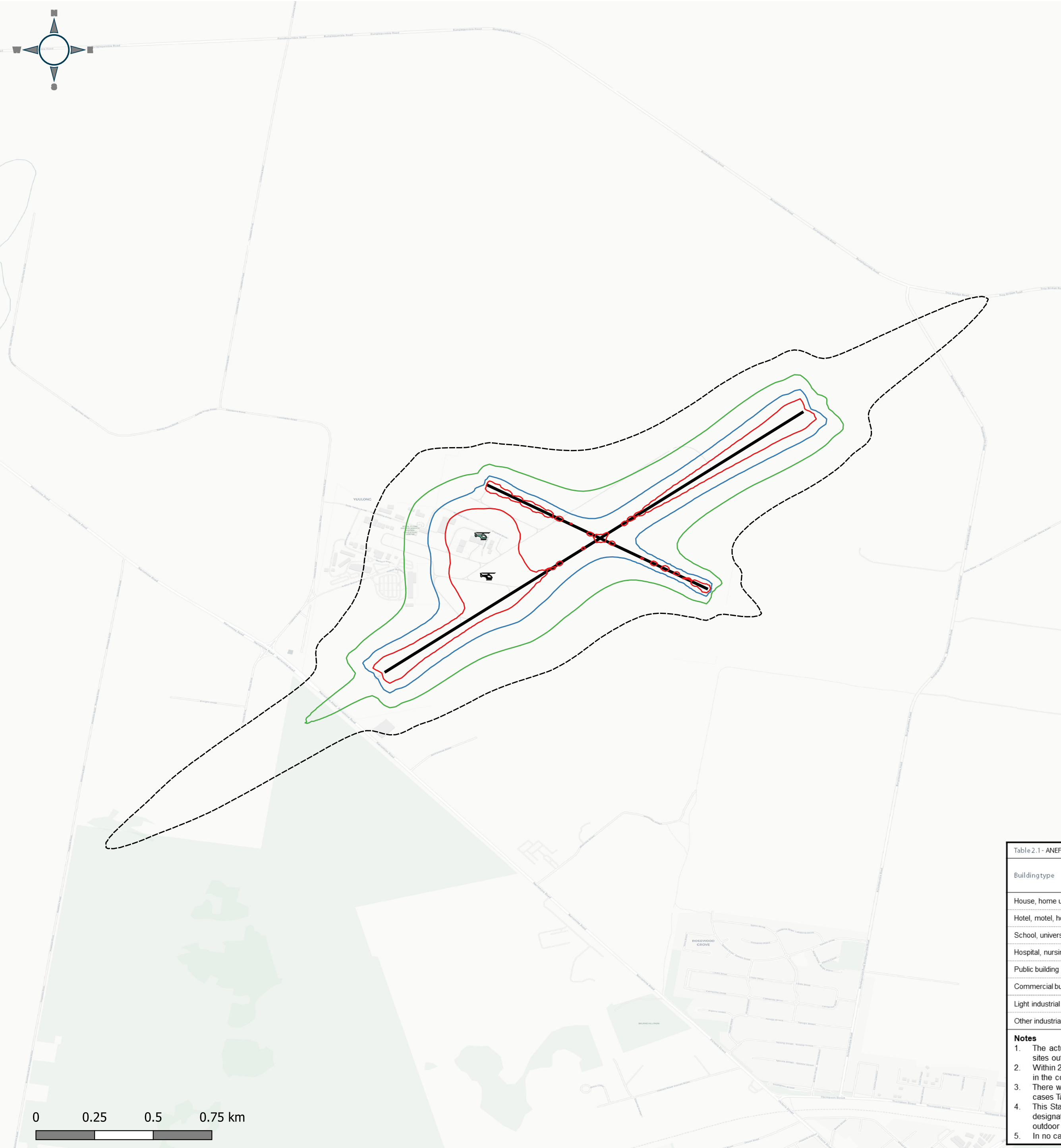


Dubbo Regional Airport Australian Noise Exposure Forecast (ANEF) 2045



Notes:

- Terrain has been included in the calculation of the ANEF contours
- ANEF contours modelled using AEDT 3e
- Co-ordinate system: WGS84
- Where figures have been rounded, there may be discrepancies between the total presented and the sum of the items in that column

Issue date: 12 May 2025
Drawn By: To70 Aviation

Endorsement for technical accuracy

Standard ANEF

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Date:/...../.....

