

AIRSPACE CO-ORDINATION NOTICE

Safety and Airspace Regulation Group



ACN Reference:	Version:	Date:	Date of Original
2021-11-0128	1.0	29/10/2021	19/10/2021

NAVAID CALIBRATION TURNBERRY (TRN) VOR

NDS

Subject to NOTAM: No

Date(s) of activity/Validity:	Times (ALL TIMES UTC)
24 th November 2021 – 30 th April 2022	08:00 – 17:00 (07:00 – 16:00)

Vertical Limits:	Allocated Mode 3A (SSR):
2,000ft AMSL – FL110	Tactically Issued by ATC

Aircraft Details:	NDS Approved:
Type: DA62 Callsign: VOR02 (<i>FlightCal</i>)	Yes – <i>Subject to the conditions in Section 2</i>

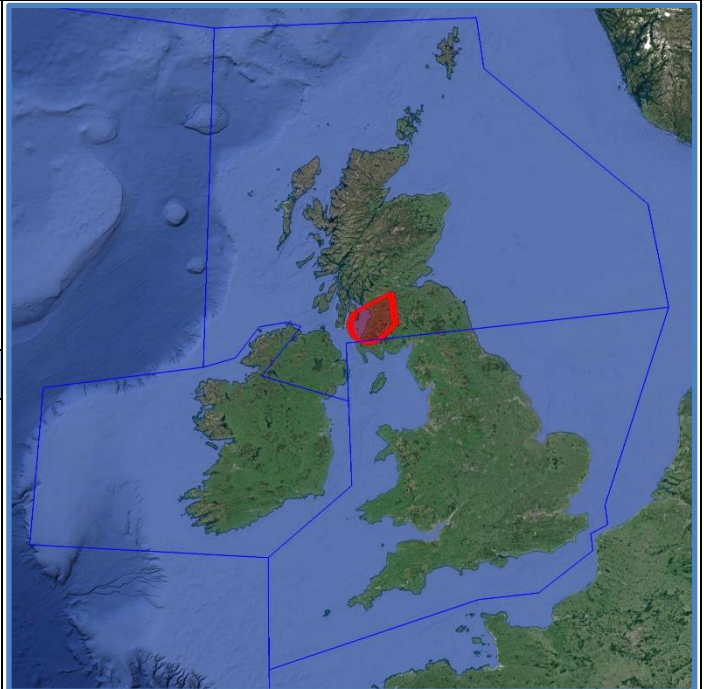
Event Sponsor(s):	Aircraft Operator(s):
NATS Engineering NATS CTC 4000 Parkway Whiteley Fareham PO15 7FL 01489 615365 Richard.Handford@nats.co.uk	Flight Calibration Services Calibration House 17-19 Cecil Pashley Way Shoreham Airport Shoreham-by-Sea West Sussex BN43 5FF 01243 538245 operations@flight-cal.com

ATS Units/ Controlling Agencies:	Geographical Limits:
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Prestwick ACC Prestwick (EGPK)	01294 655300 01292 511107
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Airspace Reservations:

EG D402A&B	Luce Bay	01776 888930
EG D509	Campbelltown	01923 956371



Departure/Destination Aerodrome(s)	ACN Issued by:
EGPK	AS3

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 Turnberry (TRN) VOR.

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.** The calibration area is within the coverage of the following unit:

- a. Prestwick 129.450 MHz

20. Availability of an ATS service from a unit is not guaranteed, is subject to controller availability, unit workload and possible reduced hours of operations (due to COVID-19 or operations reasons). Amendments to the published hours of availability, as listed in the UK AIP ENR 1.6 – Para 4.1, AD2 or UK Military AIP, shall be notified via NOTAM.

