

# Farnborough Airport FASI-S ACP

### Stage 2 IOA Technical Appendix

Version	Date	
1.0	September 2024	Original
2.0	November 2024	Page 4 updated following CAA Stage 2 Gateway feedback



All options in this document are subject to change throughout the airspace change process as options are matured in detail and refined in accordance with safety requirements, network integration, design principles, appraisals, stakeholder engagement and consultation.

#### FARNBOROUGH AIRPORT

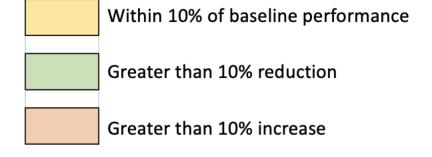
#### Introduction

This technical appendix supplements analysis presented in Farnborough Airport's Stage 2B Initial Options Appraisal submission document.

Further information around the development of the airspace change options, our methodology for appraisal, and the assessments undertaken for each option, are included in our Stage 2A and Stage 2B documents published on the CAA Airspace Change Portal.

Please note that all options are subject to change and refinement as we progress through the airspace change process.

Data is shown relative to the baseline, where the baseline is 100%. Owing to the immaturity of the designs and uncertainty within the wider network designs at this stage, outcomes have been categorised according to the shading to the right



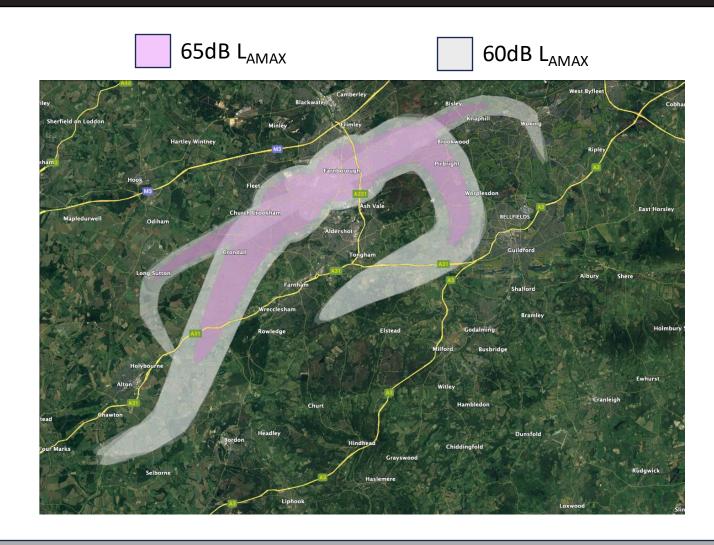


### GLEX 60dB L<sub>AMAX</sub> and 65dB L<sub>AMAX</sub>



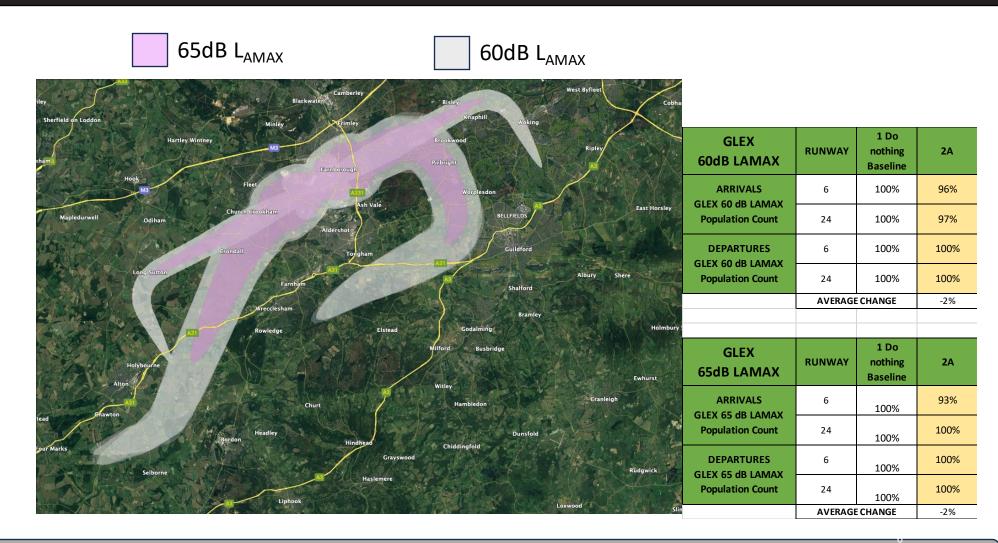
### Option 1 (Do Nothing)





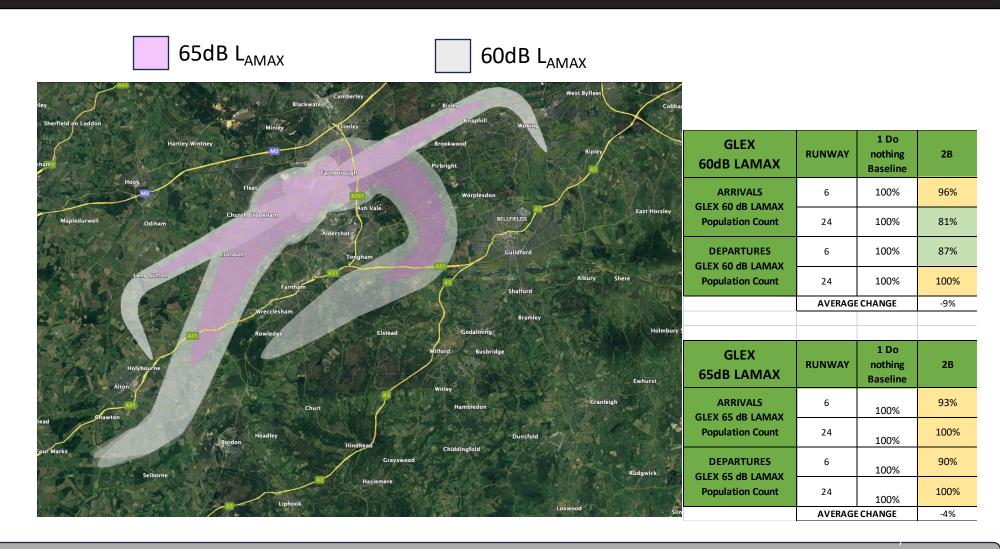
### Option 2A





#### Option 2B





### Option 3A





#### With low level EGKB routes

RUNWAY

**GLEX** 

**60dB LAMAX** 

1 Do

nothing

3A

		Baseline	
ARRIVALS GLEX 60 dB LAMAX	6	100%	99%
Population Count	24	100%	97%
DEPARTURES GLEX 60 dB LAMAX	6	100%	126%
Population Count	24	100%	108%
	AVERAGE	CHANGE	8%
GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	3A
ARRIVALS GLEX 65 dB LAMAX	6	100%	94%
Population Count	24	100%	100%
DEPARTURES GLEX 65 dB LAMAX	6	100%	96%
Population Count	24	4000/	103%
		100%	

#### Without low level EGKB routes

erfield on Loddon	Minley	Knaphill Woking	$\mathcal{K}$				
Hartley Wintney	M3	Brookwood Ripley Pirtriight		GLEX 60dB LAMAX	RUNWAY	1 Do nothing Baseline	3A
Hook Flee	et	Worplesdon		ARRIVALS GLEX 60 dB LAMAX	6	100%	98%
Mapledurwell Odiham Church C	rookham Aldershot	BELLFIELDS	East Horsley	Population Count	24	100%	97%
Grandall	longham	Guildford		DEPARTURES GLEX 60 dB LAMAX	6	100%	133%
Long Sutton	Farriham	Albury Shalford	Shere	Population Count	24	100%	94%
	Wrecclesham				AVERAGE	CHANGE	6%
	Rowledge Elstead	Bramley	Holmbury				
Holybourne		Millford Busbridge	Ewhurst	GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	3A
Rhawton Chawton	Churt	Witley  Hambledon  Cranlei	gh	ARRIVALS GLEX 65 dB LAMAX	6	100%	93%
	Headley	Dunsfold		Population Count	24	100%	100%
Marks	Grayswood	Chiddingfold	Rüdgwick	DEPARTURES GLEX 65 dB LAMAX	6	100%	96%
	Haslemere Liphook			Population Count	24	100%	81%
		Loxwood	Slir		AVERAGE	CHANGE	-8%

version 2.0

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### Option 3B





#### With low level EGKB routes

RUNWAY

**GLEX** 

60dB LAMAX

1 Do

nothing

3B

OOGD LAWAX		Baseline	
ARRIVALS GLEX 60 dB LAMAX	6	100%	99%
Population Count	24	100%	81%
DEPARTURES GLEX 60 dB LAMAX	6	100%	126%
Population Count	24	100%	108%
	AVERAGE	CHANGE	4%
GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	3B
65dB LAMAX  ARRIVALS	RUNWAY 6	nothing	<b>3B</b> 94%
65dB LAMAX		nothing Baseline	
ARRIVALS GLEX 65 dB LAMAX Population Count DEPARTURES	6	nothing Baseline	94%
65dB LAMAX  ARRIVALS GLEX 65 dB LAMAX Population Count	6 24	nothing Baseline 100%	94%

