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 File 721.000
 Engineering File

February 25, 1946

TO: R. J. Seiler
 FROM: R. A. A. Hentschel
 SUBJECT: COMPARATOR SCREENS

In the near future, we will be transmitting to you drawings of Comparator Screens that will be needed for gaging certain parts, both purchased and manufactured, for the Model 721-722 gun. It is recommended that the original negative be Engineers'-Glass Translucent, and reproductions be clear glass. Engineers'-Glass Translucent lends itself to corrections, as the original drawing is etched on glass, which can be corrected without redrawing the entire plate. Etched plates have to be entirely redrawn for corrections at considerable expense. It is further recommended that the original Engineers'-Glass Translucent not be used for measurement in the plant, but that the plant use reproductions from these which can be obtained at a nominal cost. The original can be filed at the manufacture of the plates which will minimize damage possible in transit. As many reproductions as needed can be obtained at any time from the original negative.

It is further recommended that the order for these Engineers'-Glass Translucent and the reproductions be placed with:

Engineers' Specialties Division
 The Universal Engraving & Colorplate Co.
 980 Ellisott Street
 Buffalo 8, N. Y.

This vendor has the equipment for accurately making the original plates and reproductions. They were used by the Gage Laboratory of the Ordnance Dept., U. S. Army, during the last war.


 R. A. A. Hentschel
 Engineering Superintendent
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RAH/HMS/drc