21. **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	4,500ft	2 x 360° Orbits
A2	R037 from TRN to 45D (Airway P600 TRN – PTH)	FL100	
A3	R112 from TRN to 20D (Prestwick APPLE 2P STAR)	FL070	
A4	R208 from TRN to 20D (Airway P600 TRN - BLACA)	FL070	
A5	R285 from TRN to 20D (Airway N562 TRN - MAC)	FL110	
A6	R352 from TRN to 15D (Prestwick ILS/DME/NDB (L) RWY 12 IAP - CAT A, B)	2,000ft	
A7	R090 from TRN to 30D (Prestwick ILS/DME/NDB (L) RWY 30 IAP - SUMIN Hold)	6,000ft	

22. **Direction of Travel.** The calibration aircraft is able to fly serials A2 to A7 in either direction, subject to ATC requirements.

23. **Orbit.** The start point for the orbit is subject to ATC requirements and should be confirmed in the pre-note call.

24. **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

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

Chart 1 – Overview

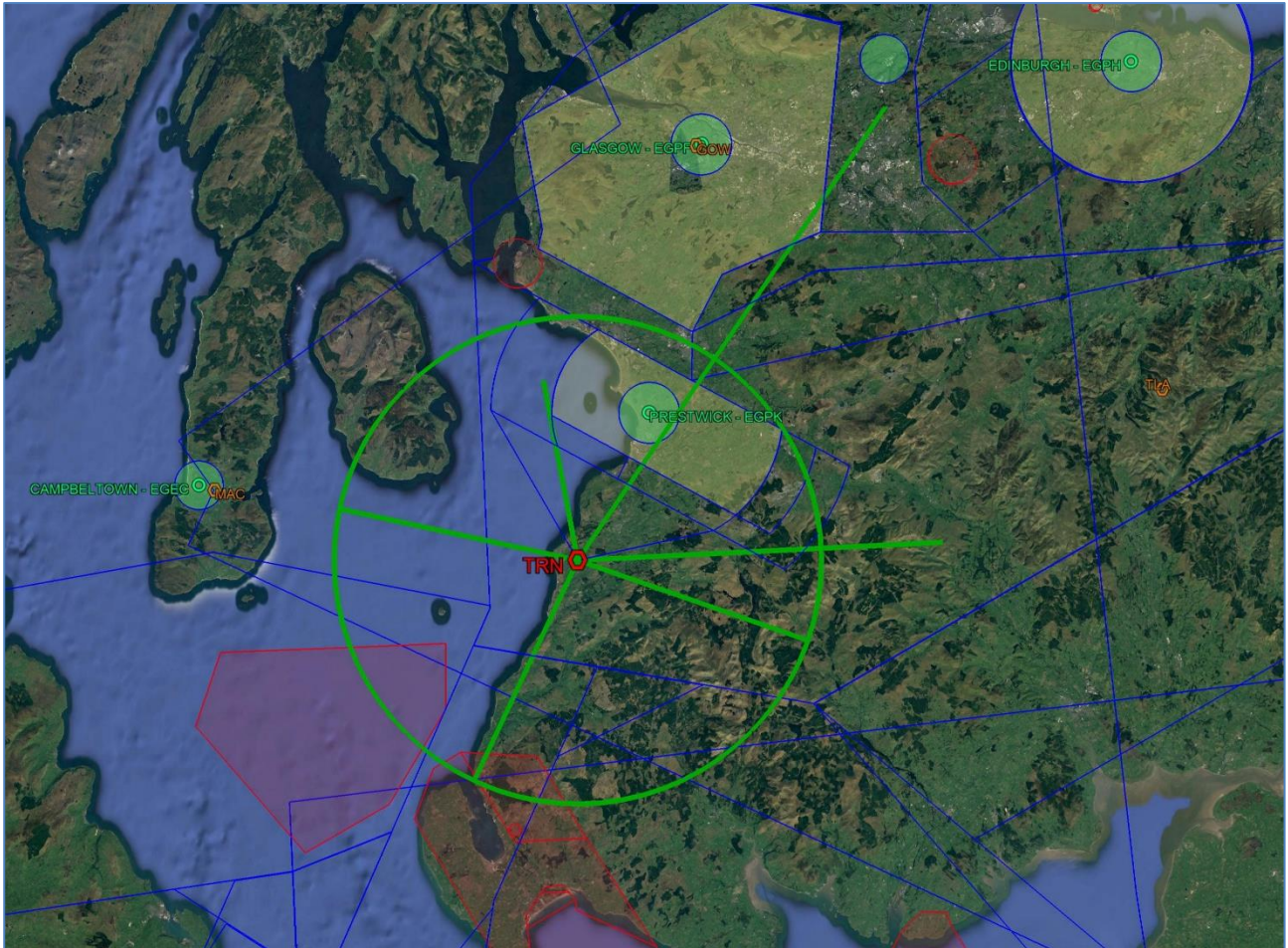


Chart 2 – Serial A1
20nm Orbit
4,500ft AMSL

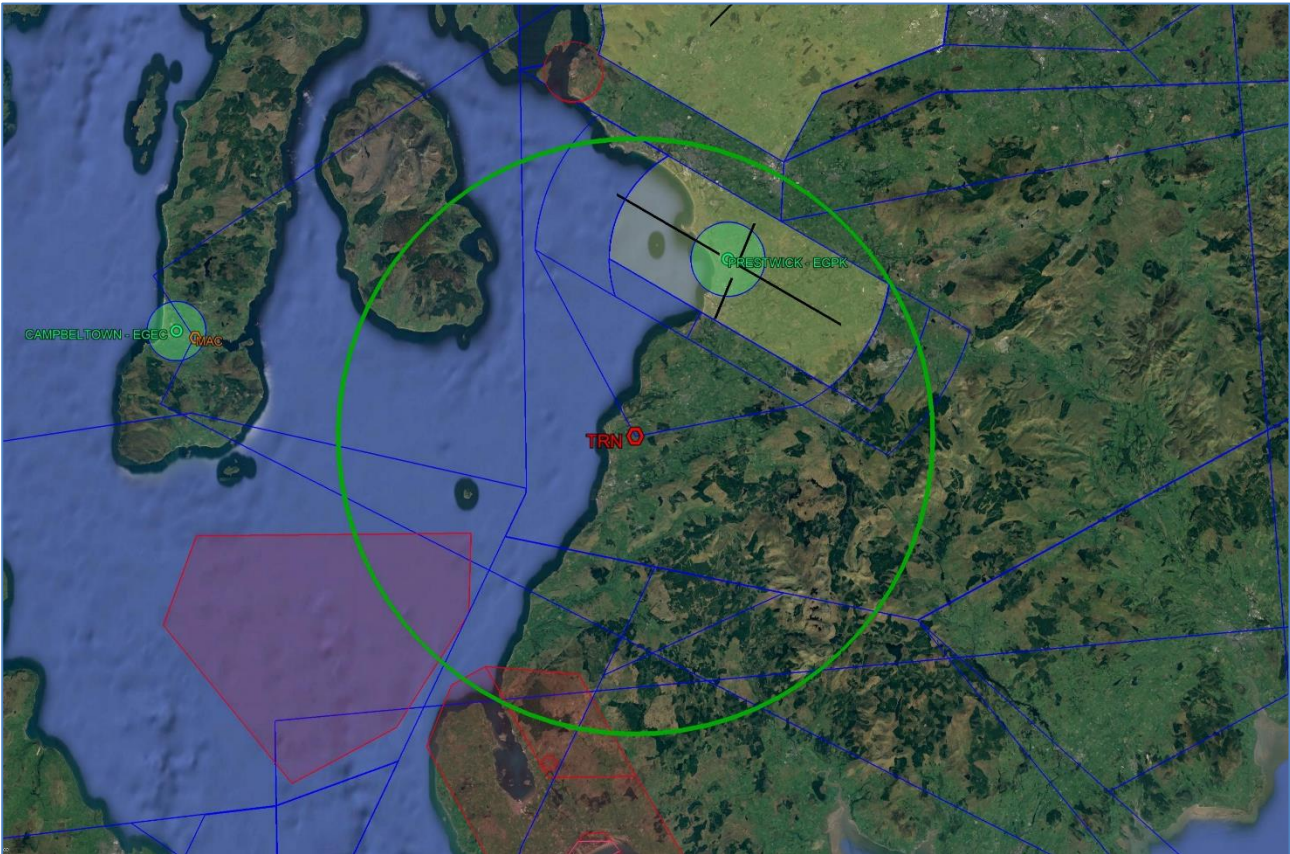


Chart 3 – Serial A2
