



**United Kingdom and Ireland
Special Operations Department**

Operation Voyager

June 2025





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Overview



The United Kingdom was one of the early pioneers of Air to Air refuelling with British based Cobham formally Flight Refuelling Limited continuing to be a world leader in the field. Currently, the United Kingdom uses a fleet of Airbus A330 Multi Role Tanker Transports (MRTT) and in the past has used such iconic aircraft as the Vickers VC10 and Lockheed Tristar in the role. To celebrate this heritage, the United Kingdom and Ireland Multi Country Division welcomes you to Operation Voyager

Date and Time

Date: 1st June 2025

Time: 12:00z-16:00z

Definitions

The following are definitions of some acronyms used throughout this document:

TERM	EXPLANATION
GAT	General Air Traffic (e.g. Filed IFR or VFR under S, N or G)
OAT	Operational Air Traffic (e.g. Filed IFR or VFR under M)
TACAN	Tactical Air Navigation System
RAF	Royal Air Force
XU	IVAO United Kingdom and Ireland Division

Guidelines

- Pilots **MUST** register before the Event if they wish to join the event.
- There will be multiple missions to fly from RAF Coningsby
- The recommended Aircraft types for this event are Tanker Aircraft and any other aircraft that can be refuelled by those tankers.



Mission

- The goal of the mission to practise Air to Air refuelling between receiving and Tanker aircraft. This will be carried out in AARA 8 and AARA 6 both within the London FIR.
- All Tanker Aircraft will operate out of RAF Brize Norton although members of European Special Operations Groups may operate out of their home bases within Europe if they wish.
- All receiving aircraft such as Fighters, Maritime Aircraft, AWACs or any other aircraft will operate out of RAF Coningsby.
- For the purposes of the event, we will be using the below HQ SOD documentation throughout. Please make sure you are fully aware of its contents to avoid confusion in the air:-

<https://wiki.iva.o.aero/en/home/specialoperations/Documentation/AAR>

Controllers

- Controllers must have an in-depth understanding of the operations and phraseology of Special Operations in the United Kingdom and Ireland Division.
- Controllers should be understanding and accommodating of pilots who are unfamiliar with Special Operations phraseology and procedures and should assist where possible.
- Controllers must use clear English when there is an apparent misunderstanding in instructions.



