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June 29, 1948

TO: M. R. Warden *

FROM: G. O. Clifford

SUBJECT: DESIGN IMPROVEMENTS -
MODEL 37 "RANGEMASTER" TARGET RIFLE

** Sent
Explain notes details
from these reports
Joc
7/7/48*

The attached report describes a design investigation for the Model 37 Rifle which was made in connection with observations at the 1947 Camp Perry Matches. It also includes a study as to the adequacy of design for the Sweeney Trigger which was adopted as standard for this rifle in 1939.

As a result of this investigation the design has been changed to increase the height of the Front Scope blocks, thus eliminating complaints that Scopes with large objectives will not "sight in" on the Model 37. The Products Committee has also approved recommendation for several other minor changes to the Front and Rear Sights, with the object of improving customer acceptance and also taking advantage of a reduction in cost.

It was found that other suggestions, including that of changes to the Trigger, did not justify the cost that would be involved for alterations to tooling that would be necessary.

G. O. Clifford
Technical Director