The figure below shows the choices for modification that the designer will have to make.

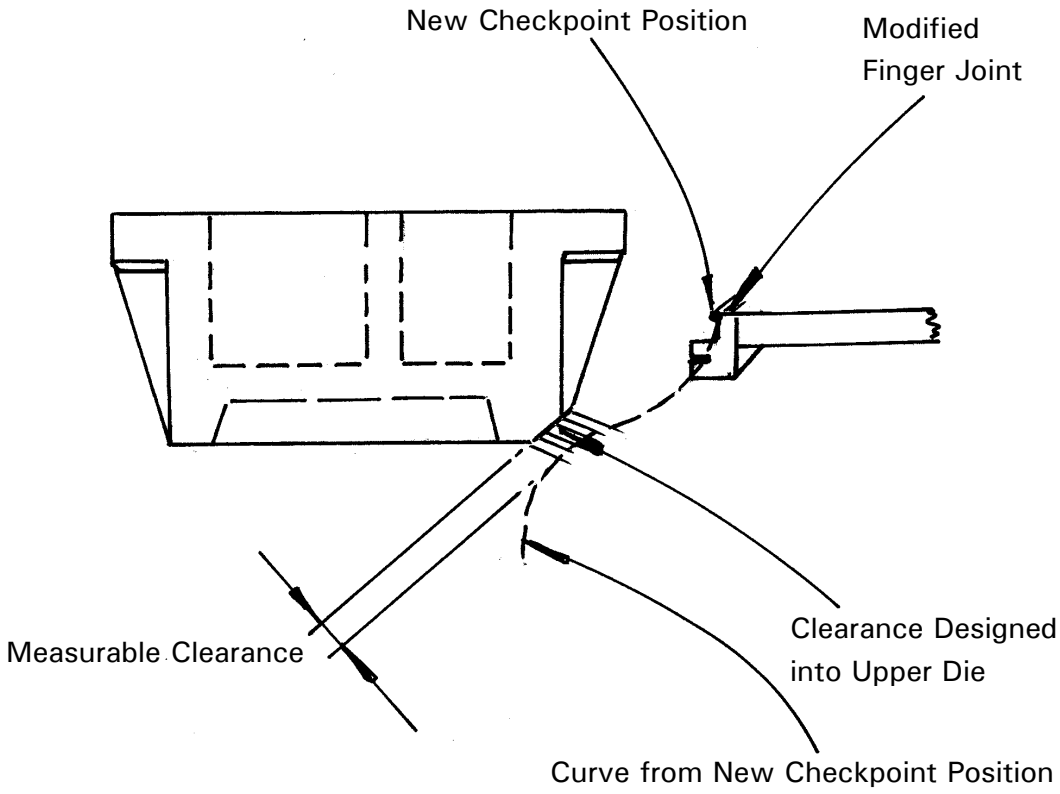

Figure 3-8. Upper Die End Elevation Solution for Interference Solution

The figure shows the modification to both the die and the finger connection. However, in order for a clearance to be achieved, only one may need to be modified.

A modification to the die will clear the curve emanating from its original checkpoint position.

A modification to the finger joint will move the position of the checkpoint (and therefore the curve) to a position where a clearance is achieved.

The figure below shows the front elevation of the same die, with the relative curve shown. Indicated is the feed part of the curve for analysis of the incoming fingers, feeding from the previous die.

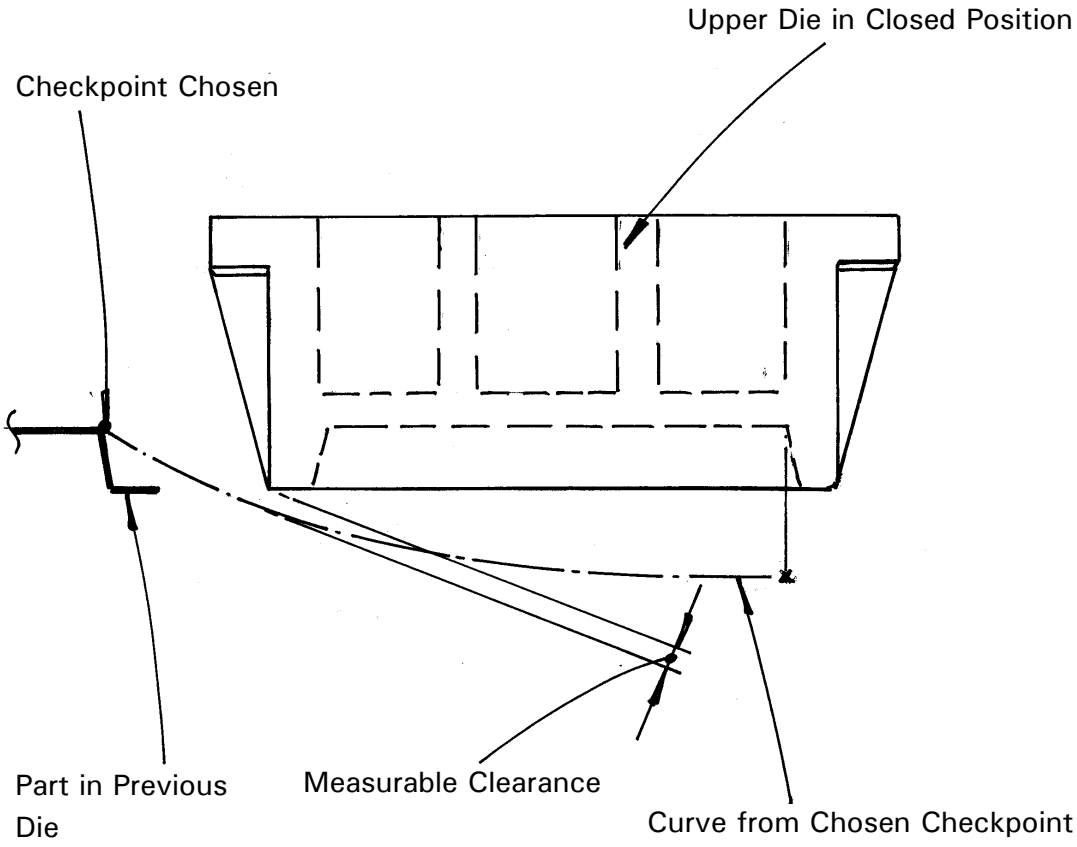

Figure 3-9. Upper Die Front Elevation Analysis

The transfer of any part of the panel can be evaluated in the same manner as the fingers, by simply placing the checkpoint onto any part of the panel requiring examination, as shown also in the figure. The curve should then be compared with the upper die, or any part of it.