#### Without low level EGKB routes

Minley	rimley Woking					
Hartley Wintney M3	Brookwood Pirtoriaht	Ripley	GLEX 60dB LAMAX	RUNWAY	1 Do nothing Baseline	3B
Fleet	Worplesdon		ARRIVALS GLEX 60 dB LAMAX	6	100%	98%
Church Grookham	Ash Vale  BELLFIELDS	East Horsley	Population Count	24	100%	81%
Grondall	Tongham	No.	DEPARTURES	6	100%	133%
On Farnham	A3 Shalford	Albury Shere	GLEX 60 dB LAMAX Population Count	24	100%	94%
Wrecclesham				AVERAGE	CHANGE	2%
Rowledge	Elstead Godalming	Holmbury				
	Milford Busbridge	Ewhurst	GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	3B
	Witley					222/
Churt	Hambledon	Cranleigh	ARRIVALS	6	100%	93%
Churt Headley	Dunsfold	Granleigh	ARRIVALS GLEX 65 dB LAMAX Population Count	24	100%	100%
Headley Headley			GLEX 65 dB LAMAX Population Count  DEPARTURES			
Headley	Dunsfold Chiddingfold Grayswood Haslemere	Cranleigh  Rüdgwick	GLEX 65 dB LAMAX Population Count	24	100%	100%

### Option 4A





#### With low level EGKB routes

**GLEX** 

1 Do

nothing

60dB LAMAX	KOWAI	Baseline	70
ARRIVALS GLEX 60 dB LAMAX	6	100%	100%
Population Count	24	100%	97%
DEPARTURES GLEX 60 dB LAMAX	6	100%	126%
Population Count	24	100%	108%
	AVERAGE	CHANGE	8%
GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	4A
65dB LAMAX  ARRIVALS	RUNWAY 6	nothing	<b>4A</b> 95%
65dB LAMAX		nothing Baseline	
ARRIVALS GLEX 65 dB LAMAX Population Count DEPARTURES	6	nothing Baseline	95%
65dB LAMAX  ARRIVALS GLEX 65 dB LAMAX Population Count	6 24	nothing Baseline	95%

#### Without low level EGKB routes

Tenthorney  Tentho	rfield on Loddon	Minley	Eimley	Knaphill				0 0.000
ARRIVALS GLEX 60 dB LAMAX Population Count  Linghange  Charling  Linding  Lind		y M3			Ripley	RUNWAY	nothing	<b>4A</b>
Altershore   Cross   C	Hook M3	Fleet	A331	Worplesdon		6	100%	99%
Taring Country  Landy Grant Country  Lightopte  Listed  Codal mining  Listed  Codal mini	Mapledurwell Odiham	Church Crookham	Aldershot	BELLFIELDS	East Horsley	24	100%	97%
Earnily Shalford  Albuly Sherk Population Count  24 100% 93%  AVERAGE CHANGE 6%  AVERAGE		Grondall		Guildford		6	100%	133%
Rowledge Estead Godalming Hollmbury GLEX GLEX RUNWAY nothing Baseline  Witley Hambiedon Grayswood Chiddingfold  Crayswood Chiddingfold  Crayswood Chiddingfold  Runway 1 Do nothing Baseline  ARRIVALS GLEX 65 dB LAMAX Population Count 24 100%  DEPARTURES GLEX 65 dB LAMAX Population Count 24 100%  Baseline Chiddingfold	Long Sutton	Farnham	A31	ASI	Albury Shere	24	100%	93%
Holybourne  Halford  Rowledge  Eistead  Codalming  Holybourne  Holybourne  Holybourne  Holybourne  Churt  Hambledon  Churt  Hambledon  Crayswood  Chiddingfold  Chiddingfold		Wrecclesham				AVERAGE	CHANGE	6%
Helybourne  Alton  Headley  Hindhead  Crayswood  Crayswood  Haslemere  Haslemere  Milford  Busbridge  GLEX  GSLEX  GSLB LAMAX  RUNWAY  Busbridge  GSC RUNWAY  Busbridge  GREX  GSLB LAMAX  ARRIVALS  GLEX 65 dB LAMAX  Population Count  24  100%  100			No. of the state of		Halmbury			
Churt Hambledon Cranleigh ARRIVALS GLEX 65 dB LAMAX Population Count 24 100%  Selborne Haslemere Rudgwick Liphook  ARRIVALS GLEX 65 dB LAMAX Population Count 24 100%  DEPARTURES GLEX 65 dB LAMAX Population Count 24 100%  Bordon Haslemere 24 100%  Bordon Haslemere 24 100%  DEPARTURES GLEX 65 dB LAMAX Population Count 24 100%		Aowiede		Allford Busbridge	Ewhurst	RUNWAY	nothing	4A
Population Count 24 100%  Berdon Headley Chiddingfold Crayswood Crayswood Chiddingfold Crayswood Crayswood Chiddingfold Crayswood Chiddingfold Count Crayswood Crayswood Chiddingfold Count Crayswood Crayswood Chiddingfold Count Crayswood Crayswood Chiddingfold Count Crayswood Crayswood Chiddingfold Crayswood Chiddingfold Crayswood Chiddingfold Count Crayswood Crayswood Chiddingfold Crayswood Chiddingfold Count Crayswood Chiddingfold Count Crayswood Chiddingfold Crayswood Chiddingfold Count Crayswood Chiddingfold Count Crayswood Chiddingfold Crayswood Chiddingfold Count Crayswood Chiddingfold	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Chur			Cranleigh	6	100%	94%
Grayswood  Rudgwick  GLEX 65 dB LAMAX Population Count  Liphook  Population Count  Basemere  Basemere  DEPARTURES 6 100% 100% 81%		Headley Bordon	Hindhead			24	100%	100%
Population Count 24 100% 81%	Selborne		Grayswood	Chiddingfold	Rüdgwick	6	100%	96%
Slin AVERAGE CHANGE -7%		Liphook	Haslemere			 24	100%	81%
			<b>《李子》()</b> 《李子》	Lo	swood - Slin	AVERAGE	CHANGE	-7%

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### Option 4B





#### With low level EGKB routes

RUNWAY

**GLEX** 

1 Do

nothing

4B

600B LAWAX		Baseline	
ARRIVALS GLEX 60 dB LAMAX	6	100%	100%
Population Count	24	100%	82%
DEPARTURES GLEX 60 dB LAMAX	6	100%	126%
Population Count	24	100%	108%
	AVERAGE	CHANGE	4%
GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	4B
65dB LAMAX  ARRIVALS	RUNWAY 6	nothing	<b>4B</b> 95%
65dB LAMAX		nothing Baseline	
ARRIVALS GLEX 65 dB LAMAX Population Count DEPARTURES	6	nothing Baseline	95%
65dB LAMAX  ARRIVALS GLEX 65 dB LAMAX Population Count	6 24	nothing Baseline 100%	95%

