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 CC: ~~A. D. Kerr~~
 E. J. Boyle

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 Ilion, New York
 January 5, 1970

F. E. MORGAN
 BRIDGEPORT

MODEL 700 "HARD CLOSE"
CORRESPONDENCE - M.S. CRABTREE 11-25-69, J.D. HEATH 11-16-69

These two reports reflect a minor but persistent problem which we have had at the plant for the past several months on the Model 700. While the problem existed, the plant increased gallery testing to assure quality to the warehouse. However, since "hard close" is a variable affected by shooter technique, lubrication and ammunition dimensions, field complaints are inevitable.

The plant now feels that the problem has been solved and field complaints should diminish. Corrective action was in three different areas:

- . Blend bolt head and extractor - We have copied the Model 742 process which is more extensive than the Model 700 and are polishing the critical cartridge entrance surface at the bolt head.
- . Extractor adjustment - Each bolt head is reinspected to assure that the unrestrained end of the extractor does not protrude into the bolt head.
- . Extractor rivet - The rivet hole has been repositioned to simplify the above two operations.

R. A. Williamson
 Plant Manager

by

L. Fox
 L. Fox, Supt.
 P E & C Section

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