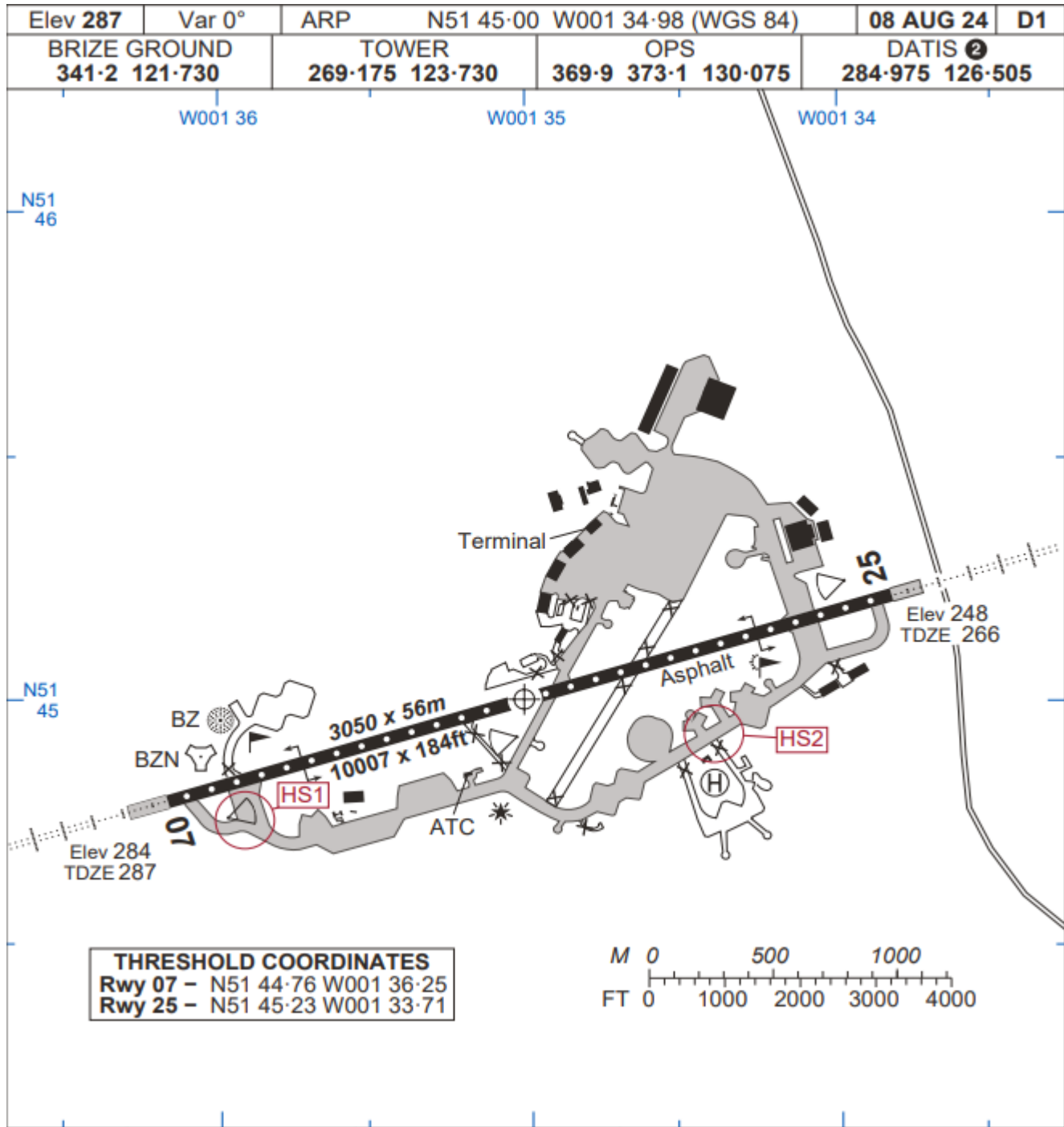
Charts

The following resources are available:

RESOURCE	LINK
Military AIP (United Kingdom)	https://www.aidu.mod.uk/aip/
Civil AIP (United Kingdom)	https://nats-uk.ead-it.com/cms-nats/opencms/en/Publications/AIP/
Information for RAF Coningsby	https://www.aidu.mod.uk/aip/pdf/ad/EGXC-Coningsby-Combined.pdf
Information for RAF Brize Norton	https://www.aidu.mod.uk/aip/pdf/ad/EGVN-Brize-Norton-Combined.pdf
Letter of Agreement (IVAO XU)	https://sod.ivao.aero/up/order/b1e0633bc4145febc89844619e9d15b8.PDF