#### Without low level EGKB routes

Harrier Winner  Britiscopy  Characteristic  ARRIVALS  GLEX GORB LAMAX  RUNWAY  Baseline  ARRIVALS  GLEX 60 dB LAMAX  Population Count  Albury  Sheet  Brailey  Hollmbury  Characteristic  ARRIVALS  GLEX 60 dB LAMAX  Population Count  Albury  Sheet  Brailey  Hollmbury  GLEX 60 dB LAMAX  Population Count  AVERAGE CHANGE  24  100%  133%  GLEX 65 dB LAMAX  Population Count  AVERAGE CHANGE  2%  AVERAGE CHANGE  AVERAGE CHANGE  AVERAGE CHANGE  AVERAGE CHANGE  ARRIVALS  GLEX 65 dB LAMAX  Population Count  AVERAGE CHANGE  ARRIVALS  GLEX 65 dB LAMAX  Baseline  ARRIVALS  GLEX 65 dB LAMAX  Population Count  24  100%  100%	erfield on Loddon	Minley	imley	Knaphill				20.000
Majoretures Column Alder the East No. She St. Column Scriptor Count Control Count Co	Hartley Wintney	M3			Ripley	RUNWAY	nothing	4B
Alberty Sharked  Aller host Sharked  Average Change  Average C	Hook M3	Fleet	A531	Worplesdon		6	100%	99%
BEPARTURES GLEX 60 dB LAMAX Population Count  Albury Sheex Population Count  AVERAGE CHANGE  AVERAGE CHANGE  Writer  Writer  Writer  Writer  Codalming  Writer  Writer  Chutt  Mambledon  Chutt			Ash Vale	BELLFIELDS	East Horsley	24	100%	81%
Shallord  Shallord  Shallord  Shallord  Shallord  Shallord  Albuty Sheek  Population Count  24 100% 94%  AVERAGE CHANGE  2%  AVERAGE CHANGE  2%  AVERAGE CHANGE  2%  AVERAGE CHANGE  1 Do nothing Baseline  Shallord  AVERAGE CHANGE  AVERAGE CHANGE  2%  AVERAGE CHANGE  2%  AVERAGE CHANGE  1 Do nothing Baseline  ARRIVALS  GEAL ARRIVALS  GEAL ARRIVALS  GEAL ARRIVALS  GEAL ARRIVALS  GELX 65 dB LAMAX  Population Count  24 100%  94%  100%  94%  100%	G	trondall	Tongham	Guildford		6	100%	133%
Rowledge Eistead Codalming Holmbury  GLEX GLEX RUNWAY nothing Baseline  Wittey Hambiedon  Churt Hambiedon  Churt Hambiedon  Churt Hambiedon  Churt Hambiedon  Chiddingfold  Crayswood  Cray	Long Sutton	Farnham		AS	Albury Shere	24	100%	94%
Rowledge Elstead Godalming Holmbury  Holybourne Hallon  Churt Hambledon  Churt Hambledon  Churt Hambledon  Crayswood  Cra		Wrecclesham				AVERAGE	CHANGE	2%
Holybourne Alton  Wittey  Hambledon  Churt  Hambledon  Hindhese  Crayswood  Featley  Hindhese  Crayswood  Hastemere  Hastemere  Hastemere  Hastemere  Hastemere  Rudywick  Runway  ARRIVALS  GEARIVALS  GEARIVALS	ALC: NO PARTY OF THE PARTY OF T	Rowledge	Elstead		Holmbury			
Churt Hambledon Gflawton  Chiddingfold Crayswood Haslemere  Haslemere  Churt Hambledon  Crayswood Chiddingfold Crayswood Haslemere  Chiddingfold Chiddingfold Chiddingfold Chiddingfold Crayswood Rüdgwick Rüdgwic	Holybourne Alton	B. Auto			Ewhurst	RUNWAY	nothing	4B
Population Count 24 100%    Chiddingfold   Chidding	No.	Churt	<b>元</b>		Cranleigh	6	100%	94%
Chiddingfold  Selborne  Haslemere  Chiddingfold  Crayswood  Haslemere  Chiddingfold  Crayswood  Find Grayswood  Chiddingfold  Chiddingfold  Chiddingfold  Chiddingfold  Count  DEPARTURES  GLEX 65 dB LAMAX  Population Count  24  100%  81%			Hindhead			24	100%	100%
Haslemere Population Count 24 100% 81%	Aarks		Grayswood	Chiddingfold	Rudgwick	6	100%	96%
Loxwood Siir AVERAGE CHANGE -7%		Liphook	Haslemere			24	100%	81%
		The State of the S	<b>地位对外的企业</b>	Lo	Slir	 AVERAGE	CHANGE	-7%

### Option 5A





#### With low level EGKB routes

**RUNWAY** 

1 Do

nothing

Baseline

5A

ARRIVALS GLEX 60 dB LAMAX	6	100%	100%
Population Count	24	100%	97%
DEPARTURES GLEX 60 dB LAMAX	6	100%	99%
Population Count	24	100%	116%
	AVERAGE	CHANGE	3%
GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	5A
65dB LAMAX  ARRIVALS	RUNWAY 6	nothing	<b>5A</b> 94%
65dB LAMAX		nothing Baseline	
ARRIVALS GLEX 65 dB LAMAX Population Count DEPARTURES	6	nothing Baseline	94%
65dB LAMAX  ARRIVALS GLEX 65 dB LAMAX Population Count	6 24	nothing Baseline 100%	94%

#### Without low level EGKB routes

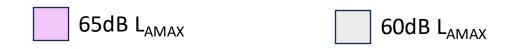
king				
Ripley	GLEX 60dB LAMAX	RUNWAY	1 Do nothing Baseline	5A
	ARRIVALS GLEX 60 dB LAMAX	6	100%	99%
East Horsley	Population Count	24	100%	97%
d The second	DEPARTURES GLEX 60 dB LAMAX	6	100%	97%
Albury Shere	Population Count	24	100%	105%
		AVERAGE	CHANGE	0%
Holmbur	·			
Ewhurst	GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	5A
Cranleigh	ADDIVALG			0.00/
	ARRIVALS	6	100%	94%
old	GLEX 65 dB LAMAX Population Count	24	100%	100%
	GLEX 65 dB LAMAX Population Count  DEPARTURES			
old	GLEX 65 dB LAMAX Population Count	24	100%	100%

**GLEX** 

**60dB LAMAX** 

### Option 5B





#### With low level EGKB routes

**RUNWAY** 

**GLEX** 

**60dB LAMAX** 

1 Do

nothing

Baseline

5B

ARRIVALS GLEX 60 dB LAMAX	6	100%	100%
Population Count	24	100%	82%
DEPARTURES GLEX 60 dB LAMAX	6	100%	94%
Population Count	24	100%	116%
	AVERAGE	CHANGE	-2%
		4.0-	
GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	5B
65dB LAMAX  ARRIVALS	RUNWAY 6	nothing	<b>5B</b> 95%
65dB LAMAX		nothing Baseline	
ARRIVALS GLEX 65 dB LAMAX Population Count DEPARTURES	6	nothing Baseline	95%
ARRIVALS GLEX 65 dB LAMAX Population Count	6 24	nothing Baseline	95%

#### Without low level EGKB routes

GLEX 60dB LAMAX	RUNWAY	1 Do nothing Baseline	5B
ARRIVALS	6	100%	99%
Population Count	24	100%	81%
DEPARTURES	6	100%	91%
Population Count	24	100%	105%
	AVERAGE	CHANGE	-6%
GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	5B
ARRIVALS	6	100%	94%
ARRIVALS GLEX 65 dB LAMAX Population Count	24	100%	94%
GLEX 65 dB LAMAX Population Count  DEPARTURES	-		
GLEX 65 dB LAMAX Population Count	24	100%	100%
	ARRIVALS GLEX 60 dB LAMAX Population Count  DEPARTURES GLEX 60 dB LAMAX Population Count  GLEX	GLEX GLEX GLEX 60 dB LAMAX  Population Count  DEPARTURES GLEX 60 dB LAMAX Population Count  24  AVERAGE  GLEX RUNWAY	ARRIVALS GLEX 60 dB LAMAX Population Count  DEPARTURES GLEX 60 dB LAMAX Population Count  DEPARTURES GLEX 60 dB LAMAX Population Count  AVERAGE CHANGE  GLEX GLEX GLEX GLEX GLEX GLEX GLEX G





#### With low level EGKB routes

GLEX 60dB LAMAX	RUNWAY	1 Do nothing Baseline	2A	2B	3A	3В	4A	4B	5A	5B
ARRIVALS GLEX 60 dB LAMAX	6	100%	96%	96%	99%	99%	100%	100%	100%	100%
Population Count	24	100%	97%	81%	97%	81%	97%	82%	97%	82%
DEPARTURES GLEX 60 dB LAMAX	6	100%	100%	87%	126%	126%	126%	126%	99%	94%
Population Count	24	100%	100%	100%	108%	108%	108%	108%	116%	116%
	AVERAGE	CHANGE	-2%	-9%	8%	4%	8%	4%	3%	-2%
GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	2A	2В	3A	3B	4A	4B	5A	5B
ARRIVALS GLEX 65 dB LAMAX	6	100%	93%	93%	94%	94%	95%	95%	94%	95%
Population Count	24	100%	100%	100%	100%	100%	100%	100%	100%	100%
DEPARTURES GLEX 65 dB LAMAX	6	100%	100%	90%	96%	96%	96%	96%	98%	89%
Population Count	24	100%	100%	100%	103%	103%	103%	103%	103%	103%
	AVERAGE	CHANGE	-2%	-4%	-2%	-2%	-2%	-2%	-1%	-3%

