
Southampton Airport FASI-S Airspace Change Proposal Initial Options Appraisal

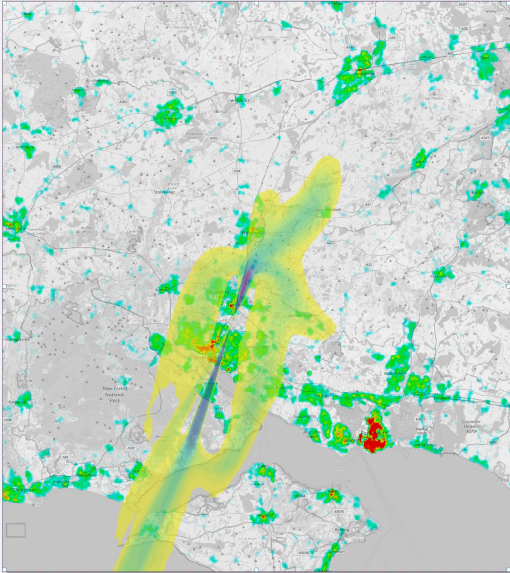
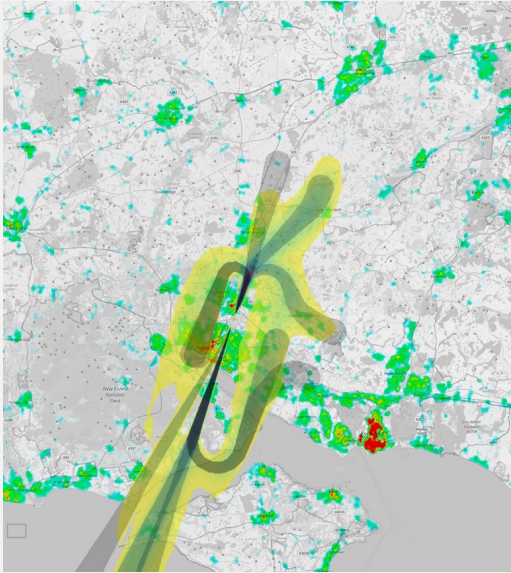
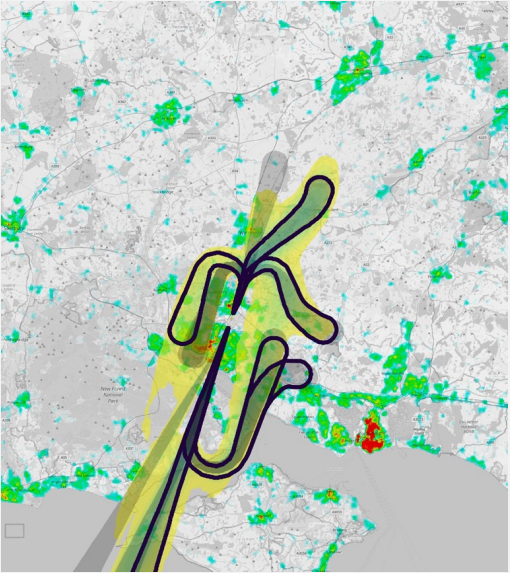
Technical Appendix B



Methodology Overview

For more information around the methodology, please see our Stage 2B Initial Options Appraisal document on the [CAA's Airspace Change Portal](#).

Data within this Technical Appendix - Overview of Methodology

Heatmap Baseline (0-7000ft)	Baseline Centerline Overflight Contours (0-7000ft)	Option Overflight (0-7000ft)
<p>Based on actual 2022 NTK 92 day data therefore shows a typical vectoring swathe.</p> <p>Use the CAA's definition of overflight (48.5 degree)</p> <p>Not based on the optioneering tool therefore the data reflects the climb and descent profiles of the full Southampton fleet mix</p> <p>Presented with population density data</p>	<p>Based on a single noise event i.e one departure or arrival based on the A320 profile in AEDT using the CAA's definition of overflight.</p> <p>Southampton does not have published departure or arrival routes beyond the noise abatement procedures and so the typical centrelines have been estimated based on NTK data, known waypoints and ATC input. The contours <u>do not</u> consider frequency of overflight.</p> <p>Baseline average centerline data has been generated in order to offer an initial comparison between the baseline typical centerline's and the option's overflight contours. The data tables use 2021 CACI and point X data to identify noise sensitive sites and population.</p>	<p>Provides a comparison between the overflight contour of an option (shown with black outline), the vectoring heatmap, and the average baseline centreline data (shaded grey).</p> <p>Average baseline centreline (shaded grey) and option overflight contour (black outline) based on a single overflight event based on a single noise event i.e one departure or arrival based on 'A320' profile in AEDT using the CAA's definition of overflight. The contours do not consider the frequency of overflight or the system as a whole.</p>
		

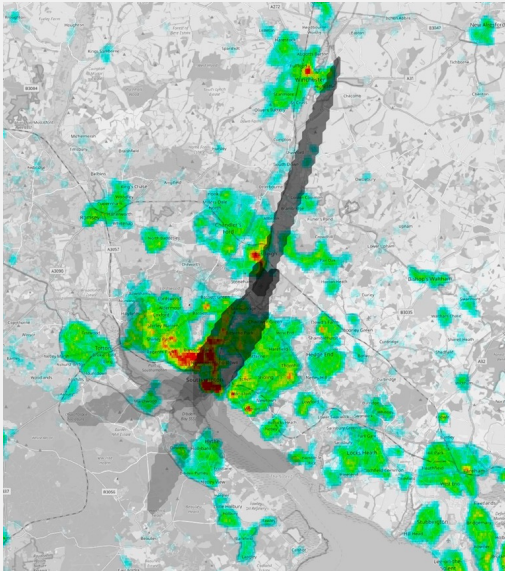
Methodology Overview

For more information around the methodology, please see our Stage 2B Initial Options Appraisal document on the [CAA's Airspace Change Portal](#).

Data within this Technical Appendix - Overview of Methodology

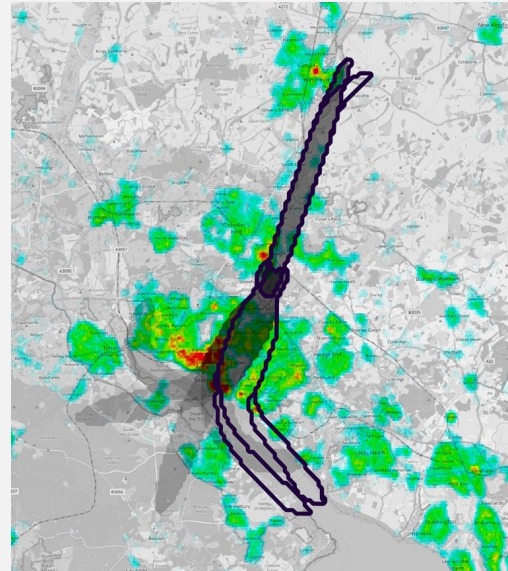
65dB L_{AMax} Baseline Average Centreline

Baseline contour shaded grey on image
Based on a single noise event i.e one departure or arrival based on the A320 profile in AEDT
Only considers average centreline data (no vectoring)
The data tables use 2021 CACI and point X data to identify noise sensitive sites and population.
Does not consider frequency of overflight

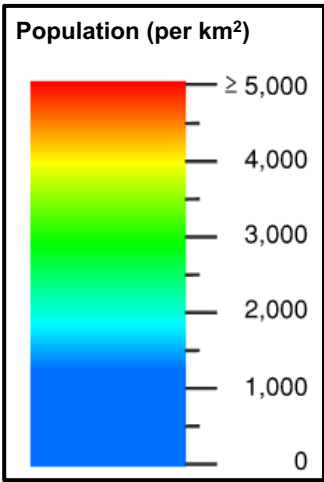
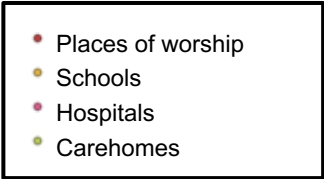
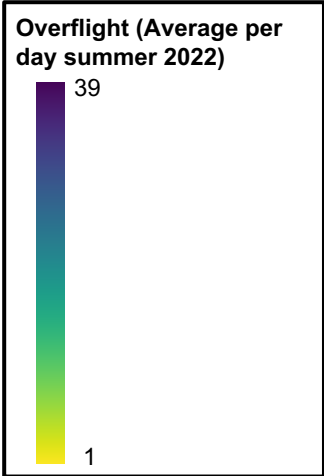
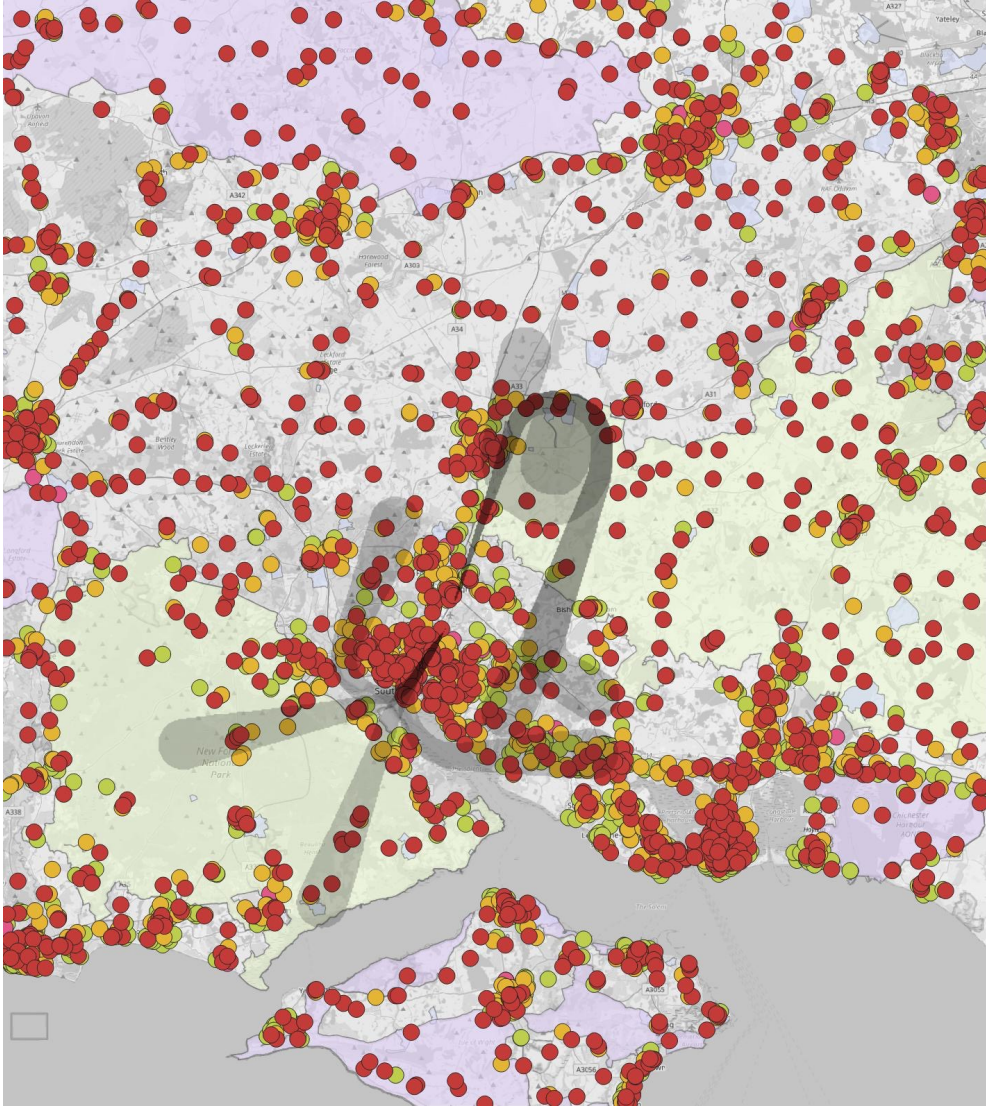
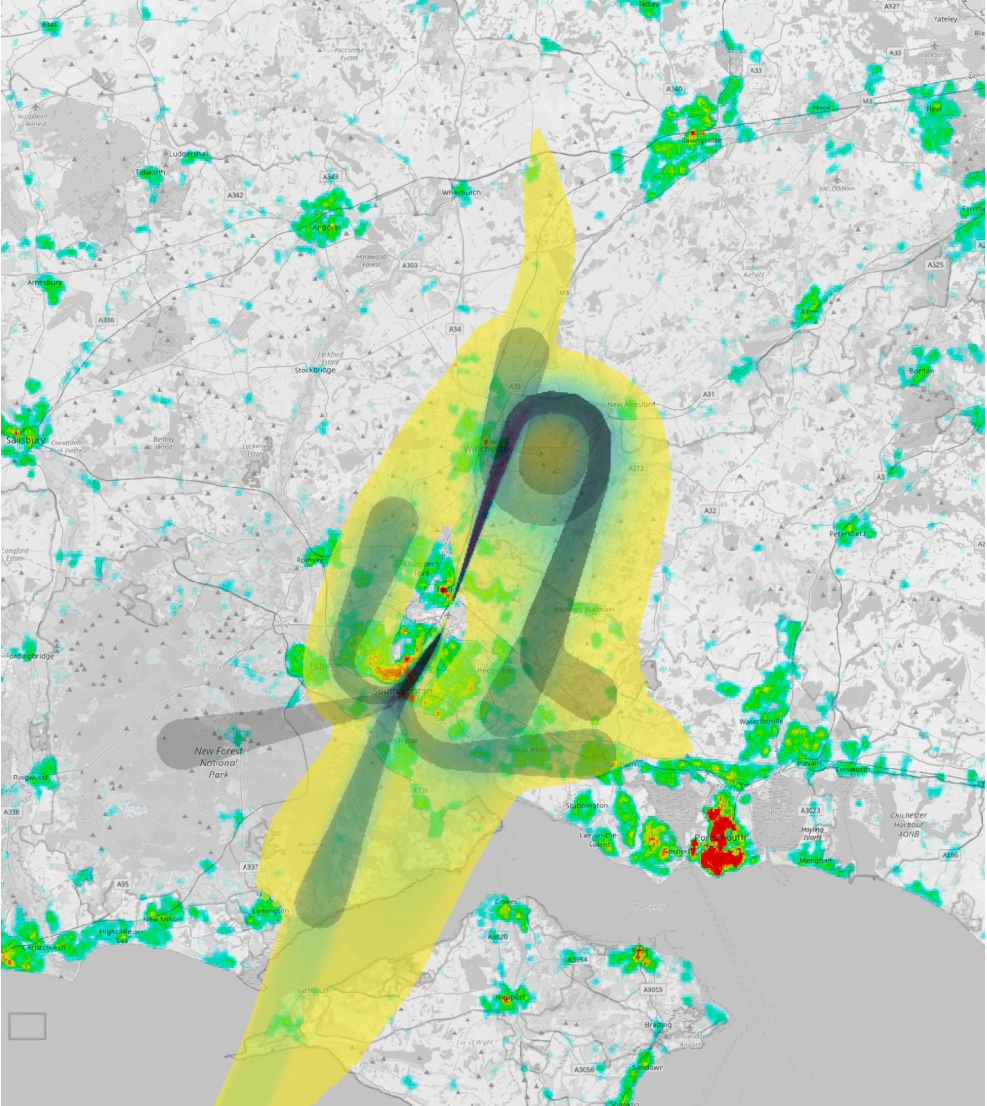


65dB L_{AMax} Baseline and Option

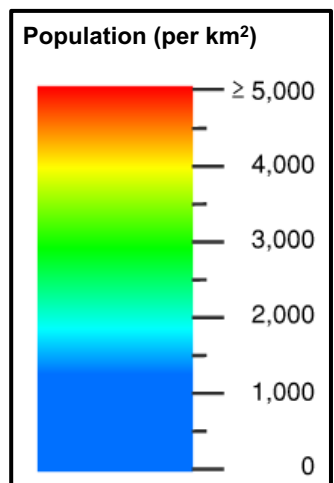
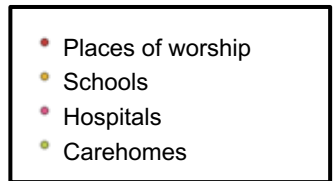
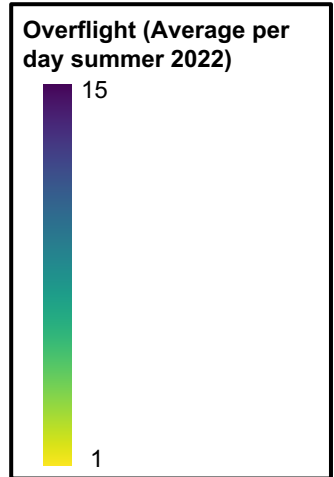
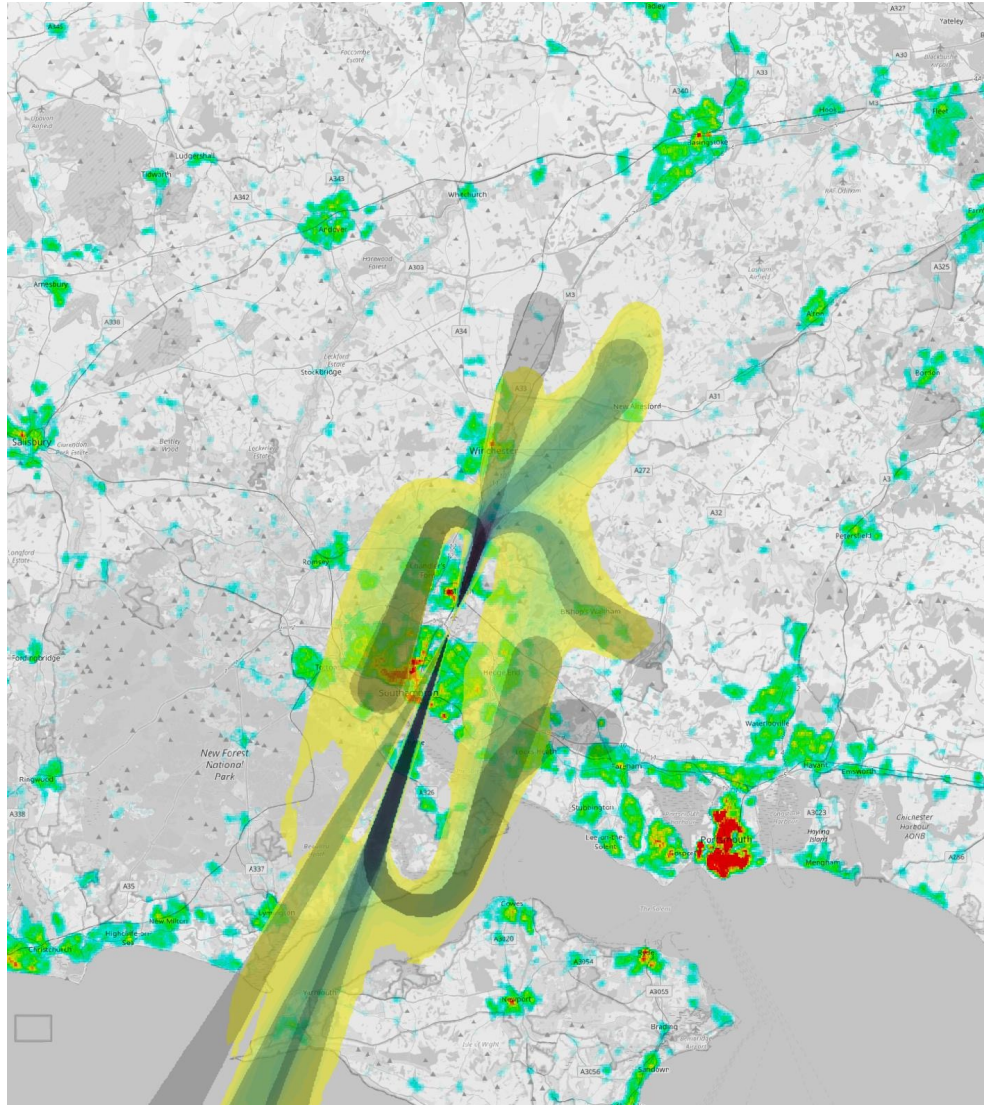
Baseline contour shaded grey on image. Option contour black outline.
Baseline generated as per description opposite.
Option generated based on a single noise event i.e one departure or arrival based on the A320 profile in AEDT
Only considers average centreline data (no vectoring)
The data tables use 2021 CACI and point X data to identify noise sensitive sites and population.
Does not consider frequency of overflight
This assumes that all aircraft will fly the route centreline to/from 7000ft