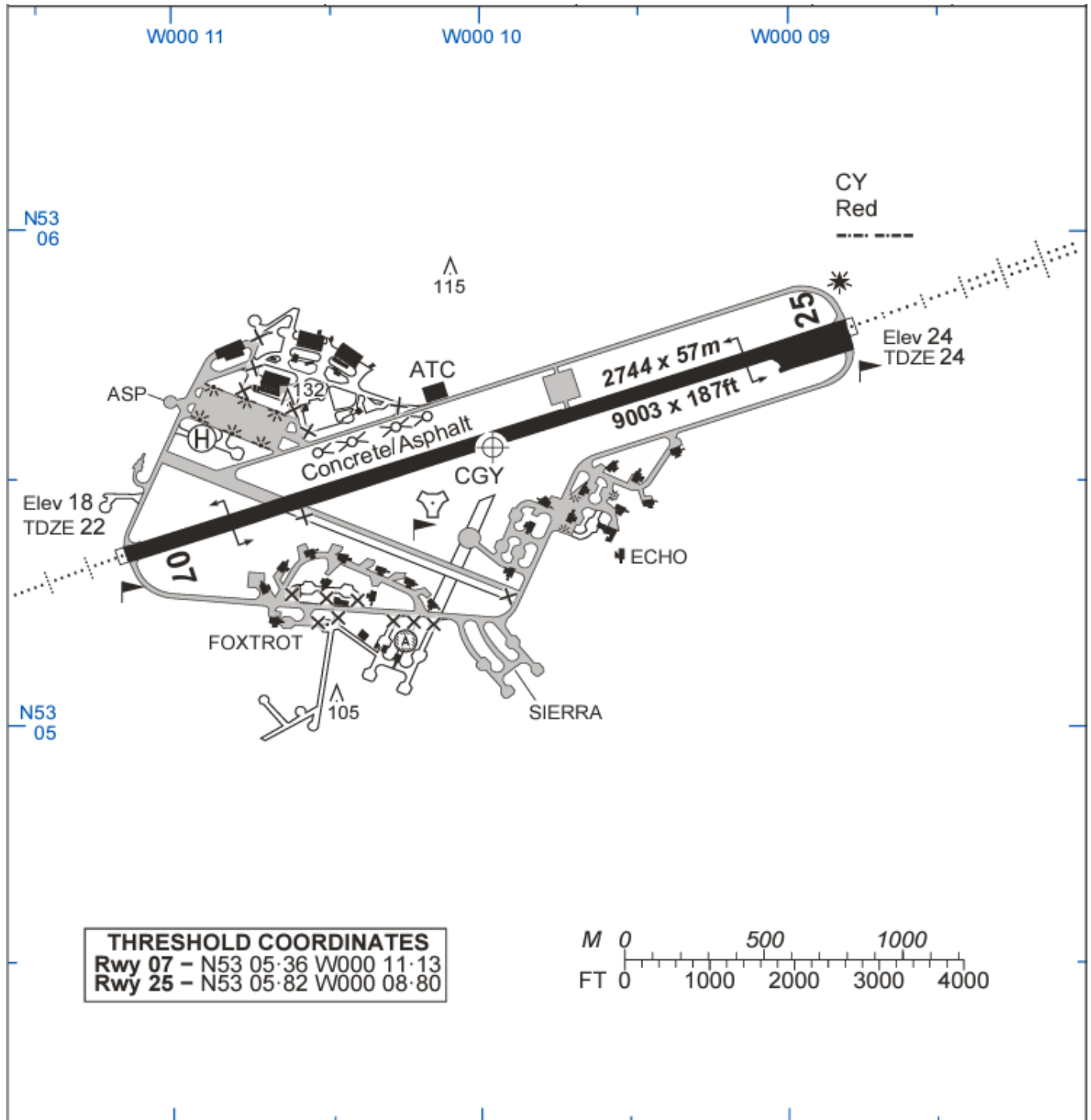


RAF Brize Norton Ground Layout:





RAF Coningsby Ground Layout:





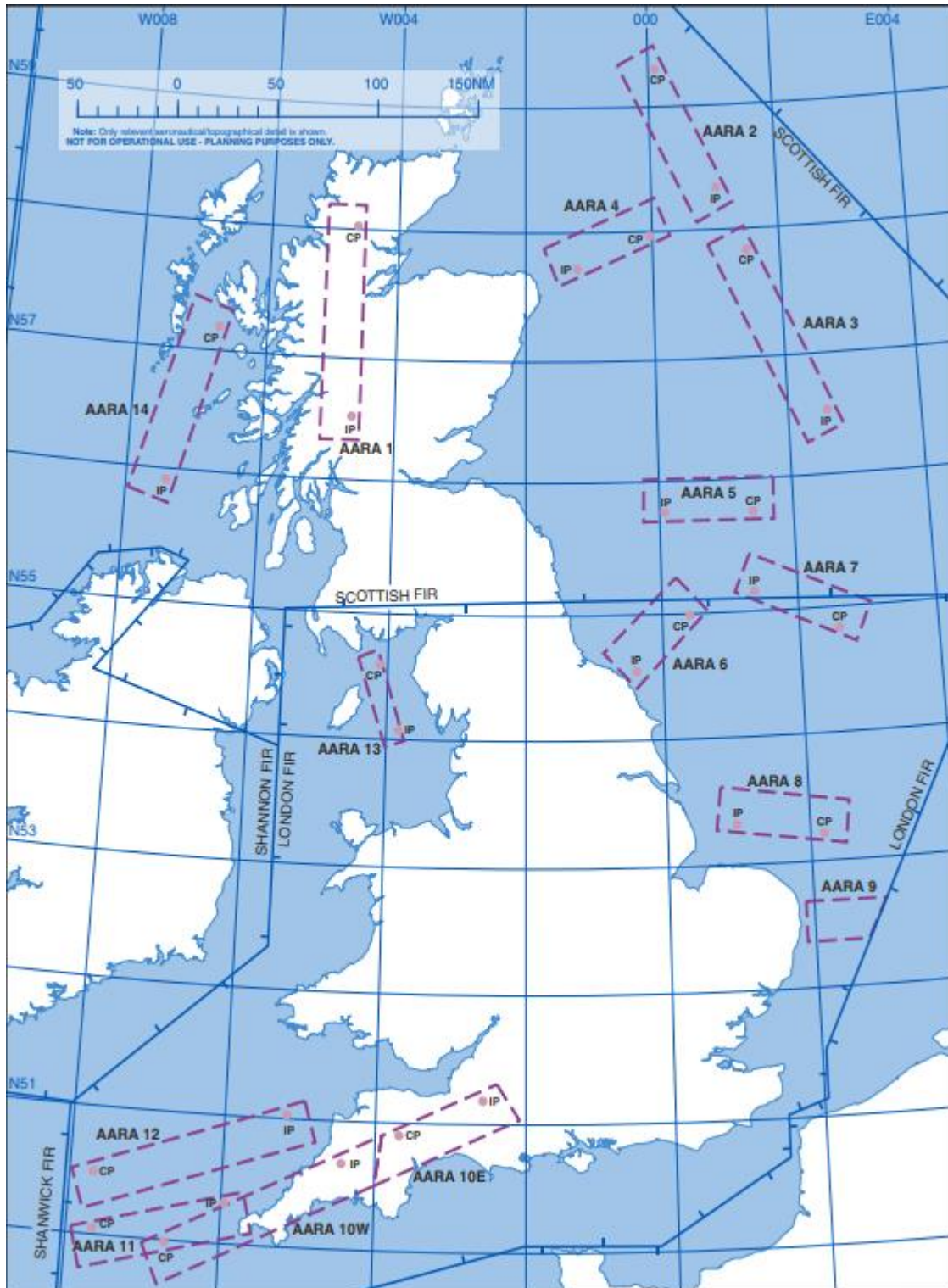
TACAN Routing. The following chart shows the routing available from the edge of Airspace in the United Kingdom.



