

Sunshine Coast Airport Expansion Project

Figure 3: Noise impacts for households in a 3km corridor of the arrival flight paths for Runway 13

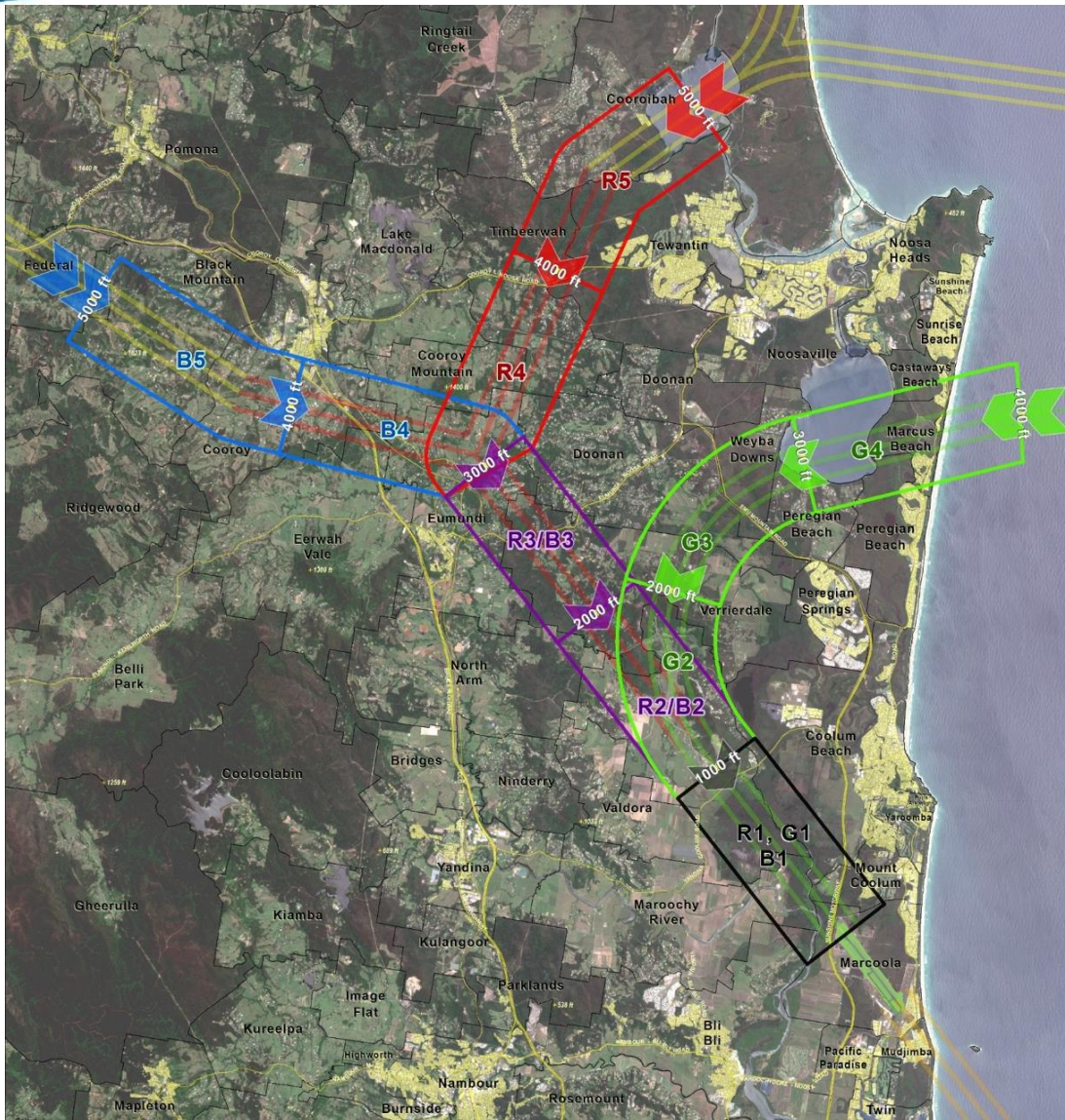


Figure 1 – Northern Approach Zones

Elevation (above sea level)		Noise		Green Path		Red Path		Blue Path	
Min (ft)	Max (ft)	Min (db)	Max (db)	Label	Households	Label	Households	Label	Households
0	1000	65	75*	G1	182	R1	182	B1	182
1000	2000	55	75	G2	197	R2	223	B2	223
2000	3000	47	67	G3	197	R3	431	B3	431
3000	4000	43	63	G4	665	R4	432	B4	441
4000	5000	41	61	G5	0	R5	407	B5	259
Totals				G1-G5	1241	R1-R5	1675	B1-B5	1536

*Noise levels up to 90db are expected close to the runway in this zone however there are no existing dwellings in that area. The worst impacted existing dwellings in this zone are expected to experience maximum noise levels of 75db.

Table 1 – Northern Approach Zone Results