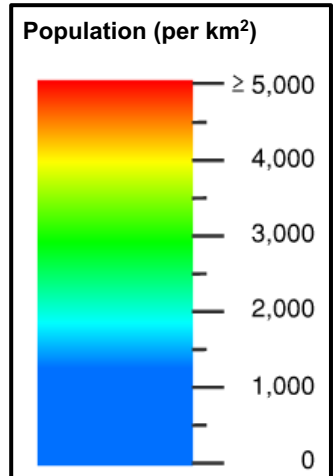
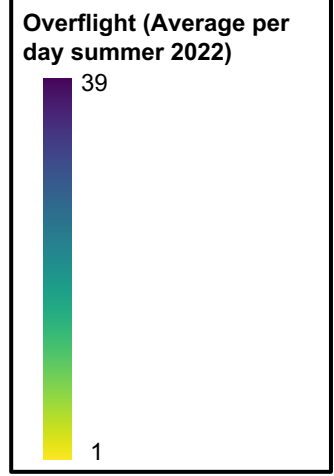
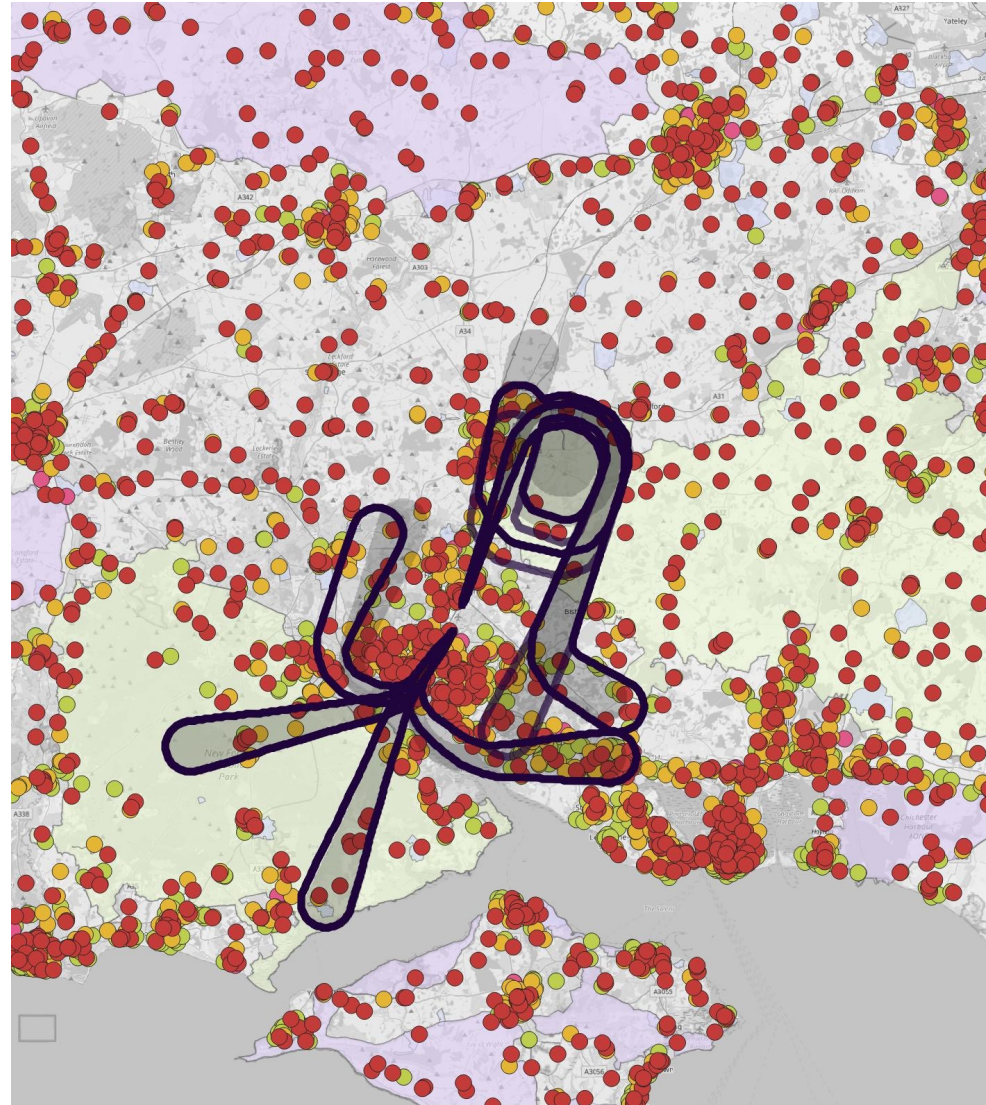
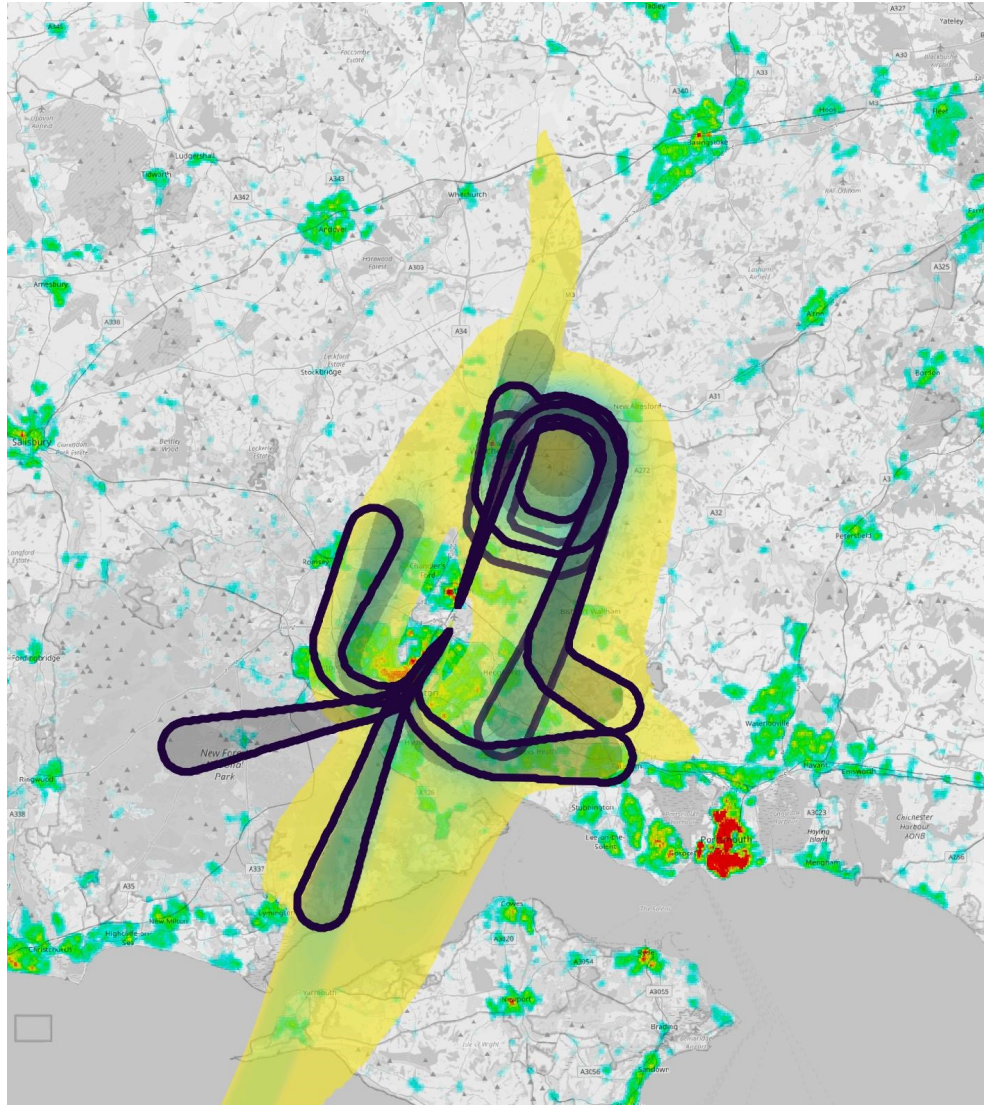
Baseline 20 Arrivals/Departures



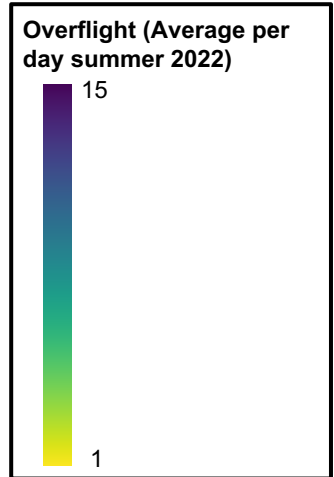
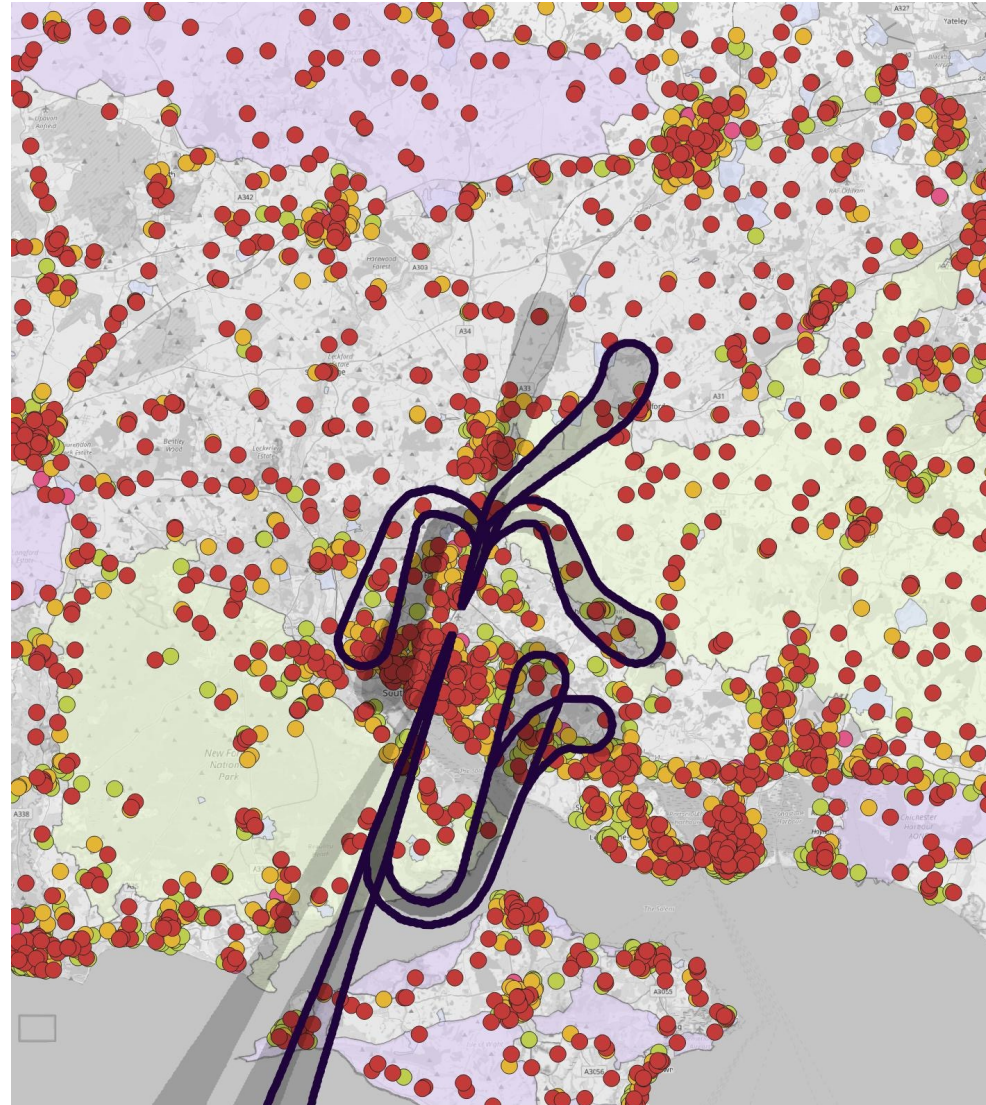
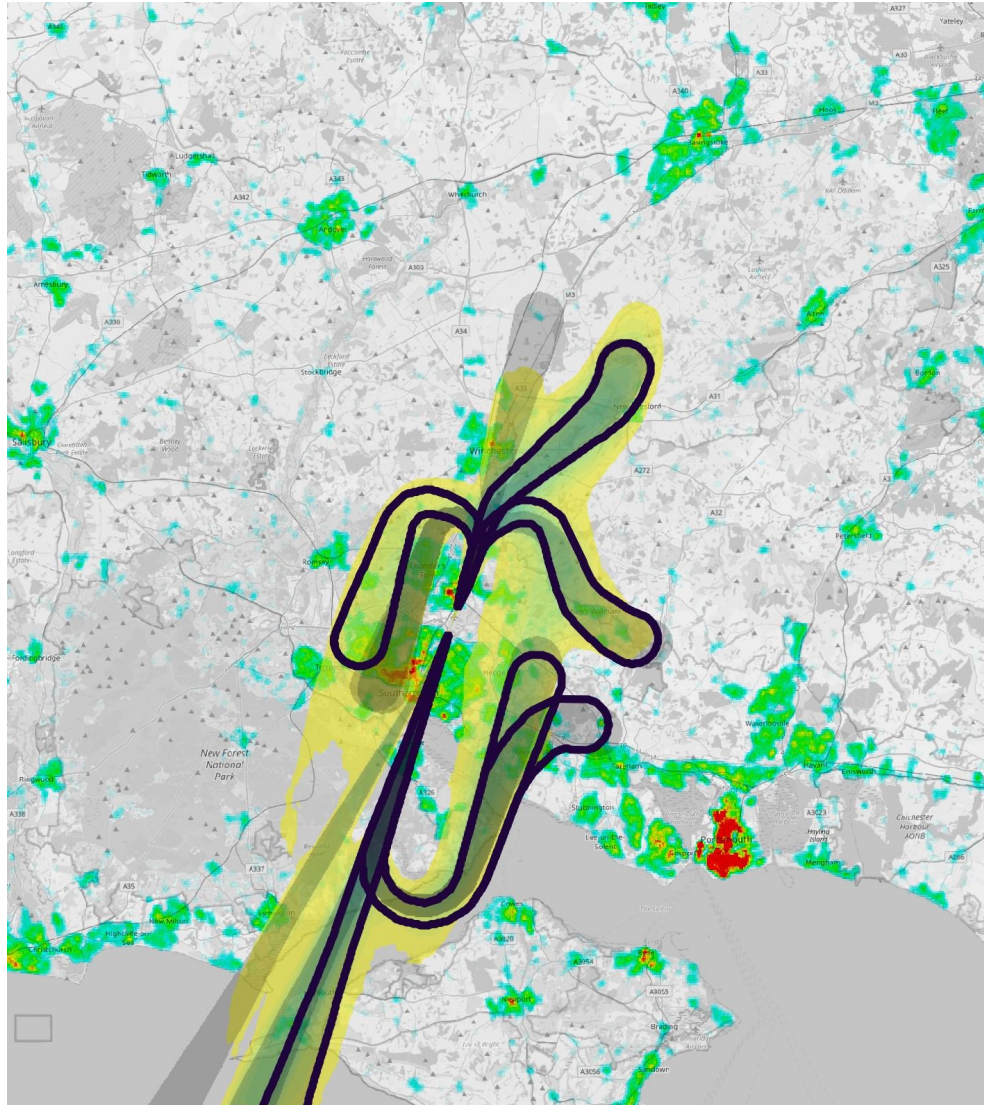
Baseline 02 Arrivals/Departures



