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Hilan, New York April 23, 1957

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## DITACHABLE MAGAZINE FOR THE N/721-722

Without benefit of any design investigation, the following is my opinion of what might be involved with the above.

Since preduction quantities would still be comparethirely small it would be expended to limit the wholtichal capital expense involves. This would point towards use of present N/740 magazine. It is probable time the equant of projection below the trigger plate would be about the same as on the present M/740-700's and that this would not be objectionable. It would require milling out the present guide rails in the receiver and instead to provide a stop for proper positioning of the magazino as well as a retaining latch. The present tragger place would have to be altered by blanking or macaining an opening to seconmodete the insertion of the box.

Development cost would probably range from \$5,000 to \$10,000, and cost of tools would probably rouse from \$10,000 to \$20,000 assuming that the M/760 magazine box assembly would not have to be altered. Increased factory cost for the additional parts and operations plus smortization would probably rungs from \$2.50 to \$5.00 egen.

Although offering some added convenience this arrangement would unfortunately have the disadvantage of adversely offecting the regeomens of the rifle, especially from standpoint of feeding. At proposit the eartridge guide rails are an integral part of the receiver and thus not subject to change. This would not be true in the case of the more fragile clip magazine. A tetter expresson would of course be to retain the present guide rails in the receiver and elter the M/760 style of regarine in such a way as to climinate the lips on the magazine. It would also be necessary to provide a moons of retaining the carridges in the magazine until it was innerted securely into the W/721 receiver. This has been given some thought from time to time but as yet I have not seen any very practical means for accomplishing same.

Chviously it would require additional research work to develop such a means, probably in the range of some \$25,000. It would also involve the providing of additional tools for changing the 10700 magazine, the extent of unich would be rether difficult to estimate

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without further development, but my guess is from \$25,000 to \$50,000 additional.

Should further work in this direction be justified, it is assumed that you will sivise, and suggest be accomplished through the Operations Committee.

3. M. Alvia, Manger Dion Rosearch Division

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