Team Lead - Environmental Assessments

The aircraft noise contours on this chart have been calculated using an appropriate modelling process. Airservices Australia has, in accordance with the approved manner of endorsement, considered the physical ultimate capacity of the existing or proposed runway/s in its endorsement process.

The data input and assumptions made in that process are derived in part from external sources. Airservices Australia makes no warranty in respect of that information and excludes all liability for any loss arising from reliance on that information.

Runway end	Latitude	Longitude
11	-32.21436	148.57344
29	-32.21904	148.58335
05	-32.2228	148.56884
23 Extension	-32.2110735702	148.58767520
HN	-32.21667263	148.57319736
HS	-32.21849511	148.57344637

Legend

ANEF

20

25

30

35

Runways

05-23E

11-29

HLS

HN

HS

RWY	ANP Profile	Arrivals			Departures			Circuits			Grand Total
		Day	Night	Total	Day	Night	Total	Day	Night	Total	
11	BEC58P	0.26769	0.01460	0.28229	0.26769	0.01460	0.28229	0.05202	0.00217	0.05419	0.61877
	CNA172	0.14804	0.00779	0.15584	0.14804	0.00779	0.15584	0.39804	0.01659	0.41463	0.72630
	CNA182	0.17740	0.00934	0.18674	0.17740	0.00934	0.18674	0.05202	0.00217	0.05419	0.42767
	CNA208	0.06622	0.00374	0.06996	0.06622	0.00374	0.06996	0.00000	0.00000	0.00000	0.13992
	CNA510	0.00637	0.00286	0.00923	0.00637	0.00286	0.00923	0.00000	0.00000	0.00000	0.01847
	CNA525C	0.04463	0.00304	0.04767	0.04463	0.00304	0.04767	0.00000	0.00000	0.00000	0.09534
	CNA55B	0.03095	0.00214	0.03308	0.03095	0.00213	0.03308	0.00000	0.00000	0.00000	0.06616
	COMSEP	0.07402	0.00390	0.07792	0.07402	0.00390	0.07792	0.00000	0.00000	0.00000	0.15584
	DHC6	0.05592	0.02336	0.07927	0.05592	0.02336	0.07927	0.00000	0.00000	0.00000	0.15855
	GASEFF	0.38448	0.02024	0.40471	0.38448	0.02024	0.40471	0.67450	0.02810	0.70260	1.51203
	GASEPV	0.24030	0.01351	0.25381	0.24030	0.01351	0.25381	0.55351	0.02306	0.57658	1.08419
	PA30	0.02967	0.00156	0.03123	0.02967	0.00156	0.03123	0.00000	0.00000	0.00000	0.06247
	Total	1.52570	0.10605	1.63175	1.52570	0.10605	1.63175	1.73010	0.07209	1.80219	5.06570
29	BEC58P	0.18144	0.01107	0.19251	0.18144	0.01107	0.19251	0.02036	0.00085	0.02121	0.40622
	CNA172	0.09870	0.00519	0.10389	0.09870	0.00519	0.10389	0.15576	0.00649	0.16225	0.37000
	CNA182	0.11827	0.00622	0.12449	0.11827	0.00622	0.12449	0.02036	0.00085	0.02121	0.27019
	CNA208	0.06020	0.00392	0.06412	0.06020	0.00392	0.06412	0.00000	0.00000	0.00000	0.12825
	CNA510	0.01911	0.00859	0.02770	0.01911	0.00859	0.02770	0.00000	0.00000	0.00000	0.05540
	CNA525C	0.03100	0.00215	0.03315	0.03100	0.00215	0.03315	0.00000	0.00000	0.00000	0.06630
	CNA55B	0.02361	0.00276	0.02637	0.02361	0.00276	0.02637	0.00000	0.00000	0.00000	0.05274
	COMSEP	0.04935	0.00260	0.05195	0.04935	0.00260	0.05195	0.00000	0.00000	0.00000	0.10389
	DHC6	0.15766	0.06907	0.22673	0.15766	0.06907	0.22673	0.00000	0.00000	0.00000	0.45345
