



**Snowdonia Aerospace Airspace Change Proposal
Consultation Review (Stage 3D), ACP-2019-58
Llanbedr Aerodrome Danger Area(DA)**

Annex 3 – Stakeholder Open Days

Document Details

Approval Level	Name	Authorisation
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Second reviewer and release authorisation		Chief Executive

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1. Stakeholder Open Day Attendance List, 10/12/20 to 12/12/20

Following on from the press / media promotion to launch the consultation, SAC held a series of follow-up stakeholder events at Snowdonia Aerospace Centre from 1000 to 1600 hours on Thursday 10th December and Friday 11th December and 1000 to 1400 hours on Saturday 12th December to allow people to drop-in, view a poster presentation and discuss the consultation in person. Friday 11th December was designated as a Welsh language event and we had a translator available to facilitate questions and answers.

The events were held in the Main Hangar at the Snowdonia Aerospace Centre with a one-way pedestrian system in place inside and outside to ensure adequate social distancing in line with the Covid-19 best practice for public events that were in force at the time (after the Welsh “firebreak” and second UK lockdown and before the third UK lockdown). We received 41 visitors in total across the three days, which represented a constant stream of 2 to 3 people who then stayed for an hour or so and was probably as many people that could have been accommodated given the prevailing conditions.

The following pages record the attendance list for each of the three open days and the poster display.

10/12/2020

NAME

POSTCODE

CONTACT NO.

LL44 2DU

LL44 211

LL44 2BF

LL46 2TU

LL46 2GA

LL45 2PT

LL72 8HS

LL53 8UA

LL36 9WS

LL31 9SU

LL45 2LU

11/12/2020

NAME

POSTCODE

CONTACT No.

LL44 2BL

LL45 —

LL45 2HL.

LL60 GLR.

LL45 2PA

CH7 3BY

LL53 0NX

LL48 6BZ

LL49 6TA

12/12/20

NAME

POSTCODE

CONTRACT NO.