#### Without low level EGKB routes

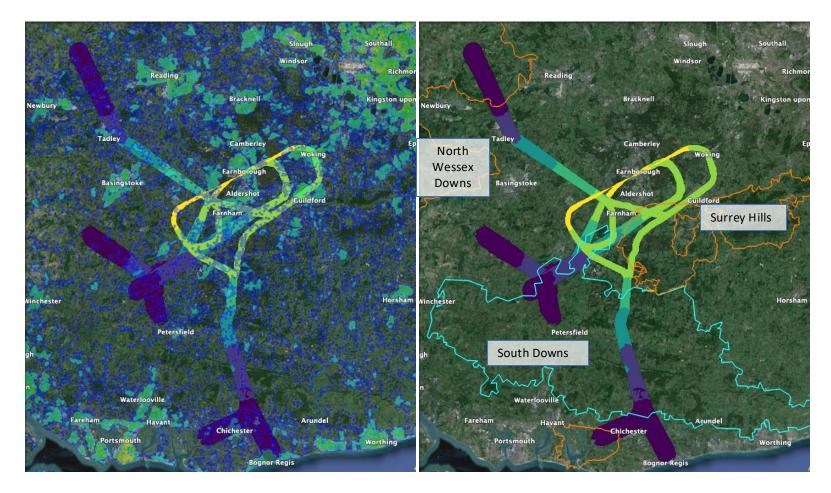
GLEX 60dB LAMAX	RUNWAY	1 Do nothing Baseline	2A	2В	3A	3B	4A	4B	5A	5B
ARRIVALS	6	100%	96%	95%	98%	98%	99%	99%	99%	99%
GLEX 60 dB LAMAX Population Count	24	100%	97%	81%	97%	81%	97%	81%	97%	81%
DEPARTURES GLEX 60 dB LAMAX	6	100%	100%	87%	133%	133%	133%	133%	97%	91%
Population Count	24	100%	100%	100%	94%	94%	93%	94%	105%	105%
	AVERAGI	E CHANGE	-2%	-9%	6%	2%	6%	2%	0%	-6%
GLEX 65dB LAMAX	RUNWAY	1 Do nothing Baseline	2A	2B	3A	3B	4A	4B	5A	5B
ARRIVALS GLEX 65 dB LAMAX	6	100%	92%	92%	93%	93%	94%	94%	94%	94%
Population Count	24	100%	100%	100%	100%	100%	100%	100%	100%	100%
DEPARTURES GLEX 65 dB LAMAX	6	100%	100%	90%	96%	96%	96%	96%	98%	86%
Population Count	24	100%	100%	100%	81%	81%	81%	81%	81%	81%
	AVERAGI	ECHANGE	-2%	-4%	-8%	-8%	-7%	-7%	-7%	-10%



## Overflight Statistics Population, AONBs and National Parks

### Option 1 (Do Nothing)

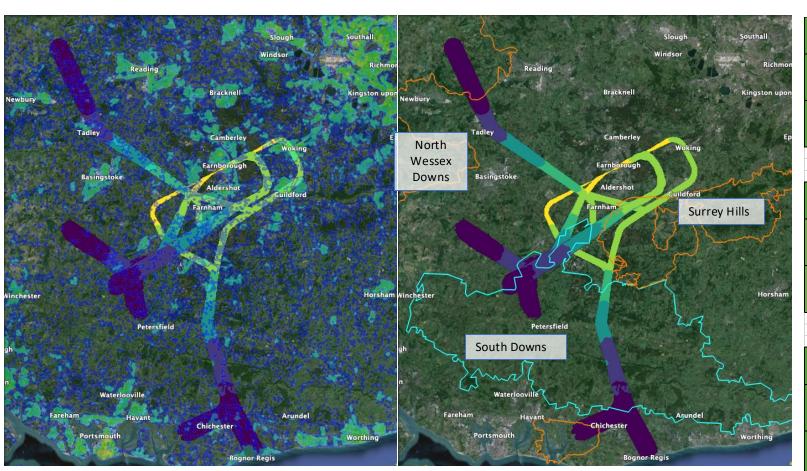




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### Option 2A

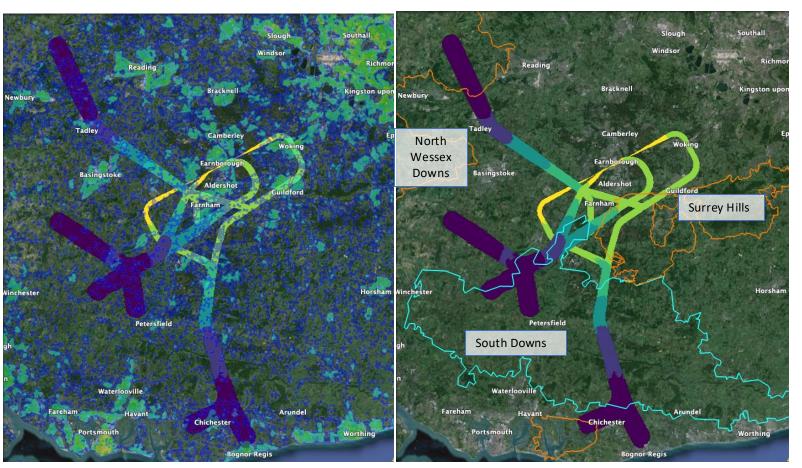




Overflight Population	RUNWAY	1 Do nothing Baseline	2A	
ARRIVALS Overflight (0-7000ft)	6	100%	99%	
Population Count	24	100%	101%	
DEPARTURES Overflight (0-7000ft)	6	100%	100%	
Population Count	24	100%	100%	
	AVERAGE	CHANGE	0%	
Overflight AONB	RUNWAY	1 Do nothing Baseline	2A	
ARRIVALS	6	100%	98%	
Overflight (0-7000ft) AONB Area (km2)	24	100%	94%	
DEPARTURES Overflight (0-7000ft)	6	100%	100%	
AONB Area (km2)	24	100%	100%	
	AVERAGE	CHANGE	-2%	
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	2A	
ARRIVALS Overflight (0-7000ft)	6	100%	96%	
NP Area (km2)	24	100%	149%	
DEPARTURES Overflight (0-7000ft)	6	100%	111%	
NP Area (km2)	24	100%	122% 19%	
	AVERAGE	AVERAGE CHANGE		

### Option 2B





Overflight Population	RUNWAY	1 Do nothing Baseline	2B
ARRIVALS Overflight (0-7000ft)	6	100%	102%
Population Count	24	100%	96%
DEPARTURES Overflight (0-7000ft)	6	100%	92%
Population Count	24	100%	100%
	AVERAGE	CHANGE	-3%
Overflight AONB	RUNWAY	1 Do nothing Baseline	2B
ARRIVALS Overflight (0-7000ft)	6	100%	91%
AONB Area (km2)	24	100%	88%
DEPARTURES Overflight (0-7000ft)	6	100%	81%
AONB Area (km2)	24	100%	100%
	AVERAGE	CHANGE	-10%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	2B
ARRIVALS	6	100%	98%
Overflight (0-7000ft) NP Area (km2)	24	100%	155%
DEPARTURES Overflight (0-7000ft)	6	100%	132%
NP Area (km2)	24	100%	121%
	AVERAGE	27%	

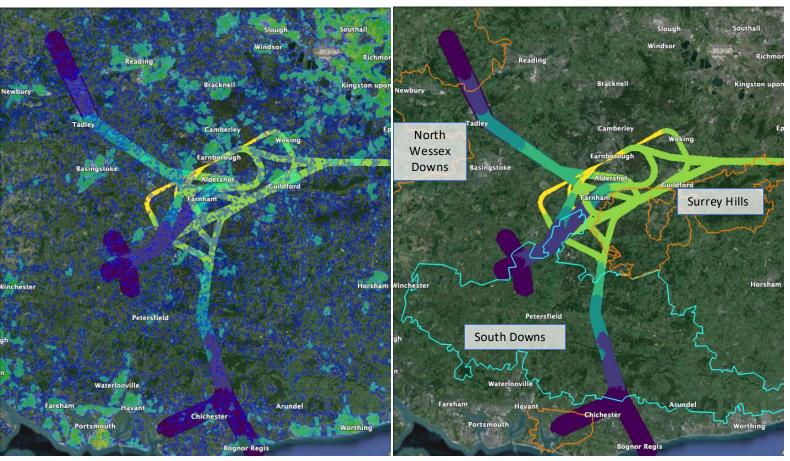
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### Option 3A