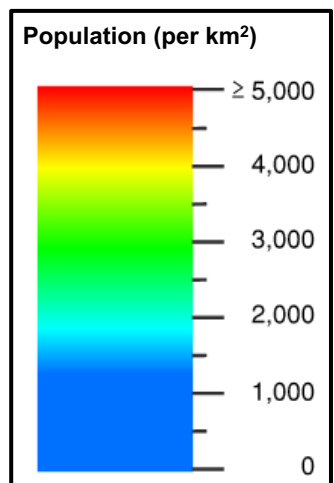
Option 1 20 Arrivals/Departures



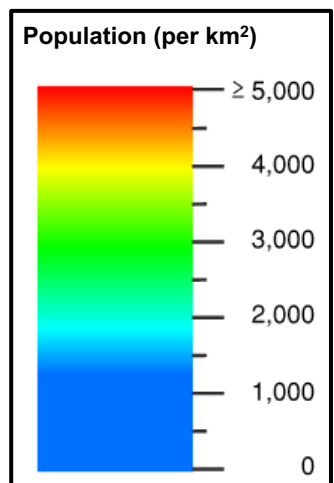
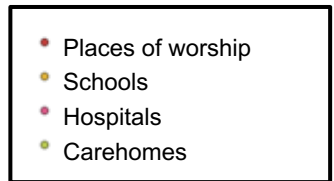
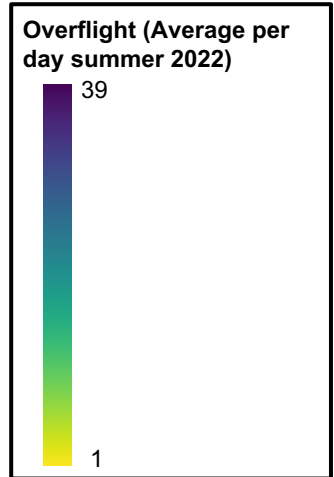
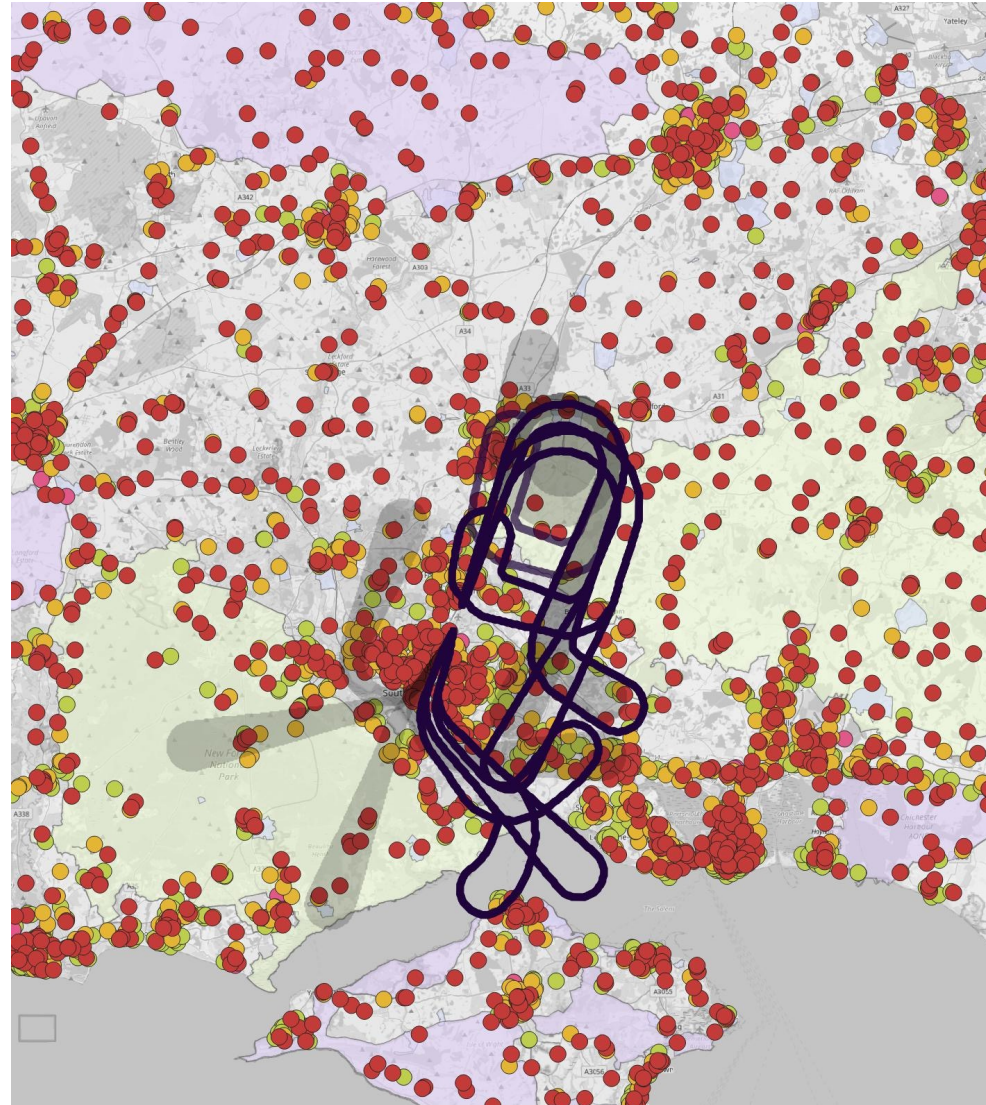
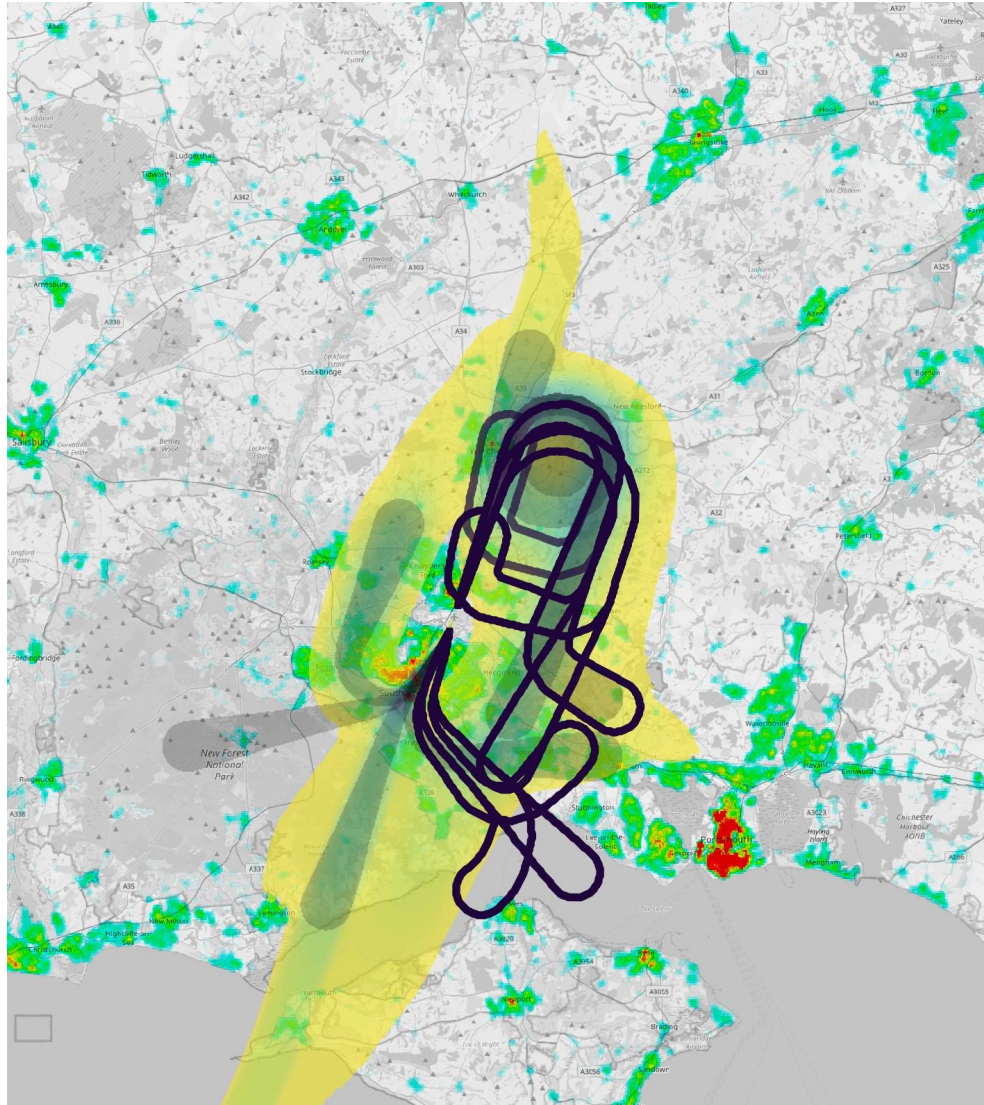
Option 1 02 Arrivals/Departures



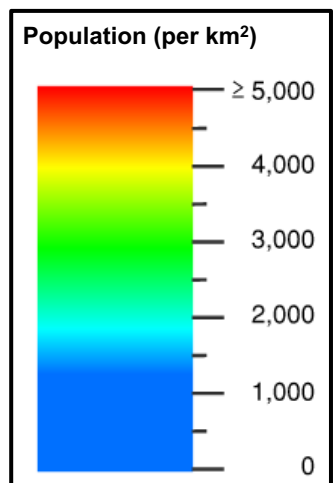
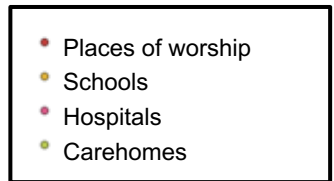
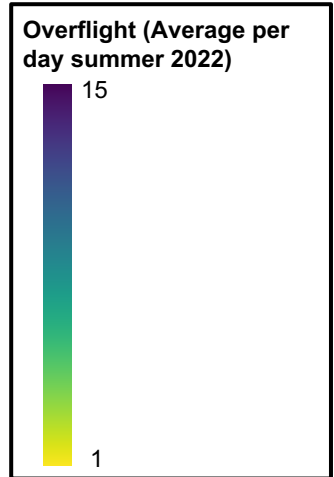
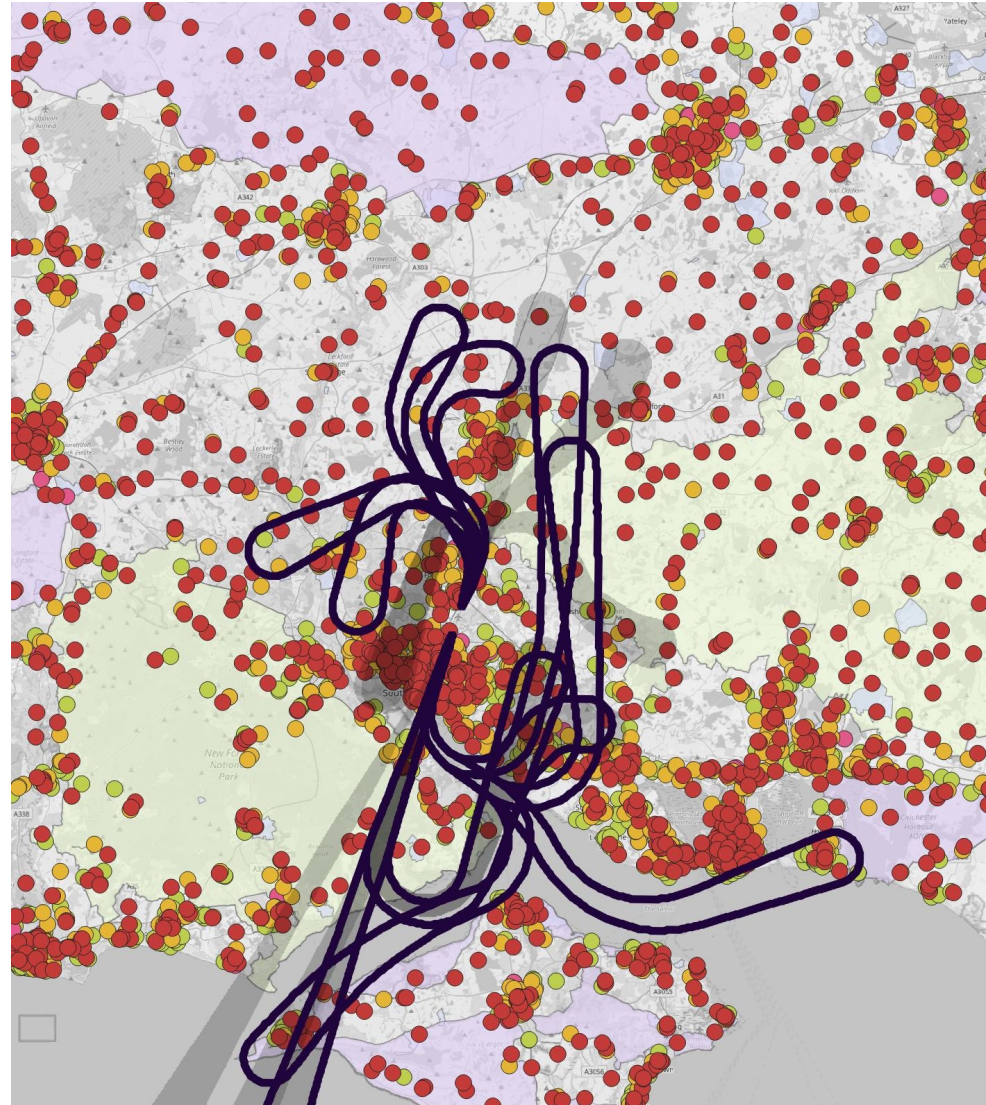
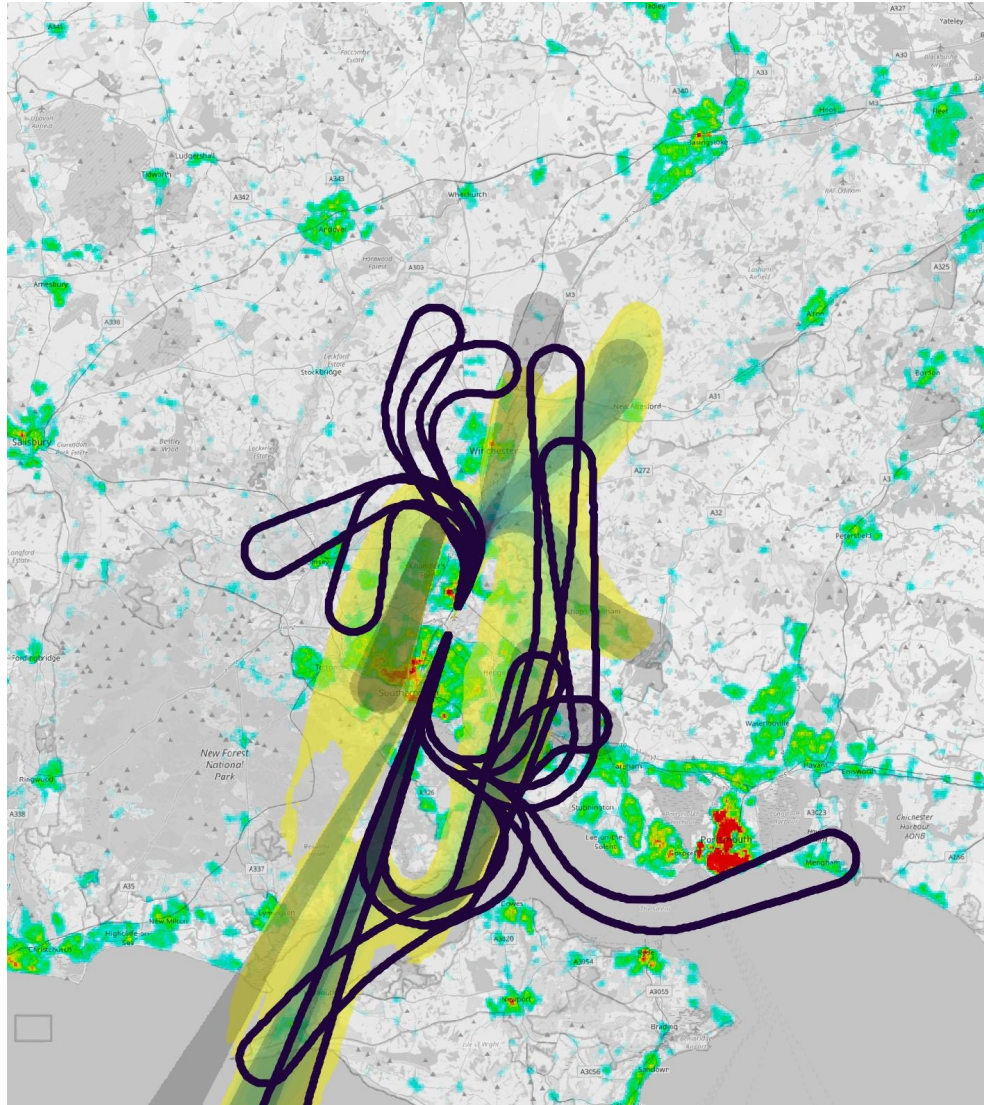
- Places of worship
- Schools
- Hospitals
- Carehomes



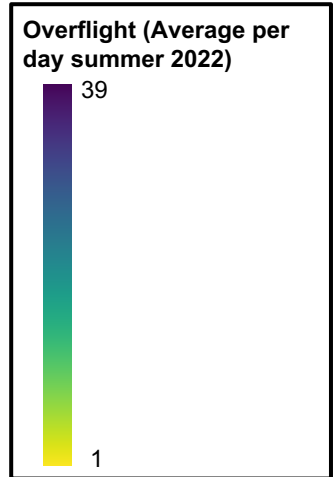
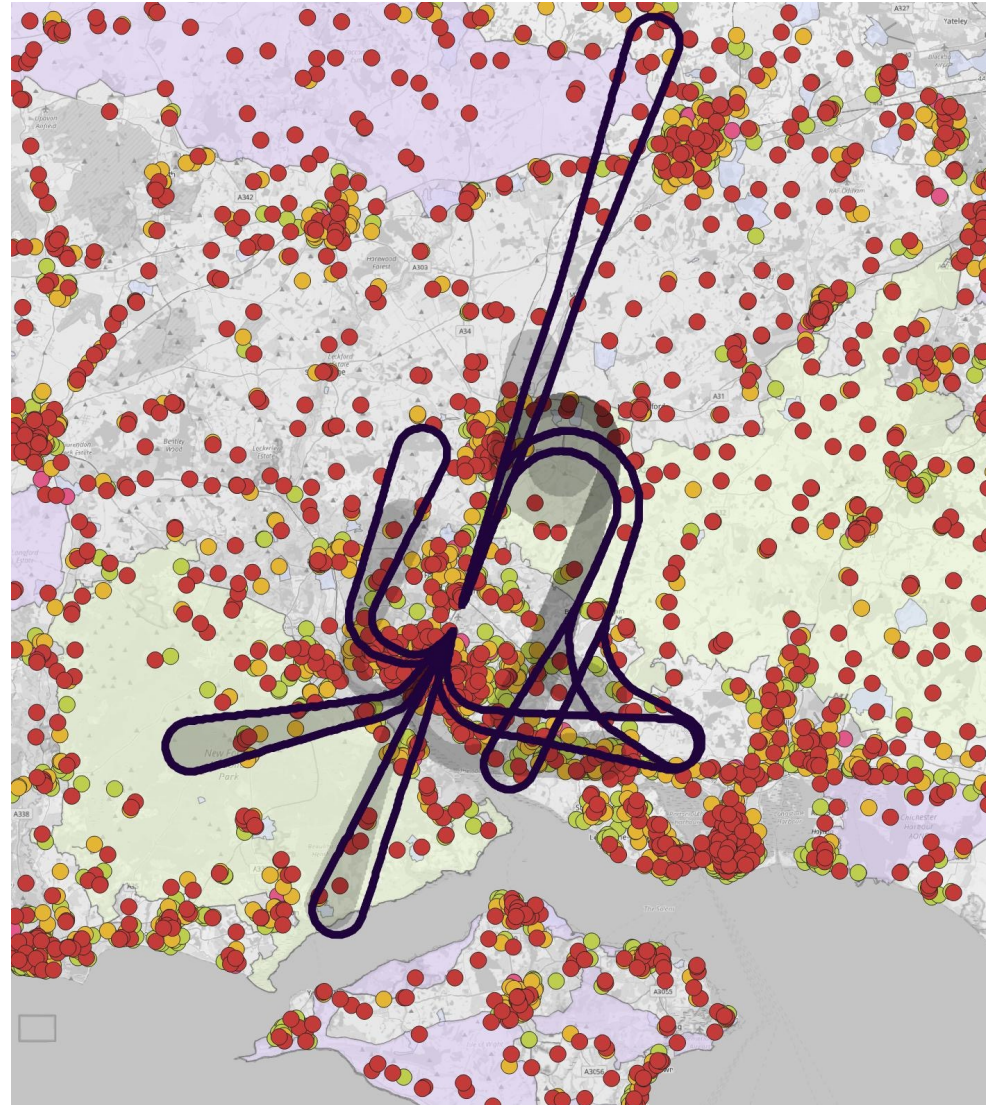
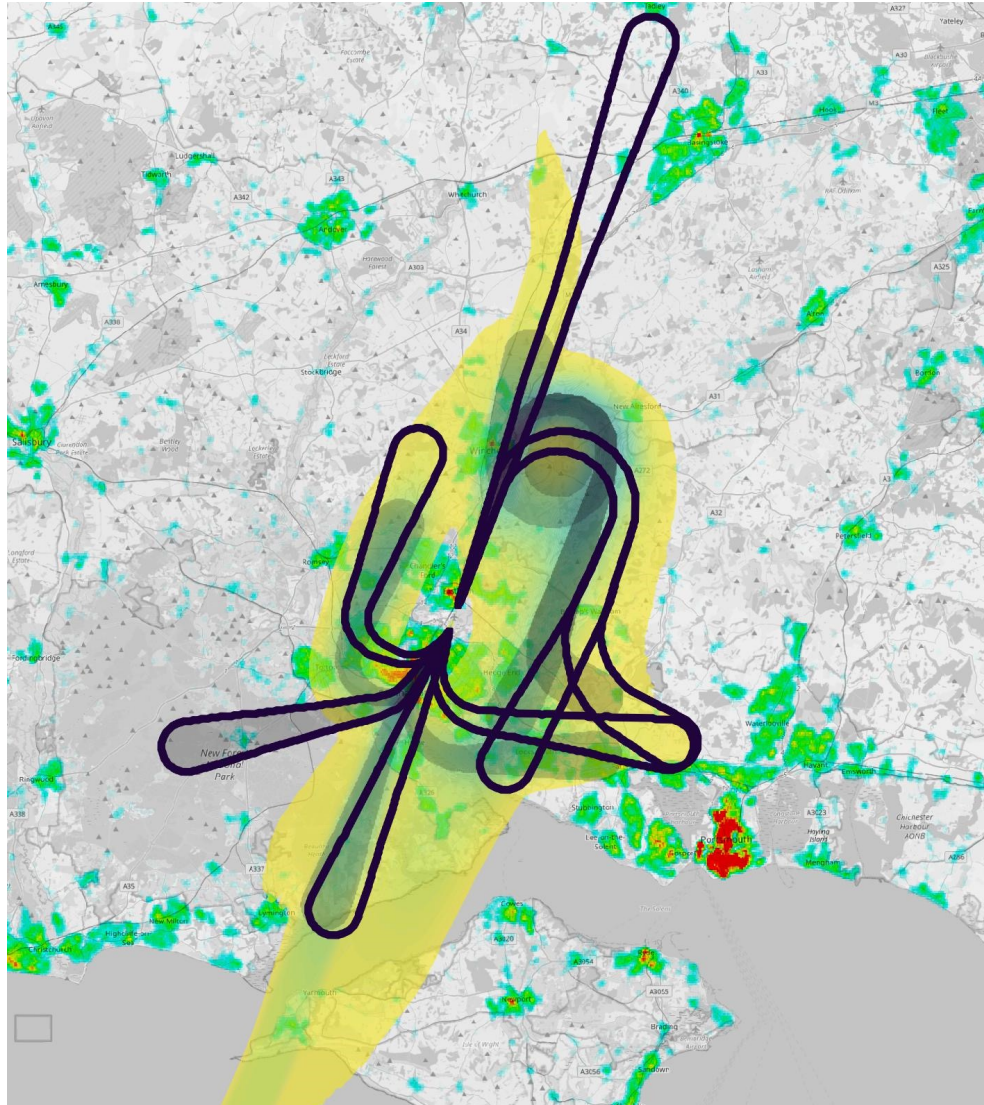
Option 3 20 Arrivals/Departures



