

# Appendix I

## Airport Approach Slopes

These height controls are 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.

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.