R112 from TRN to 20D
(P600 – TRN – PTH)
FL100

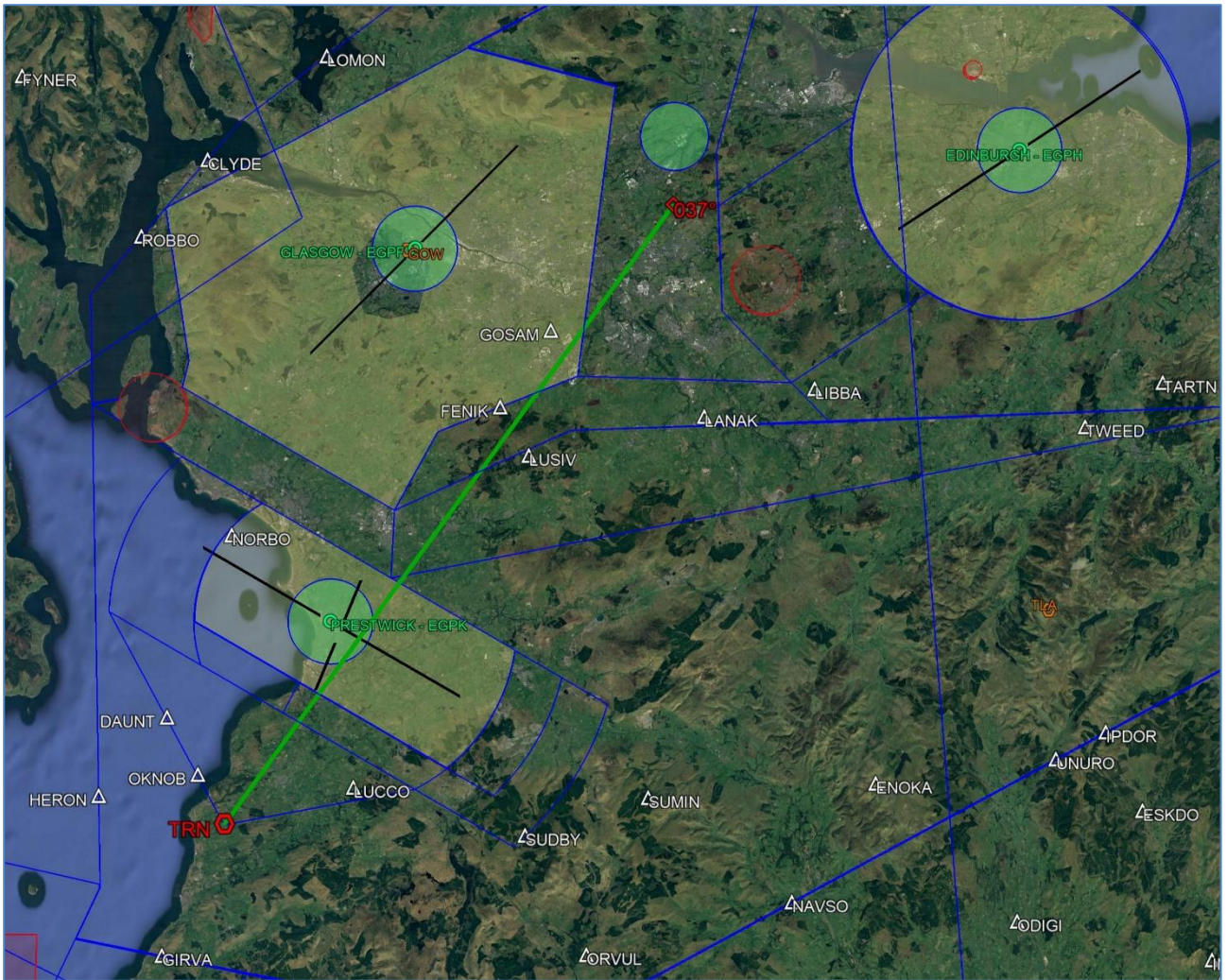


Chart 4 – Serial A3
R112 from TRN to 20D
(Prestwick APPLE 2P STAR)
FL070

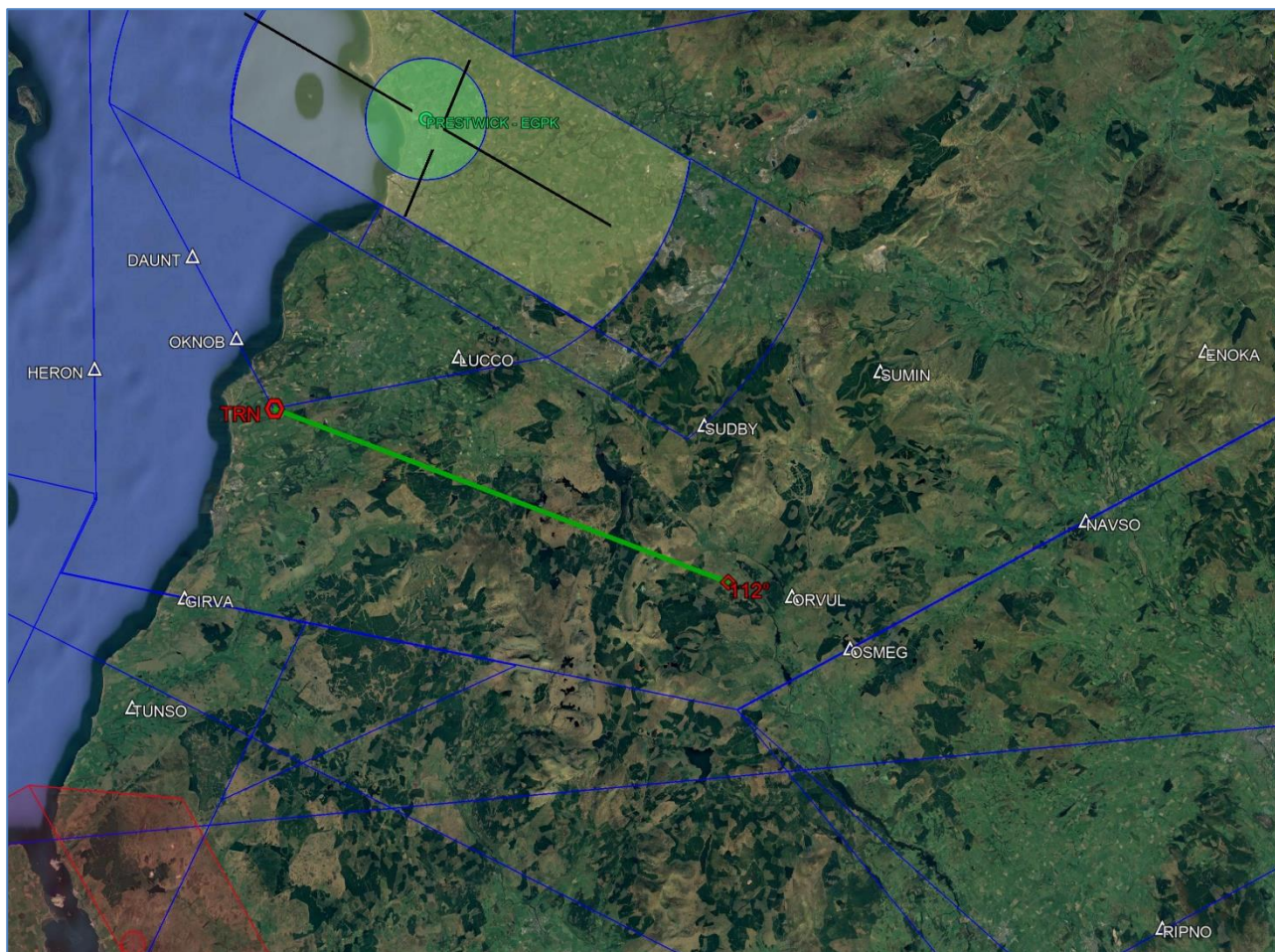


Chart 5 – Serial A4
R208 from TRN to 20D
(P600 TRN - BLACA)