LL45 2PX

CU7 3BH
LL45 2HL

LL49 9ND

LL442BG

LL44 2BG

LL47 6YA

LL45 2LF

LL45 0LS

2. Stakeholder Open Day Poster Display, 10/12/20 to 12/12/20



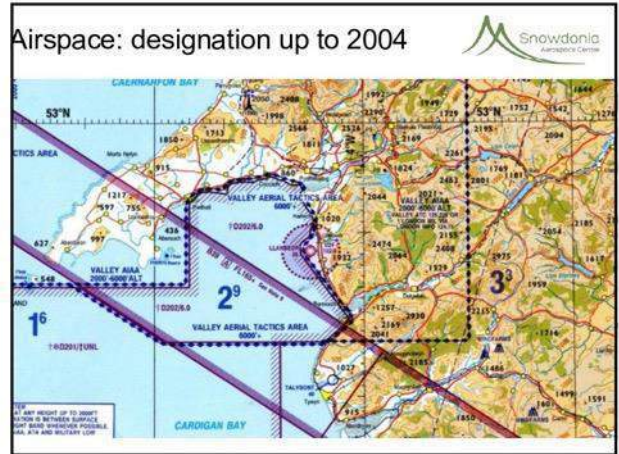
1



2



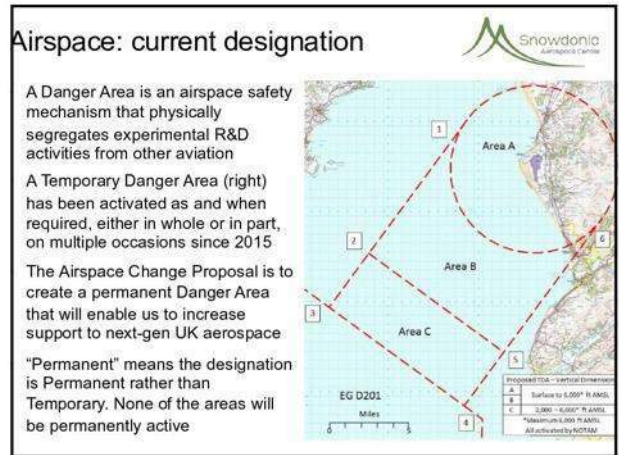
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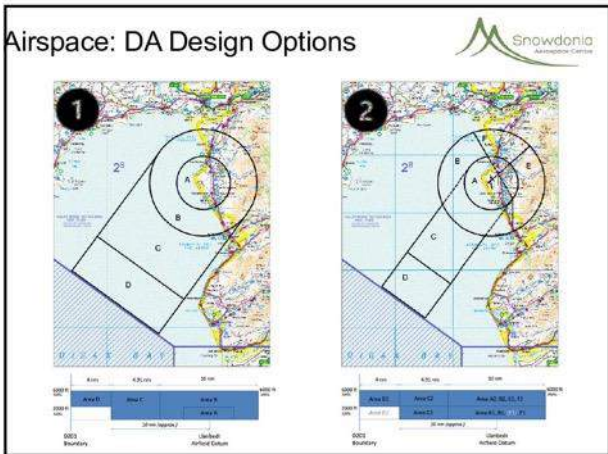
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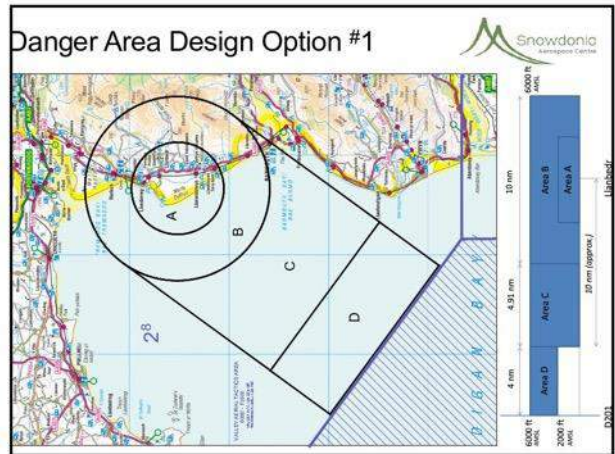
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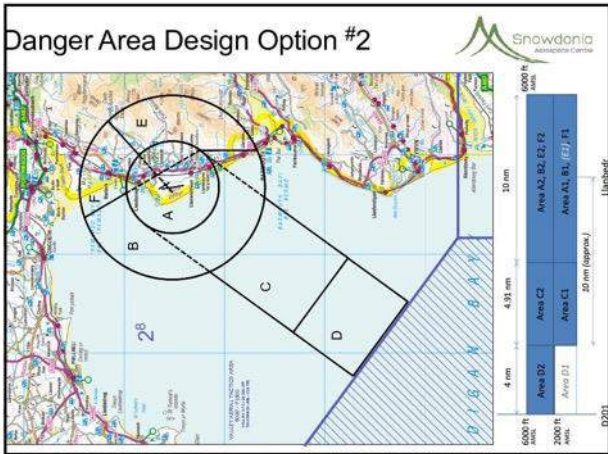
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7



8



9

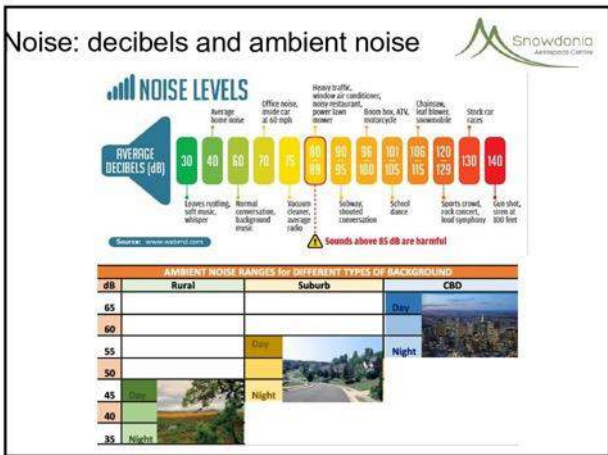
Airspace: forecast DA usage

No. days of Danger Area activation per year

	Design Option #1	Design Option #2
Area A* (over the aerodrome)	107	107
Area B** (inshore+)	47	35
Area C/D (offshore corridor to D201)	24	24
Area E (coastal lowland / Harlech)	Included in Area B**	6
Area F (toward Rhinog mountains)	Included in Area B**	6
Max. altitude <2000ft	71	71
Max. altitude <6000ft	36	36

Area A will always be activated and hence the total reflects both standalone + combined usage
 * Option #1, Area B is equivalent to Option #2, Area B+E+F

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Noise: drones versus aircraft

Aircraft type	Sound Pressure Level @ 100m AGL
Small fixed-wing drone e.g. AeroVironment Raven	50dB
Large quadcopter e.g. DJI Mavic Pro	55dB
10kg MTOW drone e.g. UAV Factory Penguin B	60dB
50kg MTOW drone e.g. AAI Shadow 200	70dB
Small manned fixed-wing aircraft e.g. Robin DR400	75dB
Medium manned helicopter	95dB

Comparison of drone noise with conventional aircraft noise (measured at ground level with the aircraft at an altitude of 100m) for classes of vehicle likely to operate at SAC

This Airspace Change is not associated with any military aircraft activity, but jets are a familiar sight and sound at Llanbedr and over North Wales and a high speed, low-level pass would typically register somewhere in the region of 100dB to 120dB - i.e. the R&D activity at Llanbedr is up to 32x quieter than the jets

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