TACAN Documentation - <https://www.aidu.mod.uk/aip/pdf/enr/ENR-4-1.pdf>



AARA (Air to Air Refuelling Area) Chart.





Navigational Aids

The following local navigational aids are available:

NAME	ID	TYPE	FREQ	DISTANCE	BEARING (From EGXC)
CONINGSBY	CBY	TACAN	111.1	0.0NM	360 °
MARHAM	MAM	TACAN	108.7		
WITTERING	WIT	TACAN	117.6	11.1NM	139 °
CRANWELL	CWL	NDB	423.0	21.1NM	18 °

Flight Planning

Pilots operating IFR at high altitude are advised to use the TACAN routing completing their route at the BZN (Brize Norton) TACAN at above FL050.

Pilots operating VFR are to use FFA TACAN as their last waypoint for navigation.

Airfield Info

The following runways will be in use at Coningsby:

RUNWAY	LENGTH	ILS	CIRCUIT	HEIGHT
07	2744m	None	LEFT Hand	1000ft QFE
25	2744m	111.150	Right Hand	

The following runways will be in use at Brize Norton:

RUNWAY	LENGTH	ILS	CIRCUIT	HEIGHT
07	3050m	108.55	Left Hand	1000ft QFE Run-in and Break 1000ft QFE
			Right Hand	



Frequency's

The following frequencies will be in use:

POSITION	CALLSIGN	FREQUENCY
EGVV_CTR	Swanwick Military (South)	127.450
EGXC_APP	Coningsby Approach	122.410
EGXC_TWR	Coningsby Tower	122.100
EGVN_APP	Brize Approach	127.250
EGVN_TWR	Brize Tower	123.735

Scenery

While scenery will not be enforced for this Event, the available scenery is outdated but still usable:

RAF Coningsby

PLATFORM	LINK
FSX, FSX:SE, P3Dv1-3	https://flyawaysimulation.com/downloads/files/8669/fsx-raf-coningsby-scenery/
P3Dv4-5	https://militaryaiworks.com/download-hangar/file-library/download/10-scenery/2026-scenery-egxc-raf-coningsby-for-p3d-united-kingdom.html
X Plane 11	https://forums.x-plane.org/index.php?/files/file/16692-raf-coningsby-dkm/
MSFS 2020	https://flightsim.to/file/10045/egxc-raf-coningsby



RAF Brize Norton

PLATFORM	LINK
FSX, FSX:SE, P3Dv1-3	https://flyawaysimulation.com/downloads/files/8669/fsx-raf-coningsby-scenery/
P3Dv4-5	https://militaryaiworks.com/download-hangar/file-library/download/10-scenery/2026-scenery-egxc-raf-coningsby-for-p3d-united-kingdom.html
X Plane 11	https://forums.x-plane.org/index.php?/files/file/16692-raf-coningsby-dkm/
MSFS 2020	https://flightsim.to/file/10045/egxc-raf-coningsby

Email/Forum/Discord

Leading up to this Event, you can contact the Special Operations Department of IVAO United Kingdom and Ireland using the following means:

PURPOSE	MEANS	NOTES
Email	xu-soc@ivao.aero	
Forum	http://xu.forum.ivao.aero	
Discord	https://xu.ivao.aero/discord	IVA O XU Members only.
	https://family.ivao.aero/	IVA O Family Discord, Look for '331048'