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G.D. Campbell

M/700-788 Rivetless Extractor

An economic evaluation of the proposed rivetless extractor for M/700 and 788 bolt action centerfire rifles indicates a \$141,300 savings* in operating cost and infinite net return on investment in the third year of operation (1983). Estimated first year results are a \$108,300 savings in operating cost and 593% net return on investment.

The major sources of these savings are:

- Reduced cost of purchased extractors and elimination of extractor rivets.
- Elimination of machining operations associated with extractor rivet hole in the bolt head.
- Eliminate riveting and simplify assembly.

Implementation of this proposal will require an estimated total expenditure of \$185M (\$50M Construction; \$135M Operations).

R.W. Farrington, Jr.

Industrial Engineering Section
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TRA/kc
Attached