#### With low level EGKB routes

Overflight Population	RUNWAY	1 Do nothing Baseline	ЗА
ARRIVALS Overflight (0-7000ft)	6	100%	138%
Population Count	24	100%	89%
DEPARTURES Overflight (0-7000ft)	6	100%	211%
Population Count	24	100%	193%
	AVERAGE	CHANGE	58%
Overflight AONB	RUNWAY	1 Do nothing Baseline	3A
ARRIVALS Overflight (0-7000ft)	6	100%	152%
AONB Area (km2)	24	100%	78%
DEPARTURES Overflight (0-7000ft)	6	100%	6%
AONB Area (km2)	24	100%	104%
	AVERAGE	CHANGE	-15%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	ЗА
ARRIVALS Overflight (0-7000ft)	6	100%	71%
NP Area (km2)	24	100%	119%
DEPARTURES Overflight (0-7000ft)	6	100%	91%
NP Area (km2)	24	100%	78%
	AVERAGE	-10%	



#### Without low level EGKB routes

Overflight Population	RUNWAY	1 Do nothing Baseline	ЗА
ARRIVALS Overflight (0-7000ft)	6	100%	134%
Population Count	24	100%	101%
DEPARTURES Overflight (0-7000ft)	6	100%	262%
Population Count	24	100%	74%
	AVERAGE	CHANGE	43%
Overflight AONB	RUNWAY	1 Do nothing Baseline	3A
ARRIVALS Overflight (0-7000ft)	6	100%	149%
AONB Area (km2)	24	100%	94%
DEPARTURES Overflight (0-7000ft)	6	100%	8%
AONB Area (km2)	24	100%	104%
	AVERAGE	CHANGE	-11%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	3A
ARRIVALS	6	100%	89%
Overflight (0-7000ft) NP Area (km2)	24	100%	149%
DEPARTURES Overflight (0-7000ft)	6	100%	122%
NP Area (km2)	24	100%	104%
	AVERAGE	CHANGE	16%

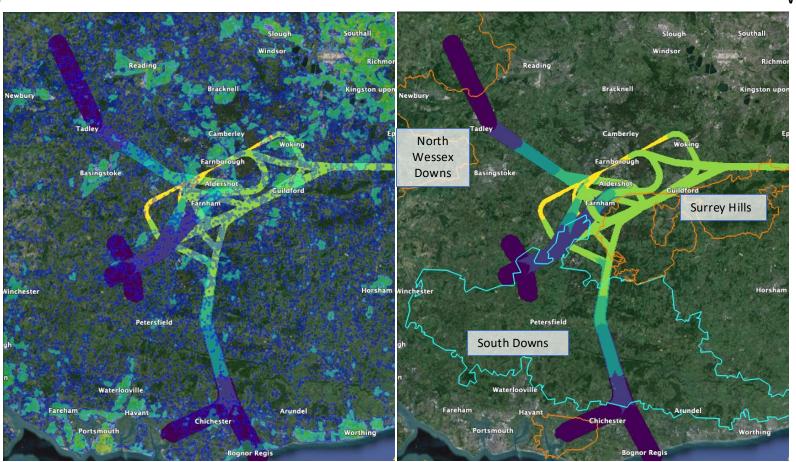
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### Option 3B



#### With low level EGKB routes

with low level EGRB routes					
Overflight Population	RUNWAY	1 Do nothing Baseline	3В		
ARRIVALS Overflight (0-7000ft)	6	100%	139%		
Population Count	24	100%	84%		
DEPARTURES Overflight (0-7000ft)	6	100%	211%		
Population Count	24	100%	193%		
	AVERAGE	CHANGE	57%		
Overflight AONB	RUNWAY	1 Do nothing Baseline	3B		
ARRIVALS Overflight (0-7000ft)	6	100%	149%		
AONB Area (km2)	24	100%	72%		
DEPARTURES Overflight (0-7000ft)	6	100%	6%		
AONB Area (km2)	24	100%	104%		
	AVERAGE	CHANGE	-17%		
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	3В		
ARRIVALS Overflight (0-7000ft)	6	100%	72%		
NP Area (km2)	24	100%	124%		
DEPARTURES Overflight (0-7000ft)	6	100%	91%		
NP Area (km2)	24	100%	78%		
	AVERAGE	-9%			



#### Without low level EGKB routes

Overflight Population	RUNWAY	1 Do nothing Baseline	3B
ARRIVALS Overflight (0-7000ft)	6	100%	135%
Population Count	24	100%	95%
DEPARTURES Overflight (0-7000ft)	6	100%	262%
Population Count	24	100%	74%
	AVERAGE	CHANGE	41%
Overflight AONB	RUNWAY	1 Do nothing Baseline	3B
ARRIVALS Overflight (0-7000ft)	6	100%	146%
AONB Area (km2)	24	100%	88%
DEPARTURES Overflight (0-7000ft)	6	100%	8%
AONB Area (km2)	24	100%	104%
	AVERAGE	CHANGE	-14%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	3B
ARRIVALS Overflight (0-7000ft)	6	100%	90%
NP Area (km2)	24	100%	149%
DEPARTURES Overflight (0-7000ft)	6	100%	122%
NP Area (km2)	24	100%	104%
	AVERAGE	16%	

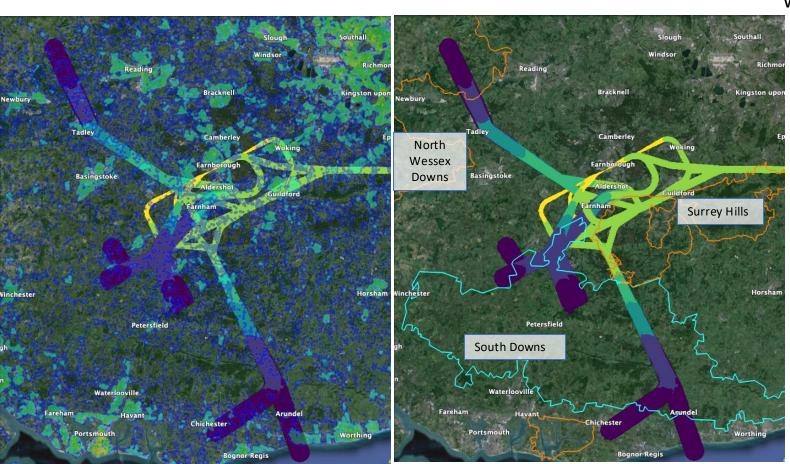
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### Option 4A



#### With low level EGKB routes

VILLI IOVV I	CVCIL	ו שאט.	outes
Overflight Population	RUNWAY	1 Do nothing Baseline	4A
ARRIVALS Overflight (0-7000ft)	6	100%	130%
Population Count	24	100%	84%
DEPARTURES Overflight (0-7000ft)	6	100%	217%
Population Count	24	100%	217%
	AVERAGE	CHANGE	62%
Overflight AONB	RUNWAY	1 Do nothing Baseline	4A
ARRIVALS Overflight (0-7000ft)	6	100%	135%
AONB Area (km2)	24	100%	70%
DEPARTURES Overflight (0-7000ft)	6	100%	6%
AONB Area (km2)	24	100%	105%
	AVERAGE	CHANGE	-21%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	<b>4</b> A
ARRIVALS Overflight (0-7000ft)	6	100%	88%
NP Area (km2)	24	100%	145%
DEPARTURES Overflight (0-7000ft)	6	100%	84%
NP Area (km2)	24	100%	70%
	AVERAGE	CHANGE	-3%



#### Without low level EGKB routes

ithout low	ievei	LUKD	Toute
Overflight Population	RUNWAY	1 Do nothing Baseline	4A
ARRIVALS Overflight (0-7000ft)	6	100%	123%
Population Count	24	100%	94%
DEPARTURES Overflight (0-7000ft)	6	100%	270%
Population Count	24	100%	106%
	AVERAGE	CHANGE	48%
Overflight AONB	RUNWAY	1 Do nothing Baseline	4A
ARRIVALS Overflight (0-7000ft)	6	100%	128%
AONB Area (km2)	24	100%	85%
DEPARTURES Overflight (0-7000ft)	6	100%	8%
AONB Area (km2)	24	100%	105%
	AVERAGE	CHANGE	-19%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	4A
ARRIVALS Overflight (0-7000ft)	6	100%	110%
NP Area (km2)	24	100%	181%
DEPARTURES Overflight (0-7000ft)	6	100%	112%
NP Area (km2)	24	100%	93%
	AVERAGE	CHANGE	24%

