



APPENDIX E

Airport Zoning



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This zoning specification is planned and designed to protect the airfield at Tokoroa.

1.0 Main Runway

Main sealed runway is 850 metres long by 18 metres wide and is situated within a grassed runway of 1,100 metres long by 60 metres wide. It is orientated on a bearing of 310° true.

2.0 Main Strip

The main strip is 1,525 metres long and 150 metres wide and contains the main sealed runway. The airfield has an established elevation of 365 metres.

3.0 Approach/Departure Slopes

3.1 There is an approach/departure slope rising at a specific gradient from the level of the lowest part of the strip ends.

3.2 Each approach/departure slope extends over a horizontal distance of 1,200 metres from each end of the main strip and is symmetrically disposed about the extended centreline of the strip with its sides diverging uniformly outward at a rate of 1 in 20 from the corners at the end of the strip.

3.3 Each approach/departure slope rises at a gradient of 1 in 20 over a horizontal distance of 1,200 metres.

4.0 Transitional Side Slopes

4.1 These extend upwards and outwards from the sides of each approach slope, rising at a gradient of 1 in 4 to intercept the horizontal surface 50 metres above the main strip.

4.2 Transitional side slopes also extend upwards and outwards from the sides of the grass strip at a gradient of 1 in 4 to intercept the horizontal surface 50 metres above the runway.