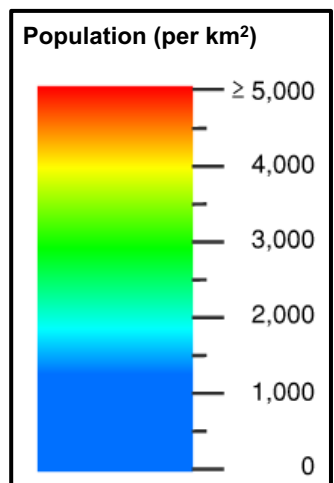
Option 3 02 Arrivals/Departures



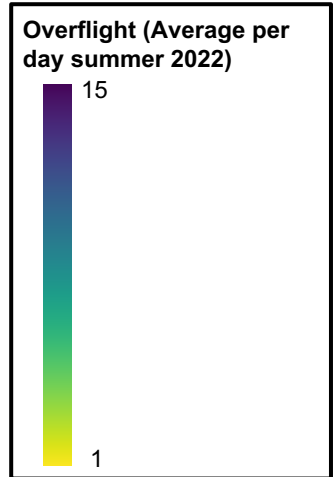
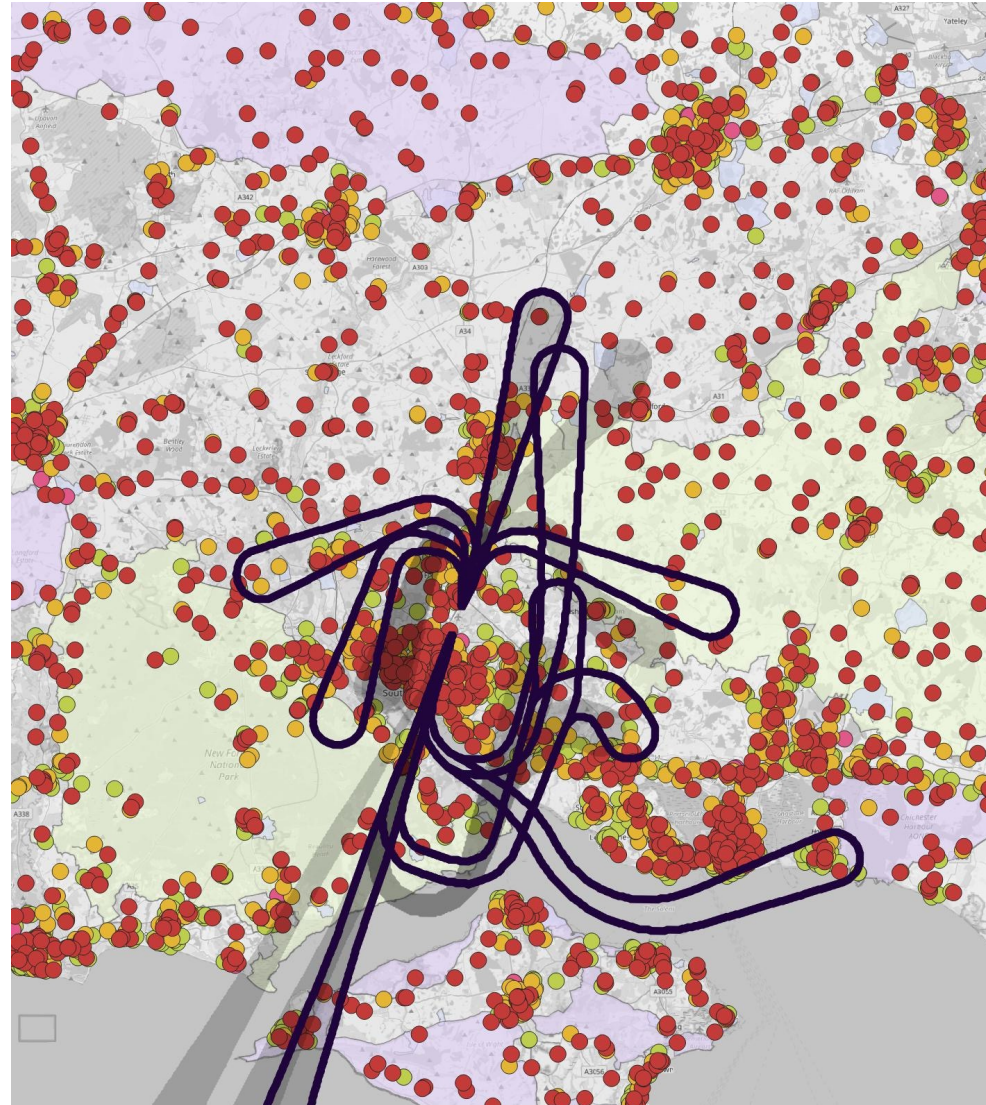
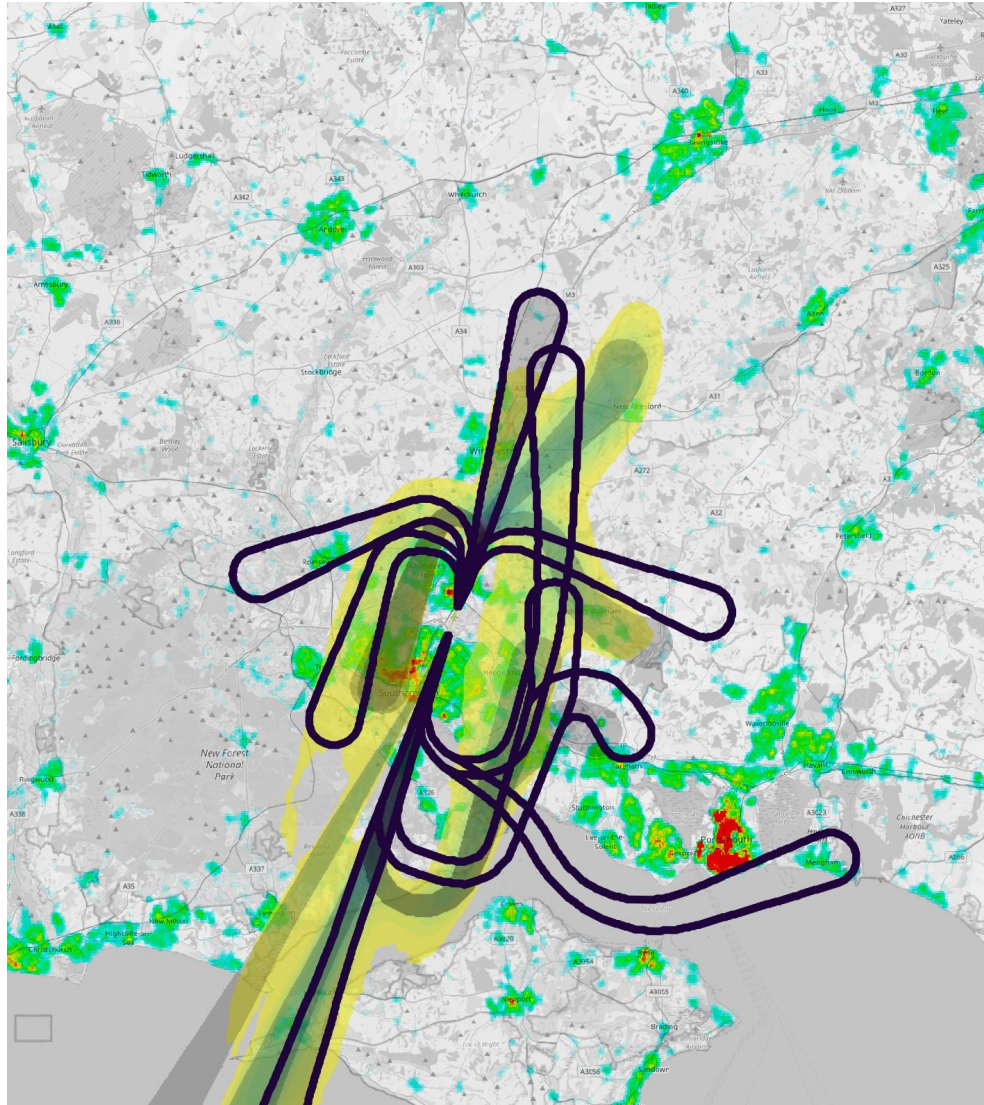
Option 4 20 Arrivals/Departures



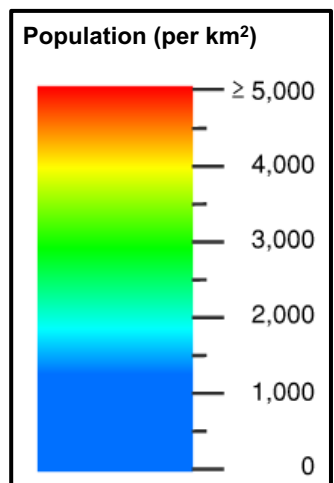
- Places of worship
- Schools
- Hospitals
- Carehomes



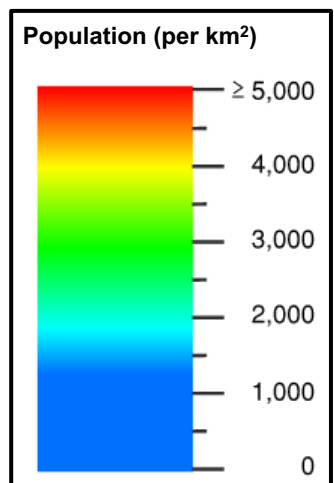
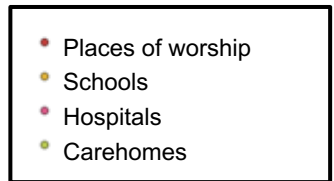
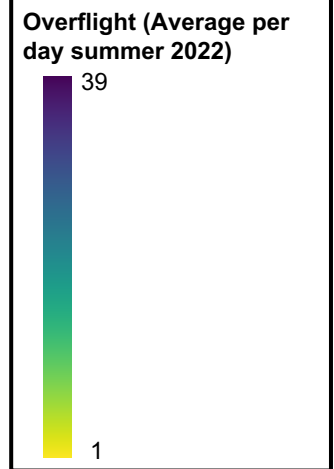
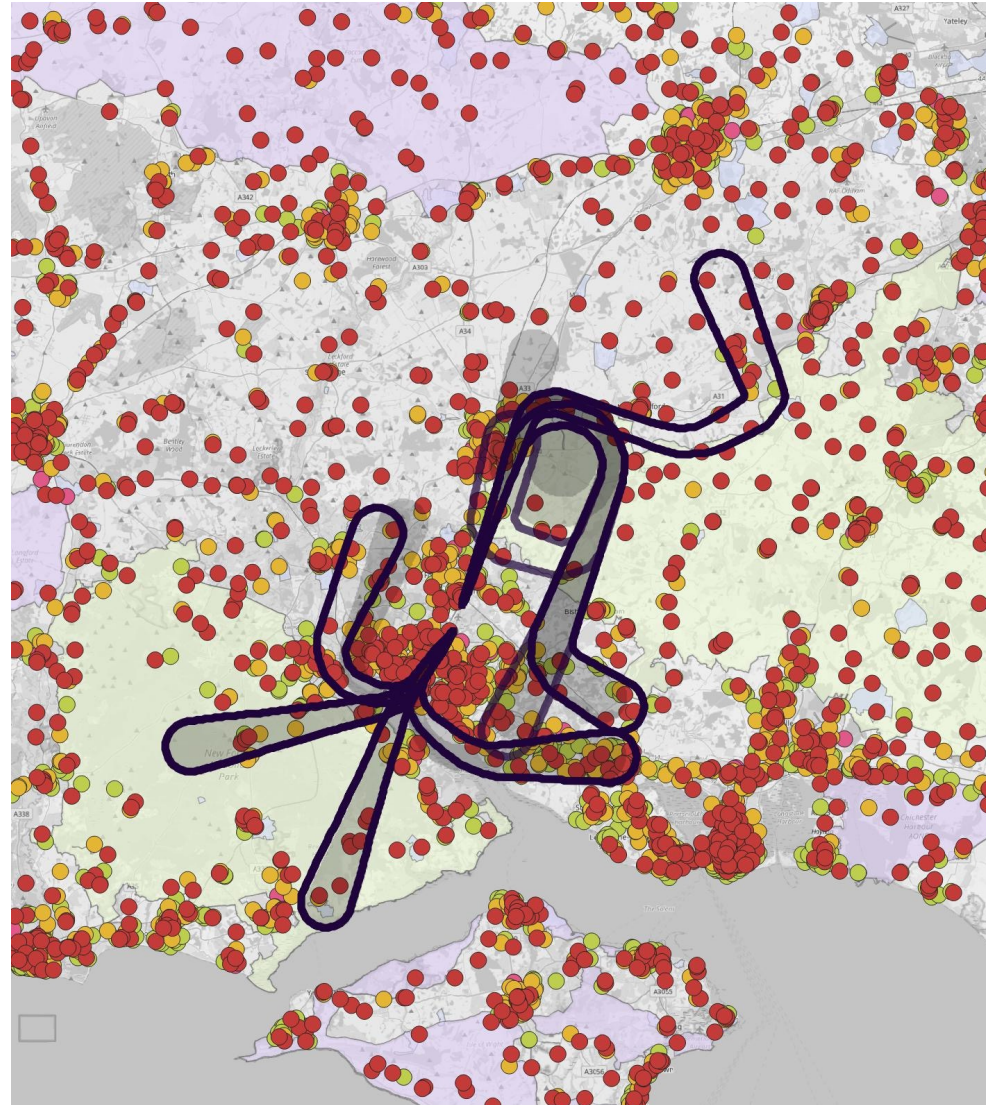
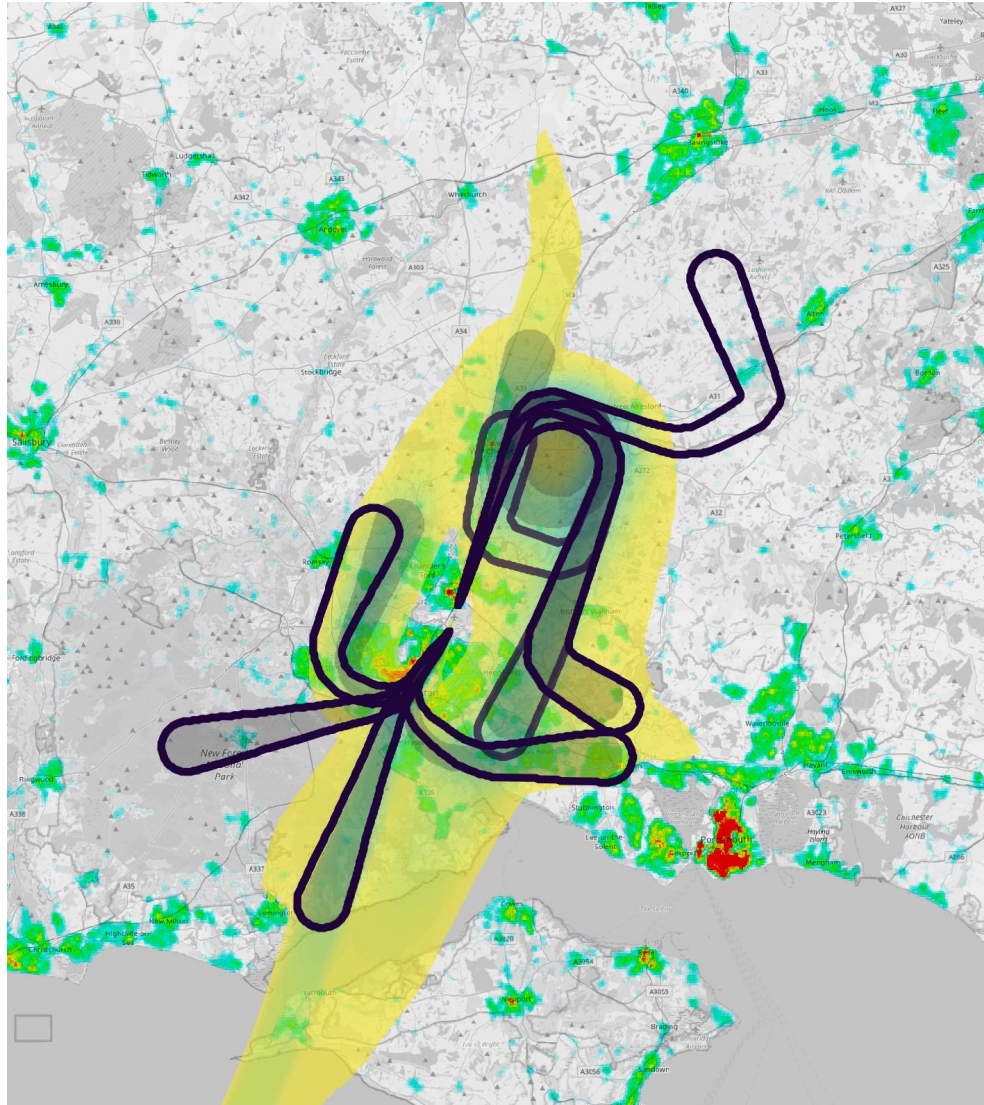
Option 4 02 Arrivals/Departures



