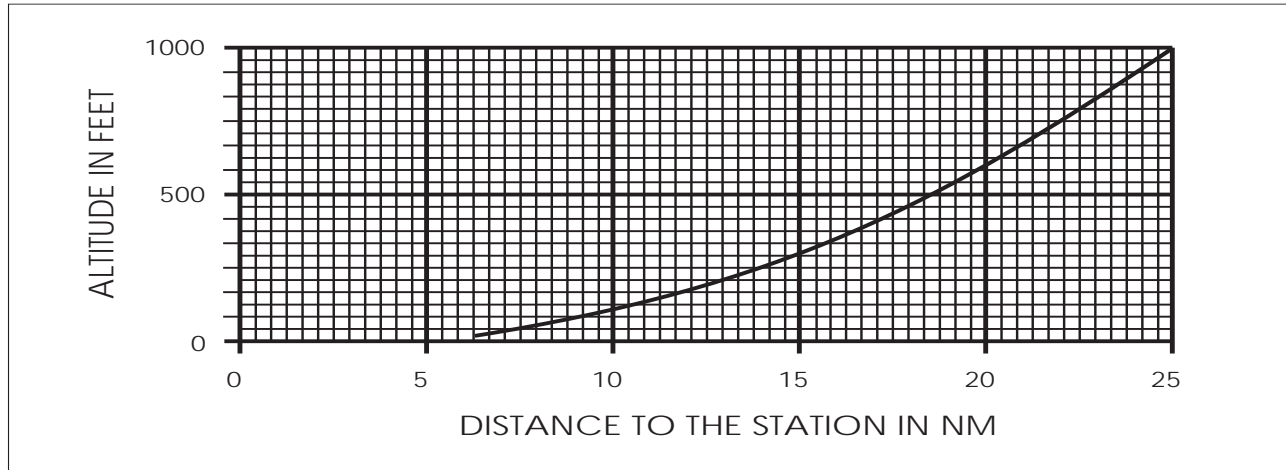
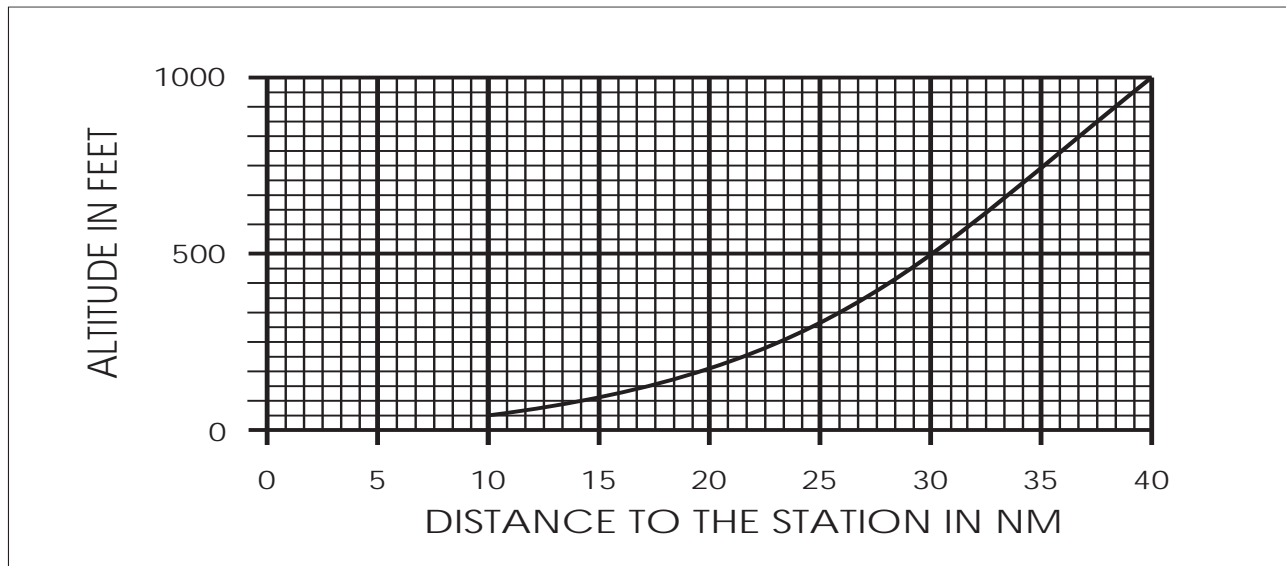


**FIG 1-1-4**  
**Service Volume Lower Edge Terminal**



**FIG 1-1-5**  
**Service Volume Lower Edge**  
**Standard High and Low**



**1-1-9. Instrument Landing System (ILS)**

**a. General**

1. The ILS is designed to provide an approach path for exact alignment and descent of an aircraft on final approach to a runway.

2. The ground equipment consists of two highly directional transmitting systems and, along the approach, three (or fewer) marker beacons. The directional transmitters are known as the localizer and glide slope transmitters.

3. The system may be divided functionally into three parts:

(a) **Guidance information:** localizer, glide slope;

(b) **Range information:** marker beacon, DME; and

(c) **Visual information:** approach lights, touchdown and centerline lights, runway lights.

4. Precision radar, or compass locators located at the Outer Marker (OM) or Middle Marker (MM), may be substituted for marker beacons. DME, when