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### Option 4B



#### With low level EGKB routes

With low level EGKB routes				
Overflight Population	RUNWAY	1 Do nothing Baseline	4B	
ARRIVALS Overflight (0-7000ft)	6	100%	131%	
Population Count	24	100%	81%	
DEPARTURES Overflight (0-7000ft)	6	100%	217%	
Population Count	24	100%	217%	
	AVERAGE	CHANGE	61%	
Overflight AONB	RUNWAY	1 Do nothing Baseline	4B	
ARRIVALS Overflight (0-7000ft)	6	100%	135%	
AONB Area (km2)	24	100%	72%	
DEPARTURES Overflight (0-7000ft)	6	100%	6%	
AONB Area (km2)	24	100%	105%	
	AVERAGE	CHANGE	-21%	
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	4B	
ARRIVALS Overflight (0-7000ft)	6	100%	88%	
NP Area (km2)	24	100%	151%	
DEPARTURES Overflight (0-7000ft)	6	100%	84%	
NP Area (km2)	24	100%	70%	
	AVERAGE	CHANGE	-2%	



#### Without low level EGKB routes

cino ac io ii			
Overflight Population	RUNWAY	1 Do nothing Baseline	4B
ARRIVALS Overflight (0-7000ft)	6	100%	124%
Population Count	24	100%	90%
DEPARTURES Overflight (0-7000ft)	6	100%	270%
Population Count	24	100%	106%
	AVERAGI	CHANGE	48%
Overflight AONB	RUNWAY	1 Do nothing Baseline	4B
ARRIVALS Overflight (0-7000ft)	6	100%	127%
AONB Area (km2)	24	100%	87%
DEPARTURES Overflight (0-7000ft)	6	100%	8%
AONB Area (km2)	24	100%	105%
	AVERAGI	CHANGE	-18%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	4B
ARRIVALS Overflight (0-7000ft)	6	100%	111%
NP Area (km2)	24	100%	189%
DEPARTURES Overflight (0-7000ft)	6	100%	112%
NP Area (km2)	24	100%	93%
	AVERAGI	CHANGE	26%

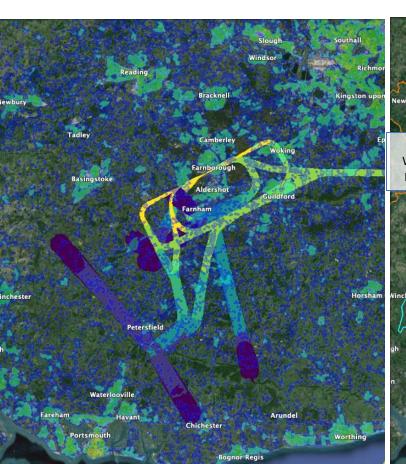
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#### Option 5A



#### With low level EGKB routes

VVICII IOVV I	CVCIL	ו שאט.	outes
Overflight Population	RUNWAY	1 Do nothing Baseline	5A
ARRIVALS Overflight (0-7000ft)	6	100%	97%
Population Count	24	100%	58%
DEPARTURES Overflight (0-7000ft)	6	100%	104%
Population Count	24	100%	231%
	AVERAGI	CHANGE	23%
Overflight AONB	RUNWAY 1 Do nothing Baseline		5A
ARRIVALS Overflight (0-7000ft)	6	100%	53%
AONB Area (km2)	24	100%	46%
DEPARTURES Overflight (0-7000ft)	6	100%	126%
AONB Area (km2)	24	100%	105%
	AVERAGI	CHANGE	-17%
Overflight Nat Park	RUNWAY nothing Baseline		5A
ARRIVALS Overflight (0-7000ft)	6	100%	116%
NP Area (km2)	24	100%	174%
DEPARTURES Overflight (0-7000ft)	6	100%	40%
NP Area (km2)	24	100%	30%
	AVERAGI	CHANGE	-10%





#### Without low level EGKB routes

tilout low	ICVCI	LUND	Toute
Overflight Population	RUNWAY	1 Do nothing Baseline	5A
ARRIVALS Overflight (0-7000ft)	6	100%	69%
Population Count	24	100%	65%
DEPARTURES Overflight (0-7000ft)	6	100%	120%
Population Count	24	100%	125%
	AVERAG	E CHANGE	-5%
Overflight AONB	RUNWAY	1 Do nothing Baseline	5A
ARRIVALS Overflight (0-7000ft)	6	100%	0%
AONB Area (km2)	24	100%	63%
DEPARTURES Overflight (0-7000ft)	6	100%	169%
AONB Area (km2)	24	100%	105%
	AVERAG	E CHANGE	-16%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	5A
ARRIVALS Overflight (0-7000ft)	6	100%	169%
NP Area (km2)	24	100%	261%
DEPARTURES Overflight (0-7000ft)	6	100%	53%
NP Area (km2)	24	100%	40%
	AVERAG	ECHANGE	31%

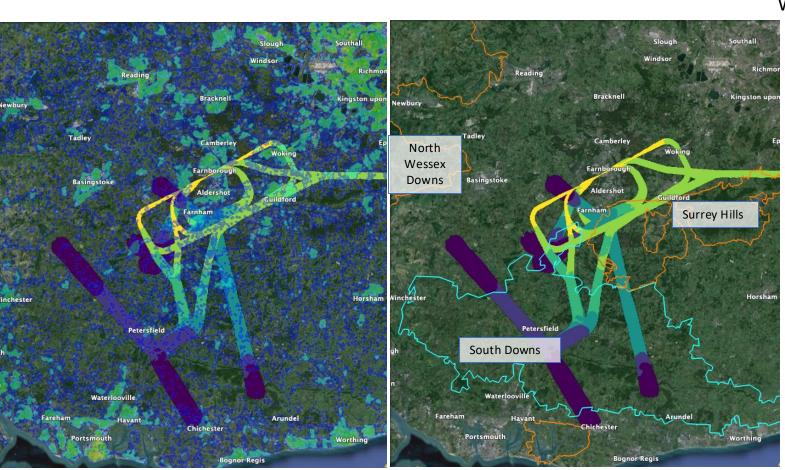
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### Option 5B



#### With low level EGKB routes

with low i	evere	GKD	outes
Overflight Population	RUNWAY	1 Do nothing Baseline	5B
ARRIVALS Overflight (0-7000ft)	6	100%	97%
Population Count	24	100%	60%
DEPARTURES Overflight (0-7000ft)	6	100%	91%
Population Count	24	100%	231%
	AVERAGE	CHANGE	20%
Overflight AONB	RUNWAY	1 Do nothing Baseline	5B
ARRIVALS Overflight (0-7000ft)	6	100%	53%
AONB Area (km2)	24	100%	47%
DEPARTURES Overflight (0-7000ft)	6	100%	113%
AONB Area (km2)	24	100%	105%
	AVERAGE	CHANGE	-20%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	5B
ARRIVALS Overflight (0-7000ft)	6	100%	117%
NP Area (km2)	24	100%	178%
DEPARTURES Overflight (0-7000ft)	6	100%	51%
NP Area (km2)	24	100%	30%
	AVERAGE	CHANGE	-6%



#### Without low level EGKB routes

Tithout low	ievei	EGKD	Toute
Overflight Population	RUNWAY	1 Do nothing Baseline	5B
ARRIVALS Overflight (0-7000ft)	6	100%	68%
Population Count	24	100%	68%
DEPARTURES Overflight (0-7000ft)	6	100%	103%
Population Count	24	100%	125%
	AVERAGE	CHANGE	-9%
Overflight AONB	RUNWAY	1 Do nothing Baseline	5B
ARRIVALS Overflight (0-7000ft)	6	100%	0%
AONB Area (km2)	24	100%	65%
DEPARTURES Overflight (0-7000ft)	6	100%	151%
AONB Area (km2)	24	100%	105%
	AVERAGE	CHANGE	-20%
Overflight Nat Park	RUNWAY	1 Do nothing Baseline	5B
ARRIVALS Overflight (0-7000ft)	6	100%	170%
NP Area (km2)	24	100%	266%
DEPARTURES Overflight (0-7000ft)	6	100%	68%
NP Area (km2)	24	100%	40%
	AVERAGE	CHANGE	36%

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#### With low level EGKB routes

#### Without low level EGKB routes

#### **Overflight Population**

Overflight Population	RUNWAY	1 Do nothing Baseline	2A	2В	ЗА	3B	<b>4</b> A	4B	5A	5B
ARRIVALS Overflight (0-7000ft)	6	100%	99%	102%	138%	139%	130%	131%	97%	97%
Population Count	24	100%	101%	96%	89%	84%	84%	81%	58%	60%
DEPARTURES Overflight (0-7000ft)	6	100%	100%	92%	211%	211%	217%	217%	104%	91%
Population Count	24	100%	100%	100%	193%	193%	217%	217%	231%	231%
	AVERAGE	CHANGE	0%	-3%	58%	57%	62%	61%	23%	20%

