

## **29 APPENDIX 9 - AERODROME FLIGHT PATH PROTECTION AREA**

### **29.1 HEIGHT CONTROL GENERAL**

#### **29.1.1 APPROACH SLOPES (MAIN STRIP)**

There is an approach slope at each end of the main strip. Each such approach slope rises at a gradient of 1 in 40 from its origin at the strip end and has sides which diverge outwards at the rate of 1 in 10 extending from the end corners of the strip. Each approach slope extends for a horizontal surface at a height of 45.7m. Each such slope is symmetrically disposed about the centreline of the strip.

In addition to the normal straight approach slopes, the NNE end of the strip is subject to the curved flight path shown for a horizontal distance of 610m on the centreline of the strip at which point it turns westward as shown on Planning Maps 28, 30, 32 and 34.

#### **29.1.2 APPROACH SLOPES (GRASS STRIP)**

There is an approach slope at each end of the grass strip. Each such approach slope rises at a gradient of 1 in 20 from its origin at the strip end and has sides which diverge outwards at the rate of 1 in 20 extending from the end corners of the strip. Each approach slope extends for a horizontal distance of 1200m. Each such slope is symmetrically disposed about the centreline of the strip.

In addition to the normal straight approach slopes, the NNE end of the strip is subject to the curved flight path shown for a horizontal distance of 610m on the centreline of the strip at which point it turns westward as shown on Planning Maps 30, 31 and 32.

#### **29.1.3 TRANSITIONAL SLOPES (MAIN STRIP)**

These extend upwards and outwards from the sides of the main strip and from the sides of the approach slopes (where these are below the main level of the horizontal surface) at a gradient of 1 in 5 to a height of 10m (see Maps 28, 30, 32 and 34).

#### **29.1.4 TRANSITIONAL SLOPES (GRASS STRIP)**

These extend upwards and outwards from the sides of the grass strip and from the sides of the approach slopes (where these are below the main level of the horizontal surface) at a gradient of 1 in 4 to a height of 2m (see Maps 30, 31 and 32).

#### **29.1.5 HORIZONTAL SURFACE**

The horizontal surface is a horizontal plane described at a height of 45.7m above the centre point of the aerodrome and extending outwards for a radius of 4,000m (see Map 2 or for more detail Maps 27, 29, 36a, 37 and 40).