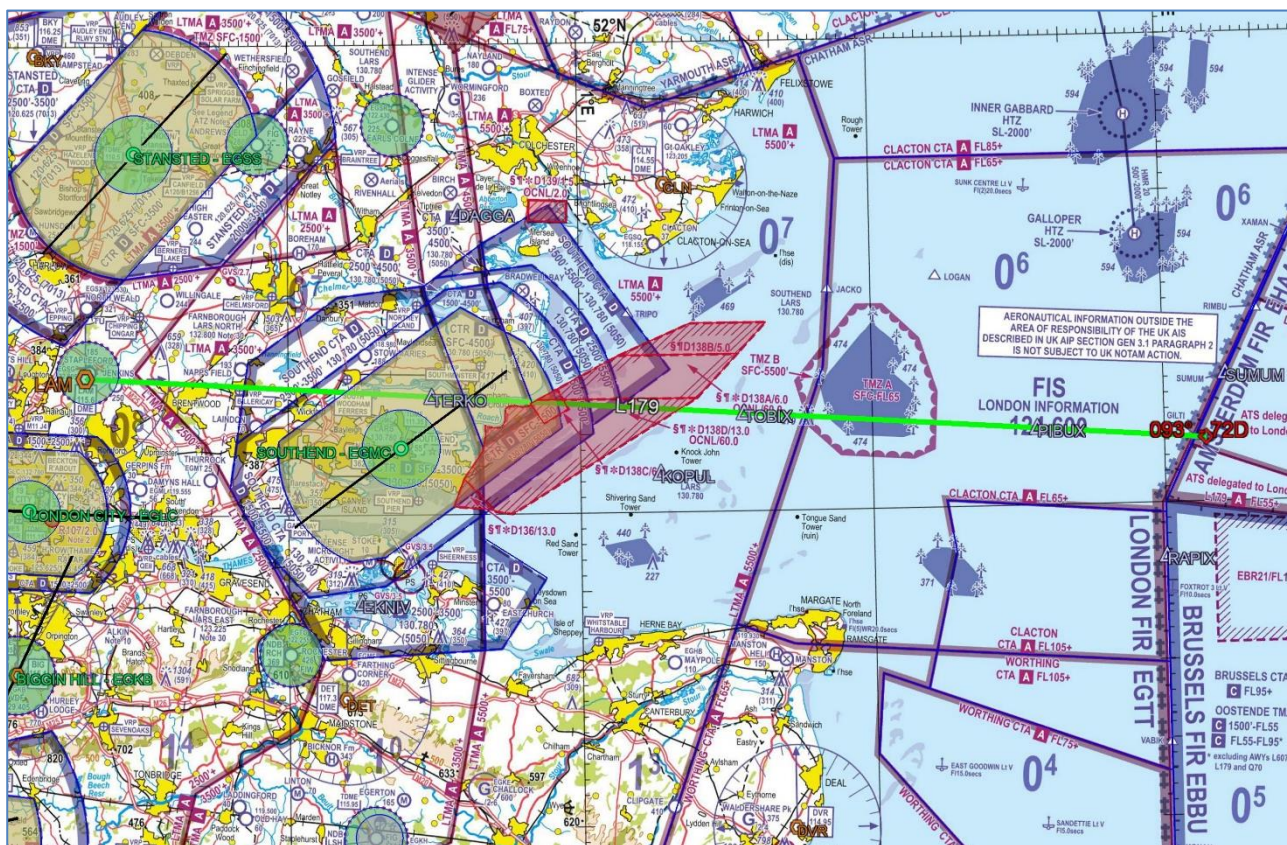
Charts 2 & 3 – A1 - Orbit
3,000ft AMSL – London QNH