Overflight Population	RUNWAY	1 Do nothing Baseline	<b>2</b> A	2В	ЗА	3В	4A	4B	5A	5B
ARRIVALS Overflight (0-7000ft)	6	100%	99%	102%	134%	135%	123%	124%	69%	68%
Population Count	24	100%	101%	96%	101%	95%	94%	90%	65%	68%
DEPARTURES Overflight (0-7000ft)	6	100%	100%	92%	262%	262%	270%	270%	120%	103%
Population Count	24	100%	100%	100%	74%	74%	106%	106%	125%	125%
	AVERAGI	CHANGE	0%	-3%	43%	41%	48%	48%	-5%	-9%

#### Overflight AONB

Overflight AONB	RUNWAY	1 Do nothing Baseline	2A	2В	ЗА	3B	4A	4B	5A	5B
ARRIVALS Overflight (0-7000ft)	6	100%	98%	91%	152%	149%	135%	135%	53%	53%
AONB Area (km2)	24	100%	94%	88%	78%	72%	70%	72%	46%	47%
DEPARTURES	6	100%	100%	81%	6%	6%	6%	6%	126%	113%
Overflight (0-7000ft) AONB Area (km2)	24	100%	100%	100%	104%	104%	105%	105%	105%	105%
	AVERAGE	CHANGE	-2%	-10%	-15%	-17%	-21%	-21%	-17%	-20%

Overflight AONB	RUNWAY	1 Do nothing Baseline	2A	28	3A	3B	4A	4B	5A	5B
ARRIVALS Overflight (0-7000ft)	6	100%	98%	91%	149%	146%	128%	127%	0%	0%
AONB Area (km2)	24	100%	94%	88%	94%	88%	85%	87%	63%	65%
DEPARTURES	6	100%	100%	81%	8%	8%	8%	8%	169%	151%
Overflight (0-7000ft) AONB Area (km2)	24	100%	100%	100%	104%	104%	105%	105%	105%	105%
	AVERAGE	CHANGE	-2%	-10%	-11%	-14%	-19%	-18%	-16%	-20%

#### Overflight National Park

Overflight Nat Park	RUNWAY	1 Do nothing Baseline	2A	2В	ЗА	3В	<b>4</b> A	4B	5A	5B
ARRIVALS Overflight (0-7000ft)	6	100%	96%	98%	71%	72%	88%	88%	116%	117%
NP Area (km2)	24	100%	149%	155%	119%	124%	145%	151%	174%	178%
DEPARTURES Overflight (0-7000ft)	6	100%	111%	132%	91%	91%	84%	84%	40%	51%
NP Area (km2)	24	100%	122%	121%	78%	78%	70%	70%	30%	30%
· ·	AVERAGE	CHANGE	19%	27%	-10%	-9%	-3%	-2%	-10%	-6%

Overflight Nat Park	RUNWAY	1 Do nothing Baseline	2A	2В	3A	3В	4A	4B	5A	5B
ARRIVALS Overflight (0-7000ft)	6	100%	96%	98%	89%	90%	110%	111%	169%	170%
NP Area (km2)	24	100%	149%	155%	149%	149%	181%	189%	261%	266%
DEPARTURES	6	100%	111%	132%	122%	122%	112%	112%	53%	68%
Overflight (0-7000ft)  NP Area (km2)	24	100%	122%	121%	104%	104%	93%	93%	40%	40%
	AVERAGE	CHANGE	19%	27%	16%	16%	24%	26%	31%	36%



### Overflight Statistics 0-7000ft

Other Noise Sensitive Receptors (NSRs)



### Education, Healthcare and Places of Worship

#### With low level EGKB routes

#### Without low level EGKB routes

Overflight NSRs Arrivals	RUNWAY	1 Do nothing Baseline	2A	2В	3A	3B	4A	<b>4</b> B	5A	5B
Heathcare Count (0-7000ft)	6	100%	97%	98%	146%	146%	140%	140%	103%	100%
(0-700011)	24	100%	105%	108%	91%	91%	83%	92%	48%	64%
Education Count (0-7000ft)	6	100%	94%	93%	143%	143%	139%	139%	126%	121%
(0 700011)	24	100%	94%	100%	80%	82%	76%	84%	54%	63%
Places of Worship Count	6	100%	102%	100%	132%	131%	137%	137%	102%	100%
(0-7000ft)	24	100%	108%	115%	94%	96%	93%	104%	63%	80%
	AVERAGI	E CHANGE	0%	2%	14%	15%	11%	16%	-17%	-12%
Overflight NSRs Departures	RUNWAY	1 Do nothing Baseline	2A	2В	3A	3B	4A	4B	5A	5B
Heathcare Count (0-7000ft)	6	100%	100%	119%	233%	233%	244%	244%	153%	161%
(0-700011)	24	100%	100%	100%	206%	206%	253%	253%	275%	275%
Education Count (0-7000ft)	6	100%	100%	84%	189%	189%	193%	193%	120%	107%
(0-700011)	24	100%	100%	100%	402%	402%	433%	433%	430%	430%
Places of Worship Count	6	100%	100%	95%	152%	152%	150%	150%	92%	87%
										4.4207
(0-7000ft)	24	100%	100%	100%	129%	129%	141%	141%	143%	143%

Overflight NSRs Arrivals	RUNWAY	1 Do nothing Baseline	2A	2В	3A	3В	4A	4B	5A	5B
Heathcare Count (0-7000ft)	6	100%	97%	98%	136%	136%	129%	129%	65%	60%
	24	100%	105%	108%	105%	105%	95%	103%	55%	70%
Education Count (0-7000ft)	6	100%	94%	93%	118%	117%	113%	113%	74%	66%
	24	100%	94%	100%	94%	97%	89%	97%	70%	79%
Places of Worship Count	6	100%	102%	100%	118%	117%	125%	125%	63%	61%
(0-7000ft)	24	100%	108%	115%	108%	111%	106%	117%	74%	94%
	AVERAGI	E CHANGE	0%	2%	13%	14%	10%	14%	-33%	-28%
Overflight NSRs Departures	RUNWAY	1 Do nothing Baseline	2A	2В	3A	3В	4A	4B	5A	5B
Departures  Heathcare Count	RUNWAY 6	nothing	2A 100%	<b>2B</b> 119%	<b>3A</b> 290%	<b>3B</b> 290%	<b>4A</b> 304%	<b>4B</b> 304%	<b>5A</b> 183%	<b>5B</b>
Departures		nothing Baseline								
Departures  Heathcare Count (0-7000ft)  Education Count	6	nothing Baseline 100%	100%	119%	290%	290%	304%	304%	183%	194%
Departures  Heathcare Count (0-7000ft)	6 24	nothing Baseline 100%	100%	119%	290%	290%	304%	304%	183%	194%
Departures  Heathcare Count (0-7000ft)  Education Count	6 24 6	nothing Baseline 100% 100%	100% 100%	119% 100% 84%	290% 93% 233%	290% 93% 233%	304% 156% 238%	304% 156% 238%	183% 185% 141%	194% 185% 122%
Departures  Heathcare Count (0-7000ft)  Education Count (0-7000ft)  Places of Worship	6 24 6 24	nothing Baseline  100%  100%  100%  100%	100% 100% 100%	119% 100% 84% 100%	290% 93% 233% 95%	290% 93% 233% 95%	304% 156% 238% 136%	304% 156% 238% 136%	183% 185% 141% 132%	194% 185% 122% 132%



### Biodiversity

Sites of Special Scientific Interest, Special Areas of Conservation RAMSAR and Special Protection Areas

#### FARNBOROUGH AIRPORT

### Option 1 (Do Nothing)

- Thames Basin Heaths SPA
  Bourley and Long Valley SSSI
- Thames Basin Heaths SPA Eelmoor Marsh SSSI Basingstoke Canal SSSI
- Thames Basin Heaths SPA
  Ash to Brookwood Heaths SSSI
  Basingstoke Canal SSSI
  Thursley, Ash, Pirbright &
  Chobham SAC
- Thames Basin Heaths SPA
  Colony Bog and Bagshot Heath
  SSSI
  Thursley, Ash, Pirbright &
  Chobham SAC