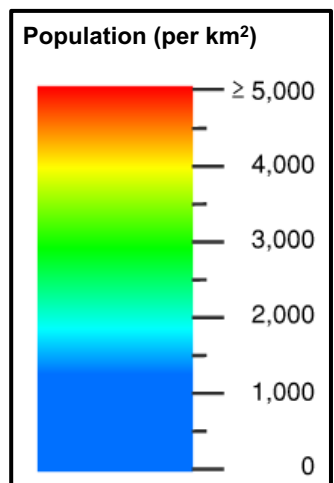
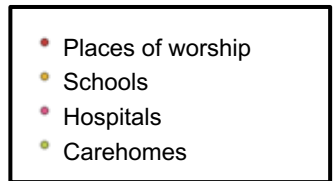
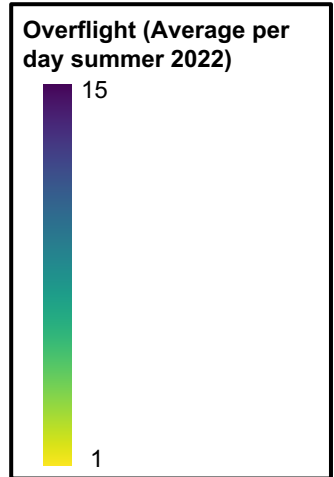
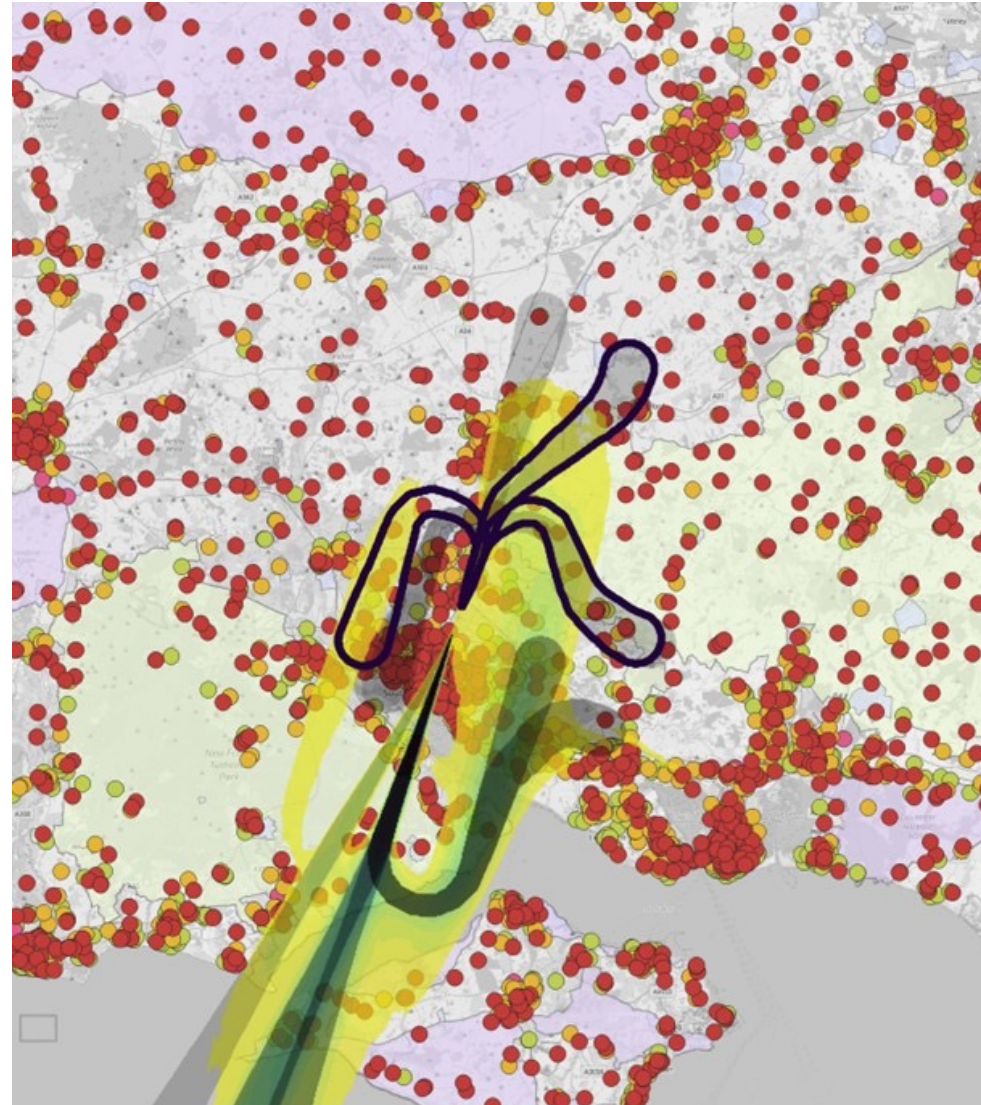
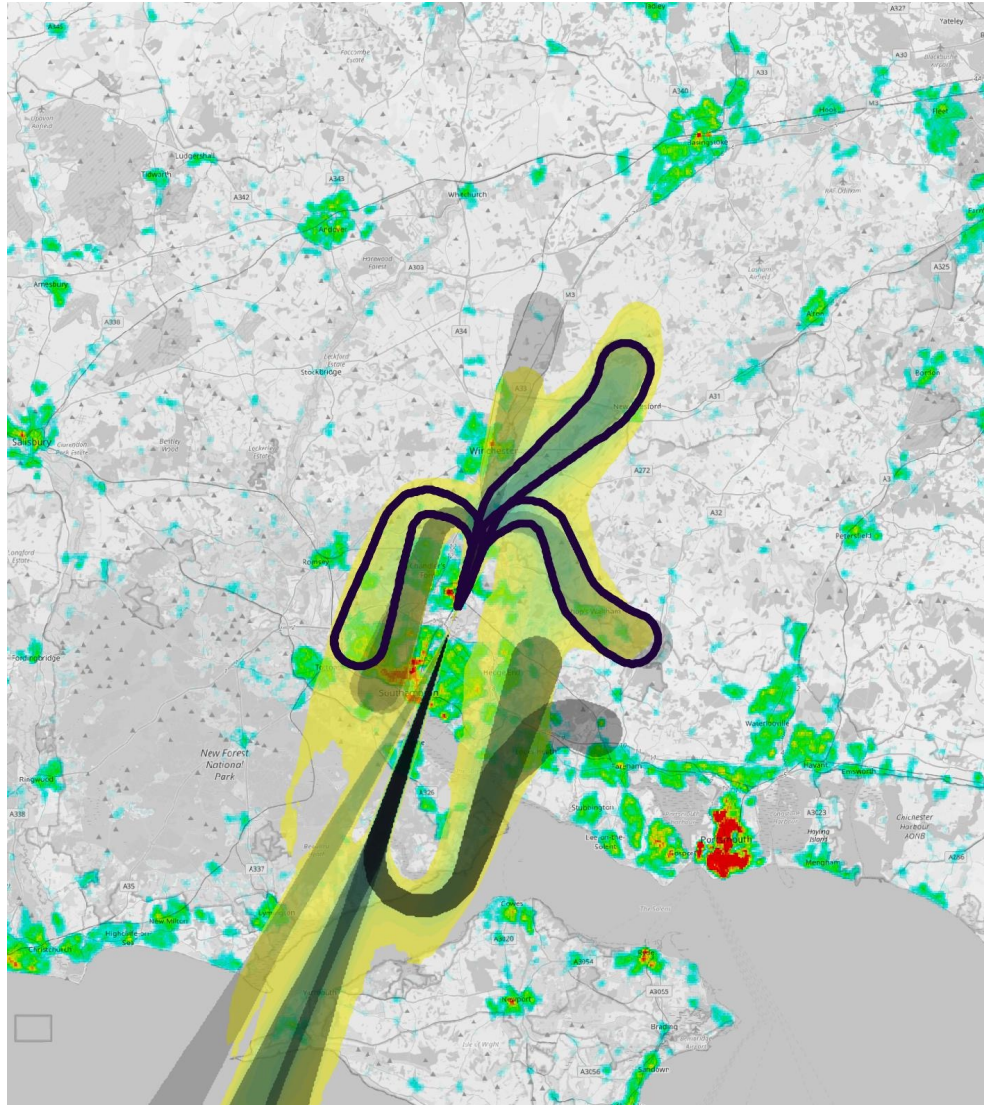
- Places of worship
- Schools
- Hospitals
- Carehomes



Option 5 20 Arrivals/Departures



Option 5 02 Arrivals/Departures



Overflight – Option 1

Option 1	Population	AONB Count	AONB Area (km ²)	National Parks Count	National Parks Area (km ²)	Parks and Gardens Count	Parks and Gardens Area (km ²)	Schools Count	Hospitals Count	Carehomes Count	Places of worship Count
Baseline 20 Arrivals											
Runway 20 average baseline arrival from North	11700	0	0.0	1	47.9	1	1.5	14	0	11	36
Runway 20 average baseline arrival from South	14487	0	0.0	1	42.6	1	1.5	19	0	19	26
Runway 20 average baseline arrival from South East	7577	0	0.0	1	42.7	1	1.5	12	0	10	18
Option 1 20 Arrivals											
RWY20 IAP Arrival from South East (1)	7235	0	0.0	1	41.4	1	2.2	10	0	11	15
RWY20 IAP Arrival from South (1)	14809	0	0.0	1	40.3	2	2.2	18	0	19	20
RWY20 IAP Arrival from North (1)	13201	0	0.0	1	59.3	1	1.8	17	0	15	40
RWY20 IAP Arrival from North (2)	14474	0	0.0	1	58.1	1	2.2	18	0	15	35
Baseline 02 Arrivals											
Runway 02 average baseline arrival from North	20679	0	0.0	1	23.0	2	0.1	19	2	28	17
Runway 02 average baseline RNP arrival from South	7880	1	7.4	1	15.3	1	0.0	6	1	10	11
Runway 02 average baseline NDB/DME arrival from South	9901	1	4.0	1	16.4	1	0.0	6	1	18	12
Runway 02 average baseline VOR/DME arrival from South	8481	0	0.0	1	26.4	2	0.1	7	0	5	17
Runway 02 average baseline arrival from South East	26072	0	0.0	1	23.0	2	0.1	20	3	32	17
Option 1 02 Arrivals											
RWY02 IAP RF Arrival from South East (1)	23192	0	0.0	1	21.7	2	0.1	17	3	25	15
RWY02 IAP RF Arrival from North (1)	20968	0	0.0	1	21.7	2	0.1	15	2	24	19
RWY02 IAP Arrival from South (1)	7985	1	7.4	1	15.4	1	0.0	6	1	10	11
Baseline 20 Departures											
Runway 20 average baseline north	24453	0	0.0	0	0.0	1	0.2	26	1	9	38
Runway 20 average baseline south	12070	0	0.0	1	38.3	2	1.6	14	1	3	42
Runway 20 average baseline south east	40072	0	0.0	0	0.0	2	0.5	38	3	43	51
Runway 20 average baseline south west	11651	0	0.0	1	38.0	1	0.2	12	3	7	34
Option 1 20 Departures											
RWY20 SID South West (1)	11533	0	0.0	1	38.1	1	0.2	11	3	5	30
RWY20 SID South (1)	10041	0	0.0	1	39.5	2	1.6	11	1	1	32
RWY20 SID South East (1)	43024	0	0.0	0	0.0	2	0.8	39	2	44	58
RWY20 SID North (1)	17553	0	0.0	0	0.0	3	0.5	16	1	8	32
Baseline 02 Departures											
Runway 02 average baseline north (Good climbers)	8831	0	0.0	1	13.7	0	0.0	11	0	8	26
Runway 02 average baseline north (Slower climbers)	1579	0	0.0	1	27.4	3	2.9	2	0	3	6
Runway 02 average baseline south	45564	0	0.0	1	1.4	3	1.1	38	5	45	48
Runway 02 average baseline south east	6415	0	0.0	1	32.6	0	0.0	6	0	5	11
Runway 02 average baseline south west	44309	0	0.0	1	1.4	2	1.0	33	5	39	41
Option 1 02 Departures											
RWY02 SID South West (3)	22292	0	0.0	1	1.0	0	0.0	26	5	9	20
RWY02 SID North (1)	2240	0	0.0	1	28.0	4	2.1	3	0	3	7
RWY02 SID South East (1)	6295	0	0.0	1	33.2	0	0.0	6	0	5	10
RWY02 SID South (1)	22368	0	0.0	1	1.0	0	0.0	26	5	9	20

Overflight – Option 3

Option 3	Population	AONB Count	AONB Area (km ²)	National Parks Count	National Parks Area (km ²)	Parks and Gardens Count	Parks and Gardens Area (km ²)	Schools Count	Hospitals Count	Carehomes Count	Places of worship Count
Baseline 20 Arrivals											
Runway 20 average baseline arrival from North	11700	0	0.0	1	47.9	1	1.5	14	0	11	36
Runway 20 average baseline arrival from South	14487	0	0.0	1	42.6	1	1.5	19	0	19	26
Runway 20 average baseline arrival from South East	7577	0	0.0	1	42.7	1	1.5	12	0	10	18
Option 3 20 Arrivals											
RWY20 IAP Arrival from South East (1)	7235	0	0.0	1	41.4	1	2.2	10	0	11	15
RWY20 IAP Arrival from North (2)	14474	0	0.0	1	58.1	1	2.2	18	0	15	35
RWY20 IAP RF Arrival from North (4)	20393	0	0.0	1	39.3	3	0.2	21	0	18	23
RWY20 IAP RF Arrival from South (2)	18722	0	0.0	1	36.3	2	0.2	15	1	21	21
Baseline 02 Arrivals											
Runway 02 average baseline arrival from North	20679	0	0.0	1	23.0	2	0.1	19	2	28	17
Runway 02 average baseline RNP arrival from South	7880	1	7.4	1	15.3	1	0.0	6	1	10	11
Runway 02 average baseline NDB/DME arrival from South	9901	1	4.0	1	16.4	1	0.0	6	1	18	12
Runway 02 average baseline VOR/DME arrival from South	8481	0	0.0	1	26.4	2	0.1	7	0	5	17
Runway 02 average baseline arrival from South East	26072	0	0.0	1	23.0	2	0.1	20	3	32	17
Option 3 02 Arrivals											
RWY02 IAP RF Arrival from South East (1)	23192	0	0.0	1	21.7	2	0.1	17	3	25	15
RWY02 IAP RF Arrival from North (1)	20968	0	0.0	1	21.7	2	0.1	15	2	24	19
RWY02 IAP Arrival from South (1)	7985	1	7.4	1	15.4	1	0.0	6	1	10	11
RWY02 IAP RNP AR Arrival from North (3)	7491	0	0.0	1	38.7	3	2.5	12	0	13	11
RWY02 IAP RNP AR Arrival from South (2)	6792	1	11.6	1	0.4	1	0.0	4	0	17	10
RWY02 IAP RNP AR Arrival from South East (2)	10655	1	3.8	0	0.0	2	0.1	7	0	21	7
RWY02 IAP RNP AR Arrival from North (5)	7777	0	0.0	1	37.8	2	0.1	7	0	12	10
Baseline 20 Departures											
Runway 20 average baseline north	24453	0	0.0	0	0.0	1	0.2	26	1	9	38
Runway 20 average baseline south	12070	0	0.0	1	38.3	2	1.6	14	1	3	42
Runway 20 average baseline south east	40072	0	0.0	0	0.0	2	0.5	38	3	43	51
Runway 20 average baseline south west	11651	0	0.0	1	38.0	1	0.2	12	3	7	34
Option 3 20 Departures											
RWY20 SID North (2)	15344	0	0.0	1	1.7	1	0.0	13	1	20	9
RWY20 SID South (2)	7479	1	0.0	1	1.8	2	0.2	4	0	10	5
RWY20 SID South East (2)	6726	0	0.0	1	0.5	2	0.2	2	0	7	5
Baseline 02 Departures											
Runway 02 average baseline north (Good climbers)	8831	0	0.0	1	13.7	0	0.0	11	0	8	26
Runway 02 average baseline north (Slower climbers)	1579	0	0.0	1	27.4	3	2.9	2	0	3	6
Runway 02 average baseline south	45564	0	0.0	1	1.4	3	1.1	38	5	45	48
Runway 02 average baseline south east	6415	0	0.0	1	32.6	0	0.0	6	0	5	11
Runway 02 average baseline south west	44309	0	0.0	1	1.4	2	1.0	33	5	39	41
Option 3 02 Departures											
RWY02 SID North (3)	894	0	0.0	1	0.0	1	0.0	3	0	3	3
RWY02 SID South (2)	7802	0	0.0	1	0.8	1	0.2	9	0	6	5
RWY02 SID South West (1)	2757	0	0.0	1	0.1	4	2.2	2	0	6	5
RWY02 SID South East (2)	2869	0	0.0	0	0.0	3	0.2	5	0	4	7

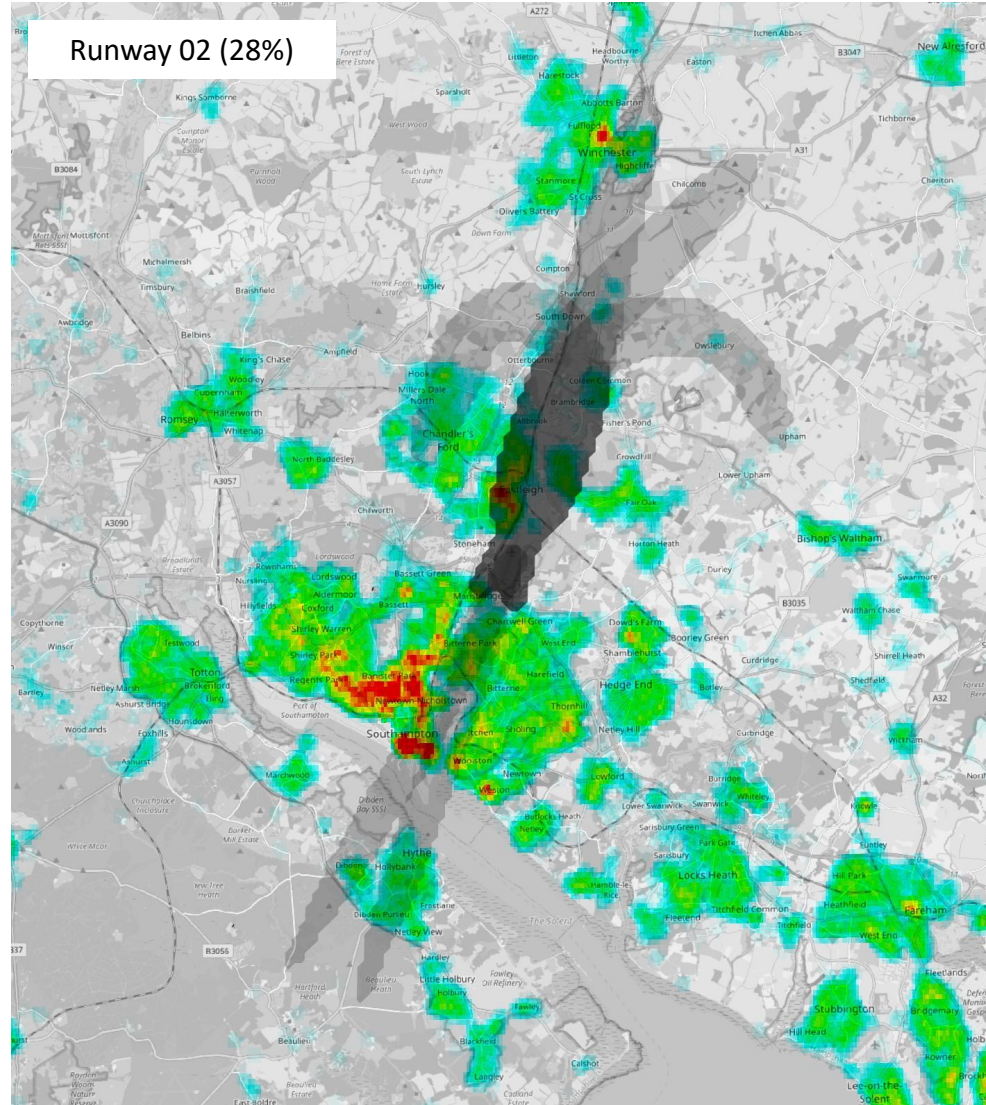
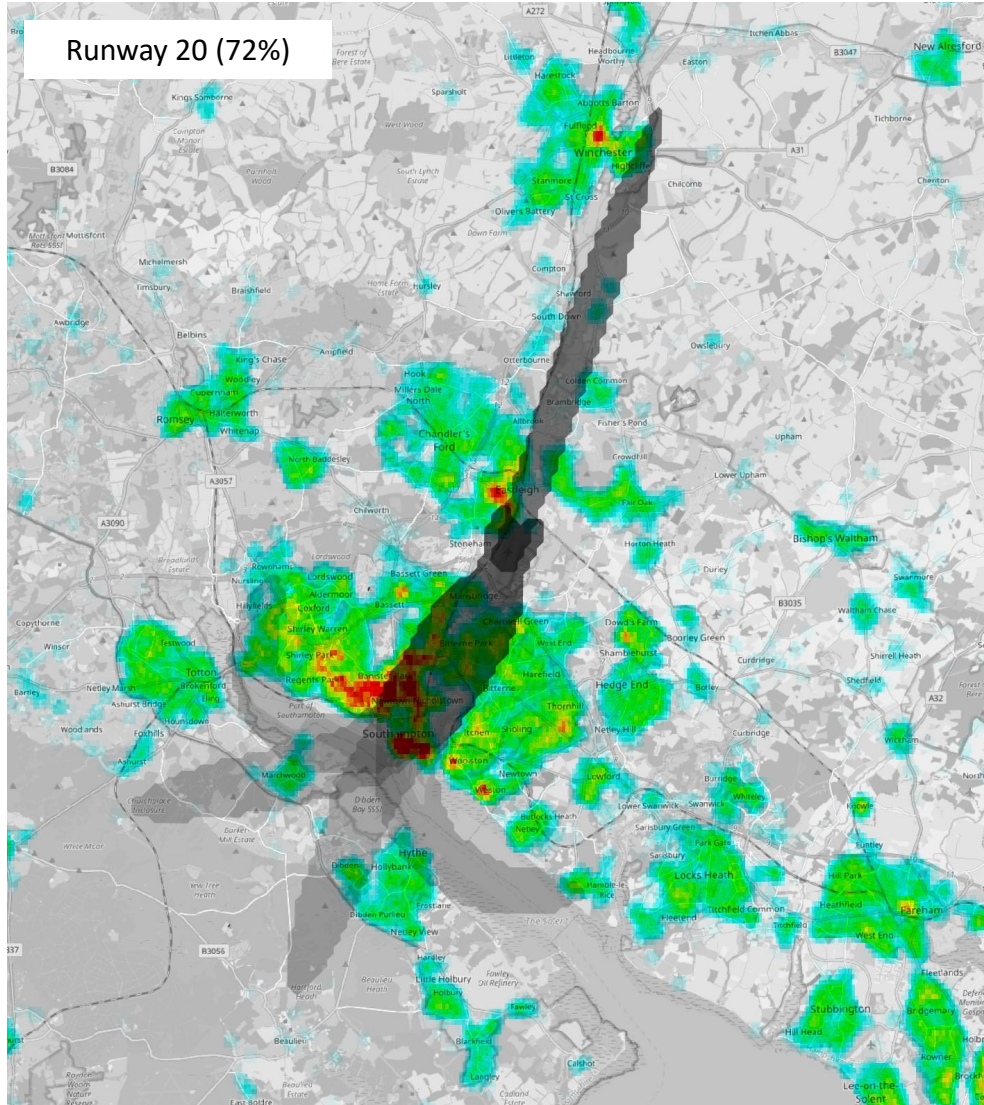
Overflight – Option 4