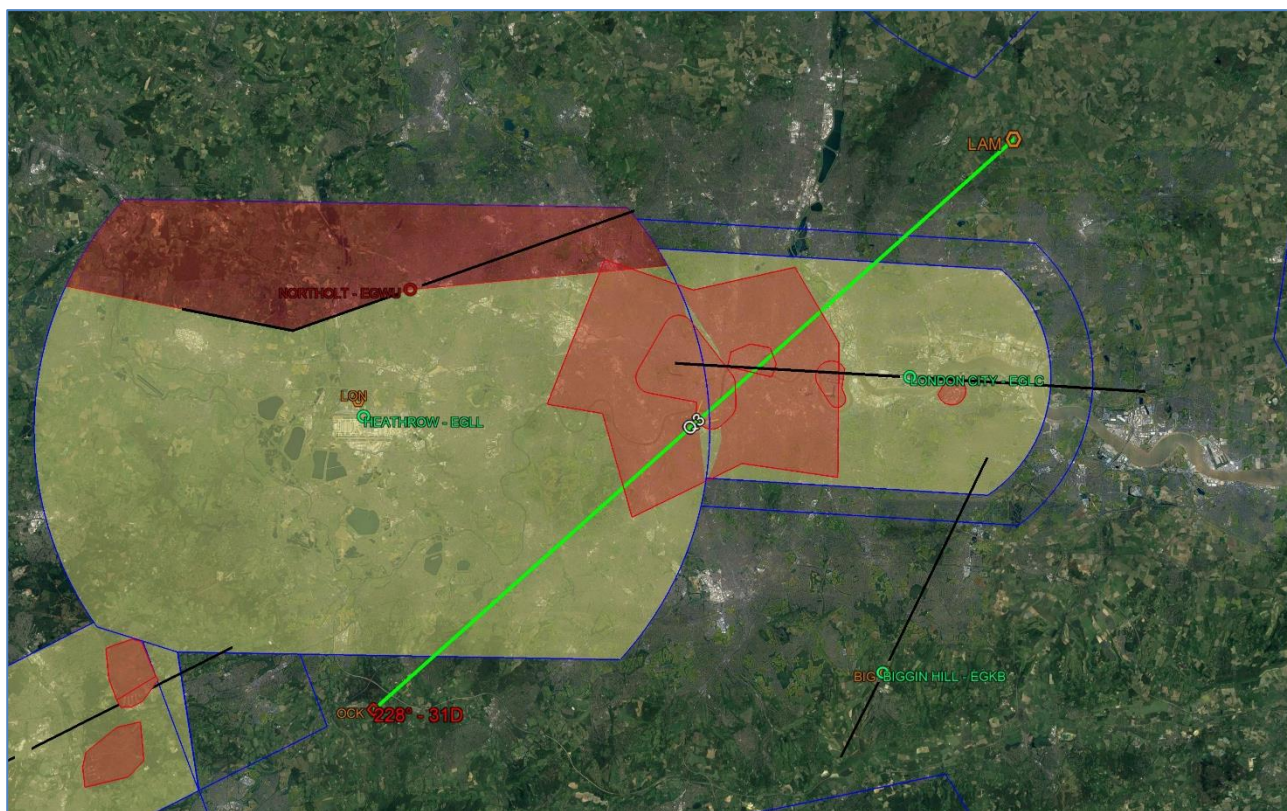
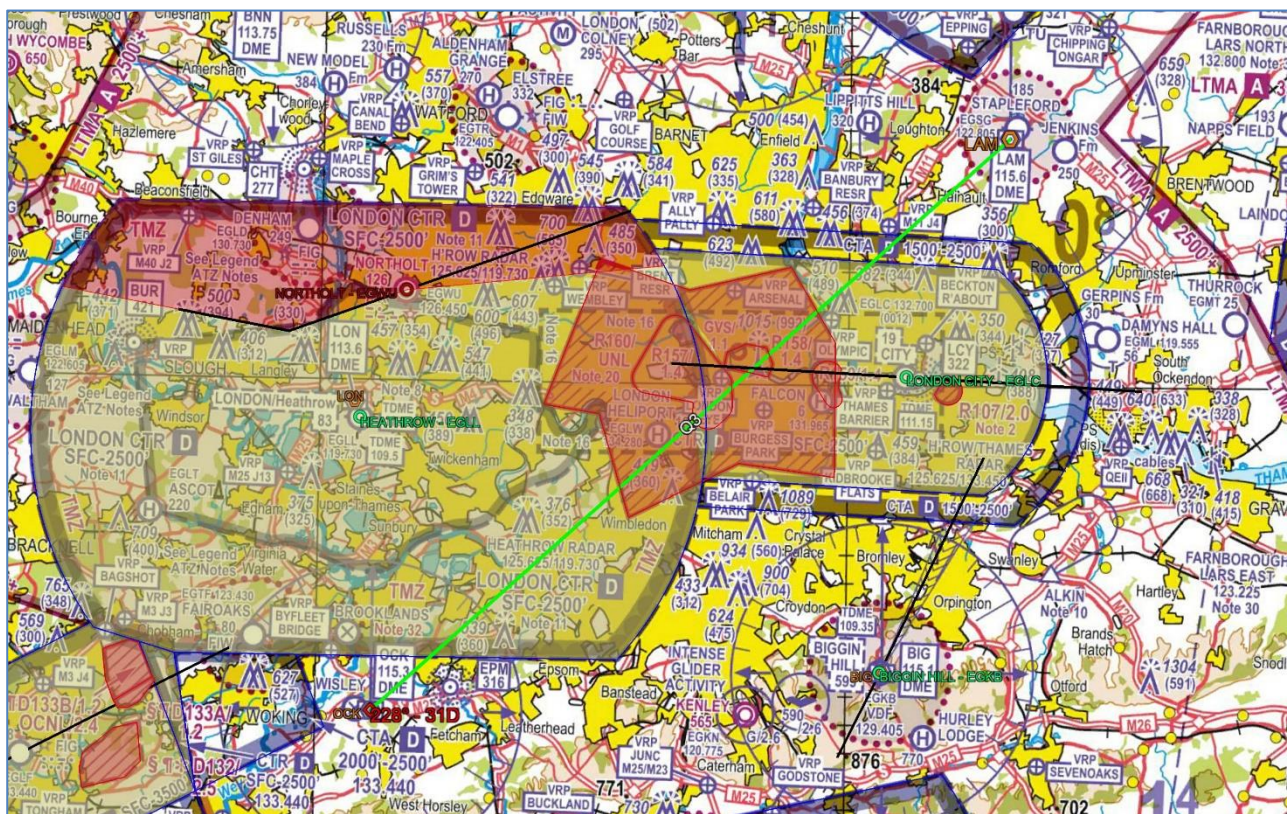
Charts 4 & 5 – A2 - R025 to 20D
Stansted LAM 2S SID
 3,000ft – 5,000ft AMSL – London QNH



Charts 6 & 7 – A3 - R093 to 72D
 RNAV Route L179 LAM-GILT
 FL100



Charts 8 & 9 – A4 - R228 to 31D
RNAV Route Q3 LAM-OCK
FL100



Charts 10 & 11 – A5 - R314 to 40D
RNAV Route N57 LAM-SAPCO
FL080 - FL100