### Option 2A



Thames Basin Heaths SPA
Bourley and Long Valley SSSI

Thames Basin Heaths SPA
Eelmoor Marsh SSSI
Basingstoke Canal SSSI

Thames Basin Heaths SPA
Ash to Brookwood Heaths SSSI
Basingstoke Canal SSSI
Thursley, Ash, Pirbright &
Chobham SAC



### Option 2B



Thames Basin Heaths SPA
Bourley and Long Valley SSSI

Thames Basin Heaths SPA
Eelmoor Marsh SSSI
Basingstoke Canal SSSI

Thames Basin Heaths SPA
Ash to Brookwood Heaths SSSI
Basingstoke Canal SSSI
Thursley, Ash, Pirbright &
Chobham SAC



### Option 3A



1.
Thames Basin Heaths SPA
Bourley and Long Valley SSSI

Thames Basin Heaths SPA Eelmoor Marsh SSSI Basingstoke Canal SSSI

Thames Basin Heaths SPA
Ash to Brookwood Heaths SSSI
Basingstoke Canal SSSI
Thursley, Ash, Pirbright &
Chobham SAC



### Option 3B



Thames Basin Heaths SPA
Bourley and Long Valley SSSI

Thames Basin Heaths SPA
Eelmoor Marsh SSSI
Basingstoke Canal SSSI

Thames Basin Heaths SPA
Ash to Brookwood Heaths SSSI
Basingstoke Canal SSSI
Thursley, Ash, Pirbright &
Chobham SAC



### Option 4A



Thames Basin Heaths SPA
 Bourley and Long Valley SSSI

Thames Basin Heaths SPA Eelmoor Marsh SSSI Basingstoke Canal SSSI

Thames Basin Heaths SPA
Ash to Brookwood Heaths SSSI
Basingstoke Canal SSSI
Thursley, Ash, Pirbright &
Chobham SAC



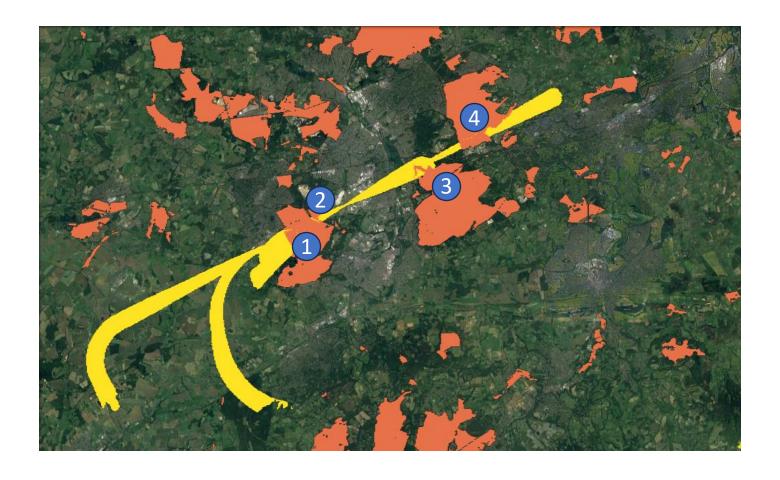
### Option 4B



Thames Basin Heaths SPA
Bourley and Long Valley SSSI

Thames Basin Heaths SPA
Eelmoor Marsh SSSI
Basingstoke Canal SSSI

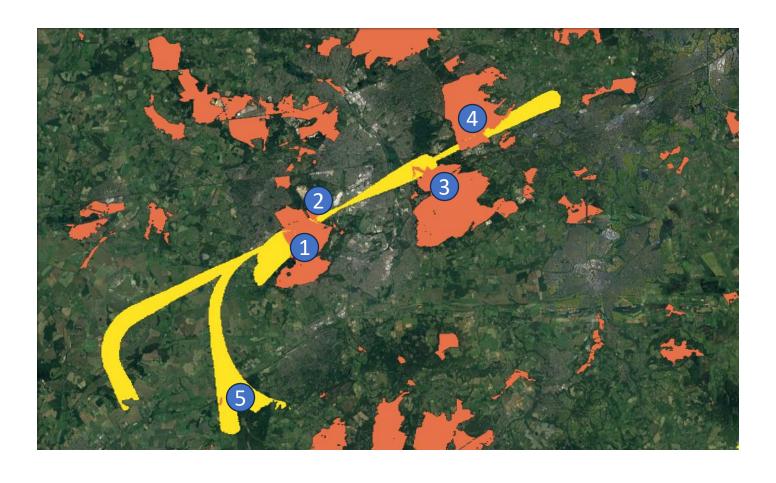
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Ash to Brookwood Heaths SSSI
Basingstoke Canal SSSI
Thursley, Ash, Pirbright &
Chobham SAC



### Option 5A



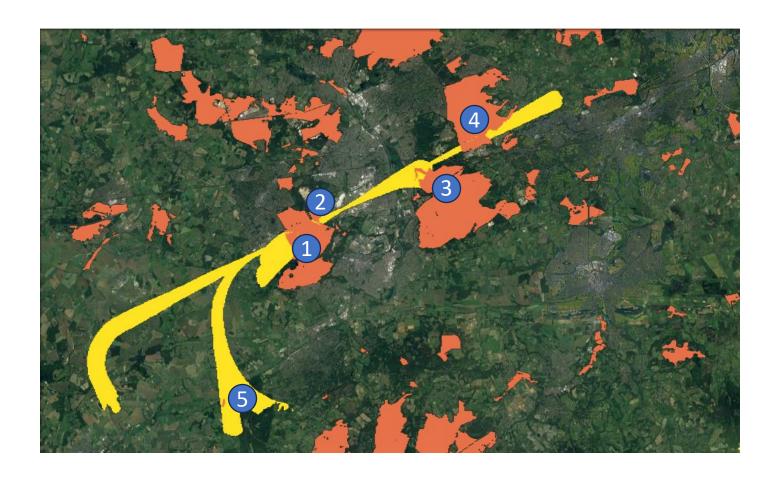
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  Bourley and Long Valley SSSI
- Thames Basin Heaths SPA Eelmoor Marsh SSSI Basingstoke Canal SSSI
- Thames Basin Heaths SPA
  Ash to Brookwood Heaths SSSI
  Basingstoke Canal SSSI
  Thursley, Ash, Pirbright &
  Chobham SAC
- Thames Basin Heaths SPA
  Colony Bog and Bagshot Heath
  SSSI
  Thursley, Ash, Pirbright &
  Chobham SAC
- 5. Bentley Station Meadow SSSI



### Option 5B



- Thames Basin Heaths SPA
   Bourley and Long Valley SSSI
- Thames Basin Heaths SPA Eelmoor Marsh SSSI Basingstoke Canal SSSI
- Thames Basin Heaths SPA
  Ash to Brookwood Heaths SSSI
  Basingstoke Canal SSSI
  Thursley, Ash, Pirbright &
  Chobham SAC
- Thames Basin Heaths SPA
  Colony Bog and Bagshot Heath
  SSSI
  Thursley, Ash, Pirbright &
  Chobham SAC
- 5. Bentley Station Meadow SSSI

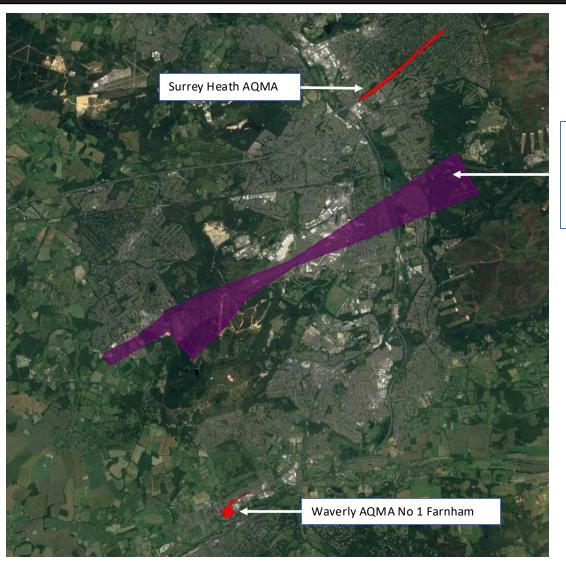




### Air Quality

### Air Quality – All Options





Area overflown by Farnborough's arrivals and departures <1000ft

No change below 1000ft in any option



### Track Milage Comparisons

Version 2.0



### Track Mileage Comparisons

Option	Estimated annual mileage (nm) difference
1A Do Nothing	0.0
2A	+2174
2B	+7530
3A	-161143
3B	-146684
4A	-214094
4B	-206910
5A	-73949
5B	-69945



### Ahead of the Curve

Version 2.0