

Appendix 8D

Noise - L_{Amax} Assessment data

Table 8D.1 Old aircraft, dB L_{Amax} (non-residential)

Location	A320 ceo Arr 26	A320ceo Arr 08	A320ceo Dep SL2 26	A320ceo Dep SL2 08	737-800 Arr 26	737-800 Dep SL2 26	737-800 Dep SL3 26	A321ceo Dep SL3 26
Old Knebworth Lodge Farm	37	14	30	63	41	37	37	33
Caddington	24	75	56	39	32	61	61	63
Park Town, Luton	37	63	73	56	44	77	77	82
Whitwell	53	25	40	62	57	48	48	46
Breachwood Green	65	25	39	73	68	47	47	45
St Pauls Walden	64	22	36	69	67	44	44	42
Farley Hill School Luton	28	60	58	43	35	64	64	67
Slip End	28	54	76	44	35	78	79	82
Harpenden Children's Home	28	28	44	39	35	50	49	47
Walkern	61	6	20	37	60	29	29	25
Stevenage (Eastern Perimeter)	63	8	22	44	66	31	31	27
Stevenage Station	65	13	26	61	69	36	36	32
Luton (Wandon End)	52	44	63	68	57	68	68	68
Kensworth	16	70	42	29	25	47	48	45
Hudnall Corner	11	36	43	23	20	48	47	44
Flamstead	21	30	63	35	29	67	67	66
Markyate	20	42	67	35	28	70	71	69

Table 8D.2 New aircraft, dB L_{Amax} (non-residential)

Location	A320 neo neo Arr 26	A320neo Arr 08	A320neo Dep SL2 26	A320neo Dep SL2 08	737 MAX 8 Arr 26	737 MAX 8 Dep SL2 26	737 MAX 8 Dep SL3 26	A321neo Dep SL3 26
Old Knebworth Lodge Farm	36	13	26	36	39	34	34	27
Caddington	23	74	52	35	30	58	58	56
Park Town, Luton	37	62	69	52	42	74	74	75
Whitwell	52	24	36	59	54	45	45	39
Breachwood Green	64	24	35	68	66	44	44	39
St Pauls Walden	63	21	32	65	65	41	41	35
Farley Hill School Luton	27	59	55	40	33	61	61	60
Slip End	27	53	73	40	33	75	76	75
Harpenden Children's Home	27	27	41	36	33	47	46	40
Walkern	60	5	16	26	58	26	26	18
Stevenage (Eastern Perimeter)	62	7	18	31	64	28	28	21
Stevenage Station	64	12	22	44	67	33	33	26
Luton (Wandon End)	51	43	59	64	55	65	65	61
Kensworth	15	69	39	26	22	44	45	39
Hudnall Corner	10	35	39	19	18	45	44	38
Flamstead	20	29	59	32	27	64	64	59
Markyate	19	41	63	31	26	67	68	63

Table 8D.3 Residential, dwellings, old aircraft

dB L_{Amax}	A320 ceo Arr 26	A320ceo Arr 08	A320ceo Dep SL2 26	A320ceo Dep SL2 08	737-800 Arr 26	737-800 Dep SL2 26	737-800 Dep SL3 26	A321ceo Dep SL3 26
80	3	190	81	9	18	700	734	2541
81	1	190	11	6	16	407	554	1887
82	1	129	2	6	16	244	389	1558
83	1	43	2	6	3	16	10	1140
84	0	0	0	5	3	5	4	835
85	0	0	0	0	1	2	2	685
86	0	0	0	0	1	2	2	450
87	0	0	0	0	0	0	2	392
88	0	0	0	0	0	0	0	74
89	0	0	0	0	0	0	0	2
90	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0
Total	6	552	96	32	58	1376	1697	9564

Table 8D.4 Residential, dwellings, new aircraft

dB L _{Amax}	A320 neo Arr 26	A320neo Arr 08	A320neo Dep SL2 26	A320neo Dep SL2 08	737 MAX 8 Arr 26	737 MAX 8 Dep SL2 26	737 MAX 8 Dep SL3 26	A321neo Dep SL3 26
80	1	190	0	5	16	16	10	395
81	1	129	0	0	3	5	4	346
82	1	43	0	0	1	2	2	74
83	0	0	0	0	1	2	2	2
84	0	0	0	0	1	0	2	0
85	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0
Total	3	362	0	5	22	25	20	817