

CHAPTER 2 INSTALLATION

2.1 SELECTING THE INSTALLATION SITE

The area in which a DVOR is to be installed is determined by the responsible Civil Aviation Authority according to the international air traffic regulations. This area is generally sufficiently large to allow a point with the optimum topography and thus the optimum propagation conditions to be chosen. This point is determined by means of a site survey at which a surveyor must always be present. ANS can provide an engineering consultant on site for this survey. When the installation site has been determined precise bearings must be taken, either with reference to trigonometrical points or – if a satellite receiver is available – via satellite radio for increased precision.

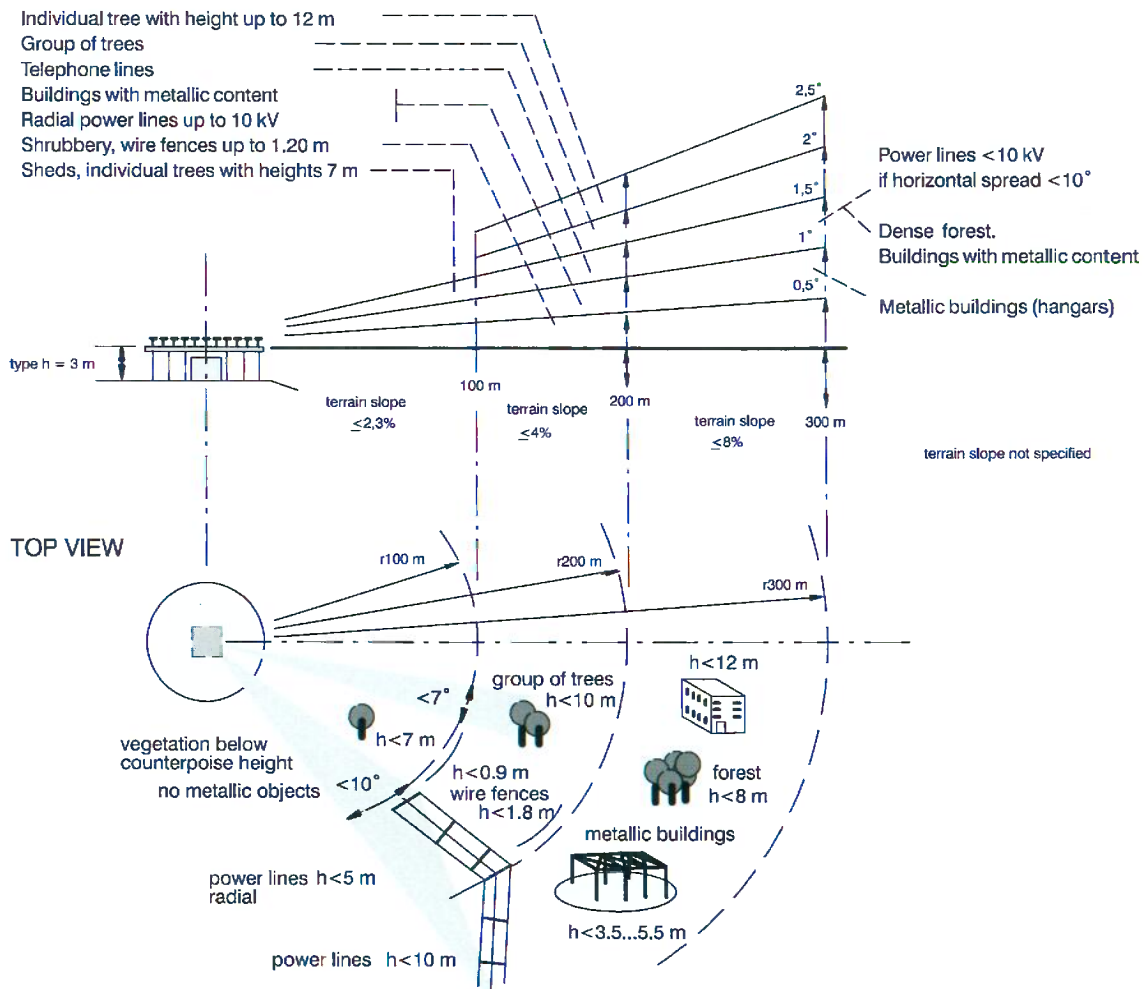


Fig. 2-1 DVOR siting criteria (general data)