Option 4	Population	AONB Count	AONB Area (km ²)	National Parks Count	National Parks Area (km ²)	Parks and Gardens Count	Parks and Gardens Area (km ²)	Schools Count	Hospitals Count	Carehomes Count	Places of worship Count
Baseline 20 Arrivals											
Runway 20 average baseline arrival from North	11700	0	0.0	1	47.9	1	1.5	14	0	11	36
Runway 20 average baseline arrival from South	14487	0	0.0	1	42.6	1	1.5	19	0	19	26
Runway 20 average baseline arrival from South East	7577	0	0.0	1	42.7	1	1.5	12	0	10	18
Option 4 20 Arrivals											
RWY20 IAP RF Arrival from South East (2)	7855	0	0.0	1	37.3	2	0.2	9	0	10	14
RWY20 IAP RF Arrival from South (2)	18722	0	0.0	1	36.3	2	0.2	15	1	21	21
RWY20 IAP Arrival from North (5)	6002	1	11.6	1	9.3	1	0.9	11	0	2	19
Baseline 02 Arrivals											
Runway 02 average baseline arrival from North	20679	0	0.0	1	23.0	2	0.1	19	2	28	17
Runway 02 average baseline RNP arrival from South	7880	1	7.4	1	15.3	1	0.0	6	1	10	11
Runway 02 average baseline NDB/DME arrival from South	9901	1	4.0	1	16.4	1	0.0	6	1	18	12
Runway 02 average baseline VOR/DME arrival from South	8481	0	0.0	1	26.4	2	0.1	7	0	5	17
Runway 02 average baseline arrival from South East	26072	0	0.0	1	23.0	2	0.1	20	3	32	17
Option 4 02 Arrivals											
RWY02 IAP RF Arrival from South East (3)	24951	0	0.0	2	16.6	2	0.9	19	3	36	21
RWY02 IAP RF Arrival from North (6)	22783	0	0.0	2	17.7	2	0.9	20	2	27	18
RWY02 IAP RNP AR Arrival from South East (2)	10655	1	3.8	0	0.0	2	0.1	7	0	21	7
RWY02 IAP RNP AR Arrival from North (3)	7491	0	0.0	1	38.7	3	2.5	12	0	13	11
RWY02 IAP Arrival from South (1)	7985	1	7.4	1	15.4	1	0.0	6	1	10	11
Baseline 20 Departures											
Runway 20 average baseline north	24453	0	0.0	0	0.0	1	0.2	26	1	9	38
Runway 20 average baseline south	12070	0	0.0	1	38.3	2	1.6	14	1	3	42
Runway 20 average baseline south east	40072	0	0.0	0	0.0	2	0.5	38	3	43	51
Runway 20 average baseline south west	11651	0	0.0	1	38.0	1	0.2	12	3	7	34
Option 4 20 Departures											
RWY20 SID South (3)	11984	0	0.0	1	34.2	2	1.3	12	0	10	14
RWY20 SID North (3)	19700	0	0.0	0	0.0	1	0.1	21	4	19	20
RWY20 SID South West (1)	11533	0	0.0	1	38.1	1	0.2	11	3	5	30
RWY20 SID South East (3)	25211	0	0.0	0	0.0	1	0.0	24	3	36	22
Baseline 02 Departures											
Runway 02 average baseline north (Good climbers)	8831	0	0.0	1	13.7	0	0.0	11	0	8	26
Runway 02 average baseline north (Slower climbers)	1579	0	0.0	1	27.4	3	2.9	2	0	3	6
Runway 02 average baseline south	45564	0	0.0	1	1.4	3	1.1	38	5	45	48
Runway 02 average baseline south east	6415	0	0.0	1	32.6	0	0.0	6	0	5	11
Runway 02 average baseline south west	44309	0	0.0	1	1.4	2	1.0	33	5	39	41
Option 4 02 Departures											
RWY02 SID South (3)	25925	0	0.0	1	9.6	1	0.1	30	2	10	26
RWY02 SID South East (3)	2365	0	0.0	1	43.5	0	0.0	3	0	1	2
RWY02 SID North (4)	9031	0	0.0	1	13.5	0	0.0	11	0	9	26
RWY02 SID South West (2)	10523	0	0.0	0	0.0	4	2.6	11	1	15	16

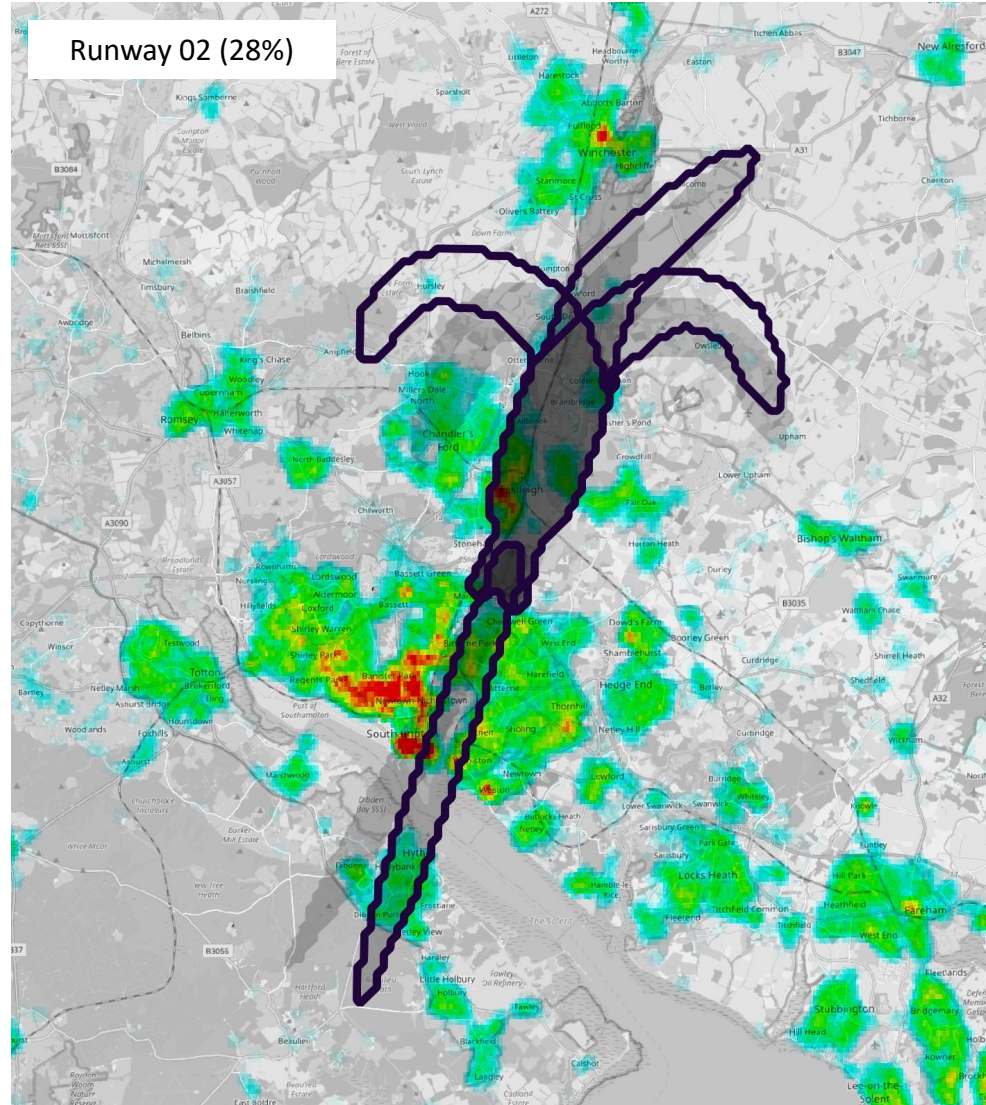
Overflight – Option 5

Option 5	Population	AONB Count	AONB Area (km ²)	National Parks Count	National Parks Area (km ²)	Parks and Gardens Count	Parks and Gardens Area (km ²)	Schools Count	Hospitals Count	Carehomes Count	Places of worship Count
Baseline 20 Arrivals											
Runway 20 average baseline arrival from North	11700	0	0.0	1	47.9	1	1.5	14	0	11	36
Runway 20 average baseline arrival from South	14487	0	0.0	1	42.6	1	1.5	19	0	19	26
Runway 20 average baseline arrival from South East	7577	0	0.0	1	42.7	1	1.5	12	0	10	18
Option 5 20 Arrivals											
RWY20 IAP Arrival from South East (1)	7235	0	0.0	1	41.4	1	2.2	10	0	11	15
RWY20 IAP Arrival from South (1)	14809	0	0.0	1	40.3	2	2.2	18	0	19	20
RWY20 IAP Arrival from North (2)	14474	0	0.0	1	58.1	1	2.2	18	0	15	35
RWY20 IAP Arrival from North (3)	7153	0	0.0	1	27.0	2	1.6	10	0	4	25
Baseline 02 Arrivals											
Runway 02 average baseline arrival from North	20679	0	0.0	1	23.0	2	0.1	19	2	28	17
Runway 02 average baseline RNP arrival from South	7880	1	7.4	1	15.3	1	0.0	6	1	10	11
Runway 02 average baseline NDB/DME arrival from South	9901	1	4.0	1	16.4	1	0.0	6	1	18	12
Runway 02 average baseline VOR/DME arrival from South	8481	0	0.0	1	26.4	2	0.1	7	0	5	17
Runway 02 average baseline arrival from South East	26072	0	0.0	1	23.0	2	0.1	20	3	32	17
Option 5 02 Arrivals											
Runway 02 average baseline arrival from North	20679	0	0.0	1	23.0	2	0.1	19	2	28	17
Runway 02 average baseline RNP arrival from South	7880	1	7.4	1	15.3	1	0.0	6	1	10	11
Runway 02 average baseline NDB/DME arrival from South	9901	1	4.0	1	16.4	1	0.0	6	1	18	12
Runway 02 average baseline arrival from South East	26072	0	0.0	1	23.0	2	0.1	20	3	32	17
Baseline 20 Departures											
Runway 20 average baseline north	24453	0	0.0	0	0.0	1	0.2	26	1	9	38
Runway 20 average baseline south	12070	0	0.0	1	38.3	2	1.6	14	1	3	42
Runway 20 average baseline south east	40072	0	0.0	0	0.0	2	0.5	38	3	43	51
Runway 20 average baseline south west	11651	0	0.0	1	38.0	1	0.2	12	3	7	34
Option 5 20 Departures											
RWY20 SID South West (1)	11533	0	0.0	1	38.1	1	0.2	11	3	5	30
RWY20 SID South (1)	10041	0	0.0	1	39.5	2	1.6	11	1	1	32
RWY20 SID South East (1)	43024	0	0.0	0	0.0	2	0.8	39	2	44	58
RWY20 SID North (1)	17553	0	0.0	0	0.0	3	0.5	16	1	8	32
Baseline 02 Departures											
Runway 02 average baseline north (Good climbers)	8831	0	0.0	1	13.7	0	0.0	11	0	8	26
Runway 02 average baseline north (Slower climbers)	1579	0	0.0	1	27.4	3	2.9	2	0	3	6
Runway 02 average baseline south	45564	0	0.0	1	1.4	3	1.1	38	5	45	48
Runway 02 average baseline south east	6415	0	0.0	1	32.6	0	0.0	6	0	5	11
Runway 02 average baseline south west	44309	0	0.0	1	1.4	2	1.0	33	5	39	41
Option 5 02 Departures											
RWY02 SID South West (3)	22292	0	0.0	1	1.0	0	0.0	26	5	9	20
RWY02 SID North (1)	2240	0	0.0	1	28.0	4	2.1	3	0	3	7
RWY02 SID South East (1)	6295	0	0.0	1	33.2	0	0.0	6	0	5	10
RWY02 SID South (1)	22368	0	0.0	1	1.0	0	0.0	26	5	9	20

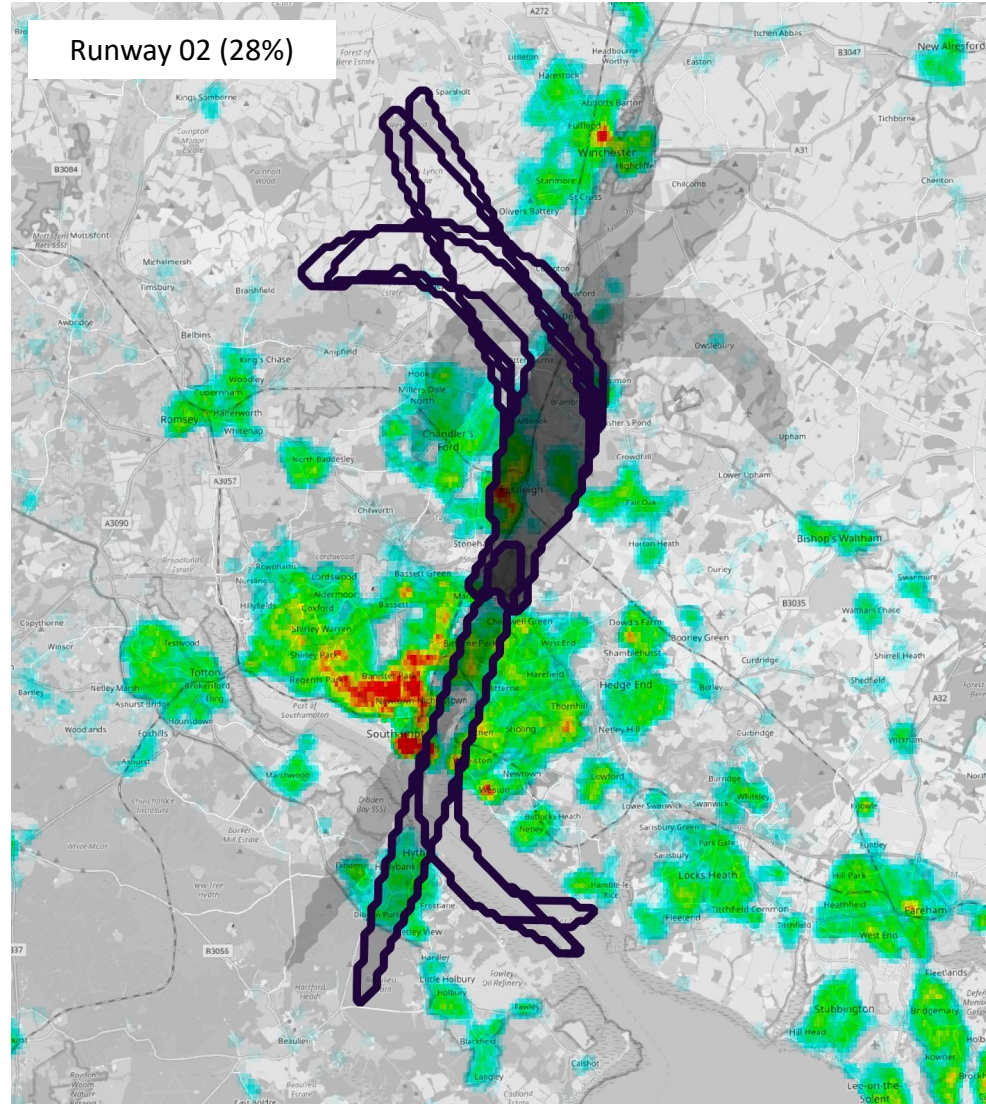
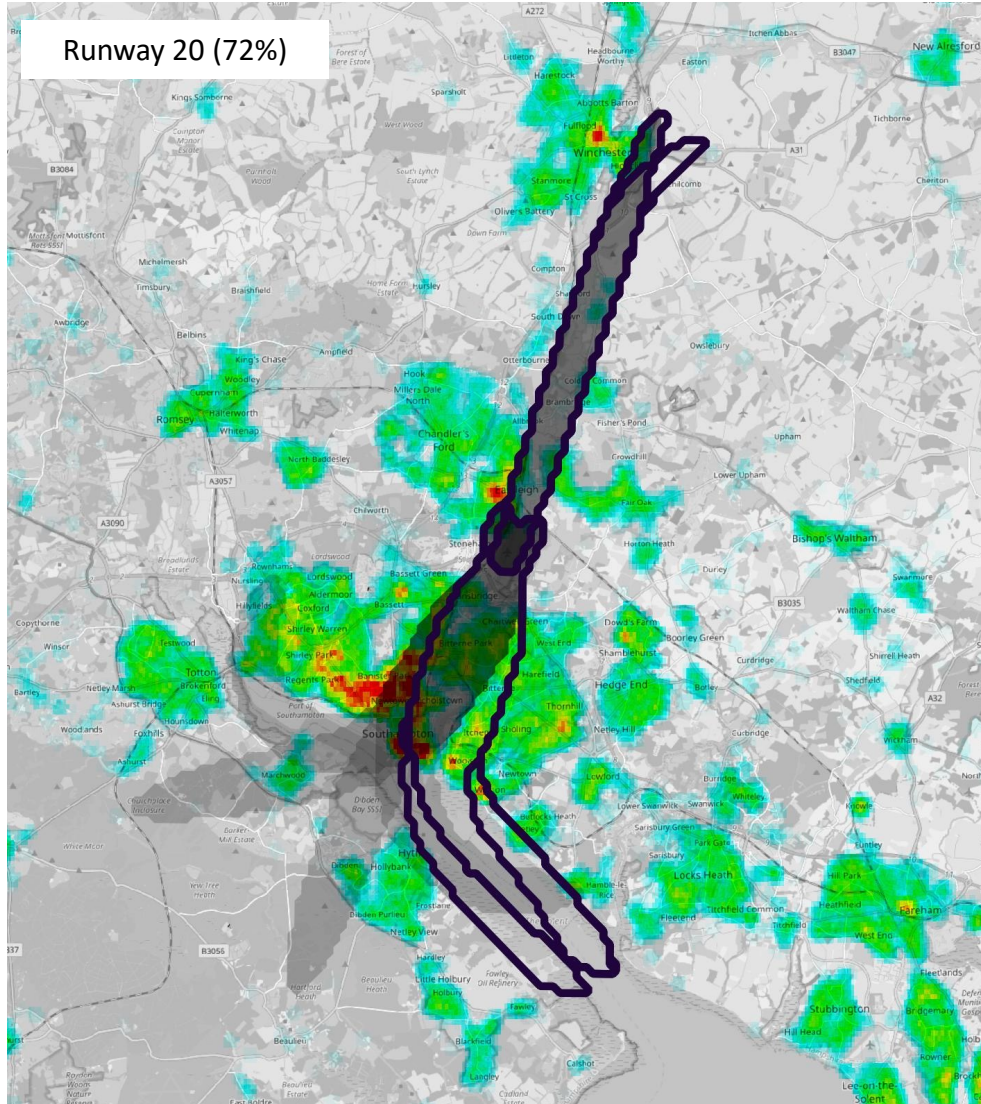
L_AMax 65dB (Day time) – Baseline