FL070

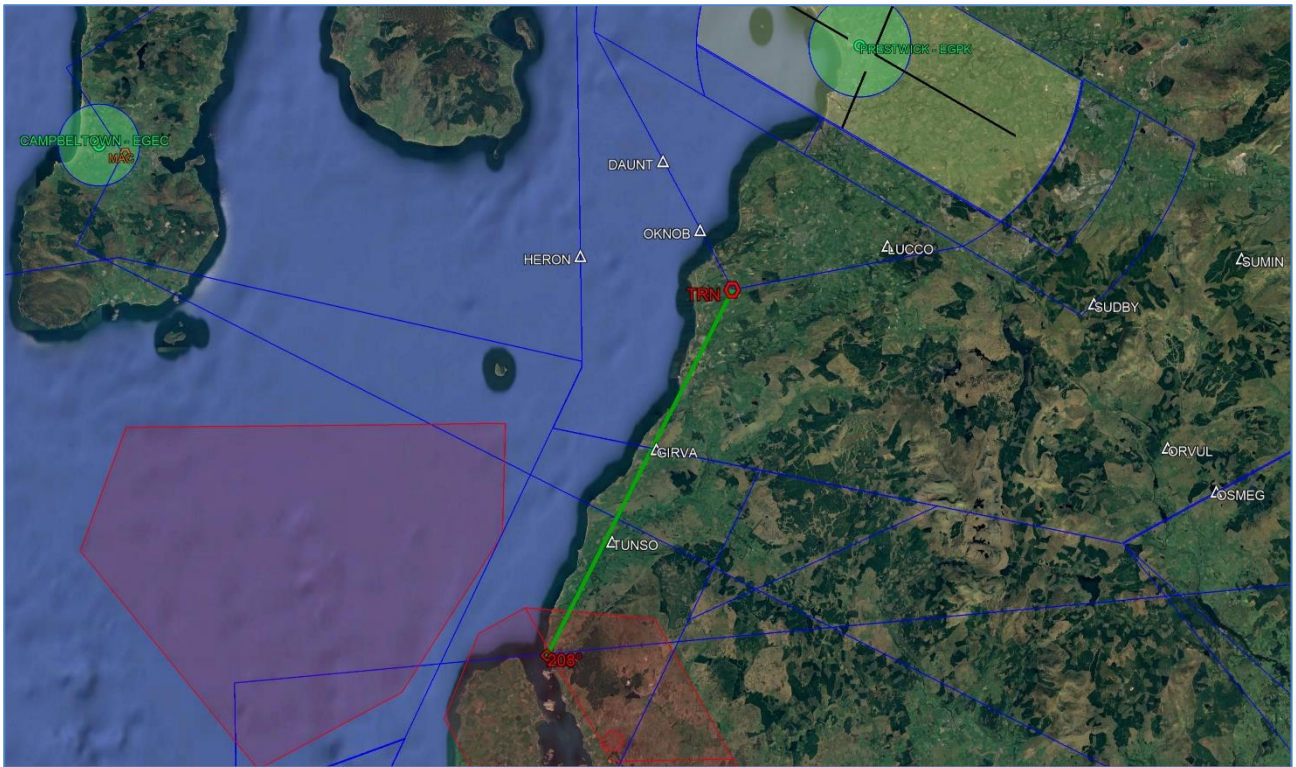


Chart 6 – Serial A5
R285 from TRN to 20D
(N562 TRN – MAC)
FL110

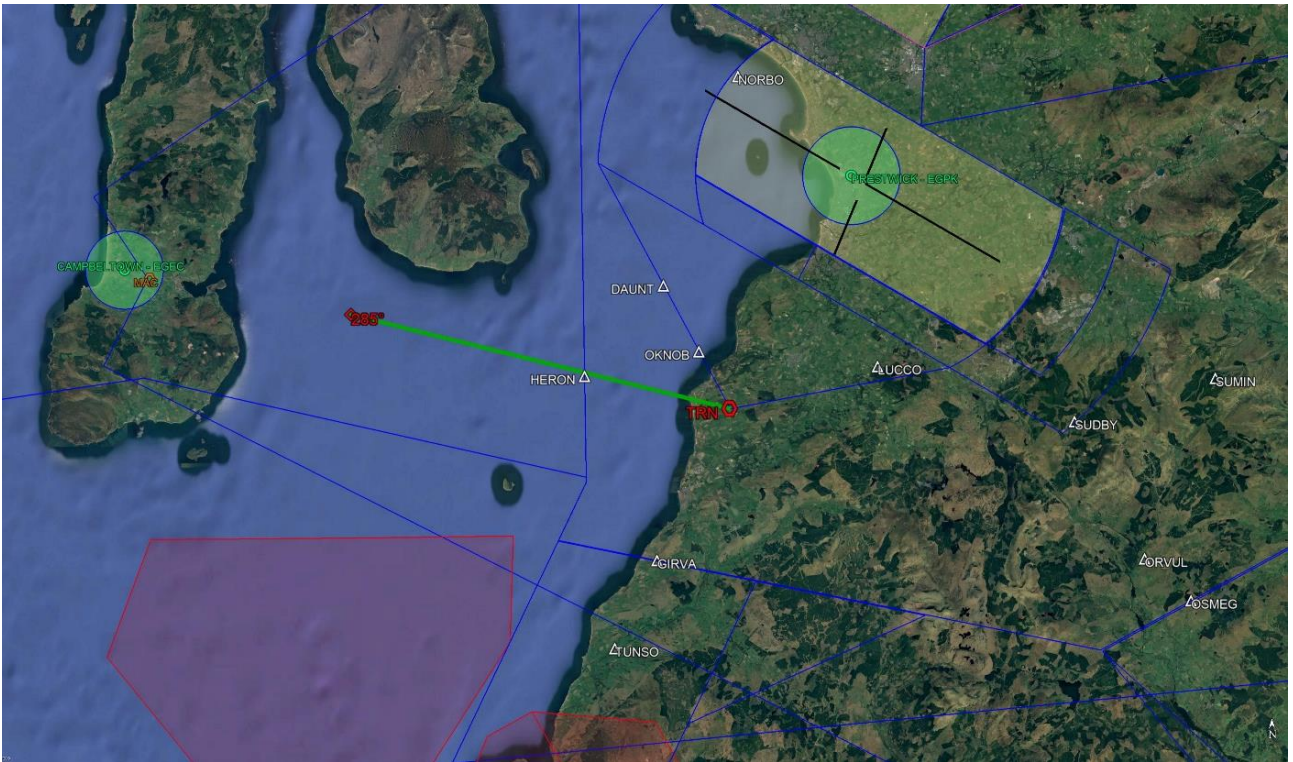


Chart 7 – Serial A6
R352 from TRN to 15D
(Prestwick ILS/DME/NDB (L) RWY 12 IAP - CAT A, B)
2,000ft