	GASEFF	0.25632	0.01349	0.26981	0.25632	0.01349	0.26981	0.26393	0.01100	0.27493	0.81455
	GASEPV	0.16175	0.00916	0.17090	0.16175	0.00916	0.17090	0.21659	0.00902	0.22562	0.56743
	PA30	0.01978	0.00104	0.02082	0.01978	0.00104	0.02082	0.00000	0.00000	0.00000	0.04164
	Total	1.17718	0.13526	1.31244	1.17718	0.13526	1.31244	0.67700	0.02821	0.70521	3.33008
05	737300	0.01361	0.00135	0.01496	0.01361	0.00135	0.01496	0.00000	0.00000	0.00000	0.02992
	737700	0.10172	0.01795	0.11967	0.10172	0.01795	0.11967	0.00000	0.00000	0.00000	0.23934
	BAE146	0.05864	0.00580	0.06444	0.05864	0.00580	0.06444	0.00000	0.00000	0.00000	0.12888
	BEC58P	1.57966	0.18376	1.76341	1.57966	0.18376	1.76341	0.74644	0.00311	0.77775	3.60458
	C130AD	0.02031	0.00155	0.02186	0.02031	0.00155	0.02186	0.00000	0.00000	0.00000	0.04373
	CNA172	0.49348	0.02597	0.51945	0.49348	0.02597	0.51945	0.57111	0.02380	0.59490	1.63381
	CNA182	0.59134	0.03112	0.62247	0.59134	0.03112	0.62247	0.07464	0.00311	0.77775	1.32268
	CNA208	0.49369	0.03674	0.53042	0.49369	0.03674	0.53042	0.00000	0.00000	0.00000	1.06085
	CNA510	0.27394	0.12307	0.39701	0.27394	0.12307	0.39701	0.00000	0.00000	0.00000	0.79403
	CNA525C	0.14129	0.00940	0.15068	0.14129	0.00940	0.15068	0.00000	0.00000	0.00000	0.30137
	CNA55B	0.15377	0.02986	0.18363	0.15377	0.02986	0.18363	0.00000	0.00000	0.00000	0.36726
	COMSEP	0.24674	0.01299	0.25973	0.24674	0.01299	0.25973	0.00000	0.00000	0.00000	0.51945
	DHC6	2.22423	0.98647	3.21070	2.22423	0.98647	3.21070	0.00000	0.00000	0.00000	6.42140
	DHC8	1.86420	0.32613	2.19033	1.86420	0.32613	2.19033	0.00000	0.00000	0.00000	4.38066
	DHC830	1.78109	0.31431	2.09540	1.78109	0.31431	2.09540	0.00000	0.00000	0.00000	4.19079
	F10062	0.15258	0.02693	0.17951	0.15258	0.02693	0.17951	0.00000	0.00000	0.00000	0.35901
	GASEFF	1.28159	0.06745	1.34904	1.28159	0.06745	1.34904	0.96776	0.04032	1.00808	3.70616
	GASEPV	0.79173	0.04410	0.83584	0.79173	0.04410	0.83584	0.79417	0.03309	0.82726	2.49893
	GIV	0.02232	0.00069	0.02301	0.02232	0.00069	0.02301	0.00000	0.00000	0.00000	0.04603
	PA30	0.09890	0.00521	0.10411	0.09890	0.00521	0.10411	0.00000	0.00000	0.00000	0.20822
	SF340	1.84466	0.32553	2.17019	1.84466	0.32553	2.17019	0.00000	0.00000	0.00000	4.34038
	Total	14.22949	2.57637	16.80586	14.22949	2.57637	16.80586	2.48232	0.10343	2.58575	36.19748
23E	737300	0.01880	0.00186	0.02066	0.01880	0.00186	0.02066	0.00000	0.00000	0.00000	0.04131
	737700	0.14047	0.02479	0.16526	0.14047	0.02479	0.16526	0.00000	0.00000	0.00000	0.33052
	BAE146	0.08098	0.00801	0.08899	0.08098	0.00801	0.08899	0.00000	0.00000	0.00000	0.17797
	BEC58P	1.83498	0.23229	2.06727	1.83498	0.23229	2.06727	0.07917	0.00330	0.08247	4.21701
	C130AD	0.02805	0.00215	0.03019	0.02805	0.00215	0.03019	0.00000	0.00000	0.00000	0.06038
	CNA172	0.49348	0.02597	0.51945	0.49348	0.02597	0.51945	0.60572	0.02524	0.63096	1.69886