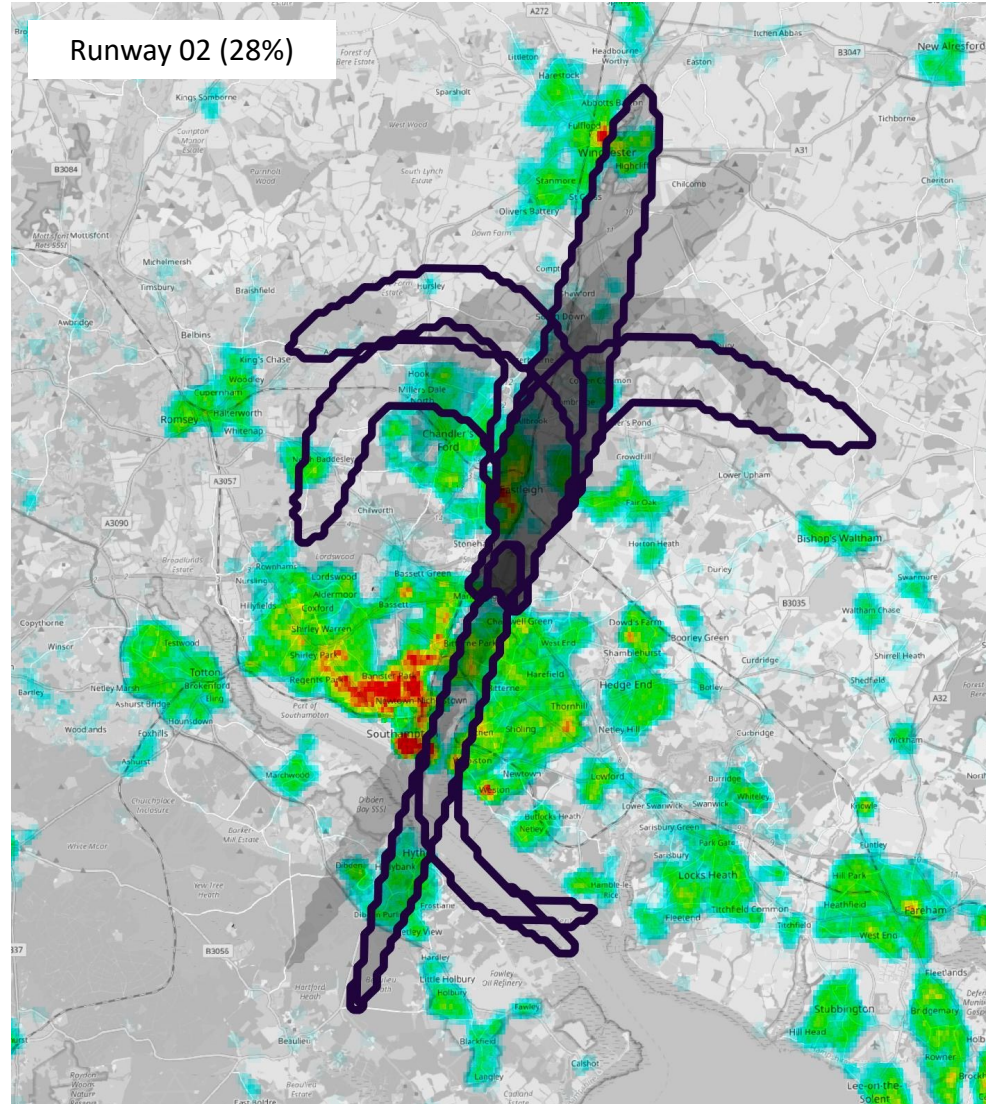
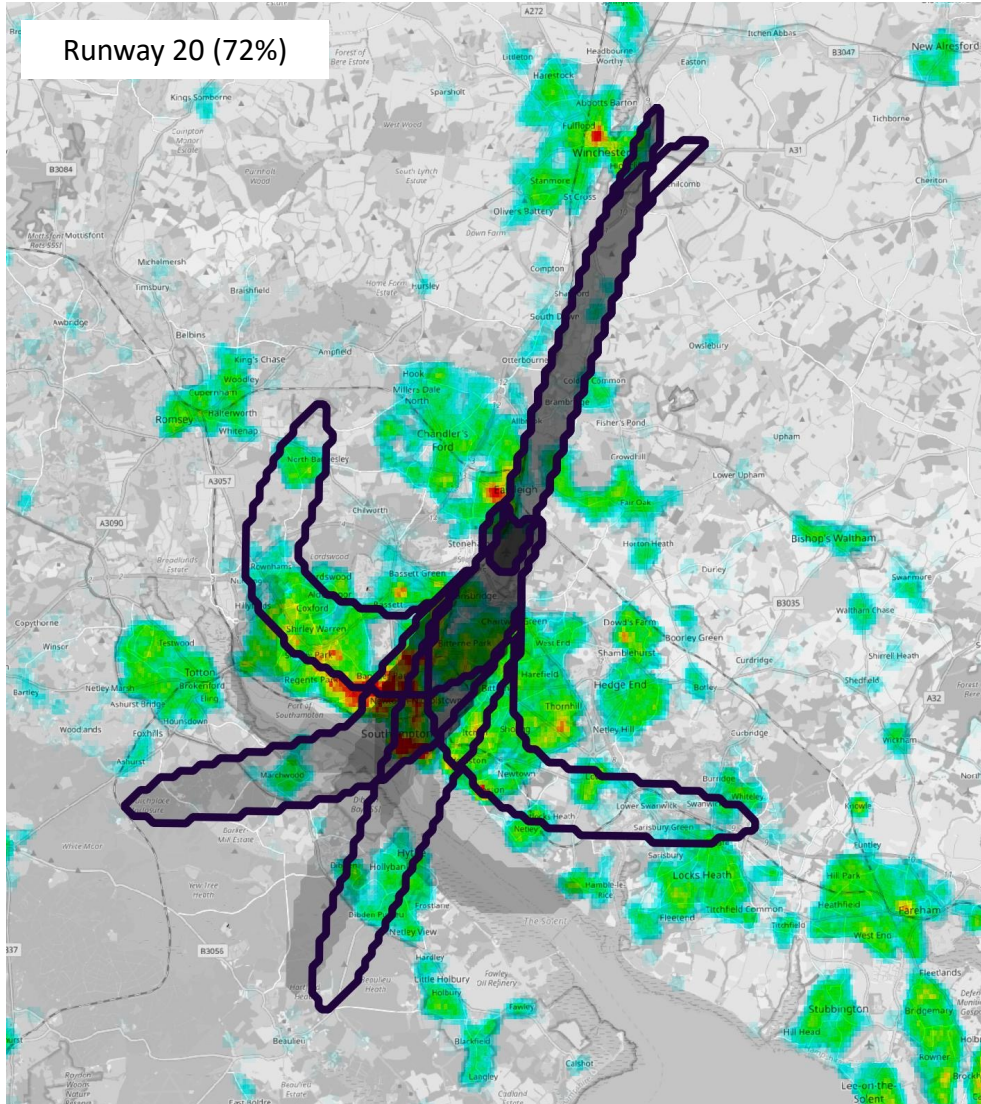
L_AMax 65dB (Day time) – Option 1



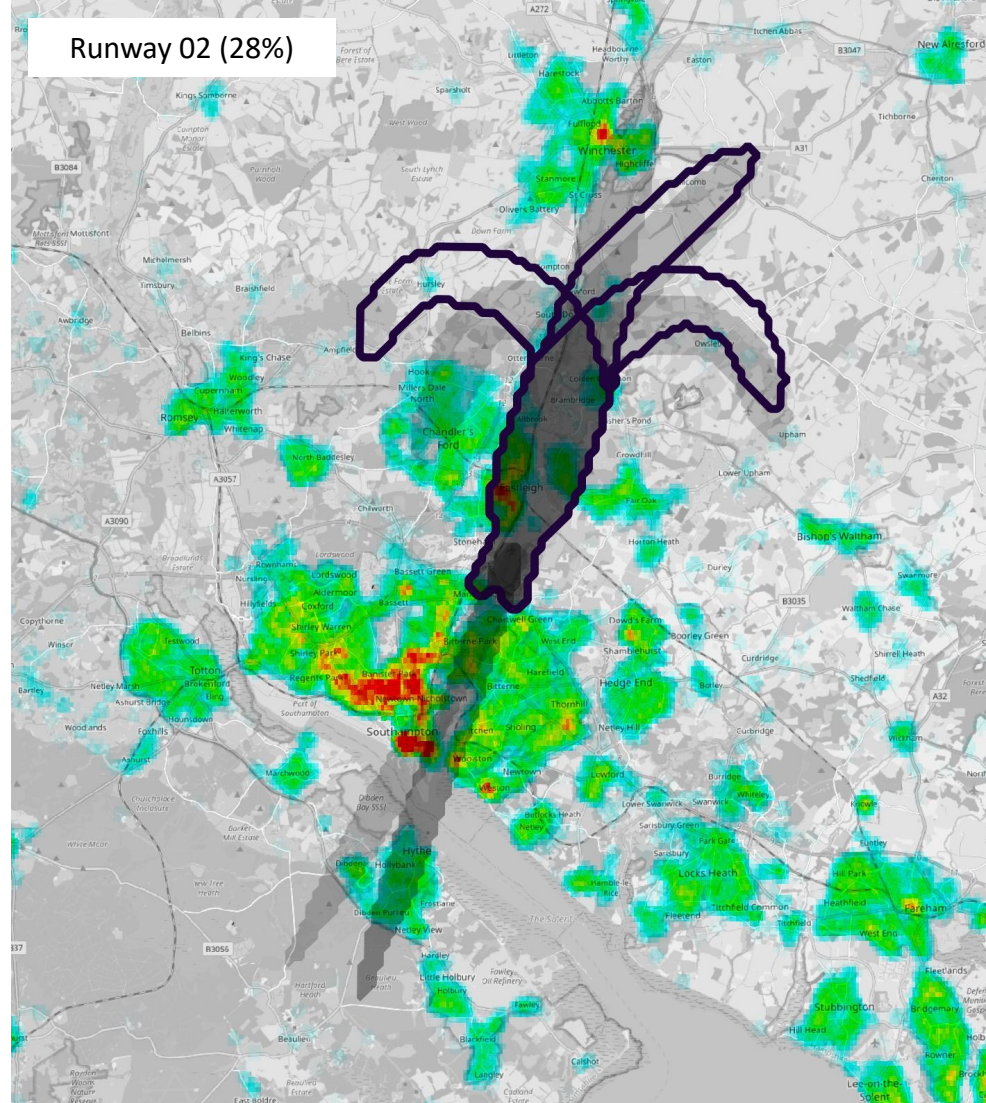
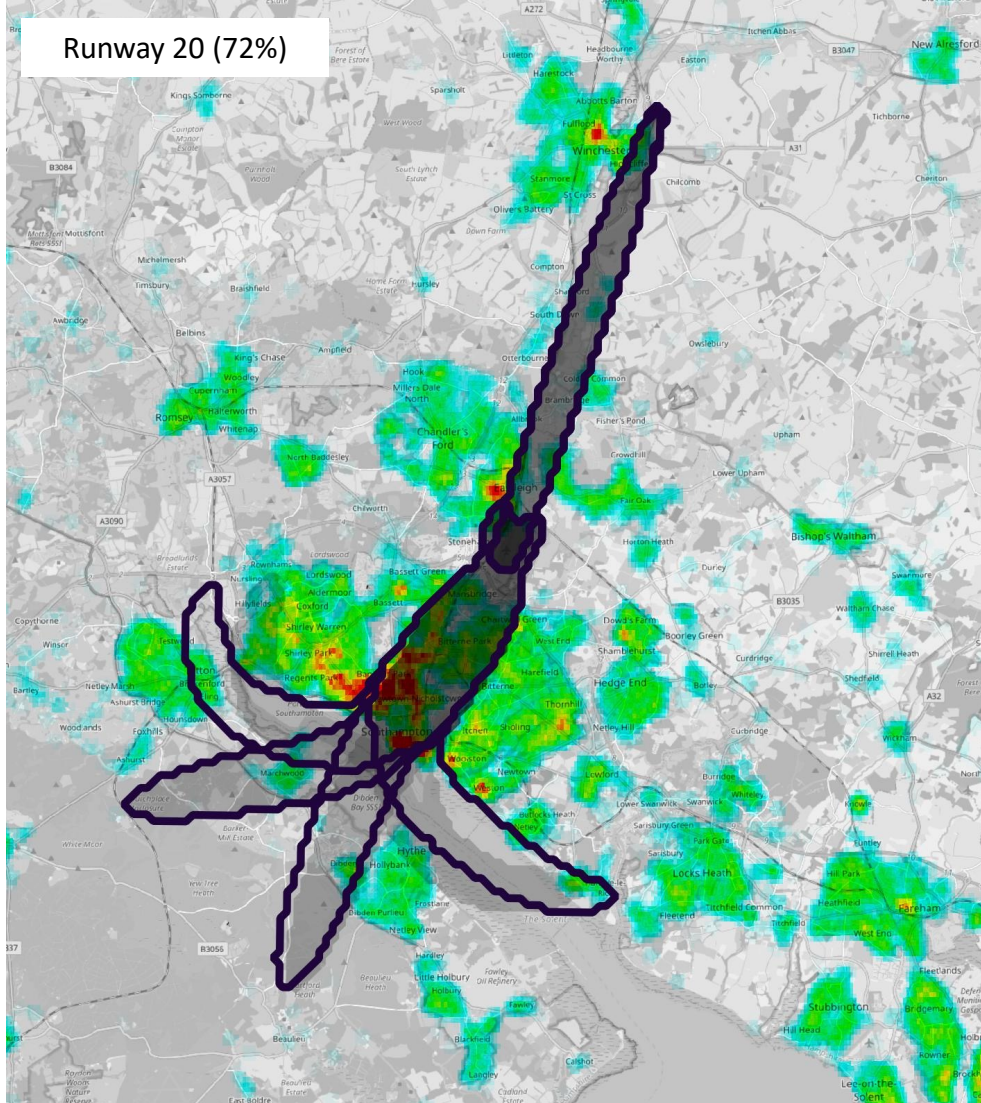
L_{AMax} 65dB (Day time) – Option 3



L_AMax 65dB (Day time) – Option 4



L_AMax 65dB (Day time) – Option 5



L_{AMax} 65dB (Day time) – Option 1

Option 1	Population	AONB Count	AONB Area (km ²)	National Parks Count	National Parks Area (km ²)	Parks and Gardens Count	Parks and Gardens Area (km ²)	Schools Count	Hospitals Count	Carehomes Count	Places of worship Count
Baseline 20 Arrivals											
Runway 20 average baseline arrival from North	5516	0	0	1	7.37	0	0	5	0	6	11
Runway 20 average baseline arrival from South	5516	0	0	1	7.37	0	0	5	0	6	11
Runway 20 average baseline arrival from South East	5516	0	0	1	7.37	0	0	5	0	6	11
Option 1 20 Arrivals											
RWY20 IAP Arrival from South East (1)	5516	0	0	1	7.45	0	0	5	0	6	11
RWY20 IAP Arrival from South (1)	5516	0	0	1	7.45	0	0	5	0	6	11
RWY20 IAP Arrival from North (1)	5516	0	0	1	7.37	0	0	5	0	6	11
RWY20 IAP Arrival from North (2)	5516	0	0	1	7.45	0	0	5	0	6	11
Baseline 02 Arrivals											
Runway 02 average baseline arrival from North	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline RNP arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline NDB/DME arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline VOR/DME arrival from South	15790	0	0	1	3.44	2	0.13	15	0	6	31
Runway 02 average baseline arrival from South East	15971	0	0	1	1.53	1	0.09	13	1	11	13
Option 1 02 Arrivals											
RWY02 IAP RF Arrival from South East (1)	15971	0	0	1	1.53	1	0.09	13	1	11	13
RWY02 IAP RF Arrival from North (1)	15971	0	0	1	1.53	1	0.09	13	1	11	13
RWY02 IAP Arrival from South (1)	15971	0	0	1	1.53	1	0.09	13	1	11	13
Baseline 20 Departures											
Runway 20 average baseline north	41331	0	0	0	0	2	0.35	37	2	24	66
Runway 20 average baseline south	19305	0	0	1	2.14	1	0.86	15	0	13	16
Runway 20 average baseline south east	13896	0	0	1	13.8	0	0	13	0	8	16
Runway 20 average baseline south west	19305	0	0	1	2.14	1	0.86	15	0	13	16
Option 1 20 Departures											
RWY20 SID South West (1)	39287	0	0	1	6.14	2	0.35	30	2	31	68
RWY20 SID South (1)	38214	0	0	1	7.86	2	0.35	31	2	29	66
RWY20 SID South East (1)	38802	0	0	0	0	3	0.74	28	2	29	66
RWY20 SID North (1)	40012	0	0	0	0	2	0.35	31	2	30	69
Baseline 02 Departures											
Runway 02 average baseline north (Good climbers)	18267	0	0	1	10.24	0	0	16	0	15	30
Runway 02 average baseline north (Slower climbers)	14547	0	0	1	14.22	0	0	12	0	10	16
Runway 02 average baseline south	19305	0	0	1	2.14	1	0.86	15	0	13	16
Runway 02 average baseline south east	13896	0	0	1	13.8	0	0	13	0	8	16
Runway 02 average baseline south west	19305	0	0	1	2.14	1	0.86	15	0	13	16
Option 1 02 Departures											
RWY02 SID South West (3)	14314	0	0	1	1.85	0	0	12	0	11	14
RWY02 SID North (1)	14318	0	0	1	14.01	0	0	12	0	10	16
RWY02 SID South East (1)	13888	0	0	1	13.91	0	0	12	0	9	17
RWY02 SID South (1)	14314	0	0	1	1.85	0	0	12	0	11	14

L_{AMax} 65dB (Day time) – Option 3

Option 3	Population	AONB Count	AONB Area (km ²)	National Parks Count	National Parks Area (km ²)	Parks and Gardens Count	Parks and Gardens Area (km ²)	Schools Count	Hospitals Count	Carehomes Count	Places of worship Count
Baseline 20 Arrivals											
Runway 20 average baseline arrival from North	5516	0	0	1	7.37	0	0	5	0	6	11
Runway 20 average baseline arrival from South	5516	0	0	1	7.37	0	0	5	0	6	11
Runway 20 average baseline arrival from South East	5516	0	0	1	7.37	0	0	5	0	6	11
Option 3 20 Arrivals											
RWY20 IAP Arrival from South East (1)	5516	0	0	1	7.45	0	0	5	0	6	11
RWY20 IAP Arrival from North (2)	5516	0	0	1	7.45	0	0	5	0	6	11
RWY20 IAP RF Arrival from North (4)	4386	0	0	1	8.35	1	0.01	5	0	6	11
RWY20 IAP RF Arrival from South (2)	4386	0	0	1	8.35	1	0.01	5	0	6	11
Baseline 02 Arrivals											
Runway 02 average baseline arrival from North	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline RNP arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline NDB/DME arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline VOR/DME arrival from South	15790	0	0	1	3.44	2	0.13	15	0	6	31
Runway 02 average baseline arrival from South East	15971	0	0	1	1.53	1	0.09	13	1	11	13
Option 3 02 Arrivals											
RWY02 IAP RF Arrival from South East (1)	15971	0	0	1	1.53	1	0.09	13	1	11	13
RWY02 IAP RF Arrival from North (1)	15971	0	0	1	1.53	1	0.09	13	1	11	13
RWY02 IAP Arrival from South (1)	15971	0	0	1	1.53	1	0.09	13	1	11	13
RWY02 IAP RNP AR Arrival from North (3)	11018	0	0	0	0	1	0.09	7	0	7	9
RWY02 IAP RNP AR Arrival from South (2)	11018	0	0	0	0	1	0.09	7	0	7	9
RWY02 IAP RNP AR Arrival from South East (2)	11018	0	0	0	0	1	0.09	7	0	7	9
RWY02 IAP RNP AR Arrival from North (5)	11018	0	0	0	0	1	0.09	7	0	7	9
Baseline 20 Departures											
Runway 20 average baseline north	41331	0	0	0	0	2	0.35	37	2	24	66
Runway 20 average baseline south	19305	0	0	1	2.14	1	0.86	15	0	13	16
Runway 20 average baseline south east	13896	0	0	1	13.8	0	0	13	0	8	16
Runway 20 average baseline south west	19305	0	0	1	2.14	1	0.86	15	0	13	16
Option 3 20 Departures											
RWY20 SID North (2)	31692	0	0	1	0.06	2	0.2	26	1	23	47
RWY20 SID South (2)	33450	0	0	0	0	3	0.46	27	1	27	49
RWY20 SID South East (2)	33450	0	0	0	0	3	0.46	27	1	27	49
Baseline 02 Departures											
Runway 02 average baseline north (Good climbers)	18267	0	0	1	10.24	0	0	16	0	15	30
Runway 02 average baseline north (Slower climbers)	14547	0	0	1	14.22	0	0	12	0	10	16
Runway 02 average baseline south	19305	0	0	1	2.14	1	0.86	15	0	13	16
Runway 02 average baseline south east	13896	0	0	1	13.8	0	0	13	0	8	16
Runway 02 average baseline south west	19305	0	0	1	2.14	1	0.86	15	0	13	16
Option 3 02 Departures											
RWY02 SID North (3)	13014	0	0	1	0.85	1	0.58	11	0	11	14
RWY02 SID South (2)	13897	0	0	1	1.77	1	0	11	0	11	13
RWY02 SID South West (1)	13432	0	0	1	0.99	1	0.33	12	0	11	15
RWY02 SID South East (2)	12888	0	0	1	0.51	1	0.94	10	1	11	14