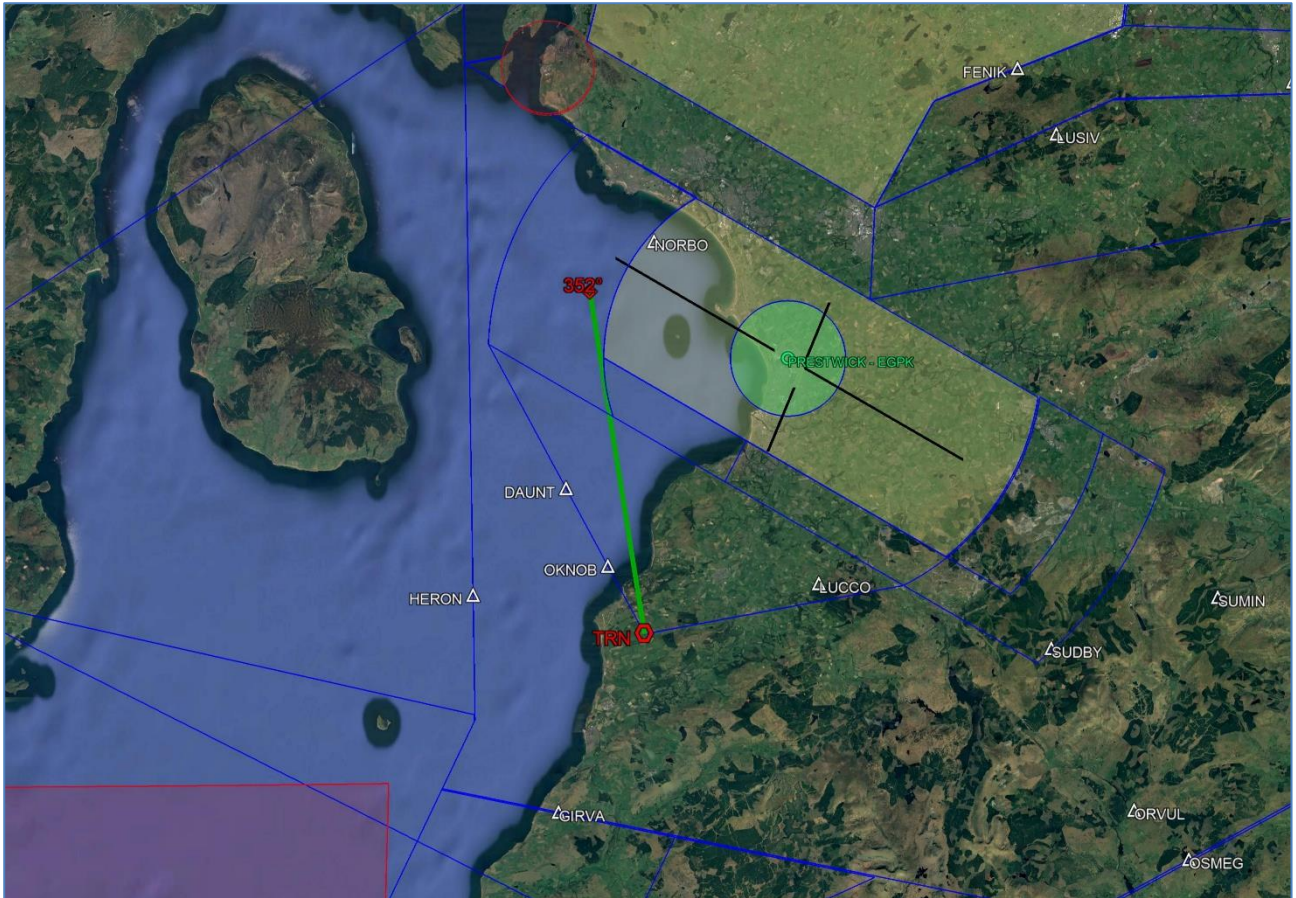


Chart 8 – Serial A7
R090 from TRN to 30D
(Prestwick ILS/DME/NDB (L) RWY 30 IAP - SUMIN Hold)
6,000ft