	CNA182	0.59134	0.03112	0.62247	0.59134	0.03112	0.62247	0.07917	0.00330	0.08247	1.32740
	CNA208	0.56250	0.04286	0.60536	0.56250	0.04286	0.60536	0.00000	0.00000	0.00000	1.21071
	CNA510	0.33765	0.15170	0.48934	0.33765	0.15170	0.48934	0.00000	0.00000	0.00000	0.97868
	CNA525C	0.15500	0.01075	0.16575	0.15500	0.01075	0.16575	0.00000	0.00000	0.00000	0.33151
	CNA55B	0.16653	0.03559	0.20212	0.16653	0.03559	0.20212	0.00000	0.00000	0.00000	0.40425
	COMSEP	0.24674	0.01299	0.25973	0.24674	0.01299	0.25973	0.00000	0.00000	0.00000	0.51945
	DHC6	2.74265	1.21600	3.95864	2.74265	1.21600	3.95864	0.00000	0.00000	0.00000	7.91729
	DHC8	2.57437	0.45037	3.02474	2.57437	0.45037	3.02474	0.00000	0.00000	0.00000	6.40484
	DHC830	2.45960	0.43405	2.89364	2.45960	0.43405	2.89364	0.00000	0.00000	0.00000	5.78729
	F10062	0.21071	0.03718	0.24789	0.21071	0.03718	0.24789	0.00000	0.00000	0.00000	0.49578
	GASEFF	1.28159	0.06745	1.34904	1.28159	0.06745	1.34904	1.02641	0.04277	1.06918	3.76726
	GASEPV	0.80874	0.04578	0.85452	0.80874	0.04578	0.85452	0.84230	0.03510	0.87740	2.58644
	GIV	0.03083	0.00095	0.03178	0.03083	0.00095	0.03178	0.00000	0.00000	0.00000	0.06356
	PA30	0.09890	0.00521	0.10411	0.09890	0.00521	0.10411	0.00000	0.00000	0.00000	0.20822
	SF340	2.54739	0.44954	2.99693	2.54739	0.44954	2.99693	0.00000	0.00000	0.00000	5.99386
	Total	17.41128	3.28661	20.69789	17.41128	3.28661	20.69789	2.63277	0.10970	2.74247	44.13825
HN	B206B3	0.00987	0.00098	0.01085	0.00987	0.00098	0.01085	0.00000	0.00000	0.00000	0.02170
	B407	0.01975	0.00195	0.02170	0.01975	0.00195	0.02170	0.00000	0.00000	0.00000	0.04340
	B427	0.00987	0.00098	0.01085	0.00987	0.00098	0.01085	0.00000	0.00000	0.00000	0.02170
	B429	0.00709	0.00318	0.01027	0.00709	0.00318	0.01027	0.00000	0.00000	0.00000	0.02055
	B430	0.28226	0.09481	0.37707	0.28226	0.09481	0.37707	0.00000	0.00000	0.00000	0.75414
	EC130	0.13428	0.00870	0.14299	0.13428	0.00870	0.14299	0.00000	0.00000	0.00000	0.28597
HS	R44	0.09890	0.00521	0.10411	0.09890	0.00521	0.10411	0.00000	0.00000	0.00000	0.20822
	Total	0.56202	0.11581	0.67784	0.56202	0.11581	0.67784	0.00000	0.00000	0.00000	1.35567
	B206B3	0.00509	0.00050	0.00559	0.00509	0.00050	0.00559	0.00000	0.00000	0.00000	0.01118
	B407	0.01017	0.00101	0.01118	0.01017	0.00101	0.01118	0.00000	0.00000	0.00000	0.02236
	B427	0.00509	0.00050	0.00559	0.00509	0.00050	0.00559	0.00000	0.00000	0.00000	0.01118
	B429	0.00709	0.00319	0.01027	0.00709	0.00319	0.01027	0.00000	0.00000	0.00000	0.02055
HS	B430	0.25392	0.09093	0.34485	0.25392	0.09093	0.34485	0.00000	0.00000	0.00000	0.64970
	EC130	0.16658	0.00961	0.17619	0.16658	0.00961	0.17619	0.00000	0.00000	0.00000	0.35238
	R44	0.14836	0.00781	0.15616	0.14836	0.00781	0.15616	0.00000	0.00000	0.00000	0.31233
	Total	0.59629	0.11354	0.70984	0.59629	0.11354	0.70984	0.00000	0.00000	0.00000	1.41967
Grand Total	35.50197	6.33364	41.83562	35.50197	6.33364	41.83562	7.52219	0.31342	7.83562	91.50686	