L_{AMax} 65dB (Day time) – Option 4

Option 4	Population	AONB Count	AONB Area (km ²)	National Parks Count	National Parks Area (km ²)	Parks and Gardens Count	Parks and Gardens Area (km ²)	Schools Count	Hospitals Count	Carehomes Count	Places of worship Count
Baseline 20 Arrivals											
Runway 20 average baseline arrival from North	5516	0	0	1	7.37	0	0	5	0	6	11
Runway 20 average baseline arrival from South	5516	0	0	1	7.37	0	0	5	0	6	11
Runway 20 average baseline arrival from South East	5516	0	0	1	7.37	0	0	5	0	6	11
Option 4 20 Arrivals											
RWY20 IAP RF Arrival from South East (2)	4386	0	0	1	8.35	1	0.01	5	0	6	11
RWY20 IAP RF Arrival from South (2)	4386	0	0	1	8.35	1	0.01	5	0	6	11
RWY20 IAP Arrival from North (5)	5516	0	0	1	7.33	0	0	5	0	6	11
Baseline 02 Arrivals											
Runway 02 average baseline arrival from North	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline RNP arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline NDB/DME arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline VOR/DME arrival from South	15790	0	0	1	3.44	2	0.13	15	0	6	31
Runway 02 average baseline arrival from South East	15971	0	0	1	1.53	1	0.09	13	1	11	13
Option 4 02 Arrivals											
RWY02 IAP RF Arrival from South East (3)	16013	0	0	1	1.73	1	0.09	13	1	11	13
RWY02 IAP RF Arrival from North (6)	16013	0	0	1	1.73	1	0.09	13	1	11	13
RWY02 IAP RNP AR Arrival from South East (2)	11018	0	0	0	0	1	0.09	7	0	7	9
RWY02 IAP RNP AR Arrival from North (3)	11018	0	0	0	0	1	0.09	7	0	7	9
RWY02 IAP Arrival from South (1)	15971	0	0	1	1.53	1	0.09	13	1	11	13
Baseline 20 Departures											
Runway 20 average baseline north	41331	0	0	0	0	2	0.35	37	2	24	66
Runway 20 average baseline south	19305	0	0	1	2.14	1	0.86	15	0	13	16
Runway 20 average baseline south east	13896	0	0	1	13.8	0	0	13	0	8	16
Runway 20 average baseline south west	19305	0	0	1	2.14	1	0.86	15	0	13	16
Option 4 20 Departures											
RWY20 SID South (3)	39149	0	0	1	4.79	2	0.3	36	3	23	60
RWY20 SID North (3)	47101	0	0	0	0	2	0.23	46	6	44	58
RWY20 SID South West (1)	39287	0	0	1	6.14	2	0.35	30	2	31	68
RWY20 SID South East (3)	35791	0	0	0	0	1	0.12	34	1	30	46
Baseline 02 Departures											
Runway 02 average baseline north (Good climbers)	18267	0	0	1	10.24	0	0	16	0	15	30
Runway 02 average baseline north (Slower climbers)	14547	0	0	1	14.22	0	0	12	0	10	16
Runway 02 average baseline south	19305	0	0	1	2.14	1	0.86	15	0	13	16
Runway 02 average baseline south east	13896	0	0	1	13.8	0	0	13	0	8	16
Runway 02 average baseline south west	19305	0	0	1	2.14	1	0.86	15	0	13	16
Option 4 02 Departures											
RWY02 SID South (3)	19326	0	0	0	0	1	0.99	18	1	14	19
RWY02 SID South East (3)	13603	0	0	1	13.93	0	0	10	0	8	15
RWY02 SID North (4)	18267	0	0	1	10.19	0	0	16	0	15	30
RWY02 SID South West (2)	13799	0	0	1	0.7	1	0.49	12	1	11	16

L_{AMax} 65dB (Day time) – Option 5

Option 5	Population	AONB Count	AONB Area (km ²)	National Parks Count	National Parks Area (km ²)	Parks and Gardens Count	Parks and Gardens Area (km ²)	Schools Count	Hospitals Count	Carehomes Count	Places of worship Count
Baseline 20 Arrivals											
Runway 20 average baseline arrival from North	5516	0	0	1	7.37	0	0	5	0	6	11
Runway 20 average baseline arrival from South	5516	0	0	1	7.37	0	0	5	0	6	11
Runway 20 average baseline arrival from South East	5516	0	0	1	7.37	0	0	5	0	6	11
Option 5 20 Arrivals											
RWY20 IAP Arrival from South East (1)	5516	0	0	1	7.45	0	0	5	0	6	11
RWY20 IAP Arrival from South (1)	5516	0	0	1	7.45	0	0	5	0	6	11
RWY20 IAP Arrival from North (2)	5516	0	0	1	7.45	0	0	5	0	6	11
RWY20 IAP Arrival from North (3)	5516	0	0	1	7.33	0	0	5	0	6	11
Baseline 02 Arrivals											
Runway 02 average baseline arrival from North	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline RNP arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline NDB/DME arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline VOR/DME arrival from South	15790	0	0	1	3.44	2	0.13	15	0	6	31
Runway 02 average baseline arrival from South East	15971	0	0	1	1.53	1	0.09	13	1	11	13
Option 5 02 Arrivals											
Runway 02 average baseline arrival from North	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline RNP arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline NDB/DME arrival from South	15971	0	0	1	1.53	1	0.09	13	1	11	13
Runway 02 average baseline arrival from South East	15971	0	0	1	1.53	1	0.09	13	1	11	13
Baseline 20 Departures											
Runway 20 average baseline north	41331	0	0	0	0	2	0.35	37	2	24	66
Runway 20 average baseline south	19305	0	0	1	2.14	1	0.86	15	0	13	16
Runway 20 average baseline south east	13896	0	0	1	13.8	0	0	13	0	8	16
Runway 20 average baseline south west	19305	0	0	1	2.14	1	0.86	15	0	13	16
Option 5 20 Departures											
RWY20 SID South West (1)	39287	0	0	1	6.14	2	0.35	30	2	31	68
RWY20 SID South (1)	38214	0	0	1	7.86	2	0.35	31	2	29	66
RWY20 SID South East (1)	38802	0	0	0	0	3	0.74	28	2	29	66
RWY20 SID North (1)	40012	0	0	0	0	2	0.35	31	2	30	69
Baseline 02 Departures											
Runway 02 average baseline north (Good climbers)	18267	0	0	1	10.24	0	0	16	0	15	30
Runway 02 average baseline north (Slower climbers)	14547	0	0	1	14.22	0	0	12	0	10	16
Runway 02 average baseline south	19305	0	0	1	2.14	1	0.86	15	0	13	16
Runway 02 average baseline south east	13896	0	0	1	13.8	0	0	13	0	8	16
Runway 02 average baseline south west	19305	0	0	1	2.14	1	0.86	15	0	13	16
Option 5 02 Departures											
RWY02 SID South West (3)	14314	0	0	1	1.85	0	0	12	0	11	14
RWY02 SID North (1)	14318	0	0	1	14.01	0	0	12	0	10	16
RWY02 SID South East (1)	13888	0	0	1	13.91	0	0	12	0	9	17
RWY02 SID South (1)	14314	0	0	1	1.85	0	0	12	0	11	14

Track Mileage – Option 1

Baseline		Average Track Miles (nm)	% Traffic Split Direction	Weighted outcome	20/02 Arr/Dep Total	Baseline overall
20 Arr	20A South (Baseline)	51.0	38.0	1938.0	4148.5	
	20A North (Baseline)	36.5	41.0	1496.5		
	20A South East (Baseline)	34.0	21.0	714.0		
02 Arr	02A RNP from South_Average baseline track (Most frequently used)	29.5	38.0	1121.0	3474.5	
	02A NDB/DME_Average baseline track	29.0		0.0		
	02A VOR/DME_Average baseline track (Due to VOR rationalisation, this approach will be withdrawn)					
	02A RNP from North_Average baseline track	40.5	41.0	1660.5		
	02A RNP from South East_Average baseline track	33.0	21.0	693.0		
20 Dep	20D North_Baseline Average Centreline	43.0	41.0	1763.0	3418.0	
	20D South East_Baseline Average Centreline	30.0	21.0	630.0		
	20D South_Baseline Average Centreline	27.5	36.0	990.0		
	20D South West_Baseline Average Centreline	17.5	2.0	35.0		
02 Dep	02D North Good climbers_Baseline Average Centreline	33.5		0.0	3036.0	
	02D North Slower climbers_Baseline Average Centreline	34.5	41.0	1414.5		
	02D South_Baseline Average Centreline	27.0	36.0	972.0		
	02D East_Baseline Average Centreline	28.5	21.0	598.5		
	02D South West_Baseline Average Centreline	25.5	2.0	51.0		
						14077.0

Option 1		Track Mileage	Difference from baseline	% use	Weighted outcome	Total	Option overall
20 Arr	RWY20_IAP_Arrival From South_V1	50.0	-1.0	38.0	1900.0	4208.0	
	RWY20_IAP_Arrival from North_V2 (RNP)	40.0	3.5	16.0	640.0		
	RWY20_IAP_Arrival from North_V1 (RNAV1)	39.0	2.5	25.0	975.0		
	RWY20_IAP_Arrival From South East_V1	33.0	-1.0	21.0	693.0		
02 Arr	RWY02_IAP_From South_V1	29.5	0.0	38.0	1121.0	3505.5	
	RWY02_IAP_RF_From North_V1	41.0	0.5	41.0	1681.0		
	RWY02_IAP_RF_From South East_V1	33.5	0.5	21.0	703.5		
20 Dep	RWY20_SID_North_V1	43.5	0.5	41.0	1783.5	3428.0	
	RWY20_SID_South East_V1	29.5	-0.5	21.0	619.5		
	RWY20_SID_South_V1	27.5	0.0	36.0	990.0		
	RWY20_SID_South West_V1	17.5	0.0	2.0	35.0		
02 Dep	RWY02_SID_North_V1	34.5	0.5	41.0	1414.5	3130.0	
	RWY02_SID_South_V1	29.0	2.0	36.0	1044.0		
	RWY02_SID_South East_V1	29.5	1.0	21.0	619.5		
	RWY02_SID_South West_V3	26.0	0.5	2.0	52.0		
						14271.5	

Track Mileage – Option 3

Baseline		Average Track Miles (nm)	% Traffic Split Direction	Weighted outcome	20/02 Arr/Dep Total	Baseline overall
20 Arr	20A South (Baseline)	51.0	38.0	1938.0	4148.5	
	20A North (Baseline)	36.5	41.0	1496.5		
	20A South East (Baseline)	34.0	21.0	714.0		
02 Arr	02A RNP from South_Average baseline track (Most frequently used)	29.5	38.0	1121.0	0.0	
	02A NDB/DME_Average baseline track	29.0		0.0		
	02A VOR/DME_Average baseline track (Due to VOR rationalisation, this approach will be withdrawn)					
	02A RNP from North_Average baseline track	40.5	41.0	1660.5		
20 Dep	02A RNP from South East_Average baseline track	33.0	21.0	693.0	3474.5	
	20D North_Baseline Average Centreline	43.0	41.0	1763.0	3418.0	
	20D South East_Baseline Average Centreline	30.0	21.0	630.0		
	20D South_Baseline Average Centreline	27.5	36.0	990.0		
20D South West_Baseline Average Centreline	17.5	2.0	35.0			
02 Dep	02D North Good climbers_Baseline Average Centreline	33.5		0.0	3036.0	
	02D North Slower climbers_Baseline Average Centreline	34.5	41.0	1414.5		
	02D South_Baseline Average Centreline	27.0	36.0	972.0		
	02D East_Baseline Average Centreline	28.5	21.0	598.5		
	02D South West_Baseline Average Centreline	25.5	2.0	51.0	14077.0	

Option 3		Track Mileage	Difference from baseline	% use	Weighted outcome	Total	Option overall
20 Arr	RWY20_IAP_RF_Arrival from South_V2	49.0	-2.0	38.0	1862.0	4195.0	
	RWY20_IAP_RF_Arrival from North_V4 (RNP with RF)	44.0	7.5	0.0	0.0		
	RWY20_IAP_Arrival from North_V2 (RNP)	40.0	3.5	41.0	1640.0		
	RWY20_IAP_Arrival From South East_V1	33.0	-1.0	21.0	693.0		
02 Arr	RWY02_IAP_From South_V1	29.5	0.0	38.0	1121.0	3397.6	
	RWY02_IAP_RF_From North_V1	41.0	0.5	34.9	1428.9		
	RWY02_IAP_RF_From South East_V1	33.5	0.5	17.9	598.0		
	RWY02_IAP_RNP-AR_Arrival from South_V2	34.0	4.5	0.0	0.0		
	RWY02_IAP_RNP-AR_Arrival from South East_V2	21.5	-11.5	3.2	67.7		
	RWY02_IAP_RNP-AR_Arrival from North_V3	29.0	-11.5	5.7	166.5		
20 Dep	RWY02_IAP_RNP_AR_Arrival from North_V5	38.0	-2.5	0.4	15.6	4009.5	
	RWY20_SID_North_V2	50.0	7.0	41.0	2050.0	4009.5	
	RWY20_SID_South East_V2	34.5	4.5	21.0	724.5		
RWY20_SID_South_V2	32.5	5.0	38.0	1235.0			
02 Dep	RWY02_SID_North_V3	35.5	1.5	41.0	1455.5	3413.0	
	RWY02_SID_South_V2	30.0	3.0	36.0	1080.0		
	RWY02_SID_South East_V2	39.5	11.0	21.0	829.5		
	RWY02_SID_South West_V1	24.0	-1.5	2.0	48.0		
					15015.1		

Track Mileage – Option 4

Baseline		Average Track Miles (nm)	% Traffic Split Direction	Weighted outcome	20/02 Arr/Dep Total	Baseline overall	
20 Arr	20A South (Baseline)	51.0	38.0	1938.0	4148.5		
	20A North (Baseline)	36.5	41.0	1496.5			
	20A South East (Baseline)	34.0	21.0	714.0			
02 Arr	02A RNP from South_Average baseline track (Most frequently used)	29.5	38.0	1121.0	3474.5		
	02A NDB/DME_Average baseline track	29.0		0.0			
	02A VOR/DME_Average baseline track (Due to VOR rationalisation, this approach will be withdrawn)						0.0
	02A RNP from North_Average baseline track	40.5	41.0	1660.5			
	02A RNP from South East_Average baseline track	33.0	21.0	693.0			
20 Dep	20D North_Baseline Average Centreline	43.0	41.0	1763.0	3418.0		
	20D South East_Baseline Average Centreline	30.0	21.0	630.0			
	20D South_Baseline Average Centreline	27.5	36.0	990.0			
	20D South West_Baseline Average Centreline	17.5	2.0	35.0			
02 Dep	02D North Good climbers_Baseline Average Centreline	33.5		0.0	3036.0		
	02D North Slower climbers_Baseline Average Centreline	34.5	41.0	1414.5			
	02D South_Baseline Average Centreline	27.0	36.0	972.0			
	02D East_Baseline Average Centreline	28.5	21.0	598.5			
	02D South West_Baseline Average Centreline	25.5	2.0	51.0			
					14077.0		

Option 4		Track Mileage (nm)	Difference from baseline	% use	Weighted outcome	Total	Option overall
20 Arr	RWY20_IAP_RF_Arrival from South_V2	49.0	-2.0	38.0	1862.0	3466.0	
	RWY20_IAP_Arrival from North_V5	23.5	-13.0	41.0	963.5		
	RWY20_IAP_RF_Arrival from South East_V2	30.5	-3.5	21.0	640.5		
02 Arr	RWY02_IAP_From South_V1	29.5	0.0	38.0	1121.0	3262.6	
	RWY02_IAP_RNP-AR_Arrival from North_V3 (RNP-AR)	29.0	-11.5	6.2	178.4		
	RWY02_IAP_Arrival from South East_V3	32.0	-1.0	17.9	571.2		
	RWY02_IAP_RNP-AR_Arrival from South East_V2 (RNP-AR)	21.5	-11.5	3.2	67.7		
	North V6	38.0	-2.5	34.9	1324.3		
20 Dep	RWY20_SID_North_V3	40.0	-3.0	41.0	1640.0	3242.5	
	RWY20_SID_South East_V3	27.5	-2.5	21.0	577.5		
	RWY20_SID_South_V3	27.5	0.0	36.0	990.0		
	RWY20_SID_South West_V1	17.5	0.0	2.0	35.0		
02 Dep	RWY02_SID_North_V4	33.5	-0.5	41.0	1373.5	2904.5	
	RWY02_SID_South_V3	25.5	-1.5	36.0	918.0		
	RWY02_SID_South East_V3	27.0	-1.5	21.0	567.0		
	RWY02_SID_South West_V2	23.0	-2.5	2.0	46.0		
					12875.6		

Track Mileage – Option 5

Baseline		Average Track Miles (nm)	% Traffic Split Direction	Weighted outcome	20/02 Arr/Dep Total	Baseline overall	
20 Arr	20A South (Baseline)	51.0	38.0	1938.0	4148.5		
	20A North (Baseline)	36.5	41.0	1496.5			
	20A South East (Baseline)	34.0	21.0	714.0			
02 Arr	02A RNP from South_Average baseline track (Most frequently used)	29.5	38.0	1121.0	3474.5		
	02A NDB/DME_Average baseline track	29.0		0.0			
	02A VOR/DME_Average baseline track (Due to VOR rationalisation, this approach will be withdrawn)						0.0
	02A RNP from North_Average baseline track	40.5	41.0	1660.5			
	02A RNP from South East_Average baseline track	33.0	21.0	693.0			
20 Dep	20D North_Baseline Average Centreline	43.0	41.0	1763.0	3418.0		
	20D South East_Baseline Average Centreline	30.0	21.0	630.0			
	20D South_Baseline Average Centreline	27.5	36.0	990.0			
	20D South West_Baseline Average Centreline	17.5	2.0	35.0			
02 Dep	02D North Good climbers_Baseline Average Centreline	33.5		0.0	3036.0		
	02D North Slower climbers_Baseline Average Centreline	34.5	41.0	1414.5			
	02D South_Baseline Average Centreline	27.0	36.0	972.0			
	02D East_Baseline Average Centreline	28.5	21.0	598.5			
	02D South West_Baseline Average Centreline	25.5	2.0	51.0		14077.0	

Option 5		Track Mileage	Difference from baseline	% use	Weighted outcome	Total	Option overall
20 Arr	RWY20_IAP_Arrival From South_V1	50.0	-1.0	38.0	1900.0	4171.5	
	RWY20_IAP_Arrival from North_V3 (Tactical)	35.0	-1.5	12.3	430.5		
	RWY20_IAP_Arrival from North_V2	40.0	3.5	28.7	1148.0		
	RWY20_IAP_Arrival From South East_V1	33.0	-1.0	21.0	693.0		
02 Arr	02A RNP from South_Average baseline track (Most frequently used)	29.5	29.5	38.0	1121.0	3474.5	
	02A NDB/DME_Average baseline track	29.0			0.0		
	02A RNP from North_Average baseline track	40.5	40.5	41.0	1660.5		
	02A RNP from South East_Average baseline track	33.0	33.0	21.0	693.0		
20 Dep	RWY20_SID_North_V1	43.5	0.5	41.0	1783.5	3428.0	
	RWY20_SID_South East_V1	29.5	-0.5	21.0	619.5		
	RWY20_SID_South_V1	27.5	0.0	36.0	990.0		
	RWY20_SID_South West_V1	17.5	0.0	2.0	35.0		
02 Dep	RWY02_SID_North_V1	34.5	0.5	41.0	1414.5	3130.0	
	RWY02_SID_South_V1	29.0	2.0	36.0	1044.0		
	RWY02_SID_South East_V1	29.5	1.0	21.0	619.5		
	RWY02_SID_South West_V3	26.0	0.5	2.0	52.0		
						14204.0	