

6.4.1 System Effect: System effect is defined as the estimated loss in fan performance from this non-uniform air flow. Figure 6-14 illustrates deficient fan system performance. The system pressure losses have been determined accurately and a suitable fan selected for operation at Point 1. However, no allowance has been made for the effect of the system connections on fan performance. The point of intersection between the resulting fan performance curve and the

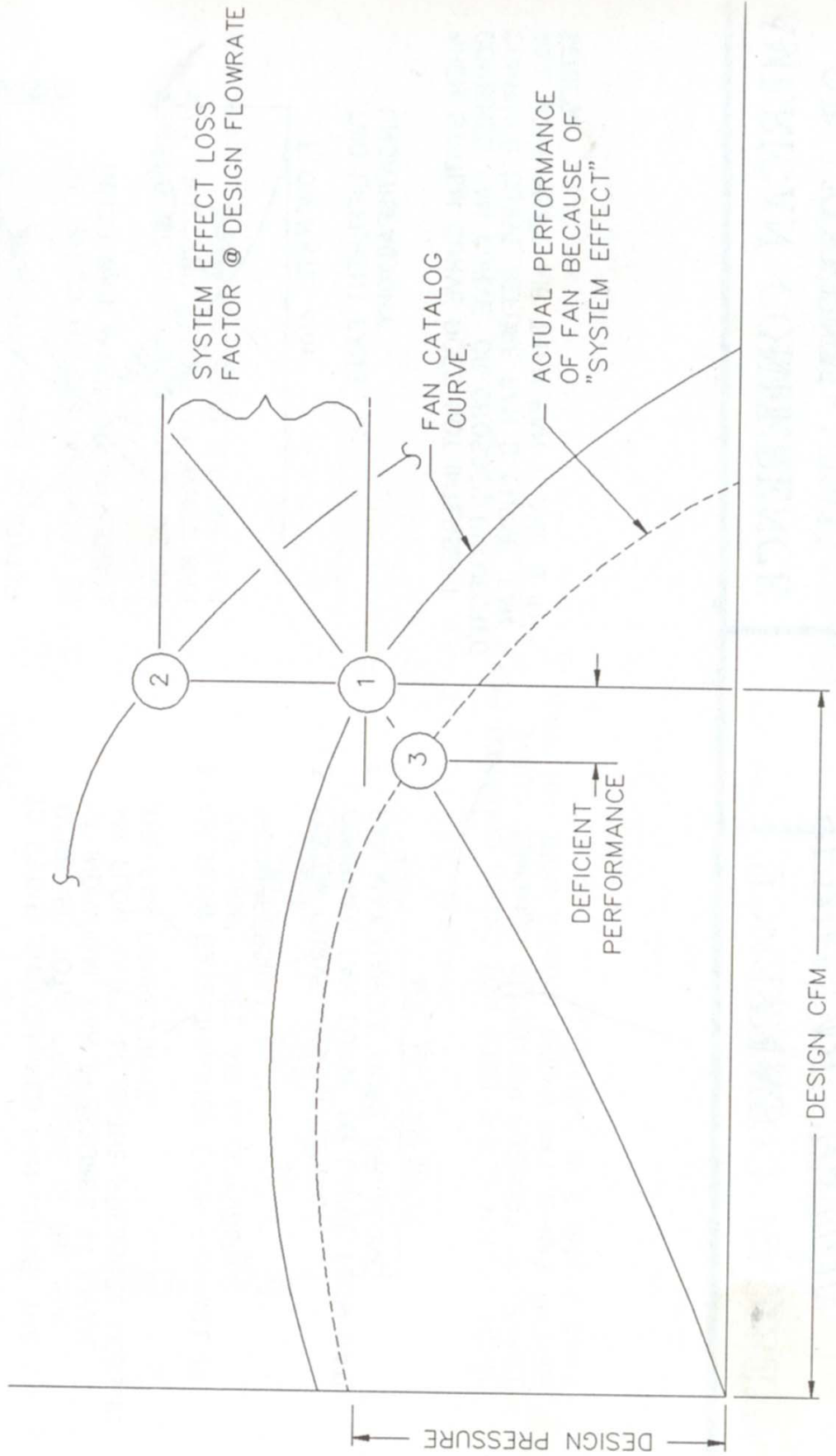


FIGURE 6-14. SYSTEM EFFECT FACTOR.