

Update to Table in LADACAN representation in light of revised figures in ES

The LADACAN consultee response of 23 July 2021 to 21/00031/VARCON (CD3.02, PDF p370/414) refers to data in ESA-3 Noise Chapter 8 Appendix 8F (CD 4.06 PDF p88/113) which has now been superseded by Noise Chapter 8 of the ES Addendum Appendix 8F (CD1.17 PDF p78/92).

The Table has therefore been updated below to reflect the revised data from Appendix 8F and also to adopt a more representative comparison for departing aircraft, the 2019 LLA Community Noise Report (CNR) for Flamstead and Markyate, since the earlier comparison had been based on a 2020 CNR which (due to the effects of the pandemic) would not have been as representative of normal operations.

The Table compares the LAmax predictions from the noise model at various locations (Tables 8F.1 for old aircraft types, Table 8F.2 for new aircraft types) to the measurements in those locations from the 2019 CNRs published by the Applicant. The CNRs will be provided as INQ documents for ease of reference.

The figures from Tables 8F.1 and 8F.2 are highlighted in red (if higher) or light blue (if lower) than the corresponding figures from the CNRs by an amount of 2dB(A) or more.

Location	Ops	Source	B738	A320ceo	A320neo	A321ceo	A321neo
Flamstead	Dep 26	CNR 2019	68.7	65.5	61.1	66.8	64.4
		Table 8F	67	64	59	66	64
Markyate	Dep 26	CNR 2019	71.3	70.7	66.7	70.6	70.4
		Table 8F	71	68	63	69	67
South Luton	Dep 26	CNR 2019	79.6	75.6	72.1	77.1	74.9
		Table 8F	77	73	69	82	80
South Luton	Arr 08	CNR 2019	76.7	73.3	71.9	72.6	74.2
		Table 8F	n/a	63	62	n/a	n/a

LADACAN 28 Oct 2022